

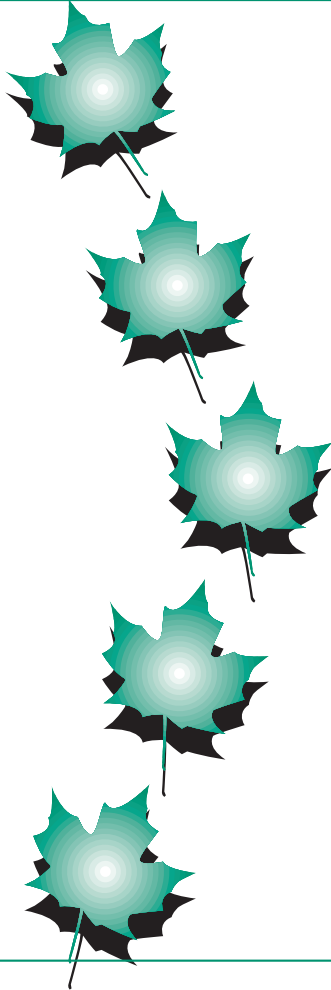


**Canadian  
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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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Vol. 129, N° 15 le 10 avril 2001

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'à nouvel ordre, après quoi des frais s'appliqueront.

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# Table of Contents

## Table des matières

|  |     |
|--|-----|
| Notices  |     |
| Avis .....   | 1   |
| Canadian Patents Issued  |     |
| Brevets canadiens délivrés .....   | 9   |
| Canadian Laid-Open Applications  |     |
| Demandes canadiennes mises à la disponibilité du public .....  | 43  |
| PCT Applications Entering the National Phase   |     |
| Demandes PCT entrant en phase nationale .....  | 75  |
| Canadian Divisional and Previously Unavailable Laid-Open applications  |     |
| Demandes canadiennes apparentées par division et demandes mises à la disponibilité<br>du public non disponibles auparavant .....           | 223 |
| Index of Canadian Patents Issued   |     |
| Index des brevets canadiens délivrés .....   | 225 |
| Index of Canadian Laid-Open Applications   |     |
| Index des demandes canadiennes mises à la disponibilité du public .....  | 233 |
| Index of PCT Applications Entering the National Phase  |     |
| Index des demandes PCT entrant en phase nationale .....  | 239 |
| Index of Canadian Divisional and Previously Unavailable Laid-Open applications   |     |
| Index des Demandes canadiennes apparentées par division et demandes mises à la<br>disponibilité du public non disponibles auparavant ..... | 265 |

## Notices

### 1. Dates and Code Numerals Appearing in Patent Headings

#### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 2000 will be shown as 2000-01-02.

#### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date
  
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

## Avis

### 1. Dates et chiffres de code figurant à l'entête des brevets

#### Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 2000, par exemple, sera représenté par 2000-01-02.

#### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle "INID" signifie "Identification numérique internationale des données bibliographiques". Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit:

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## Avis

### 2. Country Codes

A complete list of country codes has been published in the October 24, 2000 issue of the Canadian Patent Office Record and will be published twice a year in the last issues of April and October.

### 3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain an alphabetical listing of subject matter titles for the various classes by writing a request to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

### 4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

### 5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

#### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

### 2. Codes des pays

Une liste complète des codes de pays a été publiée dans le numéro du 24 octobre 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

### 3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

### 4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

### 5. Comment acheter des copies sur papier ou en microforme de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

#### A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of ten dollars (\$10) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

### B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

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- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

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Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

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Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de dix dollars (10 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

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Courriel: tic@micromedia.on.ca

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Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

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- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

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Courriel: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including patents both in force and expired, may be ordered at a price of 50¢ per page from the Patent Office.

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

### 7. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

### 7. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

### 8. Licensing of Patents

#### Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

### 8. Octroi de licences en vertu des brevets

#### Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

#### Compulsory Licences

Three years after a patent has been granted one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the Patent Act. Applications for a compulsory licence are made to the Commissioner of Patents.

#### Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la Loi sur les brevets. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

### 9. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the Patent Office Record indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 10 of these notices.

### 9. Brevets disponibles pour licence ou vente

Un astérisque (\*) marqué à côté de tout brevet inscrit dans le présent numéro de la Gazette du Bureau des brevets, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

## Notices

### 10. List of Patents Available for Licence or Sale

The following Canadian patents have been made available for sale or licensing this week :

2,130,071  
2,209,106  
2,257,475

### 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,165,500 which issued on April 10, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the Patent Act). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the Patent Rules. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

### 13. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

### 10. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence

2,130,071  
2,209,106  
2,257,475

### 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 10 avril 1984 sont maintenant expirés, jusque et y compris le no. 1,165,500. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

### 12. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la Loi sur les brevets). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des Règles sur les brevets. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

### 13. Langue du document publié

Toute personne intéressée d'obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.



## Avis

### 14. Patent Cooperation Treaty (PCT)

### 14. Traité de coopération en matière de brevets (PCT)

#### SCHEDULE OF FEES APPLICABLE AS OF JANUARY 01, 2001

#### BARÈME DE TAXES À PARTIR DU 1 JANVIER 2001

| FEES                                     | AMOUNTS<br>\$ |
|--|---------------|
| 1. <b>Transmittal Fee:</b> (Rule 14)     | 200.00        |
| 2*. <b>Basic Fee:</b> (Rule 15.2(a))     | 562.00        |
| Amount for each additional sheet over 30 | 13.00         |

3. **Designation Fee:** (Rule 15.2(a)) 121.00  
The maximum that can be charged for the Designation Fee is \$726.00; therefore, if more than 6 countries are designated the fee remains \$726.00

4. **International Search Fee** 1,249.00  
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

5. **Late Payment Fee** 50% of the fees that are due, or,  
Minimum: Transmittal Fee  
Maximum: Basic Fee

#### Preliminary Examination

6. **Handling Fee:** 287.51 Deutsche Marks  
(Rule 57.2(a)) 147.00 Euro Dollars

7. **Preliminary Examination Fee:** 2,998.29 Deutsche Marks  
(Rule 58) 1,533.00 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office.

\* International fees will be reduced by \$173.00 for all applications filed using PCT-Easy.

| TAXES                                      | MONTANTS<br>\$ |
|--|----------------|
| 1. <b>Taxe de transmission:</b> (Règle 14) | 200,00         |
| 2*. <b>Taxe de base:</b> (Règle 15.2(a))   | 562,00         |
| Montant pour chaque feuille au delà de 30  | 13,00          |

3. **Taxe de désignation** (par pays) (Règle 15.2(a)) 121,00  
Le maximum payable pour la taxe de désignation est de 726,00 \$; donc, si plus que 6 pays sont désignés, la taxe demeure 726,00 \$.

4. **Taxe de recherche internationale** 1 249,00  
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5. **Taxe pour paiement tardif** 50% du montant impayé, ou,  
Minimum: taxe de transmission  
Maximum: taxe de base

#### Examen préliminaire

6. **Taxe de traitement:** 287,51 marks allemands  
(Règle 57.2(a)) 147,00 dollars euro

7. **Taxe d'examen préliminaire:** 2 998,29 marks allemands  
(Règle 58) 1 533,00 dollars euro

Les taxes d'examen préliminaire sont payables en Deutsche Marks ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées au Office Receveur de Canada.

\*Les frais seront réduits par 173,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

### 15. PCT Notices

#### **PCT Signature Requirements**

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, <http://www.wipo.int>).

#### **Patent Cooperation Treaty (PCT)**

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO -World Intellectual Property Organization at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by E-Mail at [publications.mail@wipo.int](mailto:publications.mail@wipo.int) or visit their website at <http://www.wipo.int>.

### 15. Avis PCT

#### **Exigences des signatures du PCT**

Veillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, <http://www.wipo.int>).

#### **Traité de Coopération en matière de brevets (PCT)**

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - Organisation mondiale de la propriété intellectuelle à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à [publications.mail@wipo.int](mailto:publications.mail@wipo.int) ou visiter leur site web à <http://www.wipo.int>.

## Avis

### **16. Laid-Open Applications**

The Patent Office Record of April 10, 2001 contains laid-open applications from March 18, 2001 - March 24, 2001.

### **16. Demandes Canadiennes mises à la disponibilité du public**

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 18 mars 2001 - 24 mars 2001.

# Canadian Patents Issued

April 10, 2001

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195-1.34 530-13.00

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7C12N 5/10 7C07K 14/51 7A61K 38/18**

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[54] **FACTEURS STIMULANT LA  
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[72] Wozney, John M., US

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[73] Genetics Institute, Inc., US

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[51] **Int.Cl. 7G01S 7/34 7G01S 13/524**

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[54] **APPARATUS FOR WIND SHEAR  
COMPENSATION IN AN MTI RADAR  
SYSTEM**

[54] **APPAREIL CORRECTIF DU  
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[73] GENERAL ELECTRIC COMPANY,  
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[54] **STEREOLITHOGRAPHIC BEAM  
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[72] Spence, Stuart T., US

[72] Tarnoff, Harry L., US

[73] 3D SYSTEMS, Inc., US

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[13] C

[51] **Int.Cl. 5A01H 5/00**

[25] EN

[54] **METHOD FOR INCREASING THE  
ABILITY OF A PLANT SPECIES TO  
UNDERGO ANDROGENESIS, AND  
PRODUCTS PRODUCED THEREFROM**

[54] **METHODE POUR AUGMENTER  
LA CAPACITE D'UNE ESPECE**

[54] **VEGETALE DE SUBIR**

[54] **L'ANDROGENESE, ET PRODUITS**

[54] **AINSI OBTENUS**

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SOLIDS FROM SUSPENSION**

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MATIERES SOLIDES EN SUSPENSION**

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[73] VALMET CORPORATION, FI

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[51] **Int.Cl. 5G06F 15/20**

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[54] **REPORT MANAGEMENT SYSTEM  
WITH CAPABILITY FOR  
GENERATION OF REPORT  
SUMMARIES**

[54] **SYSTEME DE GESTION DE  
RAPPORTS AVEC POSSIBILITE**

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MODULE**

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CONNEXE**

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[73] MINNESOTA MINING AND

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[54] DISPOSITIF DE VERROUILLAGE POUR PORTE DE COFFRET DE REPARTITION ET METHODE DE FABRICATION CONNEXE  
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[51] Int.Cl. 5C08J 9/28  
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[54] SEMIPERMEABLE MEMBRANE MADE FROM A HOMOGENEOUSLY MISCIBLE POLYMER BLEND  
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[30] US (316,895) 1989-02-28

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[51] Int.Cl. 5G01L 7/08  
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[73] HONEYWELL INC., US  
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[22] 1990-04-27  
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[51] **Int.Cl. 5H01J 9/233**  
[25] EN  
[54] **METHOD OF MANUFACTURING A LUMINESCENT SCREEN ASSEMBLY USING A DRY-POWDERED FILMING MATERIAL**  
[54] **METHODE DE FABRICATION D'ECRANS LUMINESCENTS UTILISANT UN FILM A POWDRE SECHE**  
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[54] **CONTENANT AVEC SYSTEME AUXILIAIRE D'EVACUATION**  
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[54] **SOLUTION A BASE DE POLYMERE ET MODE D'UTILISATION CONNEXE**  
[72] Friedman, Michael, IL  
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[73] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL  
[73] Perio Products Ltd., IL  
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[51] **Int.Cl. 5A61K 47/48**  
[25] EN  
[54] **COUPLING OF AN ANTI-TUMOR TO AN ANTIBODY USING GLUTARALDEHYDE PREAMPLIFIED ANTI-TUMOR AGENT**  
[54] **COUPLAGE D'UN AGENT ANTI-TUMORAL A UN ANTICORPS AU MOYEN D'UNE GLYTARALDEHYDE PREAMPLIFIEE**  
[72] Thibeault, Denis, CA  
[72] Page, Michel, CA  
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[54] **COMPOSE D'ENDUCTION A EPAISSEURS A BASE DE POLYGALACTOMANNANS A GROUPES HYDROPHILES ET HYDROPHOBES**  
[72] Zody, George M., US  
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[51] **Int.Cl. 5B41M 5/28**  
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[54] **FEUILLE D'ENREGISTREMENT THERMOSENSIBLE**  
[72] Minami, Toshiaki, JP  
[72] Fukuchi, Tadakazu, JP  
[72] Ohashi, Reiji, JP  
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[54] **METHOD OF FEEDING BACK EXHAUST GASES IN OIL AND GAS BURNERS**  
[54] **METHODE DE RECIRCULATION DES GAZ D'ECHAPPEMENT DANS DES BRULEURS A GAZ ET A L'HUILE**  
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[54] **TAMPON A USAGE MEDICAL OU HYGIENIQUE ET METHODE DE FABRICATION**  
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[54] **DISPOSITIF POUR ABSORBER LES CHOCS, PLUS PARTICULIEREMENT UN AMORTISSEUR**  
[72] Heese, Gerhard, DE  
[72] Rink, Manfred, DE  
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[72] Honbo, Toshiyasu, JP  
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[72] Villeneuve, Maurice, CA  
[73] Société Canadienne de Métaux Reynolds, Limitée, CA  
[22] 1990-10-18

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[54] **MONITEUR DE RESPIRATEUR ET DISPOSITIFS D'ALERTE**  
[72] Loescher, Thomas C., US  
[72] Rowland, Robert O., US  
[73] Hudson Respiratory Care Inc., US  
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[54] **FILTRE ANTI-FUMEE FORME D'ETOUPE ET D'UN MATERIAU EN FEUILLE**  
[72] Arterbery, Cynthia W., US  
[72] Callahan, W. Timothy, US  
[72] Keritsis, Gus D., US  
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[73] Philip Morris Products Inc., US  
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[25] EN  
[54] **REUSABLE AND MICROWAVABLE HOT INSULATED COMPRESS AND METHOD OF MANUFACTURE**  
[54] **COMPRESSE CHAUDE ISOLEE, REUTILISABLE ET POUVANT ETRE MISE DANS UN FOUR A MICRO-ONDES; METHODE DE SA FABRICATION**  
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[72] Walasek, Stuart J., US  
[73] Packaging Electronics & Devices Corp., US  
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[13] C

[51] **Int.Cl. 5C22C 38/10 5C22C 19/00 5C22C 38/12 5C22C 38/52**  
[25] EN  
[54] **OXIDATION RESISTANT LOW EXPANSION SUPERALLOYS**  
[54] **SUPERALLIAGES DE FAIBLE DILATATION RESISTANT A L'OXYDATION**  
[72] Smith, John Scott, US  
[72] Smith, Darrell Franklin Jr., US  
[72] Fisher, Roneldo Lee, US  
[72] Heck, Karl Andrew, US  
[73] Inco Alloys International, Inc., US  
[22] 1990-12-14  
[30] US (07/452,284) 1989-12-15  
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[51] **Int.Cl. 5C07D 401/04 5A01N 55/00 5C07D 265/02 5C07F 7/10 5C07D 405/14 5A01N 57/32 5A01N 43/50 5C07F 9/58 5C07D 233/70**  
[25] EN  
[54] **2-(1-SUBSTITUTED-2-IMIDAZOLIN-2-YL)BENZOIC AND NICOTINIC ACIDS AND A METHOD FOR THEIR PREPARATION**  
[54] **ACIDES 2-(1-SUBSTITUANT-2-IMIDAZOLIN-2-YL)BENZOIQUES ET NICOTINIQUES; METHODE DE PREPARATION**  
[72] Guaciaro, Michael Anthony, US  
[73] AMERICAN CYANAMID COMPANY, US  
[22] 1990-12-18  
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[13] C

[51] **Int.Cl. 5B01F 17/52 5C09C 3/10 5C08K 9/10**  
[25] EN  
[54] **DISPERSING AGENTS, THEIR USE AND SOLIDS COATED THEREWITH**  
[54] **AGENTS DE DISPERSION ET PROCEDE DE PREPARATION CONNEXE**  
[72] Quednau, Peter H., NL  
[73] EFKA-Chemicals B.V., NL  
[22] 1990-12-21  
[30] EP (89203342.4) 1989-12-29

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[13] C

[51] **Int.Cl. 5A61B 17/04**  
[25] EN  
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[54] **INSTRUMENT MEDICAL POUR GUIDER UNE AIGUILLE A SUTURE**  
[72] Foster, Thomas Lee, US  
[73] VANCE PRODUCTS INCORPORATED doing business as COOK UROLOGICAL, US  
[22] 1991-01-03  
[30] US (464,347) 1990-01-12

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[51] **Int.Cl. 5C09J 133/02 5C09J 147/00 5B32B 17/04 5B32B 27/04 5C09J 175/04**  
[25] EN  
[54] **ONE-PART PRIMERLESS ADHESIVE**  
[54] **ADHESIF UN ELEMENT**  
[72] Hung, Ju-Ming, US  
[73] Essex Specialty Products, Inc., US  
[22] 1991-01-15  
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[11] **2,035,091**  
[13] C

[51] **Int.Cl. 5G01F 23/22**  
[25] EN  
[54] **PUMPING SYSTEM**  
[54] **SYSTEME DE POMPAGE**  
[72] Nabity, Frederick Alan, US  
[72] Wright, Paul George, US  
[72] Hulinsky, Raymond, US  
[72] Carson, Douglas Timothy, US  
[73] Isco, Inc., US  
[22] 1991-01-28  
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[13] C

[51] **Int.Cl. 5H03L 7/00**  
[25] EN  
[54] **FREQUENCY AND/OR PHASE CHARACTERISTIC CONTROL CIRCUIT HAVING CONTROLLED CURRENT MULTIPLYING RATIO**  
[54] **CIRCUIT DE CONTROLE DE CARACTERISTIQUE DE FREQUENCE ET/OU DE PHASE**  
[72] Terado, Ikuo, JP  
[73] SONY CORPORATION, JP  
[22] 1991-02-05  
[30] JP (028372/90) 1990-02-09

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[13] C

[51] **Int.Cl. 5A61K 35/78**  
[25] EN  
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[54] **MEDICAMENT ANALGESIQUE ET ANTI-INFLAMMATOIRE**  
[72] Okpanyi, Samuel N., DE  
[72] Arens-Corell, Michaela, DE  
[73] Steigerwald Arzneimittelwerk GmbH, DE  
[85] 1991-02-27  
[86] 1990-07-09 (PCT/EP90/01114)  
[87] (WO91/00735)  
[30] EP (89112639.3) 1989-07-11

[11] 2,044,327  
[13] C

[51] **Int.Cl. 5C07D 403/06 5C09K 15/16 5C10L 1/22 5C10M 133/28**  
[25] EN  
[54] **TRIAZOLE COMPOUNDS USEFUL AS METAL DEACTIVATORS**  
[54] **COMPOSES DE TRIAZOLE UTILISES COMME DESACTIVATEURS DES METAUX**  
[72] O'Neil, Robert Montgomery, GB  
[72] Dubs, Paul, CH  
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 1991-06-11  
[30] GB (9013142.6) 1990-06-13

[11] 2,045,753  
[13] C

[51] **Int.Cl. 5B01D 3/36**  
[25] EN  
[54] **METHOD FOR THE SEPARATION OF HFA 134A**  
[54] **METHODE DE SEPARATION DE HFA 134A**  
[72] Taylor, Andrew M., GB  
[72] Wheelhouse, Robert W., GB  
[73] Taylor, Andrew M., GB  
[73] Wheelhouse, Robert W., GB  
[73] IMPERIAL CHEMICAL INDUSTRIES PLC, GB  
[22] 1991-06-26  
[30] GB (9014851.1) 1990-07-04  
[30] GB (9014852.9) 1990-07-04

[11] 2,035,985  
[13] C

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[25] EN  
[54] **ENGAGING LEVER LOCK FOR ROTOR TURNING GEAR**  
[54] **VERROUILLAGE DE LEVIER D'EMBRAYAGE POUR VIREUR**  
[72] Hyde, Gilbert Frederick, US  
[72] Berrong, David Bruce, US  
[73] WESTINGHOUSE ELECTRIC CORPORATION, US  
[22] 1991-02-08  
[30] US (477,399) 1990-02-09

[11] 2,045,700  
[13] C

[51] **Int.Cl. 5F01N 1/06**  
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[54] **MUFFLER ASSEMBLY**  
[54] **SILENCIEUX**  
[72] Richardson, Larry E., US  
[72] Strickland, David W., US  
[72] Zagar, Frank L., US  
[72] Wilcox, Richard C., US  
[73] ARVIN INDUSTRIES, INC., US  
[22] 1991-06-26  
[30] US (07/544,408) 1990-06-27

[11] 2,046,339  
[13] C

[51] **Int.Cl. 5B05B 11/00**  
[25] EN  
[54] **LIQUID JET BLOWER**  
[54] **VAPORISATEUR**  
[72] Tubaki, Tatsuo, JP  
[72] Kakuta, Yoshiyuki, JP  
[72] Kishi, Takao, JP  
[73] Yoshino Kogyosho Co., Ltd., JP  
[85] 1991-08-09  
[86] 1990-12-21 (PCT/JP90/01677)  
[87] (WO91/09683)  
[30] JP (1/152460U) 1989-12-28  
[30] JP (1/152462U) 1989-12-28

[11] 2,042,700  
[13] C

[51] **Int.Cl. 5B29C 47/06 5B32B 27/18 5B32B 27/30**  
[25] EN  
[54] **WATER SOLUBLE FILM**  
[54] **FILM HYDROSOLUBLE**  
[72] VanPutte, Andrew, US  
[73] CRYOVAC, INC., US  
[22] 1991-05-15  
[30] US (525,440) 1990-05-17  
[30] US (601,494) 1990-10-19

[11] 2,045,736  
[13] C

[51] **Int.Cl. 5C07D 333/24 5C08F 20/38 5C07C 317/46 5C07C 323/51**  
[25] FR  
[54] **NOUVEAUX COMPOSES ACRYLIQUES SOUFRES. UN PROCEDE POUR LEUR PREPARATION ET LEUR APPLICATION A LA SYNTHESE DE NOUVEAUX POLYMERES**  
[54] **NOVEL SULFURIZED ACRYLIC COMPOUNDS; PROCESS FOR PREPARING THEM AND THEIR USE FOR SYNTHESIZING NEW POLYMERS**  
[72] Cerf, Martine, FR  
[72] Mieloszynski, Jean-Luc, FR  
[72] Paquer, Daniel, FR  
[73] ATOCHEM, FR  
[22] 1991-06-26  
[30] FR (90 08109) 1990-06-27

[11] 2,046,510  
[13] C

[51] **Int.Cl. 5A47J 31/40 5A47J 31/06**  
[25] EN  
[54] **A DEVICE FOR THE EXTRACTION OF CARTRIDGES**  
[54] **DISPOSITIF SERVANT A L'EXTRACTION DE CARTOUCHES**  
[72] Fond, Olivier, CH  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1991-07-09  
[30] EP (90114402.2) 1990-07-27

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[13] C

[51] **Int.Cl. 6A61K 38/49**  
[25] EN  
[54] **K2P PRO STABILISATION  
STABILISATION DU K2P PRO**  
[72] Kohnert, Ulrich, DE  
[72] Rudolph, Rainer, DE  
[73] ROCHE DIAGNOSTICS GMBH, DE  
[85] 1991-08-12  
[86] 1990-12-19 (PCT/EP90/02250)  
[87] (WO91/08765)  
[30] DE (P 39 42 141.4) 1989-12-20

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[11] **2,046,968**  
[13] C

[51] **Int.Cl. 5G06F 15/62**  
[25] EN  
[54] **GRAPHIC IMAGE PROCESSING  
APPARATUS**  
[54] **APPAREIL DE TRAITEMENT  
D'IMAGES GRAPHIQUES**  
[72] Yasuhara, Nae, JP  
[72] Marusawa, Miyuki, JP  
[72] Yasuhara, Hiroshi, JP  
[72] Kusano, Hiroko, JP  
[73] SONY CORPORATION, JP  
[22] 1991-07-12  
[30] JP (231883/90) 1990-08-31  
[30] JP (242030/90) 1990-09-12

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[11] **2,047,212**  
[13] C

[51] **Int.Cl. 5B65H 29/60**  
[25] EN  
[54] **MULTIPLE POINT DELIVERY  
APPARATUS FOR SEPARATING OF  
SHEET-LIKE ELEMENTS**  
[54] **DISPOSITIF POUR LA  
DISTRIBUTION MULTIPLE  
D'ARTICLES EN FEUILLES**  
[72] Spalding, Michael H., US  
[72] Benjamin, Frederick A., US  
[72] Mielcarek, Kenneth S., US  
[73] John Brown Inc., US  
[85] 1991-08-21  
[86] 1990-12-19 (PCT/US90/07547)  
[87] (WO91/09803)  
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[13] C

[51] **Int.Cl. 5A23B 7/04 5A23B 7/16**  
[25] FR  
[54] **PROCEDE ET INSTALLATION DE  
TRAITEMENT DE PRODUITS  
SURGELES**  
[54] **FROZEN PRODUCT PROCESSING  
FACILITY AND PROCESS**  
[72] Bain, Jacques, FR  
[73] Société de Développement de l'Industrie  
Agro-alimentaire et de la, FR  
[22] 1991-08-06  
[30] FR (90 10 127) 1990-08-08

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[13] C

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[25] EN  
[54] **PYRAZOLOQUINOLINE  
DERIVATIVES**  
[54] **DERIVES PYRAZOLOQUINOLINE**  
[72] Suzuki, Fumio, JP  
[72] Nakasato, Yoshisuke, JP  
[72] Ohmori, Kenji, JP  
[72] Tamura, Tadafumi, JP  
[72] Hosoe, Hisashi, JP  
[72] Kubo, Kazuhiro, JP  
[72] Yoshitake, Ikufumi, JP  
[73] KYOWA HAKKO KOGYO CO., LTD.,  
JP  
[22] 1991-09-13  
[30] JP (2-245389) 1990-09-14

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[11] **2,051,883**  
[13] C

[51] **Int.Cl. 5C23F 11/14 5C23F 11/12  
5C23F 11/16**  
[25] EN  
[54] **ALKOXYBENZOTRIAZOLE  
COMPOSITIONS AND THE USE  
THEREOF AS COPPER AND COPPER  
ALLOY CORROSION INHIBITORS**  
[54] **COMPOSITIONS A BASE  
D'ALCOXYBENZOTRIAZOLE ET  
LEUR UTILISATION COMME AGENTS  
ANTI-CORROSION DU CUIVRE ET DES  
ALLIAGES DE CUIVRE**  
[72] Vanderpool, Daniel P., US  
[72] Cha, Charles Y., US  
[73] CALGON CORPORATION, US  
[22] 1991-09-19  
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[13] C

[51] **Int.Cl. 5B62D 23/00 5B62D 25/00**  
[25] EN  
[54] **REINFORCING HOLLOW SILL  
BEAMS OF A VEHICLE BODY**  
[54] **DISPOSITIF DE RENFORCEMENT  
DES POUTRES CREUSES DES  
CARROSSERIES DE VOITURE**  
[72] Hellstrum, Mikael, SE  
[73] AB VOLVO, SE  
[85] 1991-10-25  
[86] 1990-04-26 (PCT/SE90/00279)  
[87] (WO90/13467)  
[30] SE (8901550-7) 1989-04-28

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[13] C

[51] **Int.Cl. 5B42D 13/00 5B42D 5/00  
5B42D 15/00 5B42D 15/10**  
[25] EN  
[54] **OVERLAP CHECK  
CONSTRUCTION OR SIMILAR  
BUSINESS FORM**  
[54] **PRODUCTION DE CHEQUES ET  
D'AUTRES FORMULAIRES  
D'AFFAIRES PAR CHEVAUCHEMENT**  
[72] Fitzgibbons, Gary W., US  
[73] THE STANDARD REGISTER  
COMPANY, US  
[22] 1991-10-24  
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[13] C

[51] **Int.Cl. 5C07D 309/30 5A61K 31/365**  
[25] EN  
[54] **DISCODERMOLIDE  
COMPOUNDS, COMPOSITIONS  
CONTAINING SAME AND METHODS  
OF PREPARATION AND USE**  
[54] **NOUVELLES LACTONES;  
COMPOSITIONS A BASE DE CES  
LACTONES; METHODE DE  
PREPARATION ET UTILISATION**  
[72] Gunasekera, Malika, US  
[72] Gunasekera, Sarath P., US  
[72] Longley, Ross E., US  
[72] Burren, Neal S., US  
[73] Harbor Branch Oceanographic  
Institution, Inc., US  
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[13] C

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[54] THERMOPLASTIC RESIN  
COMPOSITION AND USE THEREOF  
[54] COMPOSITION DE RESINE  
THERMOPLASTIQUE ET  
UTILISATION  
[72] Amimoto, Yoshikatsu, JP  
[72] Ikejiri, Fumitoshi, JP  
[72] Yamamoto, Sanehiro, JP  
[72] Toyota, Akinori, JP  
[72] Nishimura, Katunari, JP  
[72] Kanda, Masahiro, JP  
[72] Kato, Tetsuo, JP  
[73] Yazaki Corporation, JP  
[73] MITSUI CHEMICALS INC., JP  
[22] 1991-11-29  
[30] JP (339331/1990) 1990-11-30

[11] 2,057,110  
[13] C

[51] Int.Cl. 5C09D 1/00  
[25] EN  
[54] WATER-CONTAINING  
ORGANOPHILIC PHYLLOSILICATES  
[54] PHYLLOSILICATES  
ORGANOPHILES RENFERMANT DE  
L'EAU  
[72] Dessauer, Guido, DE  
[72] Horn, Ute, DE  
[73] BRABON GMBH & CO. KG, DE  
[22] 1991-12-05  
[30] DE (P 40 38 886.7) 1990-12-06

[11] 2,057,593  
[13] C

[51] Int.Cl. 5A01M 1/10 5A01M 1/20  
[25] EN  
[54] PEST CONTROL DEVICE  
[54] APPAREIL PHYTOSANITAIRE  
[72] Ciarletta, John A., US  
[73] BAYER CORPORATION, US  
[22] 1991-12-13  
[30] US (07/639,610) 1991-01-10

[11] 2,058,947  
[13] C

[51] Int.Cl. 5G07G 1/00 5G06K 7/00  
5G07F 7/02 5G08B 13/24  
[25] FR  
[54] PROCEDE ET DISPOSITIF DE  
COMPTABILISATION ET DE  
CONTROLE D'ARTICLES  
[54] PROCESS AND DEVICE FOR  
REGISTERING AND CHECKING  
ITEMS  
[72] Raimbault, Pierre, FR  
[72] Perrin, Henri, FR  
[73] Raimbault, Pierre, FR  
[73] Perrin, Henri, FR  
[85] 1991-12-16  
[86] 1990-06-14 (PCT/FR90/00423)  
[87] (WO90/16051)  
[30] FR (89 07888) 1989-06-14

[11] 2,059,096  
[13] C

[51] Int.Cl. 5A61F 13/20  
[25] EN  
[54] MENSTRUAL HYGIENE  
PRODUCT  
[54] PRODUIT D'HYGIENE  
MENSTRUELLE  
[72] Belecky, June M. B., CA  
[72] Benetti, Sonja R., CA  
[73] Belecky, June M. B., CA  
[73] Benetti, Sonja R.,  
[22] 1992-01-10

[11] 2,059,263  
[13] C

[51] Int.Cl. 5C12P 41/00 5C07D 411/04  
5A61K 31/505  
[25] EN  
[54] COMPOSITION COMPRISING  
THE (-) ENANTIOMER OF CIS-4-  
AMINO-1-(2-HYDROMETHYL-1,3-  
OXATHIOLAN-5-YL)-(1H)-  
PYRIMIDINE-2-ONE OR AN  
ENRICHED COMPOSITION THEREOF,  
AND ITS USES AS A  
PHARMACEUTICAL AGENT  
[54] COMPOSITION RENFERMANT  
L'ENANTIOMERE (-) DE CIS-4-AMINO-  
1-(2-HYDROMETHYL-1,3-  
OXATHIOLAN-5YL)-1H-PYRIMIDIN-2-  
ONE OU UNE COMPOSITION  
ENRICHIE EN CET ENANTIOMERE;  
SON EMPLOI COMME AGENT  
PHARMACEUTIQUE  
[72] Storer, Richard, GB  
[72] Williamson, Christopher, GB  
[72] Coates, Jonathan A. V., GB  
[72] Mutton, Ian M., GB  
[72] Penn, Charles R., GB  
[73] BIOCHEM PHARMA INC., CA  
[85] 1991-12-10  
[86] 1991-05-02 (PCT/GB91/00706)  
[87] (WO91/17159)  
[30] GB (9009861.7) 1990-05-02

[11] 2,060,230  
[13] C

[51] Int.Cl. 5G05B 15/02  
[25] EN  
[54] SYSTEM, METHOD, AND  
PROCESS FOR COMPUTER-  
CONTROLLED MANUFACTURE OF  
THREE-DIMENSIONAL OBJECTS  
FROM COMPUTER DATA  
[54] SYSTEME, METHODE ET  
PROCESSUS DE FABRICATION  
CONTROLEE PAR ORDINATEUR  
D'OBJETS TRIDIMENSIONNELS A  
PARTIR DE DONNEES  
INFORMATIQUES  
[72] Penn, Steven M., US  
[73] TEXAS INSTRUMENTS  
INCORPORATED, US  
[22] 1992-01-29  
[30] US (648,081) 1991-01-31

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[11] **2,060,550**  
[13] C

[51] **Int.Cl. 5H04N 5/91 5H04N 5/78**  
[25] EN  
[54] **MAGNETIC RECORDING APPARATUS**  
[54] **APPAREIL D'ENREGISTREMENT MAGNETIQUE**  
[72] Ono, Koichi, JP  
[72] Okada, Tsunekazu, JP  
[72] Hataoka, Seiichi, JP  
[73] SONY CORPORATION, JP  
[22] 1992-02-03  
[30] JP (P039495/91) 1991-02-08

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[11] **2,061,079**  
[13] C

[51] **Int.Cl. 5F16G 1/28**  
[25] EN  
[54] **LOW NOISE TIMING BELT**  
[54] **COURROIE DE SYNCHRONISATION A BRUIT REDUIT**  
[72] Wong, Chee-Chiu Joseph, US  
[72] Sanborn, Walter J., US  
[73] XEROX CORPORATION, US  
[22] 1992-02-12  
[30] US (722735) 1991-06-27

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[13] C

[51] **Int.Cl. 5C12N 5/10 5A01H 5/00 5A01H 5/06**  
[25] EN  
[54] **POTATO PLANT PRODUCING ESSENTIALLY AMYLOSE-FREE STARCH**  
[54] **PLANT DE POMMES DE TERRE PRODUISANT DE L'AMIDON ESSENTIELLEMENT EXEMPT D'AMYLOSE**  
[72] Visser, Richard G. F., NL  
[72] Jacobsen, Evert, NL  
[72] Feenstra, Willem J., NL  
[73] Cooperatieve Verkoop-en Productievereniging Van Aardappelmeel en, NL  
[22] 1992-02-18

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[11] **2,061,752**  
[13] C

[51] **Int.Cl. 5C08L 7/00 5C08L 9/00 5C08L 19/00 5C08L 9/06 5C08K 3/36**  
[25] FR  
[54] **COMPOSITION DE CAOUTCHOUC ET ENVELOPPES DE PNEUMATIQUES A BASE DE LADITE COMPOSITION**  
[54] **RUBBER COMPOSITION AND PNEUMATICS ENVELOPES MADE OF THE SAME**  
[72] Rauline, Roland, FR  
[73] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[22] 1992-02-24  
[30] FR (91 02 433) 1991-02-25

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[11] **2,062,045**  
[13] C

[51] **Int.Cl. 5A47B 47/00 5A47B 55/00 5A47B 87/00 5A47B 96/00 5A61G 12/00 5E05C 3/12**  
[25] EN  
[54] **CART FOR MEDICATION**  
[54] **CHARIOT POUR MEDICAMENTS**  
[72] Teufel, Rainer B., US  
[72] Friar, Timothy A., US  
[72] Kolada, Paul P., US  
[72] Romick, Jerome M., US  
[72] Taylor, Marc D., US  
[72] Beardsley, Duane, US  
[73] ARTROMICK INTERNATIONAL, INC., US  
[22] 1992-02-28  
[30] US (662,750) 1991-03-01

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[11] **2,064,204**  
[13] C

[51] **Int.Cl. 5E05G 1/00 5G07F 9/06**  
[25] FR  
[54] **SYSTEME DE PROTECTION DE DOCUMENTS OU D'OBJETS ENFERMES DANS UN CONTENANT INVOLABLE**  
[54] **SYSTEM FOR PROTECTING DOCUMENTS OR OBJECTS ENCLOSED IN A TAMPER-PROOF CONTAINER**  
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[72] Geoffroy, Marc, FR  
[72] Genevois, Christophe, FR  
[73] AXYTRANS S.A., FR  
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[86] 1990-07-17 (PCT/FR90/00538)  
[87] (WO91/01428)  
[30] FR (89 09579) 1989-07-17

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[11] **2,064,889**  
[13] C

[51] **Int.Cl. 5C08G 18/48 5A61K 9/22 5A61K 47/34 5C08G 18/66**  
[25] EN  
[54] **POLYMERIC MATERIALS**  
[54] **MATERIAUX POLYMERES**  
[72] Graham, Neil B., GB  
[72] Moran, Christopher R., GB  
[73] BTG INTERNATIONAL LIMITED, GB  
[85] 1992-02-14  
[86] 1990-08-14 (PCT/GB90/01279)  
[87] (WO91/02763)  
[30] GB (8918589.6) 1989-08-15

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[11] **2,066,119**  
[13] C

[51] **Int.Cl. 5B01D 71/48 5B01D 67/00 5B01D 71/26**  
[25] EN  
[54] **HEAT-RESISTING POROUS MEMBRANE, HYDROPHILIZED HEAT-RESISTING POROUS MEMBRANE AND PRODUCTION PROCESSES THEREOF**  
[54] **MEMBRANE POREUSE RESISTANTE A LA CHALEUR, MEMBRANE POREUSE HYDROPHILISEE RESISTANTE A LA CHALEUR ET PROCEDE DE FABRICATION DESDITES MEMBRANES**  
[72] Miyamori, Takao, JP  
[72] Hayashida, Kazuaki, JP  
[72] Kamo, Jun, JP  
[73] Mitsubishi Rayon Co., Ltd., JP  
[22] 1992-04-15

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[11] **2,066,520**  
[13] C

[51] **Int.Cl. 5G06F 7/02 5G06F 15/36 5G06F 15/401**  
[25] EN  
[54] **METHOD OF AND APPARATUS FOR DETERMINING IF A GIVEN DATA POINT FALLS WITHIN A POPULATION OF DATA POINTS**  
[54] **METHODE ET DISPOSITIF PERMETTANT DE DETERMINER SI UN POINT DE DONNEES DONNE FAIT PARTIE D'UNE POPULATION DE POINTS DE DONNEES**  
[72] Keswani, Santosh Tirthdas, US  
[72] Bemis, Peter Francis, US  
[72] Kolste, Steven John, US  
[73] Ferro Corporation, US  
[73] Bemis Manufacturing Company, US  
[22] 1992-04-21  
[30] US (07/686,787) 1991-04-17

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[51] **Int.Cl. 5H01L 27/20 5G01L 9/00**  
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[25] FR  
[54] **SEMICONDUCTOR SENSOR**  
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[72] Mosser, Vincent, FR  
[72] Suski, Jan, FR  
[73] SCHLUMBERGER INDUSTRIES, FR  
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[86] 1990-10-15 (PCT/FR90/00736)  
[87] (WO91/06125)  
[30] FR (89/13383) 1989-10-13

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[13] C  
[51] **Int.Cl. 6C07K 14/78 6C07K 7/08**  
[25] EN  
[54] **FIBRONECTIN BINDING PEPTIDE**  
[54] **PEPTIDE LIANT LA**  
**FIBRONECTINE**  
[72] Raucchi, Guiseppe, IT  
[72] Hoeoek, Magnus, US  
[72] McGavin, Martin, US  
[73] Alfa-Laval Agri International  
Aktiebolag, SE  
[85] 1992-04-09  
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[30] SE (9002617-0) 1990-08-10

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[11] **2,068,212**  
[13] C  
[51] **Int.Cl. 5A61M 5/32 5A61M 5/50**  
[25] EN  
[54] **SYRINGE WITH RETRACTABLE**  
**NEEDLE MOUNT**  
[54] **SERINGUE A EMBOUT**  
**RETRACTABLE**  
[72] Curie, Napoleon, AU  
[72] Mason, David Neven, AU  
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[73] Mason, David Neven, AU  
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[86] 1990-11-08 (PCT/AU90/00537)  
[87] (WO91/07198)  
[30] AU (PJ 7281/89) 1989-11-08

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[11] **2,069,620**  
[13] C  
[51] **Int.Cl. 5A61M 1/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**PREPARATION OF SOLUTIONS FROM**  
**CONCENTRATES**  
[54] **PROCEDE DE PREPARATION DE**  
**SOLUTIONS A PARTIR DE**  
**CONCENTRES ET DISPOSITIF**  
**CORRESPONDANT**  
[72] Senninger, Mark, US  
[72] Kenley, Rodney, US  
[72] Witsoe, David, US  
[72] Bucchianeri, Richard, US  
[72] Deming, Laura Lee, US  
[72] Garcia, Ben, US  
[73] BAXTER INTERNATIONAL INC., US  
[73] Millipore Corporation, US  
[85] 1992-05-26  
[86] 1991-09-27 (PCT/US91/07130)  
[87] (WO92/05814)  
[30] US (7/590,420) 1990-09-28

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[13] C  
[51] **Int.Cl. 5A61N 1/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**PULSED IONTOPHORETIC DRUG**  
**DELIVERY**  
[54] **METHODE ET APPAREIL DE**  
**DELIVRANCE PULSEE DES**  
**MEDICAMENTS PAR IONTOPHORESE**  
[72] McNichols, Larry A., US  
[72] Lattin, Gary A., US  
[73] ALZA CORPORATION, US  
[85] 1992-05-27  
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[87] (WO91/09645)  
[30] US (456,013) 1989-12-22

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[11] **2,069,767**  
[13] C  
[51] **Int.Cl. 5H01L 21/027 5H01J 3/26**  
[25] EN  
[54] **HIGH ACCURACY BEAM**  
**BLANKER**  
[54] **SUPPRESSEUR DE FAISCEAU DE**  
**GRANDE PRECISION**  
[72] Gesley, Mark, US  
[73] ETEC SYSTEMS, INC., US  
[22] 1992-05-28  
[30] US (07/706,612) 1991-05-29

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[51] **Int.Cl. 5C22B 3/06**  
[25] EN  
[54] **NICKEL PROCESSING**  
[54] **TRAITEMENT DU NICKEL**  
[72] Ryan, Michael William, AU  
[72] Motteram, Geoffrey Mayfield, AU  
[72] Becker, Gavin Sidney Milroy, AU  
[73] WESTERN MINERALS  
TECHNOLOGY PTY LTD., AU  
[22] 1992-06-02  
[30] AU (PK6571) 1991-06-07  
[30] AU (PL1312) 1992-03-13

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[13] C  
[51] **Int.Cl. 5C07D 213/84 5C07C 237/22**  
**5C07C 317/40 5C07C 237/42 5C07C 255/**  
**60**  
[25] FR  
[54] **AGENT EDULCORANT DERIVANT**  
**DE L'ACIDE L-ASPARTIQUE OU L-**  
**GLUTAMIQUE; SON PROCEDE DE**  
**PREPARATION**  
[54] **1-ASPARTIC OR 1-GLUTAMIC**  
**ACID-DERIVED SWEETENER AND**  
**PROCESS FOR ITS PREPARATION**  
[72] Nofre, Claude, FR  
[72] Tinti, Jean-Marie, FR  
[73] Nofre, Claude, FR  
[73] Tinti, Jean-Marie, FR  
[85] 1992-04-16  
[86] 1990-10-24 (PCT/FR90/00765)  
[87] (WO91/06224)  
[30] FR (89 14236) 1989-10-24

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[11] **2,070,647**  
[13] C  
[51] **Int.Cl. 5A61K 49/00 5G01N 33/58**  
[25] EN  
[54] **USE OF AN ANTICOAGULANT AS**  
**A DIAGNOSTIC AGENT**  
[54] **UTILISATION D'UN**  
**ANTICOAGULANT COMME AGENT**  
**DIAGNOSTIQUE**  
[72] Reutelingsperger, Christiaan, NL  
[73] BOEHRINGER INGELHEIM  
INTERNATIONAL GMBH, DE  
[85] 1992-06-04  
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[87] (WO91/09628)  
[30] DE (P 39 42 988.1) 1989-12-27

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[11] **2,070,687**  
[13] C

[51] **Int.Cl. 5A61K 35/74 5A23C 9/12**  
[25] EN  
[54] **PHARMACEUTICAL PREPARATION FOR CONTROLLING PATHOGENIC INTESTINAL BACTERIA**  
[54] **PREPARATION PHARMACEUTIQUE POUR LA SUPPRESSION DES BACTERIES INTESTINALES PATHOGENES**  
[72] Grahn, Eva Elisabeth, SE  
[72] Holm, Stig Edvin Folke, SE  
[73] Grahn, Eva Elisabeth, SE  
[73] Holm, Stig Edvin Folke, SE  
[85] 1992-06-18  
[86] 1990-12-19 (PCT/SE90/00850)  
[87] (WO91/09608)  
[30] SE (8904332-7) 1989-12-22

[11] **2,071,500**  
[13] C

[51] **Int.Cl. 5H04N 7/167**  
[25] EN  
[54] **OPTIMUM AMPLITUDE AND FREQUENCY OF JAMMING CARRIER IN INTERDICTION PROGRAM DENIAL SYSTEM**  
[54] **OPTIMISATION DE L'AMPLITUDE ET DE LA FREQUENCE DE LA PORTEUSE DE BROUILLAGE DANS UN SYSTEME DE CABLODISTRIBUTION A BROUILLAGE DE PROGRAMMES**  
[72] West, Lamar E., Jr., US  
[72] Blusiewicz, Philip A., US  
[72] Farmer, James O., US  
[73] Blonder Tongue Laboratories, Inc., US  
[85] 1992-06-04  
[86] 1990-12-06 (PCT/US90/07185)  
[87] (WO91/08651)  
[30] US (446,602) 1989-12-06

[11] **2,073,291**  
[13] C

[51] **Int.Cl. 5A47J 37/04**  
[25] EN  
[54] **COMPACT, HIGH-CAPACITY OVEN**  
[54] **FOUR COMPACT DE GRANDE CAPACITE**  
[72] Caridis, Andrew Anthony, US  
[72] Benson, Clark Kertell, US  
[72] Leary, Steven George, US  
[72] Jurevskies, Harold K., US  
[73] Heat and Control, Inc., US  
[22] 1992-07-07  
[30] US (745,437) 1991-08-15  
[30] US (873,379) 1992-04-24

[11] **2,073,768**  
[13] C

[51] **Int.Cl. 5A01N 63/02**  
[25] EN  
[54] **ANTI-MICROBIAL COMPOSITIONS**  
[54] **COMPOSITIONS ANTIMICROBIENNES**  
[72] Galley, Edward, GB  
[72] Godfrey, Dene Clifford, GB  
[72] Guthrie, Walter Graham, GB  
[72] Hodgkinson, Darren Michael, GB  
[72] Linnington, Helen Louise, GB  
[73] Boots Company PLC (The), GB  
[85] 1992-07-13  
[86] 1991-01-30 (PCT/EP91/00208)  
[87] (WO91/11105)

[11] **2,074,089**  
[13] C

[51] **Int.Cl. 5C12P 21/08 5C12N 15/13 6C07K 16/42 6C07K 14/435**  
[25] EN  
[54] **EXTRACELLULAR SEGMENTS OF HUMAN E IMMUNOGLOBULIN ANCHORING PEPTIDES AND ANTIBODIES SPECIFIC THEREFOR**  
[54] **SEGMENTS EXTRACELLULAIRES DES PEPTIDES D'ANCRAGE DE L'IMMUNOGLOBULINE E HUMAINE, ET ANTICORPS SPECIFIQUES**  
[72] Chang, Tse-Wen, US  
[73] Tanox Biosystems, Inc., US  
[85] 1992-07-16  
[86] 1991-01-23 (PCT/US91/00491)  
[87] (WO91/11456)  
[30] US (468,766) 1990-01-23  
[30] US (515,604) 1990-04-27  
[30] US (630,077) 1990-12-19

[11] **2,074,805**  
[13] C

[51] **Int.Cl. 5C22C 45/02 5C22C 38/06 5H01F 1/153**  
[25] EN  
[54] **FE-BASE SOFT MAGNETIC ALLOY**  
[54] **ALLIAGE MAGNETIQUE DOUX A BASE DE FER**  
[72] Watanabe, Hiroshi, JP  
[72] Saito, Hitoshi, JP  
[73] MITSUI CHEMICALS INC., JP  
[85] 1992-07-28  
[86] 1991-11-29 (PCT/JP91/01677)  
[87] (WO92/09714)  
[30] JP (2/334452) 1990-11-30

[11] **2,075,467**  
[13] C

[51] **Int.Cl. 5G01R 11/36 5G01D 5/34**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INTRODUCING METER SENSOR HYSTERESIS**  
[54] **SYSTEME ET METHODE DE LECTURE A DISTANCE D'UN COMPTEUR D'ELECTRICITE**  
[72] Swanson, Scott C., US  
[73] SCHLUMBERGER RESOURCE MANAGEMENT SERVICES, INC., US  
[22] 1992-08-06  
[30] US (07/741,007) 1991-08-06

[11] **2,076,901**  
[13] C

[51] **Int.Cl. 5C12N 15/12 5C07H 21/00 5C12P 21/08 5C12N 5/10 6C07K 16/28 6C07K 14/705**  
[25] EN  
[54] **KAINATE-BINDING, HUMAN CNS RECEPTORS OF THE EAA2 FAMILY**  
[54] **LIANT LA KAINATE, RECEPTEURS DU SNC HUMAIN DE LA FAMILLE 1 DES AAE**  
[72] Kamboj, Rajender, CA  
[72] Nutt, Stephen L., CA  
[72] Shekter, Lee, CA  
[72] Wosnick, Michael A., CA  
[73] NPS ALLELIX CORP., CA  
[22] 1992-08-26  
[30] US (07/750,081) 1991-08-27

[11] **2,077,252**  
[13] C

[51] **Int.Cl. 5C07D 405/06 5C07C 279/04 5C07D 413/06 5C07D 243/08 5C07D 405/14 5C07D 413/14 5C07D 295/205 5A61K 31/275 5C07C 275/40 5A61K 31/495 5A61K 31/55 5C07C 275/70**  
[25] EN  
[54] **METHODS OF MAKING UREAS AND GUANIDINES, AND INTERMEDIATES THEREFOR**  
[54] **METHODES DE FABRICATION D'UREES ET DE GUANIDINES ET COMPOSES INTERMEDIAIRES SERVANT A CES SYNTHESSES**  
[72] Hall, Darren, CA  
[72] KARIMIAN, KHASHAYAR, CA  
[72] Murthy, Keshava, CA  
[73] Brantford Chemicals Inc., CA  
[22] 1992-08-31

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[13] C

[51] Int.Cl. 5G01R 15/00 5H02J 7/04  
[25] EN  
[54] ARRANGEMENT FOR ACCURATELY SENSING VOLTAGE OF A HIGH-IMPEDANCE SOURCE AND SUPPLYING POWER TO A VARIABLE BURDEN  
[54] CONFIGURATION DESTINEE A LA DETECTION PRECISE DES CHUTES DE TENSION DANS UN CIRCUIT A GRANDE IMPEDANCE ET A L'ALIMENTATION D'UNE CHARGE VARIABLE  
[72] Zulaski, John A., US  
[73] S & C Electric Company, US  
[22] 1992-09-17  
[30] US (07/761,590) 1991-09-18

[11] 2,081,150  
[13] C

[51] Int.Cl. 5A61K 39/395 5G01N 33/564 5G01N 33/566 5G01N 33/577  
[25] EN  
[54] USE OF ANTIBODY-CONTAINING PREPARATIONS FOR IMMUNOSUPPRESSION  
[54] UTILISATION DE PREPARATIONS CONTENANT DES ANTICORPS POUR L'IMMUNOSUPPRESSION  
[72] Zuller, Margot, DE  
[72] Herrlich, Peter, DE  
[72] Ponta, Helmut, DE  
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM HEIDELBERG, Stiftung des uffentlichen, DE  
[73] Forschungszentrum Karlsruhe, Gesellschaft mit beschränkter Haftung, DE  
[22] 1992-10-22  
[30] DE (P 41 34 982.2) 1991-10-23

[11] 2,082,311  
[13] C

[51] Int.Cl. 5F26B 3/00 5C02F 11/16  
[25] EN  
[54] MODULAR RADIANT PLATE DRYING APPARATUS  
[54] INSTALLATION DE SECHAGE PAR RAYONNEMENT MODULAIRE  
[72] Bothe, Juergen, CA  
[72] Tansowny, John, CA  
[72] Wasliw, Ed, CA  
[72] Wolanski, Zbig, CA  
[72] Pizio, Steve, CA  
[72] Razzell, Jim, CA  
[72] Ruefli, Alfred, CA  
[73] RADIANT PLATE DRYING SYSTEMS INC., CA  
[22] 1992-11-06

[11] 2,082,431  
[13] C

[51] Int.Cl. 5H04L 7/033  
[25] EN  
[54] METHOD AND APPARATUS FOR TIMING RECOVERY IN DIGITAL DATA COMMUNICATIONS SYSTEMS  
[54] METHODE ET DISPOSITIF DE RESTITUTION DE SIGNAUX D'HORLOGE POUR SYSTEMES DE TRANSMISSION DE DONNEES NUMERIQUES  
[72] Capkun, Edward Anthony, CA  
[72] Arnon, Ephraim, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[85] 1992-11-06  
[86] 1991-05-23 (PCT/CA91/00172)  
[87] (WO91/19371)  
[30] US (07/531,446) 1990-05-31

[11] 2,086,731  
[13] C

[51] Int.Cl. 5H04N 9/79 5H04N 9/68  
[25] EN  
[54] CIRCUIT FOR REGULATING THE COLOR SUBCARRIER AMPLITUDE IN A VIDEO RECORDER  
[54] CIRCUIT POUR STABILISER L'AMPLITUDE DE LA SOUS-PORTEUSE DE CHROMINANCE DANS UN MAGNETOSCOPE  
[72] Sowig, Helmut, DE  
[73] DEUTSCHE THOMSON-BRANDT GMBH, DE  
[22] 1993-01-05  
[30] DE (P 42 01 564.2) 1992-01-22

[11] 2,086,974  
[13] C

[51] Int.Cl. 5C07D 405/14 5A61K 31/505  
[25] EN  
[54] R(+)-TERAZOSIN  
[54] R(+)-TERAZOSINE  
[72] Kyncl, John J., US  
[72] Horrom, Bruce W., US  
[73] ABBOTT LABORATORIES, US  
[22] 1993-01-08

[11] 2,090,755  
[13] C

[51] Int.Cl. 5G09F 3/10 5B31D 1/02  
[25] EN  
[54] LABELS AND MANUFACTURE THEREOF  
[54] ETIQUETTES; METHODE DE FABRICATION  
[72] Instance, David John, GB  
[73] Instance, David John, GB  
[85] 1993-02-24  
[86] 1991-08-30 (PCT/GB91/01471)  
[87] (WO92/04703)  
[30] GB (9019032.3) 1990-08-31

[11] 2,094,369  
[13] C

[51] Int.Cl. 5C22C 21/00 5C22C 32/00  
[25] EN  
[54] ALUMINUM-BASE METAL MATRIX COMPOSITE  
[54] MATERIAU COMPOSITE A BASE D'ALUMINIUM  
[72] Rohatgi, Pradeep Kumar, US  
[72] BELL, James Alexander Evert, CA  
[72] STEPHENSON, Thomas Francis, CA  
[73] INCO LIMITED, CA  
[22] 1993-04-19  
[30] US (07/871,274) 1992-04-21  
[30] US (08/033,250) 1993-03-16

[11] 2,095,077  
[13] C

[51] Int.Cl. 5A61L 15/28 5A61L 15/24 5A61L 15/32 5A61L 15/38 5A61L 15/44 5A61L 15/60 5A61K 9/70  
[25] EN  
[54] FREEZE-DRIED PAD  
[54] COUSSIN LYOPHILISE  
[72] Cheong, Catherine L., GB  
[73] JOHNSON & JOHNSON MEDICAL INC., US  
[22] 1993-04-28  
[30] GB (9209327.7) 1992-04-30

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[11] **2,097,544**  
[13] C

[51] **Int.Cl. 5H02B 1/46 5H05K 7/00**  
[25] EN  
[54] **SELF-LOCKING DIVIDER PLATE FOR AN ELECTRICAL BOX**  
[54] **PLAQUE DE COMPARTIMENTAGE DE BOITIER ELECTRIQUE AUTO-VERROUILLANTE**  
[72] Fabian, Mark Edward, CA  
[72] Michaud, Serge, CA  
[73] COMMANDER ELECTRICAL MATERIALS INC., CA  
[22] 1993-06-02

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[11] **2,098,385**  
[13] C

[51] **Int.Cl. 5C08L 23/16 5C08L 23/02 5B60R 13/02 5B32B 27/32**  
[25] EN  
[54] **WEATHER-RESISTANT, PLASTICIZER-FREE, DEEP-DRAWABLE FILM**  
[54] **FILM RESISTANT AUX INTEMPERIES, SANS PLASTIFIANT, SE PRETANT A UN EMBOUTISSAGE PROFOND**  
[72] Kopytko, Walter, DE  
[73] BENECKE-KALIKO AKTIENGESELLSCHAFT, DE  
[85] 1993-06-14  
[86] 1992-10-14 (PCT/EP92/02358)  
[87] (WO93/08232)  
[30] DE (P 41 34 111.2) 1991-10-15

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[11] **2,098,614**  
[13] C

[51] **Int.Cl. 5B29C 43/20 5B32B 31/00 5B32B 3/14**  
[25] EN  
[54] **METHOD FOR FORMING STRUCTURAL PANELS HAVING A CORE WITH THERMOPLASTIC RESIN FACINGS WITH A DECORATIVE FILM ADHERED TO ONE OF THE FACINGS AND PANEL FORMED THEREBY**  
[54] **METHODE POUR FORMER DES PANNEAUX STRUCTURELS A AME REVETUE DE RESINE THERMOPLASTIQUE AVEC REVETEMENT DECORATIF ET PANNEAU AINSI FORME**  
[72] Effing, Michael Joseph, US  
[72] Nollen, Dennis Arthur, US  
[72] Okine, Richard Kafue, US  
[72] Walrave, Albertus Pieter, US  
[73] CYTEC TECHNOLOGY CORP., US  
[85] 1993-06-16  
[86] 1991-12-12 (PCT/US91/09146)  
[87] (WO92/11121)  
[30] US (07/631,436) 1990-12-21

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[11] **2,099,132**  
[13] C

[51] **Int.Cl. 5C23C 14/32 5H01J 37/305**  
[25] EN  
[54] **DEVICE AND PROCESS FOR THE VAPORISATION OF MATERIAL**  
[54] **INSTALLATION ET PROCEDE POUR LA VAPORISATION DE MATERIEL**  
[72] Ehrich, Horst, DE  
[72] Hasse, Brunhilde, DE  
[72] Hinz, Hans-Peter, DE  
[72] Mausbach, Michael, DE  
[73] Plasco Dr. Ehrich Plasma-Coating GmbH, DE  
[85] 1993-06-23  
[86] 1991-12-31 (PCT/EP91/02525)  
[87] (WO92/12275)  
[30] DE (P 41 00 541.4) 1991-01-10

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[11] **2,101,115**  
[13] C

[51] **Int.Cl. 5G08B 13/22**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SENSING TAMPERING OF UTILITY METER**  
[54] **APPAREIL ET METHODE DE DETECTION DE LA FRAUDE D'UN COMPTEUR DE SERVICES PUBLICS**  
[72] Carney, Murray C., US  
[73] SCHLUMBERGER RESOURCE MANAGEMENT SERVICES, INC., US  
[22] 1993-07-22  
[30] US (07/918,105) 1992-07-24

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[11] **2,101,486**  
[13] C

[51] **Int.Cl. 5B21B 17/00**  
[25] EN  
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[54] **APPAREIL POUR FACONNER EN CONTINU UN TUBE METALLIQUE**  
[72] Steinmair, Karl, AT  
[72] Aigner, Erwin, AT  
[72] Kitzinger, Gert, AT  
[73] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT  
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[30] AT (A 1569/92) 1992-08-03

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[11] **2,103,111**  
[13] C

[51] **Int.Cl. 5C22C 38/20 5B21C 37/04**  
[25] EN  
[54] **HOT ROLLED STEEL WIRE ROD, FINE STEEL WIRE AND TWISTED STEEL WIRE, AND MANUFACTURE OF THE FINE STEEL WIRE**  
[54] **FIL MACHINE EN ACIER LAMINE A CHAUD, FIL D'ACIER FIN ET FIL D'ACIER TORSADÉ, ET PROCEDE DE FABRICATION DU FIL D'ACIER FIN**  
[72] Minamida, Takaaki, JP  
[72] Katsube, Kozo, JP  
[72] Mizutani, Katsuji, JP  
[72] Murahashi, Mamoru, JP  
[72] Ochiai, Kenji, JP  
[72] Oki, Yasuhiro, JP  
[72] Ibaraki, Nobuhiko, JP  
[72] Shohzaki, Tamotsu, JP  
[72] Mitani, Yoshihiro, JP  
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.), JP  
[22] 1993-11-15  
[30] JP (Hei. 4-305488) 1992-11-16  
[30] JP (Hei. 5-75765) 1993-04-01  
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[11] 2,104,294  
[13] C

[51] Int.Cl. 5H04N 1/40  
[25] EN  
[54] METHOD AND APPARATUS FOR GENERATING DIGITAL, ANGLED HALFTONE SCREENS  
[54] METHODE ET DISPOSITIF DE GENERATION D'ECRANS INCLINES EN SIMILIGRAVURE  
[72] Troxel, Donald E., US  
[73] ECRM Incorporated, US  
[85] 1993-08-17  
[86] 1991-12-05 (PCT/US91/09130)  
[87] (WO92/15170)  
[30] US (660,691) 1991-02-25

[11] 2,104,934  
[13] C

[51] Int.Cl. 5H01J 9/50  
[25] EN  
[54] METHOD OF REPROCESSING PICTURE TUBES  
[54] METHODE DE RE-USINAGE DE TUBES-IMAGE  
[72] Wolf, Jürgen, DE  
[73] HETZEL & CO. ELEKTRONIK-RECYCLING GmbH, DE  
[22] 1993-08-26  
[30] EP (92 115 511.5) 1992-09-10

[11] 2,105,432  
[13] C

[51] Int.Cl. 5B23C 5/20 5B23B 27/16  
[25] EN  
[54] A CUTTING INSERT FOR A MILLING CUTTER  
[54] PIECE RAPPORTEE TRANCHANTE POUR UN OUTIL DE COUPE  
[72] Satran, Amir, IL  
[72] Smilovici, Carol, IL  
[73] Iscar Ltd., IL  
[22] 1993-09-02  
[30] US (940,083) 1992-09-03

[11] 2,105,520  
[13] C

[51] Int.Cl. 5B23C 5/20 5B23B 27/16  
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[54] PLAQUETTE AMOVIBLE D'USINAGE  
[72] Satran, Amir, IL  
[72] Man, Yiri, IL  
[73] Iscar Ltd., IL  
[22] 1993-09-03  
[30] IL (103115) 1992-09-09

[11] 2,105,866  
[13] C

[51] Int.Cl. 5G06F 12/10  
[25] EN  
[54] METHOD AND APPARATUS FOR BUFFERING DATA WITHIN STATIONS OF A COMMUNICATION NETWORK  
[54] METHODE ET APPAREIL DE MISE DE DONNEES EN MEMOIRE TAMPON DANS LES STATIONS D'UN RESEAU DE COMMUNICATION  
[72] Hendel, Ariel, US  
[72] Brinkerhoff, Kenneth W., US  
[73] STANDARD MICROSYSTEMS CORPORATION, US  
[85] 1993-09-09  
[86] 1992-04-28 (PCT/US92/03502)  
[87] (WO92/20028)  
[30] US (693,637) 1991-04-30

[11] 2,107,576  
[13] C

[51] Int.Cl. 5G01V 1/40  
[25] EN  
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[72] Rorden, Louis H., US  
[72] Dailey, Patrick E., US  
[72] Barron, Charles Dwain, US  
[73] HALLIBURTON COMPANY, US  
[73] BAKER HUGHES INC., US  
[85] 1993-10-01  
[86] 1992-04-17 (PCT/US92/03183)  
[87] (WO92/18882)  
[30] US (686,772) 1991-04-17

[11] 2,111,196  
[13] C

[51] Int.Cl. 5C09K 5/04 5F25B 9/00 5F01M 9/12 5C10M 129/18  
[25] EN  
[54] AMMONIA REFRIGERATING MACHINE, WORKING FLUID COMPOSITION FOR USE IN REFRIGERATING MACHINE, AND METHOD FOR LUBRICATING AMMONIA REFRIGERATING MACHINE  
[54] MACHINE FRIGORIFIQUE A L'AMMONIAC, MELANGE DE FLUIDE DE TRAVAIL DESTINE A ETRE UTILISE DANS LA MACHINE, ET METHODE SERVANT A LUBRIFIER UNE TELLE MACHINE  
[72] Yano, Hisashi, JP  
[72] Kaimai, Takashi, JP  
[72] Kasahara, Keisuke, JP  
[72] Kawamura, Kuniaki, JP  
[73] Mayekawa Mfg. Co., Ltd., JP  
[73] Japan Energy Corporation, JP  
[85] 1993-12-10  
[86] 1992-11-27 (PCT/JP92/01551)  
[87] (WO94/12594)

[11] 2,111,891  
[13] C

[51] Int.Cl. 5C08L 75/04 5C08L 101/06  
[25] EN  
[54] THERMOPLASTIC POLYURETHANE WITH REDUCED CYCLE TIME  
[54] POLYURETHANNE THERMOPLASTIQUE A TEMPS DE CYCLE REDUIT  
[72] Huarng, Roger J.-C., US  
[73] BASF CORPORATION, US  
[22] 1993-12-20  
[30] US (07/993,560) 1992-12-21

[11] 2,113,862  
[13] C

[51] Int.Cl. 5G02B 6/44 5G01V 3/08 5G02B 6/22  
[25] EN  
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[54] CABLES A FIBRES OPTIQUES A DIELECTRIQUE LOCALISABLES MAGNETIQUEMENT  
[72] Arroyo, Candido John, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1994-01-20  
[30] US (023,538) 1993-02-26

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[13] C

[51] **Int.Cl. 5G09G 5/36**  
[25] EN  
[54] **SYSTEM FOR, AND METHOD OF, DISPLAYING INFORMATION FROM A GRAPHICS MEMORY AND A VIDEO MEMORY ON A DISPLAY MONITOR**  
[54] **SYSTEME ET METHODE D’AFFICHAGE D’INFORMATIONS SUR UN MONITEUR A PARTIR D’UNE MEMOIRE GRAPHIQUE ET D’UNE MEMOIRE VIDEO**  
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[72] Coffey, Conrad M., US  
[72] Easley, Jeffrey L., US  
[73] Brooktree Corporation, US  
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[11] **2,117,056**  
[13] C

[51] **Int.Cl. 5G07D 5/00**  
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[54] **COIN DISCRIMINATION APPARATUS**  
[54] **DISPOSITIF POUR LE TRIAGE DES PIECES DE MONNAIE**  
[72] Kershaw, John, GB  
[72] Hutton, Lesley, GB  
[73] Coin Controls Limited, GB  
[85] 1994-03-04  
[86] 1992-04-30 (PCT/GB92/00791)  
[87] (WO93/06569)  
[30] GB (9120315.8) 1991-09-24

[11] **2,117,532**  
[13] C

[51] **Int.Cl. 5A61K 31/70 5A61K 31/12 5A61K 31/56 5A61K 31/66**  
[25] EN  
[54] **METHOD OF INHIBITING CARCINOGENESIS BY TREATMENT WITH DEHYDROPIANDROSTERONE AND ANALOGS THEREOF**  
[54] **METHODE D’INHIBITION DE LA CANCEROGENESE PAR TRAITEMENT AU MOYEN DE LA DEHYDROEPIANDROSTERONE ET DE SES ANALOGUES**  
[72] Nyce, Jonathan W., US  
[73] East Carolina University, US  
[85] 1994-08-23  
[86] 1993-02-23 (PCT/US93/01637)  
[87] (WO93/16704)  
[30] US (840,510) 1992-02-24

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[13] C

[51] **Int.Cl. 5C07D 295/096 5A61K 31/495**  
[25] FR  
[54] **NOUVEAUX COMPOSES DE N-BENZYLPIPERAZINE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES LES RENFERMANT**  
[54] **NEW N-BENZYLPIPERAZINE COMPOUNDS, THEIR PREPARATION PROCESS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] Wierzbicki, Michel, FR  
[72] Lepagnol, Jean, FR  
[72] Tillement, Jean-Paul, FR  
[72] Testa, Bernard, FR  
[72] Rolland, Yves, FR  
[73] ADIR ET COMPAGNIE, FR  
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[30] FR (93.03364) 1993-03-24

[11] **2,120,177**  
[13] C

[51] **Int.Cl. 5C22B 25/00**  
[25] EN  
[54] **METHOD FOR RECOVERING AND REPRODUCING TINNING LIQUID**  
[54] **PROCEDE POUR LA RECUPERATION ET LA REGENERATION DE LIQUIDE D’ETAMAGE**  
[72] Akao, Kenichiro, JP  
[72] Ogata, Hajime, JP  
[72] Kikuchi, Toshihiro, JP  
[72] Mochizuki, Kazuo, JP  
[72] Yamato, Koji, JP  
[73] KAWASAKI STEEL CORPORATION, JP  
[22] 1994-03-29  
[30] JP (095849/93) 1993-04-22

[11] **2,123,787**  
[13] C

[51] **Int.Cl. 6A61K 38/17 5A61K 35/16**  
[25] EN  
[54] **METHOD OF TREATING NON-STREPTOCOCCAL BACTERIAL INFECTIONS**  
[54] **METHODE DE TRAITEMENT DES INFECTIONS BACTERIENNES NON STREPTOCOCCIQUES**  
[72] Potempa, Lawrence A., US  
[73] Immtech International Incorporated, US  
[85] 1994-05-17  
[86] 1992-11-23 (PCT/US92/10131)  
[87] (WO93/10800)  
[30] US (07/800,508) 1991-11-27

[11] **2,124,279**  
[13] C

[51] **Int.Cl. 5A47B 53/00**  
[25] EN  
[54] **STORAGE RECEPTACLE FOR STORING OF OBJECTS IN A PLURALITY OF RECEPTACLES**  
[54] **ENCEINTE DE RANGEMENT D’OBJETS INTEGREE DANS PLUSIEURS ENCEINTES**  
[72] Groebly, Walter, CH  
[73] Groebly, Walter, CH  
[22] 1994-05-25  
[30] DE (P 43 17 422.1) 1993-05-26

[11] **2,124,295**  
[13] C

[51] **Int.Cl. 5B01D 67/00**  
[25] EN  
[54] **SELECTIVE CLOGGING OF FAILED FIBERS**  
[54] **ENGORGEMENT SELECTIF DE FIBRES DEFECTUEUSES**  
[72] Soffer, Abraham, IL  
[72] Saguee, Shlomo, IL  
[72] Golub, Dan, IL  
[72] Cohen, Haim, IL  
[72] Azariah, Moshe, IL  
[73] Rotem Industries Ltd., IL  
[73] AGA AKTIEBOLAG, SE  
[22] 1994-05-25  
[30] IL (105875) 1993-06-01

[11] **2,124,344**  
[13] C

[51] **Int.Cl. 5H01T 19/00 5H01J 49/10**  
[25] EN  
[54] **CORONA DISCHARGE IONISATION SOURCE**  
[54] **SOURCE D’IONISATION PAR DECHARGE CORONAIRE**  
[72] Taylor, Stephen John, GB  
[72] Turner, Robert Brian, GB  
[72] Arnold, Paul Douglas, GB  
[73] GRASEBY DYNAMICS LIMITED, GB  
[85] 1994-05-25  
[86] 1992-12-03 (PCT/GB92/02242)  
[87] (WO93/11554)  
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[30] GB (9213180.4) 1992-06-22

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[13] C  
[51] **Int.Cl. 5G03F 7/039 5G03F 7/004**  
[25] EN  
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[54] **PRODUITS DE RESERVE**  
[72] Chin, Evelyn, US  
[72] Houlihan, Francis Michael, US  
[72] Nalamasu, Omkaram, US  
[73] Chin, Evelyn, US  
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[73] Nalamasu, Omkaram, US  
[22] 1994-06-16  
[30] US (079,310) 1993-06-17

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[11] **2,126,043**  
[13] C  
[51] **Int.Cl. 5F04D 7/04**  
[25] EN  
[54] **CENTRIFUGAL PUMP FOR PUMPING FIBROUS SUSPENSIONS**  
[54] **POMPE CENTRIFUGE POUR LE POMPAGE DE MATIERES FIBREUSES EN SUSPENSION**  
[72] Wilson, George E., US  
[72] Roll, Daniel R., US  
[73] Wilson, George E., US  
[73] Roll, Daniel R., US  
[22] 1994-06-16  
[30] US (08/078,575) 1993-06-17

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[11] **2,128,209**  
[13] C  
[51] **Int.Cl. 5A61F 13/00 5A61F 7/02**  
[25] EN  
[54] **A HEAT CONSERVING BANDAGE**  
[54] **BANDAGE CONSERVANT LA CHALEUR**  
[72] Talbot, David W., GB  
[73] DOBLOUG TALBOT, ANETTE, NO  
[85] 1994-07-15  
[86] 1992-01-17 (PCT/NO92/00009)  
[87] (WO93/13735)

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[13] C  
[51] **Int.Cl. 5G06F 15/403**  
[25] EN  
[54] **METHOD AND SYSTEM FOR LOCATING FIELD BREAKS WITHIN INPUT DATA**  
[54] **METHODE ET DISPOSITIF POUR LOCALISER LES INTERRUPTIONS DANS LES CHAMPS DE DONNEES**  
[72] Comer, Ross W., US  
[72] Solomon, Cynthia Ann, US  
[73] MICROSOFT CORPORATION, US  
[22] 1994-08-12  
[30] US (08/122,891) 1993-09-15

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[11] \* **2,130,071**  
[13] C  
[51] **Int.Cl. 5F16K 27/00**  
[25] FR  
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[54] **PRESSURE SEAL FOR MUNICIPAL VALVE BOX**  
[72] SIMARD, Marcel, CA  
[73] SIMARD, Marcel, CA  
[22] 1994-08-12

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[11] **2,130,436**  
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[51] **Int.Cl. 5C12N 15/13 5C12P 21/08 5C12N 5/10 6C07K 16/24 5C12N 5/26 5A61K 39/395 5G01N 33/531 5G01N 33/577 5G01N 33/74**  
[25] EN  
[54] **CLONING AND EXPRESSION OF HUMANIZED MONOCLONAL ANTIBODIES AGAINST HUMAN INTERLEUKIN-4**  
[54] **CLONAGE ET EXPRESSION DES ANTICORPS MONOCLONAUX HUMANISES DIRIGES CONTRE L'INTERLEUKINE-4 HUMAINE**  
[72] Abrams, John S., US  
[72] Dalie, Barbara, US  
[72] Le, Hung V., US  
[72] Miller, Kenneth, US  
[72] Murgolo, Nicholas J., US  
[72] Nguyen, Hanh, US  
[72] Pearce, Michael, US  
[72] Tindall, Stephen, US  
[72] Zavodny, Paul J., US  
[73] SCHERING CORPORATION, US  
[85] 1994-08-18  
[86] 1993-02-18 (PCT/US93/01301)  
[87] (WO93/17106)  
[30] US (07/841,659) 1992-02-19

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[13] C  
[51] **Int.Cl. 5C07D 413/14 5C07D 401/00 5C07D 403/00 5C07D 417/14 5A61K 31/40 5A61K 31/41 5A61K 31/445**  
[25] EN  
[54] **INDOLE DERIVATIVES AS 5-HT1 ANTAGONISTS**  
[54] **DERIVES DE L'INDOLE COMME ANTAGONISTES DE 5-HT1**  
[72] Macor, John Eugene, US  
[72] Wythes, Martin James, GB  
[73] PFIZER INC., US  
[85] 1994-09-30  
[86] 1993-03-10 (PCT/US93/01967)  
[87] (WO93/20073)  
[30] US (07/864,737) 1992-04-07

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[13] C  
[51] **Int.Cl. 5C07C 11/02 5C07C 2/26**  
[25] EN  
[54] **OLEFIN PRODUCTION**  
[54] **PROCEDE POUR L'OBTENTION D'OLEFINES**  
[72] Lashier, Mark E., US  
[72] Freeman, Jeffrey W., US  
[72] Knudsen, Ronald D., US  
[73] PHILLIPS PETROLEUM COMPANY, US  
[22] 1994-10-27  
[30] US (08/199,861) 1994-02-18

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[13] C  
[51] **Int.Cl. 5C07F 17/00 5C08F 10/00 5C07C 13/567 5C08F 4/642 5C08F 4/76**  
[25] EN  
[54] **ORGANOMETALLIC FLUORENYL COMPOUNDS, PREPARATION, AND USE**  
[54] **FLUORENOLS ORGANOMETALLIQUES; PREPARATION ET UTILISATION**  
[72] Alt, Helmut G., DE  
[72] Palackal, Syriac J., US  
[72] Zenk, Roland, DE  
[72] Welch, M. Bruce, US  
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[73] PHILLIPS PETROLEUM COMPANY, US  
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[25] EN  
[54] **ACETYLENE CONVERTER MODERATORS**  
[54] **AGENTS MODIFICATEURS POUR CONVERTISSEUR D'ACETYLENE**  
[72] Slim, David R., US  
[72] Mohundro, Edgar L., US  
[72] Mayo, Stephen M., US  
[73] **EXXON CHEMICAL PATENTS INC., US**  
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[87] (WO93/23499)  
[30] US (881,902) 1992-05-12

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[13] C

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[25] EN  
[54] **USE OF GLYCERIN IN MODERATING TRANSDERMAL DRUG DELIVERY**  
[54] **EMPLOI DE LA GLYCERINE POUR MODERER L'ADMINISTRATION DE MEDICAMENTS PAR VOIE TRANSDERMALE**  
[72] Heiber, Werner E., US  
[72] Ebert, Charles D., US  
[72] Patel, Dinesh C., US  
[72] Venkateshwaran, Srinivasan, US  
[73] **Theratech, Inc., US**  
[85] 1994-11-15  
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[87] (WO93/25168)  
[30] US (07/897,269) 1992-06-11

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[13] C

[51] **Int.Cl. 5H04J 3/02 5H04N 7/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR SCHEDULING THE TRANSFER OF DATA SEQUENCES**  
[54] **METHODE ET SYSTEME D'ORDONNANCEMENT DE TRANSFERTS DE SUITES DE DONNEES**  
[72] Fitzgerald, Robert P., US  
[72] Barrera, Joseph S., III, US  
[72] Bolosky, William J., US  
[72] Draves, Richard P., Jr., US  
[72] Jones, Michael B., US  
[72] Levi, Steven P., US  
[72] Rashid, Richard F., US  
[72] Gibson, Garth A., US  
[72] Myhrvold, Nathan P., US  
[73] **MICROSOFT CORPORATION, US**  
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[13] C

[51] **Int.Cl. 5C08L 21/00 5C08L 101/00 5B32B 25/08 5B32B 25/12**  
[25] FR  
[54] **ALLIAGES DE THERMOPLASTIQUE ET CAOUTCHOUC ADHERENTS SUR DES THERMOPLASTIQUES**  
[54] **THERMOPLASTIC ALLOYS AND RUBBER ADHERING TO THERMOPLASTICS**  
[72] Hert, Marius, FR  
[72] Alex, Patrick, FR  
[72] Cerf, Martine, FR  
[72] Dousson, Christian, FR  
[73] **ELF ATOCHEM, S.A., FR**  
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[30] FR (93 14 154) 1993-11-26

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[13] C

[51] **Int.Cl. 6C02F 11/04**  
[25] EN  
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[54] **TRAITEMENT ANAEROBIE DES EAUX USEES A LA TEMPERATURE AMBIANTE**  
[72] Massé, Daniel I., CA  
[72] Droste, Ronald L., CA  
[73] **UNIVERSITE D'OTTAWA/ UNIVERSITY OF OTTAWA, CA**  
[73] **HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA**  
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[13] C

[51] **Int.Cl. 6C07K 7/00 6A61K 38/04 6C07K 5/04 6C12N 9/64**  
[25] EN  
[54] **THROMBIN RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DU RECEPTEUR DE LA THROMBINE**  
[72] Scarborough, Robert M., US  
[73] **COR THERAPEUTICS, INC., US**  
[85] 1995-01-18  
[86] 1993-07-08 (PCT/US93/06428)  
[87] (WO94/03479)  
[30] US (07/922,340) 1992-07-30  
[30] US (08/080,788) 1993-06-28

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[11] **2,140,750**  
[13] C

[51] **Int.Cl. 6A01K 9/00**  
[25] EN  
[54] **TEAT**  
[54] **TETINE**  
[72] McInnes, Ross Gordon, NZ  
[73] **McInnes, Ross Gordon, NZ**  
[85] 1995-01-20  
[86] 1993-08-11 (PCT/NZ93/00065)  
[87] (WO94/04023)  
[30] NZ (244008) 1992-08-12  
[30] NZ (247242) 1993-03-24

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[11] **2,142,072**  
[13] C  
[51] **Int.Cl. 6B66B 7/06 6D07B 1/00**  
[25] EN  
[54] **CABLE AS SUSPENSION MEANS FOR LIFTS**  
[54] **CABLE POUR ASCENSEURS**  
[72] de Angelis, Claudio, CH  
[72] Ach, Ernst, CH  
[73] INVENTIO AG, CH  
[22] 1995-02-08  
[30] CH (PCT/CH94/00044) 1994-03-02  
[30] CH (02 578/94-3) 1994-08-23

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[11] **2,142,148**  
[13] C  
[51] **Int.Cl. 6B23D 75/00 6B23D 77/06**  
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[54] **REAMER TIP**  
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[72] Haeberle, Friedrich, DE  
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[54] **MATELAS AVEC TAIE D'OREILLER**  
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[11] **2,143,469**  
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[51] **Int.Cl. 6D06N 7/02**  
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[54] **REVETEMENT DE SOL DE PLUSIEURS COULEURS ET A MOTIFS**  
[72] Graab, Gerhard, DE  
[72] Heckel, Klaus, DE  
[72] Rischer, Dieter, DE  
[72] Nahe, Thorsten, DE  
[72] Gruenhag, Helmut, DE  
[73] CARL FREUDENBERG, DE  
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[51] **Int.Cl. 6G03G 13/02**  
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[54] **PHOTOCONDUCTIVE CHARGING PROCESSES**  
[54] **METHODES DE CHARGE UTILISANT LA PHOTOCONDUCTION**  
[72] Facci, John S., US  
[72] Lewis, Richard B., US  
[72] Stolka, Milan, US  
[72] Abkowitz, Martin A., US  
[72] Levy, Michael J., US  
[72] Mammino, Joseph, US  
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[73] XEROX CORPORATION, US  
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[51] **Int.Cl. 6A61F 2/16**  
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[54] **SYSTEME DE LENTILLES INTRA-OCULAIRES**  
[72] Patel, Anilbhai S., US  
[73] NESTLE, S.A., CH  
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[87] (WO94/07435)  
[30] US (956,450) 1992-10-02

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[51] **Int.Cl. 6D06L 3/02**  
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[72] Knox, Rhona Alexandra, GB  
[73] THE PROCTER & GAMBLE COMPANY, US  
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[51] **Int.Cl. 6G03G 5/06**  
[25] EN  
[54] **PHOTOCONDUCTIVE IMAGING MEMBERS CONTAINING ALKOXY-BRIDGED METALLOPHTHALOCYANINE DIMERS**  
[54] **ELEMENETS D'IMAGERIE PHOTOCONDUCTEURS CONTENANT DES DIMERES DE METALLOPHTHALOCYAMINE A PONT ALKOXY**  
[72] Burt, Richard A., CA  
[72] Keoshkerian, Barkev, CA  
[72] Liebermann, George, CA  
[72] Hsiao, Cheng-Kuo, CA  
[72] Gardner, Sandra J., CA  
[72] Murti, Dasarao K., CA  
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[73] XEROX CORPORATION, US  
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[30] US (233,832) 1994-04-26

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[51] **Int.Cl. 6G03G 15/00**  
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[54] **ARCHITECTURE DE MACHINE D'IMPRESSION**  
[72] Ashton, Raymond J., US  
[72] Britt, James E., US  
[72] Kahn, Arthur H., US  
[72] May, Joseph N., US  
[72] Smith, Charles E., US  
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[25] EN  
[54] **CATALYTIC HYDROCARBON REFORMER WITH ENHANCED INTERNAL HEAT TRANSFER MECHANISM**  
[54] **REFORMEUR CATALYTIQUE D'HYDROCARBURES AVEC MECANISME AMELIORE POUR LE TRANSFERT THERMIQUE INTERNE**  
[72] Buswell, Richard F., US  
[72] Cohen, Ronald, US  
[72] Clausi, Joseph V., US  
[72] Leavitt, Stanley L., US  
[72] Watkins, David S., CA  
[73] **BALLARD POWER SYSTEMS INC., CA**  
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[13] C

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[54] **CARDIOVERSION SYNCHRONIZATION SYSTEM AND METHOD FOR AN ATRIAL DEFIBRILLATOR**  
[54] **SYSTEME DE SYNCHRONISATION POUR LE RETABLISSEMENT DU RYTHME SINUSAL ET MODE D'EMPLOI D'UN DEFIBRILLATEUR AURICULAIRE**  
[72] White, Harley, US  
[73] **CARDIAC PACEMAKERS, INC., US**  
[22] 1995-05-24  
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[25] EN  
[54] **METHOD AND APPARATUS FOR BLEACHING PULP**  
[54] **METHODE ET APPAREIL SERVANT AU BLANCHIMENT DE LA PATE**  
[72] Henricson, Kaj, FI  
[73] **ANDRITZ-AHLSTROM OY, FI**  
[85] 1995-05-26  
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[51] **Int.Cl. 6C22C 38/18**  
[25] FR  
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[54] **FERRITIC STAINLESS STEEL WITH IMPROVED MACHINABILITY**  
[72] Pedarre, Pierre, FR  
[72] Terrien, Pascal, FR  
[73] **UGINE-SAVOIE IMPHY, FR**  
[22] 1995-05-29  
[30] FR (94.06590) 1994-05-31

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[13] C

[51] **Int.Cl. 6G03G 9/083 6C08J 3/03**  
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[54] **MAGNETIC NANOCOMPOSITE COMPOSITIONS AND PROCESSES FOR THE PREPARATION AND USE THEREOF**  
[54] **COMPOSITIONS MAGNETIQUES NANOCOMPOSITES ET PROCEDES DE FABRICATION CONNEXES**  
[72] Ziolo, Ronald F., US  
[72] Braungart, Kathleen M., US  
[73] **XEROX CORPORATION, US**  
[22] 1995-06-16  
[30] US (290,125) 1994-08-15

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[13] C

[51] **Int.Cl. 6A61K 39/00**  
[25] EN  
[54] **VACCINATION WITH PEPTIDE OF MHC CLASS II MOLECULES FOR TREATMENT OF AUTOIMMUNE DISEASE**  
[54] **VACCINATION A L'AIDE DE PEPTIDES DERIVES DE MOLECULES MHC DE CLASSE II POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES**  
[72] Sriram, Subramaniam, US  
[72] Nag, Bishwajit, US  
[72] Sharma, Somesh D., US  
[73] **Sriram, Subramaniam, US**  
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[73] **Sharma, Somesh D., US**  
[85] 1995-06-16  
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[54] **CORONARY SINUS CHANNEL LEAD AND METHOD**  
[54] **DERIVATION POUR LE SINUS CORONAIRE ET METHODE D'UTILISATION**  
[72] Ayers, Gregory M., US  
[73] **CARDIAC PACEMAKERS, INC., US**  
[22] 1995-07-26  
[30] US (08/290,606) 1994-08-15

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[13] C

[51] **Int.Cl. 6A61N 1/39**  
[25] EN  
[54] **ATRIAL DEFIBRILLATOR AND METHOD FOR PROVIDING INTERVAL TIMING OF SUCCESSIVE INTERVALS PRIOR TO CARDIOVERSION**  
[54] **DEFIBRILLATEUR AURICULAIRE ET METHODE POUR L'OBTENTION DES INTERVALLES DE TEMPS CORRESPONDANT A DES INTERVALLES SUCCESSIFS AVANT LA CARDIOCONVERSION**  
[72] Ayers, Gregory M., US  
[72] Alferness, Clifton A., US  
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[13] C

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[25] EN  
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[54] **SECHOIR A ENSEMBLES DE PALES ROTATIVES ET METHODE CORRESPONDANTE**  
[72] Kanai, Masao, JP  
[73] **Kanai, Masao, JP**  
[22] 1995-08-09  
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[54] **PROCEDES ET SOUS-SYSTEMES DE CENTAGE, DECENTRAGE, POSITIONNEMENT ET ORIENTATION POUR FORAGE ET COMPLETION DE Puits LATERAUX MULTIPLES**  
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[72] Gano, John C., US  
[72] Reesing, David Lynn, US  
[73] HALLIBURTON COMPANY, US  
[22] 1995-08-25  
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[30] US (08/296,941) 1994-08-26

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[13] C

[51] **Int.Cl. 6H04B 7/185**  
[25] EN  
[54] **REPEATERS FOR MULTIBEAM SATELLITES**  
[54] **REPETEURS POUR SATELLITES MULTIFAISCEAU**  
[72] Peach, Robert, CA  
[72] Miller, Nigel, CA  
[72] Tailor, Bharat, CA  
[72] Ali, Kamal, CA  
[72] Beauchamp, Gary, CA  
[72] Lam, Simon, CA  
[72] Lazaris-Brunner, Ken, CA  
[73] COM DEV Limited, CA  
[22] 1995-08-30

[11] 2,157,679  
[13] C

[51] **Int.Cl. 6G01C 19/72**  
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[54] **RAPID TURN-ON SOURCE FOR FIBER OPTIC GYROSCOPE**  
[54] **SOURCE A ALLUMAGE RAPIDE POUR GYROSCOPE A FIBRE OPTIQUE**  
[72] Bielas, Michael S., US  
[72] Dankwort, Rudolf C., US  
[73] HONEYWELL INC., US  
[85] 1995-09-06  
[86] 1994-04-29 (PCT/US94/04790)  
[87] (WO94/25826)  
[30] US (08/055,133) 1993-04-29

[11] 2,158,522  
[13] C

[51] **Int.Cl. 6B01F 5/00 6B01F 3/08 6B01F 3/12**  
[25] EN  
[54] **MIXER FOR MIXING MULTI-PHASE FLUIDS**  
[54] **MELANGEUR POUR FLUIDES MULTIPHASES**  
[72] Roll, Daniel R., US  
[73] Goulds Pumps, Incorporated, US  
[22] 1995-09-18  
[30] US (08/308,701) 1994-09-19

[11] 2,159,259  
[13] C

[51] **Int.Cl. 6G01V 3/30**  
[25] EN  
[54] **MULTIFREQUENCY ELECTROMAGNETIC SURVEYING METHOD AND SYSTEM**  
[54] **METHODE D'ARPENTAGE ELECTROMAGNETIQUE MULTIFREQUENCE ET SYSTEME CONNEXE**  
[72] Bazinet, Robert, CA  
[73] Bazinet, Robert, CA  
[22] 1995-09-27  
[30] US (08/327,701) 1994-10-24

[11] 2,160,321  
[13] C

[51] **Int.Cl. 6E21B 49/08 6G01N 1/10**  
[25] EN  
[54] **COLLECTION ELECTRODE (COLLECTRODE) FOR GEO-ELECTROCHEMICAL SAMPLING**  
[54] **METHODE ET ELECTRODE POUR LE PRELEVEMENT D'ECHANTILLONS PAR VOIE GEO-ELECTROCHIMIQUE**  
[72] Van Blaricom, Richard, US  
[73] Cominco Ltd., CA  
[22] 1995-10-11  
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[51] **Int.Cl. 6C07C 53/06 6C01D 17/00 6C07C 53/10 6C07C 59/265 6C07C 51/41**  
[25] EN  
[54] **PROCESS OF PREPARING CESIUM SALTS FROM CESIUM-ALUMINUM-ALUM**  
[54] **METHODE POUR PREPARER DES SELS DE CESIUM A PARTIR DE CESIUM-ALUMINIUM-ALUN**  
[72] Hofmann, Hartmut, DE  
[72] Kubele, Klaus, DE  
[72] Prinz, Horst, DE  
[72] Phillipp, Bernd, DE  
[72] Harms, Gerd, DE  
[72] Schiedt, Alexander, DE  
[72] Hecktor, Ulrike, DE  
[73] Metallgesellschaft Aktiengesellschaft, DE  
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[86] 1994-04-19 (PCT/EP94/01202)  
[87] (WO94/25422)  
[30] DE (P 43 13 480.7) 1993-04-24

[11] 2,161,473  
[13] C

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **ATM NETWORK ARCHITECTURE EMPLOYING AN OUT-OF-BAND SIGNALING NETWORK**  
[54] **ARCHITECTURE DE RESEAU MTA UTILISANT UN RESEAU DE SIGNALISATION HORS BANDE**  
[72] Doshi, Bharat Tarachand, US  
[72] Farber, N., US  
[72] Harshavardhana, P., US  
[72] Kapoor, Rajiv, US  
[72] Kashper, Arik, US  
[72] Katz, Steven S., US  
[72] Meier-Hellstern, Kathleen S., US  
[72] Giuffrida, Thomas S., US  
[73] AT&T CORP., US  
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[13] C

[51] **Int.Cl. 6C07D 263/28 6C07D 413/12 6A61K 31/42 6A61K 31/44**  
[25] FR  
[54] **NOUVELLE 5- (ARYLOXYMETHYL)OXAZOLINES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **5- (ARYLOXYMETHYL)OXAZOLINES, PROCESS FOR PREPARING THE SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] Jarry, Christian, FR  
[72] Forfar, Isabelle, FR  
[72] Bosc, Jean-Jacques, FR  
[72] Renard, Pierre, FR  
[72] Scalbert, Elizabeth, FR  
[72] Guardiola, Béatrice, FR  
[73] ADIR ET COMPAGNIE, FR  
[22] 1995-11-03  
[30] FR (9413087) 1994-11-03

[11] **2,162,567**  
[13] C

[51] **Int.Cl. 6H04S 1/00 6H04R 5/02 6H04R 5/027**  
[25] EN  
[54] **STEREOPHONIC REPRODUCTION METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE REPRODUCTION STEREOPHONIQUE**  
[72] Pineau, Joseph E. M., CA  
[73] One Inc., CA  
[85] 1995-11-09  
[86] 1994-05-06 (PCT/CA94/00254)  
[87] (WO94/27416)  
[30] US (08/060,339) 1993-05-11

[11] **2,162,570**  
[13] C

[51] **Int.Cl. 6H04B 3/23 6H03H 21/00**  
[25] EN  
[54] **ECHO CANCELER AND ECHO PATH ESTIMATING METHOD**  
[54] **COMPENSATEUR D'ECHOS ET PROCEDE D'ESTIMATION DE LA TRAJECTOIRE DE L'ECHO**  
[72] Kawahara, Toshiro, JP  
[72] Miki, Toshio, JP  
[72] Suda, Hirohito, JP  
[72] Ohya, Tomoyuki, JP  
[72] Takagi, Hirofumi, JP  
[73] NTT MOBILE COMMUNICATIONS NETWORK INC., JP  
[85] 1995-11-09  
[86] 1995-05-02 (PCT/JP95/00866)  
[87] (WO95/31052)  
[30] JP (94-117640) 1994-05-06  
[30] JP (94-117589) 1994-05-07  
[30] JP (94-117590) 1994-05-07  
[30] JP (94-117592) 1994-05-07  
[30] JP (94-117593) 1994-05-07

[11] **2,163,151**  
[13] C

[51] **Int.Cl. 6C07K 16/28 6A61K 49/00 6A61K 51/10 6A61K 39/395 6A61K 47/48**  
[25] EN  
[54] **HUMANIZED AND CHIMERIC MONOCLONAL ANTIBODIES THAT RECOGNIZED EPIDERMAL GROWTH FACTOR RECEPTOR (EGF-R). USE DIAGNOSTIC AND THERAPEUTIC**  
[54] **ANTICORPS MONOCLONAUX, HUMANISES ET CHIMERIQUES, QUI RECONNAISSENT LE RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE; APPLICATIONS DIAGNOSTIQUES ET THERAPEUTIQUES**  
[72] Rodriguez, Rolando Pérez, CU  
[72] de Acosta de Rio, Cristina Mateo, CU  
[72] Frias, Ernesto Moreno, CU  
[73] CENTRO DE INMUNOLOGIA MOLECULAR, CU  
[22] 1995-11-17  
[30] CU (128/94) 1994-11-18

[11] **2,164,121**  
[13] C

[51] **Int.Cl. 6C07C 69/52 6C07C 67/03 6C07C 67/58**  
[25] EN  
[54] **METHOD FOR PURIFYING ALCOHOL ESTERS**  
[54] **METHODE DE PURIFICATION D'ALCOOLS-ESTERS**  
[72] Bam, Narendra, US  
[72] Drown, David C., US  
[72] Korus, Roger, US  
[72] Hoffman, Dwight S., US  
[72] Johnson, Timothy G., US  
[72] Washam, Jacqueline M., US  
[73] IDAHO RESEARCH FOUNDATION, INC., US  
[85] 1995-11-29  
[86] 1994-07-13 (PCT/US94/07874)  
[87] (WO95/02662)  
[30] US (08/092,198) 1993-07-14

[11] **2,164,546**  
[13] C

[51] **Int.Cl. 6H04L 12/56 6H04L 12/24**  
[25] EN  
[54] **TRAFFIC CONTROLLER FOR CELL-BASED TRANSMISSION**  
[54] **CONTROLEUR DE TRAFIC POUR LES TRANSMISSIONS DANS LES SYSTEMES CELLULAIRES**  
[72] Fahmi, Maher Nihad, CA  
[72] BRADSHAW, JOHN RICHARD, CA  
[73] PMC-Sierra Ltd., CA  
[22] 1995-12-06

[11] **2,164,629**  
[13] C

[51] **Int.Cl. 6B42D 15/00 6B41F 19/04 6B42D 15/10 6B41M 1/24**  
[25] EN  
[54] **EMBOSSING BANKNOTES OR THE LIKE WITH SECURITY DEVICES**  
[54] **MARQUAGE DE SECURITE POUR BILLETS DE BANQUE**  
[72] Jackson, Wayne Kevin, AU  
[73] SECURENCY PTY LTD, AU  
[85] 1995-12-06  
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[87] (WO94/29119)  
[30] AU (PL 9262) 1993-06-08



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[51] **Int.Cl. 6C12P 19/34 6C12N 15/10 6C12Q 1/68**  
[25] EN  
[54] **MAGNETIC CYCLE REACTION**  
[54] **PROCEDE DE SEPARATION MAGNETIQUE**  
[72] Mian, Alec, US  
[73] GAMERA BIOSCIENCE CORPORATION, US  
[85] 1995-12-07  
[86] 1994-06-08 (PCT/US94/06658)  
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[30] US (08/074,345) 1993-06-09

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[13] C  
[51] **Int.Cl. 6C07D 495/14 6C07D 487/04 6A61K 31/40 6A61K 31/445 6A61K 31/535**  
[25] FR  
[54] **NOUVEAUX ETHERS D'OXIMES TRICYCLIQUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **TRICYCLIC OXIME ETHERS; PROCESS FOR PREPARING THE SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] Rault, Sylvain, FR  
[72] Robba, Max, FR  
[72] Lancelot, Jean-Charles, FR  
[72] Prunier, Hervé, FR  
[72] Renard, Pierre, FR  
[72] Pfeiffer, Bruno, FR  
[72] Rettori, Marie-Claire, FR  
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[73] ADIR ET COMPAGNIE, FR  
[22] 1995-12-19  
[30] FR (94.15431) 1994-12-22

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[13] C  
[51] **Int.Cl. 6F02M 31/125 6F02M 31/16**  
[25] EN  
[54] **APPARATUS AND PROCESS FOR HEATING FUEL**  
[54] **APPAREIL DE CHAUFFAGE DU CARBURANT ET PROCEDE CONNEXE**  
[72] Hurner, Erwin E., US  
[73] Hurner, Erwin E., US  
[22] 1996-01-10  
[30] US (370,675) 1995-01-10

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[13] C  
[51] **Int.Cl. 6C10L 1/18**  
[25] EN  
[54] **FUEL BLENDS**  
[54] **MELANGES D'ESSENCE**  
[72] Killick, Robert William, AU  
[72] Wrigley, Peter Ronald, AU  
[72] Parnaby, Lawrence Harold, AU  
[73] Victorian Chemical International Pty. Ltd., AU  
[85] 1996-01-15  
[86] 1994-07-15 (PCT/AU94/00401)  
[87] (WO95/02654)  
[30] AU (PM0004) 1993-07-16

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[13] C  
[51] **Int.Cl. 6F26B 3/06**  
[25] EN  
[54] **FLATLINE METHOD OF DRYING WAFERS**  
[54] **METHODE DE SECHAGE DE COPEAUX DE BOIS**  
[72] Dexter, Jeffrey L., US  
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[72] Head, Larry J., US  
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[13] C

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[13] C

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[13] C

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6H04N 5/46  
[25] EN  
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[54] DISPOSITIF DE PERMUTATION DE SIGNAL POUR RECEPTEUR DE TELEVISION POSSEDANT UN PROCESSEUR PRINCIPAL DE SIGNAUX D'IMAGES A HAUTE DEFINITION ET UN PROCESSEUR DE SIGNAUX IMAGE-DANS-IMAGE DE SYSTEMES NTSC-CLASSIQUES  
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[13] C

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[54] PROCEDE DE RADIOMARQUAGE DE PROTEINES DANS LE BUT DE REALISER UNE RADIOIMMUNODETECTION ET UNE RADIOIMMUNOTHERAPIE A BASE DE RADIONUCLEIDES  
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[30] US (08/253,772) 1994-06-03

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[13] C

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[54] MECANISME DE RELEVAGE D'UNE BROSSA DE NETTOYAGE, METHODE POUR LA MAITRISE DES PARAMETRES DE CONTROLE DE CE MECANISME  
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[11] 2,193,478  
[13] C

[51] Int.Cl. 6A61F 11/00  
[25] EN  
[54] TINNITUS MASKING USING ULTRASONIC SIGNALS  
[54] MASQUAGE D'ACOUPHENES A L'AIDE DE SIGNAUX ULTRASONIQUES  
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[25] EN  
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[22] 1997-01-09  
[30] US (08/582,371) 1996-01-11

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[11] **2,195,495**  
[13] C

[51] **Int.Cl. 6H04Q 3/42**  
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[54] **COMMANDE DE RESEAUX DE TELECOMMUNICATIONS**  
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[72] Frey, Alan Eugene, US  
[72] Meyers, Michael Neal, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-01-20  
[30] US (609,161) 1996-02-29

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[11] **2,195,942**  
[13] C

[51] **Int.Cl. 6H04N 7/08**  
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[54] **METHOD AND APPARATUS FOR INSERTING SOURCE IDENTIFICATION DATA INTO A VIDEO SIGNAL**  
[54] **PROCEDE ET DISPOSITIF D'INSERTION DE DONNEES D'IDENTIFICATION ORIGINE DANS UN SIGNAL VIDEO**  
[72] Copeland, Gregory C., US  
[73] MACROVISION CORPORATION, US  
[85] 1997-01-24  
[86] 1995-08-22 (PCT/US95/10665)  
[87] (WO96/06503)  
[30] US (294,983) 1994-08-24

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[11] **2,196,237**  
[13] C

[51] **Int.Cl. 6A61N 7/00 6A61M 25/10**  
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[54] **EXTENSEUR VIBRANT POUR OUVRIR DES LESIONS CALCIFIEES**  
[72] Cox, Daniel L., US  
[73] ADVANCED CARDIOVASCULAR SYSTEMS, INC., US  
[22] 1997-01-29  
[30] US (08/720,098) 1996-09-27

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[11] **2,196,503**  
[13] C

[51] **Int.Cl. 6D21C 11/12 6F23G 7/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TREATING PULPING PROCESS WASTE LIQUORS**  
[54] **METHODE ET SYSTEME POUR TRAITER LES LIQUEURS RESIDUAIRES PRODUITES LORS DES ACTIVITES DE DESINTEGRATION**  
[72] Ryham, Rolf, US  
[73] ANDRITZ-AHLSTROM OY, FI  
[22] 1997-01-31  
[30] US (08/595,467) 1996-02-05

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[13] C

[51] **Int.Cl. 6C22B 5/00 6C22B 34/00 6C22C 14/00 6C22B 21/04 6C22C 1/06 6C22B 34/12**  
[25] EN  
[54] **METHOD OF MAKING METALS AND OTHER ELEMENTS**  
[54] **PROCEDE DE PRODUCTION DE METAUX ET D'AUTRES ELEMENTS**  
[72] Armstrong, Donn Reynolds, US  
[72] Borys, Stanely S., US  
[72] Anderson, Richard Paul, US  
[73] INTERNATIONAL TITANIUM POWDER, L.L.C., US  
[85] 1997-01-31  
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[87] (WO96/04407)  
[30] US (08/283,358) 1994-08-01

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[13] C

[51] **Int.Cl. 6G07F 19/00 6H04B 7/00 6H04L 9/30**  
[25] EN  
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[54] **SYSTEME BANCAIRE UTILISANT UN TERMINAL PORTATIF A LIAISON RADIO**  
[72] WATANABE, Mitsuhiro, JP  
[73] NEC CORPORATION, JP  
[22] 1997-02-06  
[30] JP (8-020337) 1996-02-07

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[11] **2,198,074**  
[13] C

[51] **Int.Cl. 6C08L 27/16 6H01M 10/26**  
[25] EN  
[54] **VINYLDIENE FLUORIDE POLYMER-BASED BINDER SOLUTION AND ELECTRODE-FORMING COMPOSITION**  
[54] **SOLUTION LIANTE A BASE DE POLYMERE DE FLUORURE DE VINYLDIENE ET COMPOSITION FORMANT DES ELECTRODES**  
[72] KASHIO, Hidetora, JP  
[72] HORIE, Katsuo, JP  
[72] NAGAI, Aisaku, JP  
[72] AITA, Tomoyuki, JP  
[72] KITAGOH, Hiroshi, JP  
[73] Kureha Kagaku Kogyo Kabushiki Kaisha, JP  
[22] 1997-02-20  
[30] JP (062040/1996) 1996-02-22  
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[11] **2,198,860**  
[13] C

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **ABSORBENT ARTICLE HAVING A POCKET CUFF WITH AN APEX**  
[54] **ARTICLE ABSORBANT COMPORTANT UNE POCHE FRONCEE POURVUE D'UNE POINTE**  
[72] DREIER, Kimberly Ann, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-02-28  
[86] 1995-09-01 (PCT/US95/11179)  
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[30] US (08/302,569) 1994-09-08

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PRODUCING PYRIDINE DERIVATIVE  
[54] NOUVEL INTERMEDIAIRE POUR  
LA PRODUCTION D'UN DERIVE DE  
PYRIDINE ET PROCEDE POUR  
PRODUIRE CE DERIVE  
[72] WATANABE, Syotaro, JP  
[72] KEM, William R., US  
[72] LEE, Hun Ju, US  
[72] KAJITANI, Makoto, JP  
[72] MARUHASHI, Kazuo, JP  
[73] University of Florida, US  
[73] TAIHO PHARMACEUTICAL CO.,  
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[85] 1997-03-20  
[86] 1995-09-21 (PCT/JP95/01911)  
[87] (WO96/09300)  
[30] JP (HEI 6-252726) 1994-09-22

[11] 2,200,738  
[13] C

[51] Int.Cl. 6A61K 6/00  
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[72] LINDSKOG, Sven, SE  
[72] BLOMLOF, Leif, SE  
[73] Biora AB, SE  
[85] 1997-03-21  
[86] 1995-09-14 (PCT/SE95/01041)  
[87] (WO96/09029)  
[30] SE (9403191-1) 1994-09-22

[11] 2,200,855  
[13] C

[51] Int.Cl. 6C07K 17/06 6C07K 16/00  
6A61K 51/08 6C07K 1/13  
[25] EN  
[54] RADIOACTIVE PHOSPHOROUS  
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TARGETED RADIOTHERAPY  
[54] MARQUAGE DE PROTEINES AU  
PHOSPHORE RADIOACTIF POUR  
RADIOTHERAPIE CIBLEE  
[72] GRIFFITHS, Gary L., US  
[72] HANSEN, Hans J., US  
[72] KARACAY, Habibe, US  
[73] IMMUNOMEDICS, INC., US  
[85] 1997-03-24  
[86] 1995-09-21 (PCT/US95/11780)  
[87] (WO96/11208)  
[30] US (08/318,917) 1994-10-05

[11] 2,201,364  
[13] C

[51] Int.Cl. 6C21C 7/10  
[25] EN  
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FOR MOLTEN STEEL  
[54] PROCEDE D'AFFINAGE SOUS  
VIDE D'ACIER EN FUSION  
[72] KITAMURA, Shinya, JP  
[72] YONEZAWA, Kimitoshi, JP  
[72] MIYAMOTO, Kenichiro, JP  
[72] SASAKAWA, Shinji, JP  
[72] FUJIWARA, Kunihiko, JP  
[73] NIPPON STEEL CORPORATION, JP  
[85] 1997-03-27  
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[30] JP (7/196760) 1995-08-01  
[30] JP (7/200110) 1995-08-04

[11] 2,202,835  
[13] C

[51] Int.Cl. 6B61D 45/00  
[25] EN  
[54] RETRACTABLE CONTAINER  
STOP AND GUIDE ASSEMBLY FOR  
RAILROAD FREIGHT CARS  
[54] BUTEE DE CONTENEUR  
RETRACTABLE ET ENSEMBLE DE  
GUIDES POUR DES WAGONS A  
MARCHANDISES  
[72] BIS, TOMASZ, CA  
[72] FORBES, James Wilfred, CA  
[72] COSLOVI, ILARIO A., CA  
[73] NATIONAL STEEL CAR LIMITED,  
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[22] 1997-04-16

[11] 2,203,647  
[13] C

[51] Int.Cl. 6A61F 13/46  
[25] EN  
[54] BREATHABLE DUAL LAYER  
BACKSHEET DESIGN FOR  
DISPOSABLE ABSORBENT ARTICLES  
[54] CONCEPTION DE FEUILLE  
ARRIERE A DOUBLE COUCHES ET  
RESPIRANTE POUR ARTICLES  
ABSORBANTS JETABLES  
[72] DEPNER, Michael, DE  
[72] DIVO, Michael, DE  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-04-24  
[86] 1995-10-16 (PCT/US95/13568)  
[87] (WO96/14037)  
[30] EP (94203230.1) 1994-11-05

[11] 2,203,724  
[13] C

[51] Int.Cl. 6B65F 3/00 6B62B 1/26  
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[54] RECYCLER TROLLEY  
[54] CHARIOT DE RECYCLAGE  
[72] RIGO, Alex Z., CA  
[73] RIGO, Alex Z., CA  
[22] 1997-04-25

[11] 2,204,858  
[13] C

[51] Int.Cl. 6C25C 1/12  
[25] EN  
[54] PROCESS FOR MAKING COPPER  
METAL POWDER, COPPER OXIDES  
AND COPPER FOIL  
[54] PROCEDE POUR FABRIQUER  
UNE POUDRE DE CUIVRE METAL,  
DES OXYDES DE CUIVRE ET UNE  
FEUILLE DE CUIVRE  
[72] GORT, Wendy M., US  
[72] BURGESS, David P., US  
[72] HAINES, Ronald K., US  
[72] JENKINS, Jackson G., US  
[72] KOHUT, Stephen J., US  
[72] PECKHAM, Peter, US  
[73] GA-TEK INC., US  
[85] 1997-05-08  
[86] 1996-06-17 (PCT/US96/10448)  
[87] (WO97/14825)  
[30] US (08/544,619) 1995-10-18

[11] 2,204,895  
[13] C

[51] Int.Cl. 6A61F 13/46  
[25] EN  
[54] METHOD AND APPARATUS FOR  
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ARTICLES  
[54] PROCEDE ET APPAREIL DE  
FABRICATION D'ARTICLES  
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[72] ZORB, James Edward, US  
[72] NEASE, Michael Gary, US  
[72] DRAGOO, Jerry Layne, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-05-08  
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[30] US (08/346,653) 1994-11-30

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[13] C

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[25] EN  
[54] **PROCESS AND APPARATUS FOR MAKING AND INCORPORATING ACQUISITION/DISTRIBUTION INSERTS INTO ABSORBENT CORES**  
[54] **PROCEDE ET APPAREILLAGE DE REALISATION ET D'INTRODUCTION DE CELLULES DE PIEGEAGE/ REPARTITION DANS DES AMES ABSORBANTES**  
[72] AHR, Nicholas Albert, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-05-09  
[86] 1995-11-14 (PCT/US95/15496)  
[87] (WO96/15750)  
[30] US (08/341,503) 1994-11-17

[11] **2,205,926**  
[13] C

[51] **Int.Cl. 6H04B 3/23**  
[25] EN  
[54] **ECHO CANCELLING ARRANGEMENTS**  
[54] **COMMANDE ADAPTATIVE POUR UN ANNULATEUR D'ECHO**  
[72] MEEK, QUENTIN JAMES, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[85] 1997-05-23  
[86] 1996-01-17 (PCT/CA96/00024)  
[87] (WO96/23367)  
[30] US (08/378,335) 1995-01-26

[11] **2,206,992**  
[13] C

[51] **Int.Cl. 6C11D 3/39 6C11D 3/386 6C11D 3/395**  
[25] EN  
[54] **AUTOMATIC DISHWASHING COMPOSITION CONTAINING PARTICLES OF DIACYL PEROXIDES**  
[54] **COMPOSITION POUR LE LAVAGE AUTOMATIQUE DE LA VAISSELLE CONTENANT DES PARTICULES DE PEROXYDES DE DIACYCLE**  
[72] GOLDSTEIN, Alan Scott, US  
[72] PATEL, Rashesh Naresh, US  
[72] PAINTER, Jeffrey Donald, US  
[72] FITCH, Edward Paul V., US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-06-04  
[86] 1995-12-01 (PCT/US95/15815)  
[87] (WO96/17921)  
[30] US (08/352,468) 1994-12-09

[11] **2,207,867**  
[13] C

[51] **Int.Cl. 6H04L 12/24 6G06F 17/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING AN EFFICIENT USE OF TELECOMMUNICATION NETWORK RESOURCES**  
[54] **METHODE ET APPAREIL PERMETTANT DE FAIRE UNE UTILISATION EFFICACE DES RESSOURCES D'UN RESEAU DE TELECOMMUNICATION**  
[72] TING, Peter Di-Hsian, US  
[72] DAVIS, John Michael, US  
[72] NADJI, Behzad, US  
[72] BERGHOLM, Joseph O., US  
[72] LEE, Shui Yee, US  
[73] AT&T CORP., US  
[22] 1997-06-17  
[30] US (680,943) 1996-07-15

[11] \* **2,209,106**  
[13] C

[51] **Int.Cl. 6B26B 29/06 6A41H 1/00 6B26B 13/22**  
[25] FR  
[54] **GUIDE-CISEAUX**  
[54] **SCISSOR GUIDE**  
[72] GUAY, Danielle, CA  
[73] GUAY, Danielle, CA  
[22] 1997-07-29

[11] **2,210,749**  
[13] C

[51] **Int.Cl. 6A61K 31/19 6A61K 9/08 6A61K 47/18 6A61K 47/32 6A61K 47/40**  
[25] EN  
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[54] **GOUTTES OCULAIRES ANTI-INFLAMMATOIRES**  
[72] MAEDA, Makoto, JP  
[72] OGUMA, Tsuru, JP  
[72] SUZUKI, Hiroe, JP  
[72] TAKEUCHI, Masanobu, JP  
[72] MARUYAMA, Hiroki, JP  
[73] WAKAMOTO PHARMACEUTICAL CO., LTD., JP  
[85] 1997-07-17  
[86] 1995-12-26 (PCT/JP95/02680)  
[87] (WO96/22088)  
[30] JP (24485/1995) 1995-01-20

[11] **2,211,986**  
[13] C

[51] **Int.Cl. 6H04N 1/029 6H04N 1/113 6H04N 5/225**  
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[54] **APPAREIL DE SAISIE D'IMAGES**  
[72] SHIMADA, Koichi, JP  
[72] TORITA, Tomohiko, JP  
[73] CANON DENSHI KABUSHIKI KAISHA, JP  
[22] 1997-07-30  
[30] JP (09-004476) 1997-01-14  
[30] JP (09-106047) 1997-04-23  
[30] JP (09-195569) 1997-07-22

[11] **2,212,144**  
[13] C

[51] **Int.Cl. 6G03F 7/16 6D21F 7/08**  
[25] EN  
[54] **METHOD OF APPLYING A PHOTSENSITIVE RESIN TO A SUBSTRATE FOR USE IN PAPERMAKING**  
[54] **PROCEDE POUR APPLIQUER UNE RESINE PHOTOSENSIBLE SUR UN SUPPORT SERVANT DANS LA FABRICATION DU PAPIER**  
[72] POWERS, John Robert, US  
[72] TROKHAN, Paul Dennis, US  
[72] BOUTILIER, Glenn David, US  
[72] McFARLAND, James Robert, US  
[72] MILLER, James Daniel II, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-08-01  
[86] 1996-01-24 (PCT/US96/00985)  
[87] (WO96/25547)  
[30] US (08/388,948) 1995-02-15



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[13] C

[51] **Int.Cl. 6G03F 7/16 6D21F 7/08**  
[25] EN  
[54] **METHOD OF APPLYING A CURABLE RESIN TO A SUBSTRATE FOR USE IN PAPERMAKING**  
[54] **PROCEDE POUR APPLIQUER UNE RESINE DURCISSABLE SUR UN SUPPORT SERVANT DANS LA FABRICATION DU PAPIER**  
[72] TROKHAN, Paul Dennis, US  
[72] POWERS, John Robert, US  
[72] MILLER, James Daniel II, US  
[72] BOUTILIER, Glenn David, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-08-01  
[86] 1996-01-24 (PCT/US96/00984)  
[87] (WO96/25555)  
[30] US (08/391,372) 1995-02-15

[11] **2,212,517**  
[13] C

[51] **Int.Cl. 6F22B 35/14 6F22B 35/10 6F22D 5/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR STARTING UP A CONTINUOUS-FLOW STEAM GENERATOR**  
[54] **METHODE ET APPAREIL POUR LE DEMARRAGE D'UN GENERATEUR DE VAPEUR A DEBIT CONTINU**  
[72] WITTCROW, Eberhard, DE  
[72] FRANKE, Joachim, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 1997-08-07  
[86] 1996-01-29 (PCT/DE96/00115)  
[87] (WO96/24803)  
[30] DE (195 04 308.1) 1995-02-09

[11] **2,212,671**  
[13] C

[51] **Int.Cl. 6A61M 1/00 6A61M 5/00 6A61M 39/24**  
[25] EN  
[54] **ASCITES VALVE**  
[54] **CLAPET POUR ASCITES**  
[72] LEVEEN, Harry H. (deceased), US  
[72] LEVEEN, Eric G., US  
[73] LEVEEN, Harry H. (deceased), US  
[73] LEVEEN, Eric G., US  
[85] 1997-07-31  
[86] 1996-05-24 (PCT/US96/06971)  
[87] (WO97/20584)  
[30] US (08/566,972) 1995-12-04

[11] **2,213,699**  
[13] C

[51] **Int.Cl. 6G10L 9/00**  
[25] EN  
[54] **A COMMUNICATION SYSTEM AND METHOD USING A SPEAKER DEPENDENT TIME-SCALING TECHNIQUE**  
[54] **SYSTEME DE TELECOMMUNICATIONS ET PROCEDE RECOURANT A UNE TECHNIQUE D'ETABLISSEMENT D'UNE ECHELLE DE TEMPS DEPENDANT DU LOCUTEUR**  
[72] SATYAMURTI, Sunil, US  
[72] SIWIAK, Kazimierz, US  
[72] KUZNICKI, William Joseph, US  
[72] SCHWENDEMAN, Robert John, US  
[72] LEITCH, Clifford Dana, US  
[73] MOTOROLA, INC., US  
[85] 1997-08-22  
[86] 1996-01-26 (PCT/US96/00838)  
[87] (WO96/27184)  
[30] US (08/395,739) 1995-02-28

[11] **2,213,748**  
[13] C

[51] **Int.Cl. 6F01L 1/047 6F16H 53/02 6B21D 53/84**  
[25] EN  
[54] **ASSEMBLED MULTI-LAYER SHAFTS**  
[54] **ARBRES A PLUSIEURS COUCHES ASSEMBLES**  
[72] SWARS, Helmut, DE  
[73] Emitec Gesellschaft für Emissionstechnologie mbH, DE  
[85] 1997-08-25  
[86] 1996-02-27 (PCT/DE96/00357)  
[87] (WO96/27077)  
[30] DE (195 06 732.0) 1995-02-27  
[30] DE (196 06 732.4) 1996-02-23

[11] **2,215,811**  
[13] C

[51] **Int.Cl. 6G02F 1/01 6G02F 1/015 6H04B 10/04**  
[25] EN  
[54] **ELECTROABSORPTION OPTICAL INTENSITY MODULATOR HAVING A PLURALITY OF ABSORPTION EDGE WAVELENGTHS**  
[54] **MODULEUR D'INTENSITE OPTIQUE A ELECTRO-ABSORPTION AYANT UN CERTAIN NOMBRE DE LONGUEURS D'ONDES DE DISCONTINUTE D'ABSORPTION**  
[72] ISHIZAKA, Masashige, JP  
[73] NEC CORPORATION, JP  
[22] 1997-09-18  
[30] JP (8-249527) 1996-09-20

[11] **2,217,422**  
[13] C

[51] **Int.Cl. 6H04L 12/12 6H04L 12/16**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR DELIVERING DATA FROM AN INFORMATION PROVIDER USING THE PUBLIC SWITCHED NETWORK**  
[54] **METHODE ET APPAREIL DE TRANSMISSION DE DONNEES UTILISANT LE RESEAU COMMUTE PUBLIC POUR FOURNISSEUR D'INFORMATIONS**  
[72] GARLAND, Stuart Mandel, US  
[72] KOWAL, James Allen, US  
[72] NICHOLSON, Hilton Manuel, US  
[72] SMITH, David B., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-10-06  
[30] US (756,854) 1996-11-26

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[11] **2,217,595**  
[13] C

[51] **Int.Cl. 6H03K 17/74**  
[25] EN  
[54] **AN INTEGRATED RF SWITCHING CELL BUILT IN CMOS TECHNOLOGY AND UTILIZING A HIGH VOLTAGE INTEGRATED CIRCUIT DIODE WITH A CHARGE INJECTING NODE**  
[54] **CELLULE DE COMMUTATION RF INTEGREE CONSTRUITE SELON LA TECHNOLOGIE CMOS ET UTILISANT UNE DIODE DE CIRCUIT INTEGRE HAUTE TENSION AVEC UN NOEUD A INJECTION DE CHARGE**  
[72] LERMA, Jaime, US  
[72] BUHLER, Steven A., US  
[72] MOJARRADI, Mohammad M., US  
[73] XEROX CORPORATION, US  
[22] 1997-10-07  
[30] US (08/746,589) 1996-11-12

[11] **2,217,729**  
[13] C

[51] **Int.Cl. 6C12N 1/20 6C12P 21/02 6A61K 38/05 6C07K 5/068**  
[25] EN  
[54] **SUBSTANCE FA-70D, PROCESS FOR PRODUCING THE SAME, AND USES THEREOF**  
[54] **SUBSTANCE FA-70D, PROCEDE DE FABRICATION ET UTILISATIONS**  
[72] SASAKI, Toru, JP  
[72] KITANO, Shizuo, JP  
[72] YOSHIDA, Kenichiro, JP  
[72] YU, Lei, JP  
[72] OTANI, Toshio, JP  
[72] KATSUNUMA, Nobuhiko, JP  
[72] WU, Yun, JP  
[73] TAIHO PHARMACEUTICAL CO., LTD., JP  
[85] 1997-10-08  
[86] 1997-02-20 (PCT/JP97/00472)  
[87] (WO97/31122)  
[30] JP (8/33523) 1996-02-21

[11] **2,218,671**  
[13] C

[51] **Int.Cl. 6C23C 22/56**  
[25] EN  
[54] **NON-CHROMATED SURFACE PREPARATION MATERIALS AND METHODS FOR CORROSION PROTECTION OF ALUMINUM AND ITS ALLOYS**  
[54] **METHODES ET MATERIAUX DE PREPARATION EN SURFACE POUR PROTEGER L'ALUMINIUM ET SES ALLIAGES CONTRE LA CORROSION, SANS UTILISER DU CHROMATE**  
[72] ROSENGARD, Jordan L., US  
[73] RAYTHEON COMPANY, US  
[22] 1997-10-21  
[30] US (08/754,374) 1996-11-21

[11] **2,218,910**  
[13] C

[51] **Int.Cl. 6G07C 1/30**  
[25] EN  
[54] **LOW POWER MULTI-BAY PARKING METER**  
[54] **MULTI-PARCOMETRE A FAIBLE CONSOMMATION D'ENERGIE**  
[72] WARD, Seth II, US  
[72] BROWN Todd R., US  
[72] SPEAS, Gary W., US  
[73] POM, Inc., US  
[85] 1997-10-22  
[86] 1996-04-24 (PCT/US96/06004)  
[87] (WO96/34371)  
[30] US (08/428,771) 1995-04-24

[11] **2,219,923**  
[13] C

[51] **Int.Cl. 6F16C 11/04**  
[25] EN  
[54] **LINKAGE MECHANISM BETWEEN STRUCTURAL MEMBERS**  
[54] **MECANISME DE LIAISON ENTRE DES ELEMENTS PORTEURS**  
[72] O'BOYLE, Kevin James, US  
[73] ABB AIR PREHEATER, INC., US  
[85] 1997-10-30  
[86] 1996-04-25 (PCT/US96/05487)  
[87] (WO96/38674)  
[30] US (08/452,519) 1995-05-30

[11] **2,220,584**  
[13] C

[51] **Int.Cl. 6H03K 19/0175**  
[25] EN  
[54] **INPUT SIGNAL READING CIRCUIT HAVING A SMALL DELAY AND A HIGH FIDELITY**  
[54] **CIRCUIT DE LECTURE DE SIGNAUX D'ENTREE A FAIBLE RETARD ET A GRANDE FIDELITE**  
[72] SUTO, Shinichi, JP  
[73] NEC CORPORATION, JP  
[22] 1997-11-10  
[30] JP (298526/1996) 1996-11-11

[11] **2,222,299**  
[13] C

[51] **Int.Cl. 6C07D 305/14 6C07J 41/00 6C07F 5/02 6C07D 405/12 6C07D 407/12 6C07H 13/12 6A61K 31/335 6A61K 31/415 6A61K 31/58 6C07F 9/6574 6A61K 31/665 6A61K 31/69 6A61K 31/70 6A61K 31/765**  
[25] EN  
[54] **NOVEL TAXOIDS**  
[54] **NOUVEAUX TAXOIDES**  
[72] SOVAK, Milos, US  
[72] SELIGSON, Allen, US  
[72] BRESSI, Jerome C., US  
[72] DOUGLASS, James G. III, US  
[73] Biophysica, Inc., US  
[85] 1997-11-25  
[86] 1996-05-31 (PCT/US96/08245)  
[87] (WO96/38138)  
[30] US (08/457,674) 1995-06-01

[11] **2,222,967**  
[13] C

[51] **Int.Cl. 6H04L 12/16 6G06F 3/12**  
[25] EN  
[54] **NETWORK-BASED MAIL PIECE GENERATION**  
[54] **TRAITEMENT DE PIECES DE COURRIER EN RESEAU**  
[72] GARDNER, David P., US  
[73] PITNEY BOWES INC., US  
[22] 1997-11-28  
[30] US (08/772,367) 1996-12-23

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[13] C  
[51] **Int.Cl. 6B60D 1/46 6A01B 59/04**  
[25] EN  
[54] **VERTICALLY ADJUSTABLE HITCH**  
[54] **ATTELAGE REGLABLE VERTICALEMENT**  
[72] DIMITRIJEVIC, Milan, DE  
[72] HALABIYA, Sabah, DE  
[73] DEERE & COMPANY, US  
[22] 1998-01-23  
[30] DE (197 02 700.8) 1997-01-25

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[11] **2,225,108**  
[13] C  
[51] **Int.Cl. 6H01R 13/658 6H01R 23/10**  
[25] EN  
[54] **HIGH FREQUENCY CONNECTOR WITH NOISE CANCELLING CHARACTERISTICS**  
[54] **CONNECTEUR HAUTE FREQUENCE OFFRANT DES CARACTERISTIQUES D'ANNULATION DU BRUIT**  
[72] LORD, Brenda, CA  
[72] DEFLANDRE, Yves, CA  
[72] TREMBLAY, Edmond, CA  
[72] MILETTE, LUC, CA  
[73] NORDX/CDT, INC., CA  
[22] 1997-12-17  
[30] US (08/769,711) 1996-12-18

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[11] **2,225,771**  
[13] C  
[51] **Int.Cl. 6G11B 20/18**  
[25] EN  
[54] **METHOD FOR STORING PARITY AND REBUILDING THE DATA CONTENTS OF FAILED DISKS IN AN EXTERNAL STORAGE SUBSYSTEM AND APPARATUS THEREFOR**  
[54] **METHODE DE STOCKAGE DE PARITE ET RECONSTRUCTION DES DONNEES DE DISQUES DEFECTUEUX FAISANT PARTIE D'UN SOUS-SYSTEME DE MEMOIRE AUXILIAIRE, ET APPAREIL ADAPTE A CETTE METHODE**  
[72] KIM, Shin-Dug, KR  
[72] YANG, Sung-Bong, KR  
[72] HAN, Tack-Don, KR  
[72] LEE, Kyoung-Woo, KR  
[72] CHANG, Suk, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1997-12-22  
[30] KR (32758/1997) 1997-07-15

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[11] **2,226,439**  
[13] C  
[51] **Int.Cl. 6H01L 31/00 6H01L 31/18**  
[25] EN  
[54] **PHOTODETECTORS USING III-V-NITRIDES**  
[54] **PHOTODETECTEURS AUX NITRURES III-V**  
[72] MISRA, Mira, US  
[72] MOUSTAKAS, Theodore D., US  
[73] MISRA, Mira, US  
[73] TRUSTEES OF BOSTON UNIVERSITY, US  
[85] 1998-01-07  
[86] 1996-07-05 (PCT/US96/11362)  
[87] (WO97/03471)  
[30] US (08/499,710) 1995-07-07

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[11] **2,229,244**  
[13] C  
[51] **Int.Cl. 6G11B 23/00**  
[25] EN  
[54] **SEAT FOR A CASSETTE MEMORY**  
[54] **SUPPORT POUR MEMOIRE A CASSETTE**  
[72] YAO, Li-Ho, TW  
[73] YAO, Li-Ho, TW  
[22] 1998-02-11

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[11] **2,230,626**  
[13] C  
[51] **Int.Cl. 6G06K 9/80 6G06K 9/48 6G06T 3/60 6G06K 9/64**  
[25] EN  
[54] **A STRIPE PATTERN MATCHING SYSTEM**  
[54] **SYSTEME DE COMPARAISON DE CONFIGURATIONS DE LIGNES**  
[72] HIRATSUKA, Seiichi, JP  
[72] HOSHINO, Yukio, JP  
[72] KUNIKATA, Junichi, JP  
[72] TAKAHASHI, Yoshihide, JP  
[73] NEC CORPORATION, JP  
[22] 1998-02-26  
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[11] **2,235,933**  
[13] C  
[51] **Int.Cl. 6G11B 20/00 6G11B 19/28**  
[25] EN  
[54] **INFORMATION RECORDING MEDIUM AND METHOD AND APPARATUS FOR RECORDING AND REPRODUCING INFORMATION USING THE SAME**  
[54] **SUPPORT D'ENREGISTREMENT D'INFORMATIONS, AINSI QU'UN PROCEDE ET UN APPAREIL EN FAISANT USAGE POUR L'ENREGISTREMENT ET LA REPRODUCTION**  
[72] MINEMURA, Hiroyuki, JP  
[72] FUSHIMI, Tetsuya, JP  
[72] TOKUSHUKU, Nobuhiro, JP  
[72] SUZUKI, Yoshio, JP  
[72] SUGIYAMA, Hisataka, JP  
[72] MIYAMOTO, Harukazu, JP  
[72] SUZUKI, Motoyuki, JP  
[73] HITACHI, LTD., JP  
[22] 1997-07-25  
[62] 2,206,502  
[30] JP (08-197297) 1996-07-26  
[30] JP (09-023480) 1997-02-06

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[11] **2,238,459**  
[13] C  
[51] **Int.Cl. 6F25C 1/24 6F25D 25/00**  
[25] EN  
[54] **STACKABLE ICE TRAY AND BIN ASSEMBLY**  
[54] **MOULE A GLACONS ET BAC GERBABLES**  
[72] TUNZI, Todd J., US  
[73] MAYTAG CORPORATION, US  
[22] 1998-05-22  
[30] US (08/869,251) 1997-06-04

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[11] **2,242,423**  
[13] C  
[51] **Int.Cl. 6B65B 13/04 6B65B 27/12 6B65B 13/18**  
[25] EN  
[54] **BALING AND STRAPPING MACHINE WITH STRAP CAPTURING AND DEFLECTING APPARATUS AND METHOD THEREFOR**  
[54] **MACHINE DE MISE EN BALLE DOTEE D'UN DISPOSITIF DE SAISIE ET DE DEVIATION DE COURROIE ET METHODE CONNEXE**  
[72] BULLINGTON, Robert E., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1998-07-06  
[30] US (08/891,889) 1997-07-14

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[11] **2,243,599**  
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[51] **Int.Cl. 6G06F 9/44**  
[25] EN  
[54] **PROCESSOR SYSTEM**  
[54] **SYSTEME DE PROCESSEUR**  
[72] STUBBS, Campbell L., US  
[72] LAMB, Estol C., US  
[72] EDWARDS, Nathen P., US  
[73] STUBBS, Campbell L., US  
[73] LAMB, Estol C., US  
[73] EDWARDS, Nathen P., US  
[85] 1998-07-17  
[86] 1997-01-17 (PCT/US97/00792)  
[87] (WO97/26594)  
[30] US (08/587,586) 1996-01-17

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[11] **2,243,773**  
[13] C

[51] **Int.Cl. 6G03G 15/20**  
[25] EN  
[54] **FIXING DEVICE PROVIDED IN AN  
IMAGE FORMING DEVICE**  
[54] **DISPOSITIF DE FIXATION LOGE  
DANS UN DISPOSITIF DE FORMATION  
D'IMAGES**  
[72] HORINAKA, Hajime, JP  
[72] YOSHIMURA, Hisashi, JP  
[72] OCHI, Norihiro, JP  
[73] SHARP KABUSHIKI KAISHA, JP  
[22] 1998-07-22  
[30] JP (9-263320) 1997-09-29

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[11] **2,244,786**  
[13] C

[51] **Int.Cl. 6A47H 1/18 6A47H 23/00**  
[25] EN  
[54] **ROLL-UP CURTAIN BAR  
ATTACHMENT DEVICE FOR  
FLEXIBLE SHEETING**  
[54] **DISPOSITIF A BARRE DE  
FIXATION POUR RIDEAU SOUPLE A  
ENROULEMENT**  
[72] KEIL, Kurt A., US  
[73] KEIL, Kurt A., US  
[22] 1998-08-11  
[30] US (08/916,482) 1997-08-22

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[11] **2,245,556**  
[13] C

[51] **Int.Cl. 6C23C 22/42 6C23C 22/44**  
[25] EN  
[54] **ZINC PHOSPHATE TUNGSTEN-  
CONTAINING COATING  
COMPOSITIONS USING  
ACCELERATORS**  
[54] **COMPOSITIONS AQUEUSES  
D'ENDUCTION A BASE DE ZINC  
CONTENANT DU TUNGSTENE ET  
COMPRENANT DES  
ACCELERATEURS**  
[72] VONK, Donald R., US  
[72] FOTINOS, Nicephoros A., US  
[72] GRAY, Ralph C., US  
[73] PPG INDUSTRIES OHIO, INC., US  
[85] 1998-08-10  
[86] 1997-02-12 (PCT/US97/02204)  
[87] (WO97/30192)  
[30] US (08/603,046) 1996-02-16

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[11] **2,246,076**  
[13] C

[51] **Int.Cl. 6G05B 19/425**  
[25] EN  
[54] **OFF-LINE TEACHING  
APPARATUS**  
[54] **APPAREIL D'ENSEIGNEMENT  
HORS LIGNE**  
[72] AOKI, Shinji, JP  
[72] KANEKO, Masakatsu, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 1998-08-28  
[30] JP (9-245263) 1997-09-10

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[11] **2,251,636**  
[13] C

[51] **Int.Cl. 6C07D 401/12 6C07F 3/02  
6C07D 471/04 6C07D 495/04 6C07D 413/  
14 6C07D 235/28**  
[25] EN  
[54] **PROCESS FOR THE  
PREPARATION OF A MAGNESIUM  
SALT OF A SUBSTITUTED SULPHINYL  
HETEROCYCLE**  
[54] **PROCEDE DE PREPARATION  
D'UN SEL DE MAGNESIUM D'UN  
HETEROCYCLE SULFINYL  
SUBSTITUE**  
[72] HOAGBERG, Jan-Ake, SE  
[72] IOANNIDIS, Panagiotis, SE  
[72] MATTSON, Anders, SE  
[73] ASTRA AKTIEBOLAG, SE  
[85] 1998-10-09  
[86] 1997-04-22 (PCT/SE97/00674)  
[87] (WO97/41114)  
[30] SE (9601598-7) 1996-04-26

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[11] **2,265,948**  
[13] C

[51] **Int.Cl. 6H01Q 1/22**  
[25] EN  
[54] **ANTENNA SYSTEM FOR AN RF  
DATA COMMUNICATIONS DEVICE**  
[54] **SYSTEME D'ANTENNE POUR  
DISPOSITIF RF DE TRANSMISSION DE  
DONNEES**  
[72] CARKNER, STEVEN, CA  
[72] QI, YIHONG, CA  
[72] EDMONSON, Peter, CA  
[72] ZHU, LIZHONG, CA  
[72] JARMUSZEWSKI, Perry, CA  
[73] RESEARCH IN MOTION LIMITED,  
CA  
[85] 1999-03-11  
[86] 1997-09-17 (PCT/CA97/00671)  
[87] (WO98/12771)  
[30] US (08/715,347) 1996-09-18

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[11] **2,268,893**  
[13] C

[51] **Int.Cl. 6A43B 5/04 6A43B 17/02**  
[25] EN  
[54] **FOOTWEAR**  
[54] **ARTICLE CHAUSSANT**  
[72] ROY, Patrice, CA  
[72] JOUBERT, Michel, CA  
[73] ROY, Patrice, CA  
[73] JOUBERT, Michel, CA  
[85] 1999-04-28  
[86] 1998-09-18 (PCT/CA98/00872)  
[87] (WO99/13743)  
[30] CA (2,215,771) 1997-09-18  
[30] CA (2,239,738) 1998-06-05

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[11] **2,269,462**  
[13] C

[51] **Int.Cl. 6C07C 7/00 6F25J 3/02**  
[25] EN  
[54] **HYDROCARBON GAS  
PROCESSING**  
[54] **TRAITEMENT D'UN GAZ  
D'HYDROCARBURES**  
[72] WILKINSON, John D., US  
[72] HUDSON, Hank M., US  
[72] CUELLAR, Kyle T., US  
[73] ELCOR CORPORATION, US  
[85] 1999-04-20  
[86] 1997-10-24 (PCT/US97/19340)  
[87] (WO98/17609)  
[30] US (08/738,321) 1996-10-25

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[11] **2,284,032**  
[13] C

[51] **Int.Cl. 6H04N 5/272**  
[25] EN  
[54] **REAL-TIME METHOD OF DIGITALLY ALTERING A VIDEO DATA STREAM TO REMOVE PORTIONS OF THE ORIGINAL IMAGE AND SUBSTITUTE ELEMENTS TO CREATE A NEW IMAGE**  
[54] **PROCEDE DE MODIFICATION NUMERIQUE EN TEMPS REEL D'UN FLUX DE DONNEES VIDEO AFIN D'EXTRAIRE DES PARTIES DE L'IMAGE ORIGINALE ET DE SUBSTITUER DES ELEMENTS POUR CREER UNE NOUVELLE IMAGE**  
[72] STEFFANO, MICHAEL D., US  
[73] VIEWICS CORPORATION, US  
[85] 1999-09-16  
[86] 1998-03-11 (PCT/US98/04698)  
[87] (WO98/42126)  
[30] US (08/819,921) 1997-03-18

[11] **2,301,714**  
[13] C

[51] **Int.Cl. 7H04N 3/15 7H04N 7/18**  
[25] EN  
[54] **REDUCED AREA IMAGING DEVICES INCORPORATED WITHIN SURGICAL INSTRUMENTS**  
[54] **DISPOSITIFS D'IMAGERIES DE SUPERFICIE REDUITE, INTEGRES A DES INSTRUMENTS CHIRURGICAUX**  
[72] ADAIR, RANDALL S., US  
[72] ADAIR, JEFFREY L., US  
[72] ADAIR, EDWIN L., US  
[73] ADAIR, RANDALL S., US  
[73] ADAIR, JEFFREY L., US  
[73] ADAIR, EDWIN L., US  
[85] 2000-03-31  
[86] 1998-09-17 (PCT/US98/19379)  
[87] (WO99/18613)  
[30] US (08/944,322) 1997-10-06  
[30] US (08/976,976) 1997-11-24

[11] **2,286,222**  
[13] C

[51] **Int.Cl. 6B29C 44/18 6B65D 81/32**  
[25] EN  
[54] **FOAM IN BAG PACKAGING SYSTEM FOR MANUAL USE**  
[54] **SYSTEME D'EMBALLAGE EN SAC PAR COULEE DE MOUSSE A USAGE MANUEL**  
[72] KANNANKERIL, CHARLES P., US  
[72] DAVLIN, ANTHONY ORKIN, US  
[72] SPERRY, LAURENCE BURST, US  
[72] BERTRAM, GEORGE TEOFILIUS, US  
[73] SEALED AIR CORPORATION, US  
[85] 1999-10-06  
[86] 1998-04-13 (PCT/US98/07448)  
[87] (WO98/46407)  
[30] US (08/838,881) 1997-04-14

[11] **2,289,519**  
[13] C

[51] **Int.Cl. 6H04H 9/00 6H04N 7/16**  
[25] EN  
[54] **AUDIENCE MEASUREMENT SYSTEM FOR DIGITAL TELEVISION**  
[54] **SYSTEME D'AUDIMAT POUR TELEVISION NUMERIQUE**  
[72] LU, DAOZHENG, US  
[72] KEMPTER, PAUL C., US  
[72] FEININGER, WILLIAM A., US  
[73] NIELSEN MEDIA RESEARCH, INC., US  
[85] 1999-12-02  
[86] 1998-07-09 (PCT/US98/14286)  
[87] (WO99/59275)  
[30] US (09/076,517) 1998-05-12

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March 18, 2001 - March 24, 2001

## Demandes canadiennes mises à la disponibilité du public

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[21] **2,282,795**  
[13] A1  
[51] Int.Cl. 6B61D 19/00 6E06B 3/46  
[25] EN  
[54] SEALING RAIL CAR DOOR  
[54] PORTE SCELLANTE MONTEE  
SUR RAILS  
[72] KUZUB, DANNY, CA  
[71] DEGELMAN INDUSTRIES LTD., CA  
[22] 1999-09-21  
[43] 2001-03-21

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[21] **2,282,819**  
[13] A1  
[51] Int.Cl. 6B60Q 1/32 6F21V 33/00  
[25] EN  
[54] RUNNING BOARD LIGHTING  
ASSEMBLY  
[54] SYSTEME D'ECLAIRAGE DE  
MARCHEPIED  
[72] BOGDAN, ALEXEI, CA  
[72] HOFFKNECHT, MARC OLIVER, CA  
[71] LUMION CORPORATION, CA  
[22] 1999-09-21  
[43] 2001-03-21

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[21] **2,282,848**  
[13] A1  
[51] Int.Cl. 6C22B 3/18 6C22B 15/00  
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[25] EN  
[54] COPPER AND NICKEL  
RECOVERY  
[54] RECUPERATION DE CUIVRE ET  
DE NICKEL  
[72] MILLER, DEBORAH MAXINE, ZA  
[72] DEW, DAVID WILLIAM, ZA  
[71] BILLITON SA LIMITED, ZA  
[22] 1999-09-20  
[43] 2001-03-20

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[21] **2,282,854**  
[13] A1  
[51] Int.Cl. 6A01K 13/00 6A46B 15/00  
[25] EN  
[54] BRUSH FOR ANIMAL'S PAW  
[54] BROSSE POUR PATTES  
D'ANIMAUX  
[72] ROBERTS, KERRY L., CA  
[72] ROBERTS, ROBERT S., CA  
[71] ROBERTS, KERRY L., CA  
[71] ROBERTS, ROBERT S., CA  
[22] 1999-09-21  
[43] 2001-03-21

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[13] A1  
[51] Int.Cl. 6G02B 21/08  
[25] EN  
[54] DIACHROMIC MICROSCOPE  
CONDENSER  
[54] CONDENSEUR POUR  
MICROSCOPE DIACHRONIQUE  
[72] NAESSENS, GASTON, CA  
[71] NAESSENS, GASTON, CA  
[22] 1999-09-20  
[43] 2001-03-20

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[21] **2,282,873**  
[13] A1  
[51] Int.Cl. 6G06F 17/60 6G06F 17/40  
[25] EN  
[54] AUTOMATED DIRECT  
MARKETING SYSTEM  
[54] SYSTEME AUTOMATISE DE  
VENTE DIRECTE  
[72] LIBMAN, RICHARD MARC, US  
[71] LIBMAN, RICHARD MARC, US  
[22] 1999-09-20  
[43] 2001-03-20

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[21] **2,282,878**  
[13] A1  
[51] Int.Cl. 6H04L 9/00 6H04K 3/00  
[25] EN  
[54] METHOD AND APPARATUS  
EMPLOYING AN INVALID SYMBOL  
SECURITY JAM FOR  
COMMUNICATIONS NETWORK  
SECURITY  
[54] METHODE ET APPAREIL  
UTILISANT UN SYMBOLE INVALIDE  
DE BLOQUAGE DE SECURITE POUR  
LA SECURITE DES RESEAUX DE  
TELECOMMUNICATIONS  
[72] SOKOL, MICHAEL A., US  
[71] LEVEL ONE COMMUNICATIONS,  
INC., US  
[22] 1999-09-20  
[43] 2001-03-20

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[21] **2,282,884**  
[13] A1  
[51] Int.Cl. 6C22B 7/00 6C22B 3/20  
[25] FR  
[54] METHODE DE  
DECONTAMINATION DE RESIDUS  
D'INCINERATION  
[54] DECONTAMINATION METHOD  
FOR TREATMENT RESIDUES  
[72] CHARTIER, MYRIAM, CA  
[72] SAUVAGEAU, CHRISTINE, CA  
[72] ROBERGE, GUY, CA  
[72] MERCIER, GUY, CA  
[71] INSTITUT NATIONAL DE LA  
RECHERCHE SCIENTIFIQUE, CA  
[22] 1999-09-21  
[43] 2001-03-21

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[21] **2,282,900**  
[13] A1  
[51] **Int.Cl. 7C08F 236/02 7C08F 232/06**  
[25] EN  
[54] **HALOGENATED TERPOLYMERS OF ISOBUTYLENE, DIOLEFIN MONOMER AND STYRENIC MONOMER**  
[54] **TERPOLYMERES HALOGENES COMPRENANT DE L'ISOBUTYLENE, DU MONOMERE DIOLEFINIQUE ET DU MONOMERE STYRENIQUE**  
[72] KASZAS, GABOR, CA  
[71] BAYER INC., CA  
[22] 1999-09-20  
[43] 2001-03-20

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[21] **2,282,921**  
[13] A1  
[51] **Int.Cl. 6A01C 1/06 6A01G 1/00**  
[25] EN  
[54] **WATER INSOLUBLE, FREEZE SENSITIVE SEED COATINGS**  
[54] **ENROBAGE INSOLUBLE A L'EAU POUR SEMENCES SENSIBLES AU GEL**  
[72] ZAYCHUK, KEVIN, CA  
[72] ENDERS, NICHOLAS, US  
[71] GROW TEC INC., CA  
[22] 1999-09-21  
[43] 2001-03-21

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[21] **2,282,931**  
[13] A1  
[51] **Int.Cl. 6H04L 12/16 6H04Q 3/66**  
[25] EN  
[54] **A CONTACT CENTER SYSTEM CAPABLE OF HANDLING MULTIPLE MEDIA TYPES OF CONTACTS AND METHOD FOR USING THE SAME**  
[54] **SYSTEME DE CENTRE DE TRIAGE QUI PEUT GERER DES CONTACTS DE PLUSIEURS SORTES DE MEDIAS, AINSI QUE LA METHODE D'EXPLOITATION**  
[72] PEANG-METH, LY K., US  
[72] MEARS, JOHN C., US  
[72] KORZENIOWSKI, GARY E., US  
[72] LEWIS, WILLIAM R., JR., US  
[71] MICROLOG CORPORATION, US  
[22] 1999-09-21  
[43] 2001-03-21

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[21] **2,282,933**  
[13] A1  
[51] **Int.Cl. 6A47L 5/38**  
[25] FR  
[54] **ASPIRATEUR CENTRAL**  
[54] **CENTRAL VACUUMING SYSTEM**  
[72] DUCHARME, DANIEL, CA  
[71] DUCHARME, DANIEL, CA  
[22] 1999-09-24  
[43] 2001-03-24

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[21] **2,282,954**  
[13] A1  
[51] **Int.Cl. 6B02C 19/06**  
[25] EN  
[54] **JET MILL**  
[54] **TOURBILLON**  
[72] GOTO, SHOICHI, JP  
[71] VISHNU CO., LTD., JP  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,282,961**  
[13] A1  
[51] **Int.Cl. 6A63H 3/36 6A47F 7/00**  
[25] EN  
[54] **A TOY FIGURE SUPPORT DEVICE**  
[54] **SUPPORT DE FIGURINE**  
[72] CHEN, CHAO-YANG, TW  
[71] CHEN, CHAO-YANG, TW  
[22] 1999-09-21  
[43] 2001-03-21

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[21] **2,282,969**  
[13] A1  
[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **PRODUCTION METHOD OF ABSORBENT BODY**  
[54] **METHODE DE PRODUCTION D'UNE MATIERE ABSORBANTE**  
[72] OCHI, KENGO, JP  
[71] UNI-HEARTOUS CORPORATION, JP  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,282,970**  
[13] A1  
[51] **Int.Cl. 6F16H 7/12**  
[25] EN  
[54] **TENSIONER**  
[54] **TENSEUR**  
[72] AYUKAWA, KAZUMASA, JP  
[71] UNITTA COMPANY, JP  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,282,974**  
[13] A1  
[51] **Int.Cl. 6A61M 5/50**  
[25] EN  
[54] **AUTO-DESTRUCT SYRINGE**  
[54] **SERINGUE AUTO-DESTRUCTRICE**  
[72] CAMPBELL, DOUGLAS C. V., CA  
[71] CAMPBELL, DOUGLAS C. V., CA  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,282,976**  
[13] A1  
[51] **Int.Cl. 6B27L 7/06 6F15B 11/08**  
[25] EN  
[54] **LOG CUTTING DEVICE**  
[54] **FENDEUSE DE BOIS**  
[72] ARPIN, CLAUDE, CA  
[71] SITTELLE TECHNOLOGIES INC., CA  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,282,982**  
[13] A1  
[51] **Int.Cl. 6A61K 31/565**  
[25] EN  
[54] **LOCAL DELIVERY OF 17 - BETA ESTRADIOL DURING BALLOON ANGIOPLASTY FOR PREVENTING RESTENOSIS**  
[54] **LIVRAISON LOCALE DE 17-B ESTRADIOL POUR LA PREVENTION DE L'ANGIOPLASTIE TRANSLUMINALE PERCUTANEE**  
[72] CHANDRASEKAR, BASKARAN, CA  
[72] TANGUAY, JEAN-FRANÇOIS, CA  
[71] CHANDRASEKAR, BASKARAN, CA  
[71] INSTITUT DE CARDIOLOGIE DE MONTRÉAL, CA  
[71] TANGUAY, JEAN-FRANÇOIS, CA  
[22] 1999-09-21  
[43] 2001-03-21

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[21] **2,282,987**  
[13] A1  
[51] **Int.Cl. 6B23P 19/04 6E04C 3/04**  
[25] EN  
[54] **TRUSS TABLE WITH FLIPPER AND METHOD OF USE**  
[54] **TABLE A BASCULE POUR LA FABRICATION DE FERMES ET METHODE D'UTILISATION**  
[72] HAASE, CHRISTOPHER L., US  
[71] MITEK HOLDINGS, INC., US  
[22] 1999-09-21  
[43] 2001-03-21

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**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,282,988**  
[13] A1

[51] **Int.Cl. 6E06B 1/26**  
[25] EN  
[54] **WATER RESISTANT WINDOW FRAME**  
[54] **CADRE DE FENETRE RESISTANT A L'EAU**  
[72] EDGER, RONALD FREDRICK, CA  
[71] ROYAL GROUP TECHNOLOGIES LIMITED, CA  
[22] 1999-09-21  
[43] 2001-03-21

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[21] **2,282,989**  
[13] A1

[51] **Int.Cl. 6E06B 1/26**  
[25] EN  
[54] **WINDOW FRAME AND METHOD OF FABRICATING SAME**  
[54] **CADRE DE FENETRE ET METHODE DE FABRICATION**  
[72] EDGER, RONALD FREDRICK, CA  
[71] ROYAL GROUP TECHNOLOGIES LIMITED, CA  
[22] 1999-09-21  
[43] 2001-03-21

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[21] **2,282,993**  
[13] A1

[51] **Int.Cl. 6A01B 35/28 6A01B 23/06 6A01B 21/08 6A01B 15/18**  
[25] EN  
[54] **SPRING TINE COULTER TILL**  
[54] **MACHINE A CULTIVER DISPOSANT DE COUTRE ET DE FOURCHES A RESSORT**  
[72] McILHARGEY, JOSEPH F., CA  
[71] McILHARGEY, JOSEPH F., CA  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,282,998**  
[13] A1

[51] **Int.Cl. 6E06B 3/67**  
[25] EN  
[54] **LIGHT-DIFFUSING, INSULATING, GLAZING SYSTEM COMPONENT**  
[54] **SYSTEME DE VITRAGE ISOLANT A VERRE DIFFUSEUR**  
[72] MILBURN, DOUGLAS I., CA  
[71] ADVANCED GLAZINGS LTD., CA  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,282,999**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CROSS-NODE SHARING OF CACHED DYNAMIC SQL IN A MULTIPLE RELATIONAL DATABASE MANAGEMENT SYSTEM ENVIRONMENT**  
[54] **METHODE ET APPAREIL PERMETTANT LE PARTAGE EN N UDS CROISES DE LA DYNAMIQUE EN ANTEMEMOIRE DU LANGAGE SQL DANS UN SYSTEME DE GESTION DE BASES DE DONNEES A RELATIONS MULTIPLES**  
[72] SNOWBELL, MICHAEL JOSHUA, CA  
[72] BIRD, PAUL MILLER, CA  
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,283,005**  
[13] A1

[51] **Int.Cl. 6G08C 17/02 6H04L 12/56**  
[25] EN  
[54] **TWO WAY PACKET RADIO INCLUDING SMART DATA BUFFER AND PACKET RATE CONVERSION**  
[54] **RADIOCOMMUNICATION A COMMUTATION DE PAQUETS EN EMISSION/RECEPTION COMPRENANT UNE MEMOIRE TAMPON INTELLIGENTE DE DONNEES ET UN CONVERTISSEUR DE TAUX DES PAQUETS**  
[72] BECKWITH, ROBERT W., US  
[71] BECKWITH, ROBERT W., US  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,283,007**  
[13] A1

[51] **Int.Cl. 6F17C 1/00 6B63B 35/00 6F17C 5/06 6B63B 25/14**  
[25] EN  
[54] **CONTAINMENT STRUCTURE AND METHOD OF MANUFACTURE THEREOF**  
[54] **STRUCTURE DE RETENTION ET SA METHODE DE FABRICATION**  
[72] FITZPATRICK, P. JOHN, CA  
[72] STENNING, DAVID G., CA  
[72] CRAN, JAMES A., CA  
[71] FITZPATRICK, P. JOHN, CA  
[71] STENNING, DAVID G., CA  
[71] CRAN, JAMES A., CA  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,283,008**  
[13] A1

[51] **Int.Cl. 6F17C 1/00 6B63B 35/00 6F17C 5/06 6B63B 25/14**  
[25] EN  
[54] **SHIP OR BARGE BASED COMPRESSED GAS TRANSPORT SYSTEM**  
[54] **NAVIRE OU BARGE DESTINE AU TRANSPORT DU GAS COMPRIME**  
[72] CRAN, JAMES A., CA  
[72] FITZPATRICK, P. JOHN, CA  
[72] STENNING, DAVID G., CA  
[71] CRAN, JAMES A., CA  
[71] FITZPATRICK, P. JOHN, CA  
[71] STENNING, DAVID G., CA  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,283,011**  
[13] A1

[51] **Int.Cl. 6E04B 1/10 6E04C 1/00**  
[25] EN  
[54] **CONSTRUCTION METHOD USING WOODEN BRICKS**  
[54] **METHODE DE CONSTRUCTION UTILISANT DES BRIQUES DE BOIS**  
[72] LOKKEN, GARY, CA  
[71] LOKKEN, GARY, CA  
[22] 1999-09-22  
[43] 2001-03-22

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[21] 2,283,029  
[13] A1

[51] Int.Cl. 6H04R 1/02  
[25] EN  
[54] LOUDSPEAKER SYSTEM, AND METHOD OF ASSEMBLING A LOUDSPEAKER SYSTEM FROM LOUDSPEAKER SUBASSEMBLIES  
[54] SYSTEME DE HAUT-PARLEURS ET METHODE DE MONTAGE D'UN HAUT-PARLEUR A PARTIR DE SES ELEMENTS  
[72] HLIBOWICKI, STEFAN R., CA  
[72] VAN KESSEL, GORD, CA  
[71] AUDIO PRODUCTS INTERNATIONAL CORP., CA  
[22] 1999-09-22  
[43] 2001-03-22

[21] 2,283,050  
[13] A1

[51] Int.Cl. 6G06F 17/30  
[25] EN  
[54] EXPORTING AND IMPORTING OF DATA IN OBJECT-RELATIONAL DATABASES  
[54] EXPORTATION ET IMPORTATION DE DONNEES DES BASES DE DONNEES FONDEES SUR LES RELATIONS AVEC L'OBJET  
[72] LAU, LEO TAT MAN, CA  
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA  
[22] 1999-09-23  
[43] 2001-03-23

[21] 2,283,052  
[13] A1

[51] Int.Cl. 6G06F 11/30 6G06F 17/60  
[25] EN  
[54] A SYSTEM AND PROCESS FOR EVALUATING THE PERFORMANCE OF A DATABASE SYSTEM  
[54] SYSTEME ET PROCEDE VISANT L'EVALUATION DU RENDEMENT D'UN SYSTEME DE BASE DE DONNEES  
[72] HORNIBROOK, JOHN F., CA  
[72] RJAIBI, WALID, CA  
[72] ZUZARTE, CALISTO PAUL, CA  
[72] LUMBY, JOHN E., CA  
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA  
[22] 1999-09-23  
[43] 2001-03-23

[21] 2,283,055  
[13] A1

[51] Int.Cl. 6G06F 11/30 6G06F 17/60  
[25] EN  
[54] METHOD AND MEANS FOR EVALUATING THE PERFORMANCE OF A DATABASE SYSTEM REFERENCING FILE EXTERNAL TO THE DATABASE SYSTEM  
[54] METHODE ET MOYENS D'EVALUER LE RENDEMENT D'UN SYSTEME DE BASE DE DONNEES SE REFERANT A DES FICHIERS EXTERIEURS AU SYSTEME DE BASE DE DONNEES  
[72] GARTNER, JASON MICHAEL, CA  
[72] POMEROY, RONALD JAMES, CA  
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA  
[22] 1999-09-23  
[43] 2001-03-23

[21] 2,283,084  
[13] A1

[51] Int.Cl. 6E04C 3/09 6F16B 13/14  
[25] EN  
[54] GROMMET FOR USE WITH SHEET METAL STRUCTURAL MEMBER  
[54] ILLET POUR UTILISATION DANS UNE STRUCTURE DE METAL EN FEUILLE  
[72] LAMERS, JOHN PETER, CA  
[72] BOGART, RONALD JAMES, CA  
[72] BODNAR, ERNEST ROBERT, CA  
[71] ROTARY PRESS SYSTEMS INC., CA  
[22] 1999-09-23  
[43] 2001-03-23

[21] 2,283,111  
[13] A1

[51] Int.Cl. 6E04H 15/48 6E04H 15/00  
[25] EN  
[54] PORTABLE FOLDING SHELTER  
[54] ABRI PLIANT PORTABLE  
[72] PETERSON, WARREN, CA  
[71] PETERSON, WARREN, CA  
[22] 1999-09-23  
[43] 2001-03-23

[21] 2,283,116  
[13] A1

[51] Int.Cl. 6A47B 3/08 6A47B 9/20  
[25] EN  
[54] FOLDING TABLE WITH EXTENDABLE LEGS  
[54] TABLE PLIANTE A PATTES EXTENSIBLES  
[72] HUO, JIN WOOK, KR  
[72] LEE, HOWARD Y., US  
[71] HUO, JIN WOOK, KR  
[71] LEE, HOWARD Y., US  
[22] 1999-09-23  
[43] 2001-03-23

[21] 2,283,369  
[13] A1

[51] Int.Cl. 6H04Q 1/30 6H04B 17/00  
[25] EN  
[54] METHOD AND APPARATUS UTILIZING SS7 SIGNALLING FOR ESTABLISHING BROADBAND CONNECTIONS  
[54] METHODE ET APPAREIL UTILISANT LA SIGNALISATION SS7 POUR ETABLIR LES CONNEXIONS DE LARGE BANDE  
[72] MATTHEWS, TERENCE H., CA  
[71] NEWBRIDGE NETWORKS CORPORATION, CA  
[22] 1999-09-24  
[43] 2001-03-24

[21] 2,283,374  
[13] A1

[51] Int.Cl. 7A61K 31/365 7A61K 31/22 7A61K 31/40  
[25] EN  
[54] COMBINATION THERAPIES FOR TREATING ATHEROSCLEROSIS IN MAMMALS  
[54] THERAPIES CONJOINTES POUR LE TRAITEMENT DE L'ARTERIOSCLEROSE CHEZ LES MAMMIFERES  
[72] UNKNOWN, ZZ  
[71] VASOGEN INC., CA  
[22] 1999-09-24  
[43] 2001-03-24

**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,283,376**  
[13] A1

[51] **Int.Cl. 7C12P 13/04 7C12P 13/22**  
[25] EN  
[54] **SYNTHESIS OF OPTICALLY ACTIVE PHENYLALANINE ANALOGS THROUGH MICROBIAL TRANSFORMATIONS**  
[54] **SYNTHESE D'ANALOGUES DE PHENYLALANINE OPTIQUEMENT ACTIFS PAR TRANSFORMATIONS MICROBIENNES**  
[72] LIU, WEIGUO, US  
[71] GREAT LAKES CHEMICAL CORPORATION, US  
[22] 1999-09-24  
[43] 2001-03-24

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[21] **2,283,417**  
[13] A1

[51] **Int.Cl. 6H04L 12/18 6H04L 12/56**  
[25] EN  
[54] **OUTPUT SCHEDULING AND HANDLING MULTICAST TRAFFIC IN COMMUNICATION SWITCHING SYSTEMS**  
[54] **ORDONNANCEMENT DE SORTIE ET GESTION DE TRAFIC DE SOURCES MULTIPLES DANS LES SYSTEMES DE COMMUTATION DES COMMUNICATIONS**  
[72] GILDERSON, JAMES A., CA  
[72] AMAL, KHAILTASH, CA  
[72] ANEESH, DALVI, CA  
[72] WIBOWO, EKO ADI, CA  
[72] LEVESQUE, MARC, CA  
[71] SPACEBRIDGE NETWORKS CORPORATION, CA  
[22] 1999-09-23  
[43] 2001-03-23

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[21] **2,283,441**  
[13] A1

[51] **Int.Cl. 6A63B 69/38 6A63B 69/00**  
[25] EN  
[54] **BALL GAME PRACTICE APPARATUS**  
[54] **APPAREIL D'EXERCICE A LA PARTIE DE BASEBALL**  
[72] KITA, SHIGERU, JP  
[71] KITA, SHIGERU, JP  
[22] 1999-09-23  
[43] 2001-03-23

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[21] **2,283,481**  
[13] A1

[51] **Int.Cl. 6A42B 1/00 6A42B 1/24**  
[25] EN  
[54] **HAT**  
[54] **CHAPEAU**  
[72] KOPP, LEAH V., CA  
[72] KOPP, GERARD W.J., CA  
[71] KOPP, LEAH V., CA  
[71] KOPP, GERARD W.J., CA  
[22] 1999-09-23  
[43] 2001-03-23

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[21] **2,283,495**  
[13] A1

[51] **Int.Cl. 6G01B 5/008 6G02C 13/00 6B24B 9/14**  
[25] EN  
[54] **EYEGLASS FRAME AND LENS TRACING APPARATUS AND METHOD**  
[54] **APPAREIL DE TRACAGE DES LENTILLES ET DES MONTURES DE LUNETTES, AINSI QUE LA METHODE D'UTILISATION**  
[72] KUJAWA, S. KIM, CA  
[71] ELISION TECHNOLOGY INC., CA  
[22] 1999-09-23  
[43] 2001-03-23

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[21] **2,283,513**  
[13] A1

[51] **Int.Cl. 6G07F 19/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR AUTOMATIC TELLER MACHINE AND ASSOCIATED SERVICE**  
[54] **METHODE ET SYSTEME DE GUICHET AUTOMATIQUE ET DE SERVICES CONNEXES**  
[72] SKALOSKY, TERENCE MICHAEL, CA  
[71] DEL-COIN HOLDINGS, CA  
[22] 1999-09-23  
[43] 2001-03-23

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[21] **2,283,549**  
[13] A1

[51] **Int.Cl. 6F25D 23/02 6F25D 23/04**  
[25] EN  
[54] **REFRIGERATOR DOOR BOTTOM STORAGE MODULE ASSEMBLY**  
[54] **MODULE DE RANGEMENT DU BAS DE PORTE DE REFRIGERATEUR**  
[72] DANG, MUC, CA  
[71] DANG, MUC, CA  
[22] 1999-09-24  
[43] 2001-03-24

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[21] **2,283,553**  
[13] A1

[51] **Int.Cl. 6A47G 19/16**  
[25] EN  
[54] **TEA UNFUSING DEVICE**  
[54] **DISPOSITIF D'INFUSION DU THE**  
[72] TIEN LIN, YU MEI, ZZ  
[71] TIEN LIN, YU MEI, TW  
[22] 1999-09-24  
[43] 2001-03-24

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[21] **2,283,577**  
[13] A1

[51] **Int.Cl. 6H04R 3/00 6H04B 3/54**  
[25] EN  
[54] **TRANSMISSION OF POWER AND/OR SIGNALLING BETWEEN AN AUDIO DISTRIBUTION UNIT AND A PLURALITY OF REMOTE AUDIO TRANSDUCERS**  
[54] **TRANSMISSION DE PUISSANCE ET/OU DE SIGNAL ENTRE UN CENTRE DE DISTRIBUTION AUDIO ET PLUSIEURS TRANSDUCTEURS AUDIO ELOIGNES**  
[72] BONNEVILLE, MARC ETIENNE, CA  
[71] BONNEVILLE, MARC ETIENNE, CA  
[22] 1999-09-23  
[43] 2001-03-23

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[21] **2,284,217**  
[13] A1

[51] **Int.Cl. 6D06P 5/15 6D06L 3/08**  
[25] EN  
[54] **DYE DISCHARGE COLOURIZATION PROCESS**  
[54] **PROCEDE DE COLORATION DE LA DECHARGE DES COLORANTS**  
[72] FERRIS, JOHN DOUGLAS, CA  
[71] FERRIS, JOHN DOUGLAS, CA  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,284,226**  
[13] A1

[51] **Int.Cl. 6A45D 24/02**  
[25] EN  
[54] **EXTENSION REMOVAL COMB**  
[54] **PEIGNE SERVANT A DEFAIRE LES TRESSES, PUIS A PEIGNER**  
[72] WALKER, SHARON, CA  
[71] WALKER, SHARON, CA  
[22] 1999-09-21  
[43] 2001-03-21

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Canadian Laid-Open Applications  
March 18, 2001 - March 24, 2001

[21] **2,284,315**  
[13] A1

[51] **Int.Cl. 6A01K 31/14**  
[25] FR  
[54] **NICHOIR POUR OISEAUX POPULAIRES**  
[54] **NESTING BOX FOR POPULAR BIRDS**  
[72] REGOUT, YVAN XAVIER, CA  
[71] REGOUT, YVAN XAVIER, CA  
[22] 1999-09-20  
[43] 2001-03-20

[21] **2,284,340**  
[13] A1

[51] **Int.Cl. 6B27M 3/00 6E04C 3/12**  
[25] EN  
[54] **FLANGE FEEDER FOR WOODEN I-BEAM ASSEMBLY MACHINE**  
[54] **ALIMENTATEUR DES AILES POUR UNE MACHINE A FABRIQUER DES POUTRES DE BOIS EN I**  
[72] CROSTON, VICTOR W., ZZ  
[71] GLOBE MACHINE MANUFACTURING CO., US  
[22] 1999-09-29  
[43] 2001-03-24  
[30] US (09/404,806) 1999-09-24  
[30] US (60/155,649) 1999-09-24

[21] **2,284,370**  
[13] A1

[51] **Int.Cl. 6B62M 29/00 6B62K 13/00 6B62K 17/00**  
[25] EN  
[54] **BICYCLE ATTACHMENT FOR MOBILITY ON SNOW TERRAIN (B-TRACK)**  
[54] **ACCESSOIRE DE BICYCLETTE POUR MOBILITE DANS LA NEIGE**  
[72] GESSESSE, YEMANE B., CA  
[71] GESSESSE, YEMANE B., CA  
[22] 1999-09-20  
[43] 2001-03-20

[21] **2,284,438**  
[13] A1

[51] **Int.Cl. 6H04N 7/16**  
[25] EN  
[54] **SELECTION & ADAPTATION SYSTEM & METHOD FOR THE DELIVERY OF INDIVIDUALIZED TELEVISION COMMERCIAL(S) TO AN IDENTIFIED ADVANCED TELEVISION VIEWER**  
[54] **SYSTEME DE SELECTION ET D'ADAPTATION, AINSI QUE LA METHODE D'EMISSION DES COMMERCIAUX DE TELEVISION PERSONNALISES AUPRES D'UN AUDITEUR CIBLE D'AVANCE**  
[72] BARRETT, BRAD C., CA  
[72] VASILAKOS, JOHN ANDREW, CA  
[71] BARRETT, BRAD C., CA  
[71] VASILAKOS, JOHN ANDREW, CA  
[22] 1999-09-22  
[43] 2001-03-22

[21] **2,285,499**  
[13] A1

[51] **Int.Cl. 6A63B 22/02**  
[25] EN  
[54] **SUSPENSION SYSTEM FOR EXERCISE APPARATUS**  
[54] **SYSTEME DE SUSPENSION POUR APPAREIL A EXERCICES**  
[72] BARKER, PAUL D., US  
[72] STEVENS, PAUL, US  
[72] WING, GREGORY, US  
[71] PRECOR INCORPORATED, US  
[22] 1999-10-07  
[43] 2001-03-20  
[30] US (09/441,491) 1999-09-20

[21] **2,285,520**  
[13] A1

[51] **Int.Cl. 6A41D 13/08**  
[25] EN  
[54] **HYGIENIC WORKWELL MITTS**  
[54] **MITAINES HYGIENIQUES MANIABLES**  
[72] GUEST, CHRISTOPHER W. J., CA  
[71] GUEST, CHRISTOPHER W. J., CA  
[22] 1999-09-22  
[43] 2001-03-22

[21] **2,285,536**  
[13] A1

[51] **Int.Cl. 6F41B 15/02 6F41C 33/02**  
[25] EN  
[54] **TELESCOPING/COLLAPSIBLE BATON BRACKET**  
[54] **SUPPORT DE BATON TELESCOPIQUE**  
[72] MACUMBER, IRA J., CA  
[72] STONEY, GARY V., CA  
[71] MACUMBER, IRA J., CA  
[71] STONEY, GARY V., CA  
[22] 1999-09-23  
[43] 2001-03-23

[21] **2,285,736**  
[13] A1

[51] **Int.Cl. 6A63F 7/00**  
[25] EN  
[54] **RACKEM**  
[54] **JEU DE CHIQUENAUDE**  
[72] BHASIN, SAHIBJEET SINGH, CA  
[71] BHASIN, SAHIBJEET SINGH, CA  
[22] 1999-09-24  
[43] 2001-03-24

[21] **2,285,893**  
[13] A1

[51] **Int.Cl. 6B60P 7/08 6B60P 3/06 6B60P 7/15**  
[25] EN  
[54] **ATV LOCKER**  
[54] **CASIER ANTIVOL POUR VEHICULES TOUT TERRAIN**  
[72] LOCHER, CORY W., CA  
[71] LOCHER, CORY W., CA  
[22] 1999-09-24  
[43] 2001-03-24

[21] **2,287,124**  
[13] A1

[51] **Int.Cl. 6E04F 19/02 6B31D 5/04**  
[25] EN  
[54] **QUIK CORNER MANUFACTURING MACHINE**  
[54] **MACHINE POUR PRODUIRE DES COINS RAPIDES**  
[72] CAROTA, MARK, CA  
[71] CAROTA, MARK, CA  
[22] 1999-09-23  
[43] 2001-03-23

**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,287,132**  
[13] A1

[51] **Int.Cl. 7F04B 43/12**  
[25] EN  
[54] **ROLLER PUMP**  
[54] **POMPE A ROULEAU POUSSOIR**  
[72] HARIRI, ALIASGHAR, IR  
[71] HARIRI, ALIASGHAR, IR  
[22] 1999-09-22  
[43] 2001-03-22

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[21] **2,287,396**  
[13] A1

[51] **Int.Cl. 6B60K 15/063 6B60K 15/07**  
[25] EN  
[54] **CNG FUEL SUPPLY SYSTEM**  
[54] **SYSTEME D'ALIMENTATION EN GAZ NATUREL COMPRIME**  
[72] VEDDER, JOSHUA C., US  
[72] SCOTT, JEFFREY D., US  
[72] SCOTT, GEORGE T., US  
[71] FAB INDUSTRIES, L.L.C., US  
[22] 1999-10-26  
[43] 2001-03-20  
[30] US (09/400,642) 1999-09-20

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[21] **2,287,402**  
[13] A1

[51] **Int.Cl. 6B60K 15/077 6B60K 15/035 6F17C 13/12**  
[25] EN  
[54] **PRESSURE RELIEF SYSTEM**  
[54] **DISPOSITIF DE DECOMPRESSION**  
[72] SCOTT, GEORGE T., US  
[72] SCOTT, JEFFREY D., US  
[72] VEDDER, JOSHUA C., US  
[71] FAB INDUSTRIES, L.L.C., US  
[22] 1999-10-26  
[43] 2001-03-20  
[30] US (09/400,698) 1999-09-20

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[21] **2,287,407**  
[13] A1

[51] **Int.Cl. 6B60K 15/04 6B60K 15/035 6F17C 13/04**  
[25] EN  
[54] **FILL BLOCK**  
[54] **BLOC DE REMPLISSAGE**  
[72] SCOTT, JEFFREY D., US  
[71] FAB INDUSTRIES, L.L.C., US  
[22] 1999-10-26  
[43] 2001-03-20  
[30] US (09/399,449) 1999-09-20

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[21] **2,287,411**  
[13] A1

[51] **Int.Cl. 6B60K 15/01 6B60K 15/063**  
[25] EN  
[54] **TUBING MANIFOLD WITH EXPANSION LOOPS**  
[54] **COLLECTEUR AVEC BOUCLES DE DILATATION**  
[72] SCOTT, JEFFREY D., US  
[72] VEDDER, JOSHUA C., US  
[72] SCOTT, GEORGE T., US  
[71] FAB INDUSTRIES, L.L.C., US  
[22] 1999-10-26  
[43] 2001-03-20  
[30] US (09/400,520) 1999-09-20

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[21] **2,287,414**  
[13] A1

[51] **Int.Cl. 6B60K 15/07 6F17C 13/08**  
[25] EN  
[54] **CYLINDER MOUNT FOR FUEL SYSTEM**  
[54] **FIXATION DE CYLINDRE POUR SYSTEME D'ALIMENTATION EN GAZ**  
[72] SCOTT, JEFFREY D., US  
[71] FAB INDUSTRIES, L.L.C., US  
[22] 1999-10-26  
[43] 2001-03-20  
[30] US (09/400,640) 1999-09-20

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[21] **2,287,588**  
[13] A1

[51] **Int.Cl. 6H04L 7/04 6H04L 12/24**  
[25] EN  
[54] **TIME-WALKING PREVENTION IN A DIGITAL SWITCHING IMPLEMENTATION FOR CLOCK SELECTION**  
[54] **PREVENTION DANS LES FLUCTUATIONS DU TEMPS LORS DE LA MISE EN APPLICATION DE LA COMMUTATION NUMERIQUE APPLIQUEE AU CHOIX D'HORLOGE**  
[72] OMAS, JEREMY D., US  
[71] ALCATEL, FR  
[22] 1999-10-25  
[43] 2001-03-21  
[30] US (09/399,711) 1999-09-21

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[21] **2,287,598**  
[13] A1

[51] **Int.Cl. 6A63H 33/06**  
[25] FR  
[54] **SYSTEME DE BLOCS MODULAIRES POUR JEU DE CONSTRUCTION SERVANT A LA REALISATION DE CASSE-TETE TRIDIMENSIONNELS**  
[54] **MODULAR BLOCK SYSTEM FOR A BUILDING SET USED TO MAKE SELF-BRACING THREE-DIMENSIONAL PUZZLES**  
[72] JOSEPH, VERNAU, CA  
[71] JOSEPH, VERNAU, CA  
[22] 1999-09-23  
[43] 2001-03-23

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[21] **2,287,670**  
[13] A1

[51] **Int.Cl. 6E06B 9/40 6E06B 9/54 6E06B 9/56**  
[25] EN  
[54] **ROLLER SCREEN**  
[54] **ECRAN ESCAMOTABLE**  
[72] SCHAAP, HENK, NL  
[71] HAMSTRA-WEESP B.V., NL  
[22] 1999-10-28  
[43] 2001-03-20  
[30] NL (1013096) 1999-09-20

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[21] **2,288,537**  
[13] A1

[51] **Int.Cl. 7A47J 37/06**  
[25] EN  
[54] **GRILL WITH IMPROVED ROTARY HEATING ELEMENTS**  
[54] **FOUR A ELEMENTS DE CHAUFFAGE ROTATIFS AMELIORES**  
[72] DELPIERRE, PHILLIP III, US  
[72] HOWARD, WALTER EDWARD, US  
[71] KRAFT FOODS, INC., US  
[22] 1999-11-03  
[43] 2001-03-22  
[30] US (401,162) 1999-09-22

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March 18, 2001 - March 24, 2001

[21] 2,290,173  
[13] A1

[51] **Int.Cl. 7B23K 37/00**  
[25] EN  
[54] **DEFECTIVE POINT INDICATING APPARATUS**  
[54] **APPAREIL D'INDICATION DE POINT DEFECTUEUX**  
[72] MORISHITA, TAIICHIRO, JP  
[71] TAKAO KINZOKU KOGYO CO., LTD., JP  
[22] 1999-11-23  
[43] 2001-03-24  
[30] JP (11-271192) 1999-09-24

[21] 2,290,229  
[13] A1

[51] **Int.Cl. 7B27B 29/00 7B27B 31/00**  
[25] EN  
[54] **LOG POSITIONING AND SECURING DEVICE**  
[54] **DISPOSITIF DE POSITIONNEMENT ET D'ASSUJETTISSEMENT DE GRUMES**  
[72] NEVILLE, RICHARD L., US  
[71] NEVILOG, INC., US  
[22] 1999-11-19  
[43] 2001-03-24  
[30] US (09/404,927) 1999-09-24

[21] 2,290,714  
[13] A1

[51] **Int.Cl. 7H01M 2/10**  
[25] EN  
[54] **BATTERY BOX**  
[54] **COMPARTIMENT A BATTERIE**  
[72] JACOBS, JAMES K., CA  
[72] DASGUPTA, SANKAR, CA  
[71] ELECTROFUEL, INC., CA  
[22] 1999-11-25  
[43] 2001-03-24  
[30] US (09/404,602) 1999-09-24

[21] 2,290,878  
[13] A1

[51] **Int.Cl. 7H01M 10/28**  
[25] EN  
[54] **LITHIUM BATTERY STRUCTURE INCORPORATING LITHIUM POUCH CELLS**  
[54] **STRUCTURE DE BATTERIE AU LITHIUM COMPRENANT DES CELLULES AU LITHIUM MISES DANS DES SACHETS**  
[72] DASGUPTA, Sankar, CA  
[72] JACOBS, JAMES K., CA  
[71] ELECTROFUEL, INC., CA  
[22] 1999-11-25  
[43] 2001-03-24  
[30] US (09/404,603) 1999-09-24

[21] 2,290,898  
[13] A1

[51] **Int.Cl. 7A61B 10/00**  
[25] EN  
[54] **VAGINAL PROBE HAVING AN IMPROVED SENSOR AND METHOD OF USING SAME**  
[54] **SONDE VAGINALE MUNIE D'UN DETECTEUR AMELIORE, AINSI QUE SA METHODE D'UTILISATION**  
[72] BLYTHE, CLEVELAND, CA  
[72] COULSON, RICHARD, CA  
[72] NAKAMURA, KAERYNNE, CA  
[71] BLYTHE, CLEVELAND, CA  
[22] 1999-11-25  
[43] 2001-03-23  
[30] CA (PCT/CA99/00877) 1999-09-23

[21] 2,291,972  
[13] A1

[51] **Int.Cl. 7B05C 5/02**  
[25] EN  
[54] **APPLICATOR FOR APPLYING SEALANT ONTO A GLASS BLOCK**  
[54] **APPLICATEUR SERVANT A POSER LES JOINTS ETANCHES SUR LES BLOCS DE VERRE**  
[72] FOX, ROBERT E., US  
[72] FORTE, PAUL R., US  
[71] TREND PRODUCTS, INC., US  
[22] 1999-12-10  
[43] 2001-03-22  
[30] US (09/401,845) 1999-09-22

[21] 2,292,242  
[13] A1

[51] **Int.Cl. 7C10G 9/16 7B01D 5/00**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR STRONGLY REDUCING THE COKE DUST IN THE EFFLUENTS DURING THE DECOKING OF THE HYDROCARBON CRACKING OVENS FOR THE PRODUCTION OF OLEFINS**  
[54] **PROCEDE ET APPAREIL SERVANT A REDUIRE FORTEMENT LA POUSSIERE DE CHARBON DANS LES EFFLUENTS AU COURS DU PROCEDE DE DECOKAGE DES FOURS DE FRAGMENTATION DES HYDROCARBURES**  
[72] PICCIOTTI, MARCELLO, IT  
[72] BELTRAME, DARIO, IT  
[72] DI CINTIO, ROBERTO, IT  
[71] TECHNIP ITALY SPA, IT  
[22] 1999-12-14  
[43] 2001-03-22  
[30] IT (RM99A000583) 1999-09-22

[21] 2,293,227  
[13] A1

[51] **Int.Cl. 7A63B 53/12 7B21D 53/00**  
[25] EN  
[54] **GOLF CLUB SHAFT**  
[54] **TIGE DE BATON DE GOLF**  
[72] BUSH, ROBERT, US  
[72] BURNETT, MICHAEL S., US  
[72] GAVEY, CHRISTOPHER A., US  
[72] HOLMAN, DEREK W., US  
[72] JOHANSEN, BRIAN W., US  
[72] MURLAND, RICHARD H., US  
[72] ADAMS, BYRON H., US  
[72] BOYD, ROBERT M., US  
[71] ADAMS GOLF IP, L.P., US  
[22] 1999-12-23  
[43] 2001-03-20  
[30] US (09/399,332) 1999-09-20

[21] 2,298,743  
[13] A1

[51] **Int.Cl. 7F16B 37/14**  
[25] EN  
[54] **CAPPED WHEEL NUT ASSEMBLY**  
[54] **ECROU DE VOLANT COURONNE**  
[72] SOMERS, STEVEN D., US  
[72] MARGRAF, CLIFFORD A., US  
[71] HORIZON TECHNOLOGY, LLP, US  
[22] 2000-02-10  
[43] 2001-03-21  
[30] US (09/399,851) 1999-09-21

**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,298,909**  
[13] A1

[51] **Int.Cl. 7E01F 9/011 7G09F 9/00 7E04H 12/00**  
[25] EN  
[54] **BUS STOP POLE WITH LIGHT-EMITTING DIODE PANELS, TOUCH SCREEN LIQUID-CRYSTAL DISPLAY PANEL AND VOICE MESSAGE DEVICE**  
[54] **POTEAU D'ARRET D'AUTOBUS AVEC PANNEAUX A DIODES ELECTROLUMINESCENTES, PANNEAU D'AFFICHAGE A CRISTAUX LIQUIDES ET A ECRAN TACTILE, ET DISPOSITIF DE MESSAGERIE VOCALE**  
[72] NG, WINNIE, HK  
[71] KMB CREATIONS LIMITED, HK  
[22] 2000-02-17  
[43] 2001-03-20  
[30] HK (99 104072.5) 1999-09-20

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[21] **2,299,192**  
[13] A1

[51] **Int.Cl. 7B22D 45/00 7B22D 41/00 7C22B 9/20 7C21C 5/56**  
[25] EN  
[54] **WIRE FEED UNIT**  
[54] **ALIMENTATEUR EN FIL**  
[72] FOX, PETER, GB  
[71] RHS PANELTECH LIMITED, GB  
[22] 2000-02-21  
[43] 2001-03-24  
[30] GB (9922543.5) 1999-09-24

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[21] **2,300,345**  
[13] A1

[51] **Int.Cl. 7H01L 27/00 7H01L 23/52**  
[25] EN  
[54] **SEMICONDUCTOR DEVICE CAPABLE OF REDUCING NOISE**  
[54] **DISPOSITIF A SEMI-CONDUCTEUR CAPABLE DE REDUIRE LE BRUIT**  
[72] AZEKAWA, YOSHIFUMI, JP  
[72] CHIBA, OSAMU, JP  
[72] MORIWAKI, SHOHEI, JP  
[72] SHIMAKAWA, KAZUHIRO, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[71] MITSUBISHI ELECTRIC SYSTEM LSI DESIGN CORPORATION, JP  
[22] 2000-03-09  
[43] 2001-03-21  
[30] JP (11-267089) 1999-09-21

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[21] **2,300,472**  
[13] A1

[51] **Int.Cl. 7G09F 15/00**  
[25] EN  
[54] **NON-TIPPABLE POP-UP CAUTION SIGN**  
[54] **PANNEAU AVERTISSEUR STABLE RESSORT**  
[72] GLENDENNING, RONALD STUART, GB  
[72] YOUNG, RONALD SCOT, GB  
[71] SCOT YOUNG RESEARCH, GB  
[22] 2000-03-08  
[43] 2001-03-21  
[30] GB (9922189.7) 1999-09-21

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[21] **2,300,567**  
[13] A1

[51] **Int.Cl. 7B41F 33/16 7B41F 19/00 7B41L 45/12 7B41M 3/14 7B41L 39/16**  
[25] EN  
[54] **METHOD AND MACHINE FOR PREPARING AND DISPENSING DOCUMENTS**  
[54] **METHODE ET MACHINE SERVANT A LA PREPARATION ET A LA DISTRIBUTION DES DOCUMENTS**  
[72] HAUSER, BRADLEY W., US  
[72] NICKERSON, JOHN M., US  
[72] BALDWIN, MICHAEL E., US  
[71] CONTINENTAL EXPRESS MONEY ORDER COMPANY, INC., US  
[22] 2000-03-08  
[43] 2001-03-22  
[30] US (09/401,857) 1999-09-22

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[21] **2,302,126**  
[13] A1

[51] **Int.Cl. 7G06F 9/06**  
[25] EN  
[54] **SYSTEM FOR PROGRAMMING FIELD PROGRAMMABLE DEVICES**  
[54] **SYSTEME DE PROGRAMMATION DE DISPOSITIFS PROGRAMMABLES PORTATIFS**  
[72] SMILEY, DAVID A., US  
[71] AG COMMUNICATION SYSTEMS CORPORATION, US  
[22] 2000-03-27  
[43] 2001-03-20  
[30] US (399,571) 1999-09-20

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[21] **2,302,127**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04M 11/06**  
[25] EN  
[54] **SYSTEM FOR MULTIPLE VOICE LINES WITH DATA OVER A SINGLE SUBSCRIBER LOOP**  
[54] **SYSTEME OFFRANT PLUSIEURS LIGNES TELEPHONIQUES AVEC DONNEES SUR UNE LIGNE D'ABONNE UNIQUE**  
[72] BROWN, RANDALL L., US  
[72] BUEGE, THOMAS J., US  
[72] PAWLOWSKI, CHRISTOPHER A., US  
[72] MCDONALD, KEITH M., US  
[72] HOFF, JAMES, US  
[72] SPENIK, JOHN W., US  
[71] AG COMMUNICATION SYSTEMS CORPORATION, US  
[22] 2000-03-27  
[43] 2001-03-20  
[30] US (398,697) 1999-09-20

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[21] **2,304,928**  
[13] A1

[51] **Int.Cl. 7B01J 23/40 7C09D 183/07 7B05D 3/10**  
[25] EN  
[54] **LOW TEMPERATURE CURABLE ORGANOPOLYSILOXANE COATINGS**  
[54] **REVETEMENTS EN ORGANOPOLYSILOXANE DURCISSANT A BASSE TEMPERATURE**  
[72] O'BRIEN, MICHAEL JOSEPH, US  
[72] LEWIS, LARRY NEIL, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-04-10  
[43] 2001-03-24  
[30] US (09/454,932) 1999-12-03  
[30] US (60/156,082) 1999-09-24

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[21] **2,305,485**  
[13] A1

[51] **Int.Cl. 7B05C 17/00 7A46B 5/00 7A46B 11/00 7B43L 21/00 7A46B 3/08 7A47L 13/10 7A47L 13/26**  
[25] EN  
[54] **SURFACE TREATING DEVICE**  
[54] **DISPOSITIF DE TRAITEMENT DE SURFACE**  
[72] MIYAGI, AKIRA, JP  
[72] KATAKURA, TAKA AKI, JP  
[72] OHARA, SOUSABURO, JP  
[71] TAIHO INDUSTRIES CO., LTD., JP  
[22] 2000-04-17  
[43] 2001-03-24  
[30] JP (11-269983) 1999-09-24

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March 18, 2001 - March 24, 2001

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[21] **2,307,420**  
[13] A1  
[51] **Int.Cl. 7A61B 1/00 7G06F 19/00 7A61B 1/303**  
[25] EN  
[54] **VAGINAL PROBE HAVING AN IMPROVED SENSOR AND METHOD OF USING SAME**  
[54] **SONDE VAGINALE MUNIE D'UN DETECTEUR AMELIORE, AINSI QUE SA METHODE D'UTILISATION**  
[72] BLYTHE, CLEVELAND, CA  
[72] MUHUMUZA, LUKE, CA  
[72] NAKAMURA, KAERYNNE, CA  
[72] COULSON, RICHARD, CA  
[72] MASCINI, MARCO, IT  
[71] BLYTHE, CLEVELAND, CA  
[22] 2000-05-03  
[43] 2001-03-23  
[30] CA (2,290,898) 1999-11-25  
[30] WO (PCT/CA99/00877) 1999-09-23

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[21] **2,307,714**  
[13] A1  
[51] **Int.Cl. 7F16L 55/00 7F17D 1/04**  
[25] EN  
[54] **REPLACEABLE FLOW-CONTROL ASSEMBLY FOR USE IN A FLUID FLOW LINE**  
[54] **REGULATEUR DE DEBIT INTERCHANGEABLE POUR CONDUITE DE LIQUIDE**  
[72] STAHL, STEVE, US  
[72] HAZEN, LARRY H., US  
[71] FISHER CONTROLS INTERNATIONAL, INC., US  
[22] 2000-05-01  
[43] 2001-03-24  
[30] US (09/404,915) 1999-09-24

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[21] **2,307,714**  
[13] A1  
[51] **Int.Cl. 7F16L 55/00 7F17D 1/04**  
[25] EN  
[54] **REPLACEABLE FLOW-CONTROL ASSEMBLY FOR USE IN A FLUID FLOW LINE**  
[54] **REGULATEUR DE DEBIT INTERCHANGEABLE POUR CONDUITE DE LIQUIDE**  
[72] STAHL, STEVE, US  
[72] HAZEN, LARRY H., US  
[71] FISHER CONTROLS INTERNATIONAL, INC., US  
[22] 2000-05-01  
[43] 2001-03-24  
[30] US (09/404,915) 1999-09-24

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[21] **2,309,372**  
[13] A1  
[51] **Int.Cl. 7A61K 39/395 7C07K 16/10 7C07K 14/15 7A61K 39/21**  
[25] EN  
[54] **USE OF ANTIBODIES AGAINST THE NEF PROTEIN FOR DECREASING THE CHEMOTAXIS WHICH IS INDUCED BY RETROVIRUS-INFECTED ASTROCYTES**  
[54] **UTILISATION DES ANTICORPS CONTRE LA PROTEINE NEPHRITIQUE DANS LA REDUCTION DU CHIMIOTACTISME INDUIT PAS LES ASTROCYTES INFECTES PAR RETROVIRUS**  
[72] LAHRTZ, FRITZ, DE  
[72] SPORER, BERND, DE  
[72] OVOD, VLADIMIR, FI  
[72] KOHLEISEN, BIRGIT, DE  
[72] ERFLE, VOLKER, DE  
[72] PFISTER, HANS-WALTER, DE  
[72] KOEDEL, UWE, DE  
[72] FONTANA, ADRIANO, CH  
[71] GSF FORSCHUNGSZENTRUM FUR UMWELT UND GESUNDHEIT GMBH, DE  
[22] 2000-06-14  
[43] 2001-03-23  
[30] US (09/404,410) 1999-09-23

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[21] **2,309,492**  
[13] A1  
[51] **Int.Cl. 7B68B 1/06**  
[25] EN  
[54] **BRIDLE BIT**  
[54] **MORS DE BRIDE**  
[72] JONSSON, MAGNUS OKAFUR, IS  
[71] JONSSON, MAGNUS OKAFUR, IS  
[22] 2000-05-26  
[43] 2001-03-23  
[30] IS (5192) 1999-09-23

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[21] **2,310,519**  
[13] A1  
[51] **Int.Cl. 7H04L 12/18 7H04L 9/00 7H04L 12/56**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DISTRIBUTING MANAGEMENT KEYS IN A MULTICAST DOMAIN**  
[54] **APPAREIL ET METHODE DE DISTRIBUTION DES CLES DE GESTION DANS UN DOMAINE A MULTIDESTINATION**  
[72] LI, YUNZHOU, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-06-02  
[43] 2001-03-21  
[30] US (09/400,132) 1999-09-21

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[21] **2,310,918**  
[13] A1  
[51] **Int.Cl. 7B32B 7/04 7B44F 11/00**  
[25] EN  
[54] **TEXTURED IMAGE LAMINATING FILM**  
[54] **PELLICULE DE CALENDRAGE D'UNE IMAGE TRAMEE**  
[72] CHOI, HAN CHIL, CA  
[71] CHOI, HAN CHIL, CA  
[22] 2000-06-05  
[43] 2001-03-23

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[21] **2,310,971**  
[13] A1  
[51] **Int.Cl. 7E05B 17/20**  
[25] EN  
[54] **DEADBOLT COVER**  
[54] **COUVERCLE A PENE DORMANT**  
[72] KENNEDY, SAMUEL, CA  
[71] KENNEDY, SAMUEL, CA  
[22] 2000-06-05  
[43] 2001-03-22  
[30] US (60/155,101) 1999-09-22

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[21] **2,311,211**  
[13] A1  
[51] **Int.Cl. 7H04N 7/26 7H04N 7/15**  
[25] EN  
[54] **FRAME SWITCHER AND METHOD OF SWITCHING, DIGITAL CAMERA, AND MONITORING SYSTEM**  
[54] **COMMUTATEUR DE RESEAU ET METHODE DE COMMUTATION, CAMERA NUMERIQUE ET SYSTEME DE SURVEILLANCE**  
[72] SHINOHARA, TOSHIKI, JP  
[72] SASAKI, YUHI, JP  
[72] TSUZUKI, KENGO, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 2000-06-09  
[43] 2001-03-22  
[30] JP (11-269132) 1999-09-22

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[21] **2,312,072**  
[13] A1  
[51] **Int.Cl. 7A23L 1/18**  
[25] EN  
[54] **OIL-FREE POPPED WILD RICE CEREAL**  
[54] **CEREALE DE GRAIN DE RIZ SAUVAGE SOUFFLE SANS HUILE**  
[72] ATWELL, ANDREW, CA  
[71] ATWELL, ANDREW, CA  
[22] 2000-06-22  
[43] 2001-03-23

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**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,313,351**  
[13] A1

[51] **Int.Cl. 7A01C 7/08**  
[25] EN  
[54] **GRAIN BOX INSERT FOR SEEDING IMPLEMENT**  
[54] **INSERT DE BOITE DE SEMENCE POUR APPAREIL D'ENSEMENCEMENT**  
[72] FOLEY, DANIEL MICHAEL, US  
[72] STANFILL, RALPH EVERETTE, US  
[71] DEERE & COMPANY, US  
[22] 2000-07-04  
[43] 2001-03-23  
[30] US (09/401,882) 1999-09-23

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[21] **2,313,735**  
[13] A1

[51] **Int.Cl. 7E04B 1/38**  
[25] EN  
[54] **SHRINKAGE COMPENSATOR FOR BUILDING TIEDOWNS**  
[54] **COMPENSATEUR DE RETRAIT POUR ATTACHES DE FIXATION UTILISEES EN CONSTRUCTION**  
[72] COMMINS, ALFRED, US  
[71] COMMINS, ALFRED, US  
[22] 2000-07-07  
[43] 2001-03-24  
[30] US (60/156,042) 1999-09-24  
[30] US (09/558,307) 2000-04-25

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[21] **2,313,929**  
[13] A1

[51] **Int.Cl. 7F01D 5/02 7F01D 5/30**  
[25] EN  
[54] **REDUCED-STRESS COMPRESSOR BLISK FLOWPATH**  
[54] **CIRCUIT D'ÉCOULEMENT D'UNE GRILLE MONOBLOC DE COMPRESSEUR A CONTRAINTES REDUITES**  
[72] SUFFOLETTA, DANIEL GERARD, US  
[72] ZYLKA, RICHARD PATRICK, US  
[72] BALLMAN, STEVEN MARK, US  
[72] MIELKE, MARK JOSEPH, US  
[72] BULMAN, DAVID EDWARD, US  
[72] RHODA, JAMES EDWIN, US  
[72] BURNS, CRAIG PATRICK, US  
[72] EGAN, LAWRENCE J., US  
[72] SMITH, PAUL MICHAEL, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-07-14  
[43] 2001-03-23  
[30] US (09/405,308) 1999-09-23

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[21] **2,314,017**  
[13] A1

[51] **Int.Cl. 7C08J 3/24 7C08L 7/00 7C08L 9/00**  
[25] EN  
[54] **PARTIALLY VULCANIZED SHAPED RUBBER COMPOSITION AND PREPARATION OF ARTICLE, INCLUDING TIRES, HAVING A COMPONENT THEREOF**  
[54] **COMPOSITION DE CAOUTCHOUC FORME ET PARTIELLEMENT VULCANISE, AINSI QUE LA PREPARATION DES ARTICLES, Y COMPRIS LES PNEUS, QUI UTILISENT CETTE COMPOSITION**  
[72] GERARD, DENIS JEAN RENE, BE  
[72] LICKES, JEAN-PAUL, LU  
[72] HENOUMONT, MARC JULES ALEXIS, BE  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-07-18  
[43] 2001-03-22  
[30] US (09/400,591) 1999-09-22

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[21] **2,314,018**  
[13] A1

[51] **Int.Cl. 7C08L 23/22 7C08L 3/12 7C08L 23/28**  
[25] EN  
[54] **TIRE WITH INNERLINER FOR PREVENTION OF AIR PERMEATION**  
[54] **PNEU A CALANDRAGE INTERIEUR POUR EVITER LA PERMEATION DE L'AIR**  
[72] BEERS, ROGER NEIL, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-07-18  
[43] 2001-03-22  
[30] US (09/401,438) 1999-09-22

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[21] **2,314,192**  
[13] A1

[51] **Int.Cl. 7E21B 43/25**  
[25] EN  
[54] **DOWNHOLE SHOCK ABSORBER**  
[54] **AMORTISSEUR DE FOND**  
[72] CARLSON, DAVID O., CA  
[72] BUZINSKY, ANDREW A., CA  
[72] LAGRANGE, TIMOTHY E., CA  
[71] TESCO GRIS GUN LTD., CA  
[71] COMUTALOG LTD., CA  
[22] 2000-07-21  
[43] 2001-03-20  
[30] US (09/399,093) 1999-09-20

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[21] **2,314,209**  
[13] A1

[51] **Int.Cl. 7B61H 15/00**  
[25] EN  
[54] **COLLET STYLE TREAD BRAKE UNIT**  
[54] **FREIN A SABOT UTILISANT UNE PINCE**  
[72] MOORE, ROLAND S., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-07-21  
[43] 2001-03-23  
[30] US (401,885) 1999-09-23

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[21] **2,314,248**  
[13] A1

[51] **Int.Cl. 7G11C 7/10**  
[25] EN  
[54] **DATA BUS MEMORY CIRCUIT**  
[54] **CIRCUIT DE MEMOIRE DU BUS DE DONNEES**  
[72] CALAMATAS, PHILIP J., CA  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-07-19  
[43] 2001-03-23  
[30] US (401,765) 1999-09-23

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[21] **2,314,254**  
[13] A1

[51] **Int.Cl. 7G01M 11/00**  
[25] EN  
[54] **ENCODER TEST APPARATUS AND METHOD**  
[54] **METHODE ET APPAREIL DE VERIFICATION DE L'ENCODEUR**  
[72] CALAMATAS, PHILIP J., CA  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-07-19  
[43] 2001-03-23  
[30] US (401,767) 1999-09-23

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Canadian Laid-Open Applications  
March 18, 2001 - March 24, 2001

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[21] **2,314,554**  
[13] A1  
[51] **Int.Cl. 7A01C 7/08 7A01C 7/20**  
[25] EN  
[54] **POWER RATE ADJUSTMENT MECHANISM FOR A SEEDING IMPLEMENT**  
[54] **MECANISME POUR REGLER LA PUISSANCE D'UN SEMOIR**  
[72] STANFILL, RALPH EVERETTE, US  
[72] FOLEY, DANIEL MICHAEL, US  
[71] DEERE & COMPANY, US  
[22] 2000-07-20  
[43] 2001-03-20  
[30] US (09/399,568) 1999-09-20

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[21] **2,314,625**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02 7H04L 29/06**  
[25] EN  
[54] **TELECOMMUNICATIONS SWITCHES AND METHODS FOR THEIR OPERATION**  
[54] **COMMUTATEURS DE TELECOMMUNICATION ET METHODES D'UTILISATION**  
[72] LYON, NORMAN A., CA  
[72] NICHOLS, STACY S., CA  
[72] CHEESMAN, JULIAN J., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-07-27  
[43] 2001-03-23  
[30] US (09/401,955) 1999-09-23

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[21] **2,314,729**  
[13] A1  
[51] **Int.Cl. 7B60C 1/00 7B29D 30/06**  
[25] EN  
[54] **TIRE WITH LAYER FOR RETARDATION OF AIR PERMEATION**  
[54] **PNEU DOTE D'UNE GOMME INTERIEURE AFIN DE RETARDER LA PERMEATION DE L'AIR**  
[72] ROESGEN, ALAIN EMILE FRANCOIS, LU  
[72] THISE-FOURGON, MARIE-RITA CATHERINE AMELIE, LU  
[72] CORVASCE, FILOMENO GENNARO, LU  
[71] THE GOODYEAR TIRE AND RUBBER COMPANY, US  
[22] 2000-07-31  
[43] 2001-03-22  
[30] US (09/400,797) 1999-09-22

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[21] **2,314,864**  
[13] A1  
[51] **Int.Cl. 7B60Q 1/068**  
[25] EN  
[54] **HEADLAMP ADJUSTOR AND METHOD**  
[54] **METHODE ET DISPOSITIF DE REGLAGE DES PHARES AVANT**  
[72] DENLEY, RONALD S., US  
[71] ELCO TEXTRON INC., US  
[22] 2000-08-02  
[43] 2001-03-21  
[30] US (60/155,050) 1999-09-21

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[21] **2,315,131**  
[13] A1  
[51] **Int.Cl. 7B23K 9/095**  
[25] EN  
[54] **CV BACKGROUND FOR WELDING**  
[54] **GROUPE D'ALIMENTATION POUR LE SOUDAGE**  
[72] HUTCHISON, RICHARD M., US  
[72] ALBRECHT, BRUCE P., US  
[72] NOWAK, ALBERT, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-08-04  
[43] 2001-03-23  
[30] US (09/404,235) 1999-09-23

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[21] **2,315,305**  
[13] A1  
[51] **Int.Cl. 7F01D 25/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CENTERING A GENERATOR STATOR AND ROTOR**  
[54] **METHODE ET APPAREIL PERMETTANT LE CENTRAGE DU ROTOR ET DU STATOR D'UNE GENERATRICE**  
[72] BANKSTAHL, HERB, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-07-19  
[43] 2001-03-23  
[30] US (09/404,233) 1999-09-23

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[21] **2,315,310**  
[13] A1  
[51] **Int.Cl. 7B23K 37/00 7H02J 11/00 7H02J 13/00 7B23K 31/02**  
[25] EN  
[54] **WELDER WITH ENGINE POWER AND UTILITY POWER INPUT**  
[54] **SOUDEUSE ALIMENTEE PAR GROUPE ELECTROGENE OU PAR BRANCHEMENT AU SECTEUR DES SERVICES PUBLICS**  
[72] FOSBINDER, DANIEL, US  
[72] BEESON, RICHARD, US  
[72] SULLIVAN, WILLIAM, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-08-03  
[43] 2001-03-23  
[30] US (09/404,234) 1999-09-23

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[21] **2,315,469**  
[13] A1  
[51] **Int.Cl. 7A61M 37/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE TRANSDERMAL ADMINISTRATION OF A SUBSTANCE**  
[54] **METHODE ET APPAREIL SERVANT A L'ADMINISTRATION TRANSCUTANEE D'UNE SUBSTANCE**  
[72] ROSENBERG, ZEIL B., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2000-08-10  
[43] 2001-03-22  
[30] US (09/401,452) 1999-09-22

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[21] **2,315,662**  
[13] A1  
[51] **Int.Cl. 7H04L 12/18 7H04L 12/56**  
[25] EN  
[54] **OUTPUT SCHEDULING AND HANDLING OF MULTICAST TRAFFIC IN DATA SWITCHING SYSTEMS**  
[54] **ORDONNANCEMENT ET GESTION DES SORTIES DE TRAFIC D'ORIGINES MULTIPLES DANS LES SYSTEMES DE COMMUTATION DES DONNEES**  
[72] GILDERSON, JAMES A., CA  
[72] KHAILTASH, AMAL, CA  
[72] LEVESQUE, MARC, CA  
[72] DALVI, ANEESH VASUDEV, CA  
[72] WIBOWO, EKO ADI, CA  
[71] SPACEBRIDGE NETWORKS CORPORATION, CA  
[22] 2000-08-11  
[43] 2001-03-23  
[30] CA (2,283,417) 1999-09-23

**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,315,931**  
[13] A1

[51] **Int.Cl. 7G12B 9/04**  
[25] EN  
[54] **HOUSING FOR PORTABLE ELECTRICAL INSTRUMENT**  
[54] **BOITIER POUR INSTRUMENT ELECTRIQUE PORTATIF**  
[72] DONAUER, HERBERT, DE  
[72] ERDMANN, WILHELM, DE  
[71] SENNHEISER ELECTRONIC GMBH & CO. KG, DE  
[22] 2000-08-14  
[43] 2001-03-18  
[30] DE (299 16 458.6) 1999-09-18

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[21] **2,316,039**  
[13] A1

[51] **Int.Cl. 7B61B 13/12 7B61B 12/02**  
[25] EN  
[54] **FRICTION DRIVE SYSTEM FLOOR CONVEYOR**  
[54] **CONVOYEUR AU SOL A ENTRAINEMENT A FRICTION**  
[72] YOSHIDA, YUTAKA, JP  
[71] TSUBAKIMOTO CHAIN CO., JP  
[22] 2000-08-16  
[43] 2001-03-21  
[30] JP (267690/1999) 1999-09-21

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[21] **2,316,120**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **ELECTRONIC REDEEMING OF COUPONS AND PRODUCT DISCOUNTS UTILIZING A NETWORKED PRODUCTS DATABASE**  
[54] **REMBOURSEMENT ELECTRONIQUE DE COUPONS ET DE RABAIS SUR LES PRODUITS AU MOYEN DE BASES DE DONNEES SUR LES PRODUITS EN RESEAU**  
[72] BERSTIS, VIKTORS, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-08-17  
[43] 2001-03-23  
[30] US (09/404,405) 1999-09-23

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[21] **2,316,123**  
[13] A1

[51] **Int.Cl. 7G01S 17/74 7G06F 17/60**  
[25] EN  
[54] **METHOD FOR CONVEYING A LOCATION OF A PRODUCT WITHIN A DEFINED (RETAIL) ENVIRONMENT**  
[54] **METHODE PERMETTANT D'INDIQUER L'EMPLACEMENT D'UN PRODUIT DANS UN PERIMETRE DONNE DE VENTE AU DETAIL**  
[72] BERSTIS, VIKTORS, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-08-17  
[43] 2001-03-23  
[30] US (09/404,407) 1999-09-23

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[21] **2,316,132**  
[13] A1

[51] **Int.Cl. 7F16D 65/00**  
[25] EN  
[54] **ANTI-DUST AND COOLING COVER FOR BRAKE ASSEMBLY**  
[54] **BOITIER DE REFROIDISSEMENT ET ANTIPOUSSIERE SERVANT AUX FREINS**  
[72] BARGER, ROBERT E., US  
[71] BARGER, ROBERT E., US  
[22] 2000-08-15  
[43] 2001-03-22  
[30] US (09/404,242) 1999-09-22

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[21] **2,316,142**  
[13] A1

[51] **Int.Cl. 7F16L 15/00**  
[25] EN  
[54] **THREADED UNION WITH HIGH RESISTANCE TO OVERTORQUE AND COMPRESSION**  
[54] **RACCORD FILETE A RESISTANCE ELEVEE A LA TORSION EXCESSIVE ET A LA COMPRESSION**  
[72] CARCAGNO, GABRIEL, AR  
[71] SIDERCA S.A.I.C., AR  
[22] 2000-08-16  
[43] 2001-03-21  
[30] AR (P99 01 04738) 1999-09-21

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[21] **2,316,278**  
[13] A1

[51] **Int.Cl. 7A63F 1/00**  
[25] EN  
[54] **BLACKJACK-TYPE WAGERING GAME**  
[54] **JEU DE CARTES, DE PARI, SEMBLABLE AU VINGT-ET-UN**  
[72] KOERNER, ROBERT F., US  
[72] MCBRIDE, SCOTT, US  
[72] HEBERT, RUSSELL, US  
[72] BOYLAN, EUGENE B., US  
[71] BET TECHNOLOGY, INC., US  
[22] 2000-08-18  
[43] 2001-03-22  
[30] US (09/400,971) 1999-09-22

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[21] **2,316,489**  
[13] A1

[51] **Int.Cl. 7H04J 14/02**  
[25] EN  
[54] **DEVICE FOR EXTRACTING AND INSERTING OPTICAL CARRIERS IN OPTICAL COMMUNICATIONS NETWORKS**  
[54] **DISPOSITIF PERMETTANT L'EXTRACTION ET L'INSERTION DE PORTEUSES OPTIQUES DANS LES RESEAUX DE COMMUNICATIONS OPTIQUES**  
[72] GASTALDI, LUIGI, IT  
[72] BENDELLI, GIAMPAOLO, IT  
[71] AGILENT TECHNOLOGIES, INC., US  
[22] 2000-08-22  
[43] 2001-03-23  
[30] IT (TO99A000816) 1999-09-23

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[21] **2,316,534**  
[13] A1

[51] **Int.Cl. 7A61M 31/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR ABRADING SKIN**  
[54] **METHODE ET DISPOSITIF POUR ABRASER LA PEAU**  
[72] BOCK, CARL RANDOLPH, US  
[72] SAGE, BURTON H., JR., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2000-08-22  
[43] 2001-03-24  
[30] US (09/405,488) 1999-09-24

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[21] **2,316,547**  
[13] A1  
[51] **Int.Cl. 7H01R 13/639 7H01R 33/05**  
[25] EN  
[54] **CONNECTOR ASSEMBLY**  
[54] **ENSEMBLE DE CONNECTEURS**  
[72] HUMPHREY, DAVID T., US  
[72] CASTLE, ANTHONY E., US  
[71] OSRAM SYLVANIA INC., US  
[22] 2000-08-21  
[43] 2001-03-20  
[30] US (09/399,413) 1999-09-20

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[21] **2,316,609**  
[13] A1  
[51] **Int.Cl. 7F16B 37/04**  
[25] EN  
[54] **PUSHNUT**  
[54] **ECROU CAPUCHON**  
[72] BALDOWSKI, JOHN E., US  
[72] POSTADAN, REYNALDO, US  
[72] BALLANTYNE, DAVID B., US  
[71] TRANSTECHNOLOGY CORP., US  
[22] 2000-08-24  
[43] 2001-03-21  
[30] US (09/400,225) 1999-09-21

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[21] **2,316,679**  
[13] A1  
[51] **Int.Cl. 7B67D 5/56**  
[25] FR  
[54] **DISPOSITIF POUR LE**  
**CONDITIONNEMENT SEPARÉ DE**  
**DEUX COMPOSANTS, LEUR**  
**MELANGE ET LA DISTRIBUTION DU**  
**MELANGE AINSI OBTENU**  
[54] **A DEVICE FOR THE SEPARATE**  
**CONDITIONING OF TWO**  
**COMPONENTS, THE RESULTING**  
**MIXTURE AND THE DISTRIBUTION**  
**OF SAID MIXTURE**  
[72] JOULIA, GERARD, FR  
[71] L'OREAL, FR  
[22] 2000-08-17  
[43] 2001-03-22  
[30] FR (99 11 832) 1999-09-22

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[21] **2,316,681**  
[13] A1  
[51] **Int.Cl. 7C03B 9/38**  
[25] EN  
[54] **LIQUID COOLING OF**  
**GLASSWARE MOLDS**  
[54] **REFROIDISSEMENT A EAU DE**  
**MOULES DE VERRERIE**  
[72] HAMBLEY, DAVID L., US  
[72] LEWIS, DAVID L., US  
[71] OWENS-BROCKWAY GLASS  
CONTAINER INC., US  
[22] 2000-08-23  
[43] 2001-03-20  
[30] US (09/400,123) 1999-09-20

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[21] **2,316,738**  
[13] A1  
[51] **Int.Cl. 7H04N 7/15 7H04L 12/18**  
[25] EN  
[54] **CENTRAL PROCESSING HUB FOR**  
**MULTIMEDIA CONFERENCING**  
**SYSTEM**  
[54] **STATION PIVOT DE**  
**TRAITEMENT CENTRAL POUR UN**  
**SYSTEME DE TELECONFERENCE**  
**MULTIMEDIA**  
[72] JANG, RAYMOND EDWARD, CA  
[72] WILSON, SUSAN ELIZABETH, CA  
[72] RUSSELL, PAUL ROBERT, CA  
[72] GEOFROY, PAUL JOSEPH, CA  
[71] STARVISION MULTIMEDIA  
CORPORATION, CA  
[22] 2000-08-28  
[43] 2001-03-24  
[30] US (09/404,310) 1999-09-24

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[21] **2,317,071**  
[13] A1  
[51] **Int.Cl. 7A47K 10/22**  
[25] EN  
[54] **COUNTER-TOP PAPER TOWEL**  
**HOLDER**  
[54] **DEVERSOIR A PAPIER**  
**HYGIENIQUE POSABLE**  
[72] HEIBERG, JAKOB, DK  
[72] LILLELUND, STIG, DK  
[71] DART INDUSTRIES INC., US  
[22] 2000-08-30  
[43] 2001-03-22  
[30] US (09/401,481) 1999-09-22

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[21] **2,317,103**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**CONTROLLING BANDWIDTH**  
**SHARING IN A DATA TRANSPORT**  
**NETWORK**  
[54] **METHODE ET DISPOSITIF DE**  
**GESTION DU PARTAGE DE LA**  
**LARGEUR DE BANDE DANS UN**  
**RESEAU DE TRANSPORT DE**  
**DONNEES**  
[72] CHAPMAN, ALAN S., CA  
[72] KUNG, HSIANG T., US  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 2000-08-29  
[43] 2001-03-21  
[30] US (09/400,288) 1999-09-21

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[21] **2,317,157**  
[13] A1  
[51] **Int.Cl. 7F04B 27/02**  
[25] EN  
[54] **REVERSIBLE, VARIABLE**  
**DISPLACEMENT COMPRESSOR**  
[54] **COMPRESSEUR REVERSIBLE A**  
**CYLINDREE VARIABLE**  
[72] WESTCOTT, TIMOTHY, US  
[72] ROBBINS, ELIZABETH A., US  
[72] HOWELL, RAYMOND D., US  
[71] TECUMSEH PRODUCTS COMPANY,  
US  
[22] 2000-08-29  
[43] 2001-03-24  
[30] US (09/406,068) 1999-09-24

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[21] **2,317,170**  
[13] A1  
[51] **Int.Cl. 7B29C 70/20**  
[25] EN  
[54] **COMPOUND MATERIAL**  
**COMPRISING FIBERS WHICH ARE**  
**EMBEDDED IN A THERMOPLASTIC**  
[54] **MATERIEL COMPOSITE**  
**COMPORTANT DES FIBRES NOYEEES**  
**DANS UN THERMOPLASTIQUE**  
[72] VODERMAYER, ALBERT MARIA,  
CH  
[71] SIKA AG, CH  
[71] SULZER INNOTEC AG, CH  
[22] 2000-08-31  
[43] 2001-03-23  
[30] EP (99 810 854.2) 1999-09-23

**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

[21] **2,317,204**  
[13] A1

[51] **Int.Cl. 7B62D 63/06**  
[25] EN  
[54] **CAM ACTION DETACHABLE GOOSENECK TRAILER**  
[54] **REMORQUE SEMI-SURBAISSEE DETACHABLE A SERRAGE PAR CAMES**  
[72] LANDOLL, DONALD R., US  
[72] SWART, KYLE, US  
[72] WASSENBERG, LOREN, US  
[72] VACHA, KEITH, US  
[72] ROESNER, PAUL, US  
[71] LANDOLL CORPORATION, US  
[22] 2000-08-31  
[43] 2001-03-20  
[30] US (09/399,480) 1999-09-20

[21] **2,317,311**  
[13] A1

[51] **Int.Cl. 7A61K 7/20 7A61K 7/16**  
[25] EN  
[54] **STABLE PEROXIDE DENTAL COMPOSITIONS**  
[54] **COMPOSITIONS DENTAIRE AU PEROXIDE STABLE**  
[72] RYLES, CHRISTINE WATSON, US  
[72] WILLIAMS, DAVID ROBERT, US  
[71] UNILEVER PLC, GB  
[22] 2000-09-05  
[43] 2001-03-23  
[30] US (60/155700) 1999-09-23

[21] **2,317,353**  
[13] A1

[51] **Int.Cl. 7B61B 12/02**  
[25] EN  
[54] **TRANSPORT SYSTEM FOR COMPONENTS DURING PROCESS SEQUENCES AS WELL AS HOOK PROFILE, LOAD-RECEIVING DEVICE, HOIST HOOK AND IDENTIFICATION HOOK FOR SUCH A TRANSPORT SYSTEM**  
[54] **SYSTEME DE TRANSPORT D'ELEMENTS PENDANT LES SEQUENCES DU PROCESSUS AINSI QUE LE PROFIL DES CROCHETS, DISPOSITIF DESTINE A RECEVOIR LA CHARGE, CROCHET DE LEVAGE ET CROCHET D'IDENTIFICATION DUDIT SYSTEME**  
[72] DEWALD, LUDWIG, DE  
[71] CTI SYSTEMS S.A., LU  
[22] 2000-09-05  
[43] 2001-03-20  
[30] LU (99630069.5) 1999-09-20

[21] **2,317,388**  
[13] A1

[51] **Int.Cl. 7H01Q 15/14**  
[25] EN  
[54] **RELECTOR WITH A SHAPED SURFACE AND SPATIALLY SEPARATED FOCI FOR ILLUMINATING IDENTICAL AREAS: ANTENNA SYSTEM AND METHOD FOR SURFACE DETERMINATION**  
[54] **REFLECTEUR AVEC SURFACE PROFILEE ET FOYERS SEPARES SPATIALEMENT POUR L'ILLUMINATION D'ENDROITS IDENTIQUES : SYSTEME D'ANTENNES ET METHODE POUR EXAMINER LA SURFACE**  
[72] TRUMPER, MICHAEL, DE  
[72] RATKORN, NORBERT, DE  
[72] HUNSCHER, CHRISTIAN, DE  
[72] SEKORA, ROBERT, DE  
[71] DAIMLERCHRYSLER AG, DE  
[22] 2000-09-07  
[43] 2001-03-20  
[30] DE (199 45 062.5) 1999-09-20

[21] **2,317,391**  
[13] A1

[51] **Int.Cl. 7C07C 271/28 7C07F 7/10 7C07C 271/12 7C07C 323/12 7C08G 77/20 7C08G 77/26 7C07D 333/32 7C07C 323/43 7C08F 2/46 7C07D 307/58 7C07F 9/68 7C07F 9/92**  
[25] EN  
[54] **PHOTOINITIATORS CONTAINING URETHANE GROUPS FOR CATIONIC CURING**  
[54] **PHOTO-INITIATEURS CONTENANT DES GROUPE D'URETHANES POUR LE DURCISSEMENT CATIONIQUE**  
[72] OESTREICH, SASCHA, DE  
[72] WEIER, ANDREAS, DE  
[72] VOLKMER, STEFANIE, DE  
[71] GOLDSCHMIDT AG, DE  
[22] 2000-09-07  
[43] 2001-03-21  
[30] DE (199 45 251.2) 1999-09-21

[21] **2,317,625**  
[13] A1

[51] **Int.Cl. 7F01L 1/25 7F01L 13/06**  
[25] EN  
[54] **TWO-CYCLE COMPRESSION BRAKING ON A FOUR STROKE ENGINE USING HYDRAULIC LASH ADJUSTMENT**  
[54] **FREINAGE A COMPRESSION SUR DEUX CYCLES POUR MOTEUR A QUATRE TEMPS UTILISANT UN REGLAGE A LIAISON HYDRAULIQUE**  
[72] ZSOLDOS, JEFFREY S., US  
[72] SCHMIDT, JOSEPH H., US  
[72] BARTEL, JOHN B., US  
[71] MACK TRUCKS, INC., US  
[22] 2000-09-06  
[43] 2001-03-22  
[30] US (09/401,844) 1999-09-22

[21] **2,317,768**  
[13] A1

[51] **Int.Cl. 7A61D 5/00**  
[25] EN  
[54] **EQUINE DENTAL GRINDING APPARATUS**  
[54] **APPAREIL DE MEULAGE DENTAIRE EQUIN**  
[72] HERRON, W. BRUCE G., CA  
[72] RACH, DENNIS J., CA  
[71] HERRON, W. BRUCE G., CA  
[71] RACH, DENNIS J., CA  
[22] 2000-09-06  
[43] 2001-03-23  
[30] US (09/401,333) 1999-09-23

[21] **2,317,829**  
[13] A1

[51] **Int.Cl. 7B61H 11/00**  
[25] EN  
[54] **METHOD OF AND AN APPARATUS FOR ENHANCING THE BRAKING EFFICIENCY OF A RAILWAY FREIGHT TRAIN CONSIST**  
[54] **METHODE ET APPAREIL POUR AMELIORER L'EFFICACITE DES FREINS DU GROUPE DE TRACTION D'UN TRAIN DE MARCHANDISES**  
[72] RING, MICHAEL E., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-09-08  
[43] 2001-03-20  
[30] US (399,412) 1999-09-20

Canadian Laid-Open Applications  
March 18, 2001 - March 24, 2001

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[21] **2,317,975**  
[13] A1  
[51] **Int.Cl. 7B21D 7/00**  
[25] EN  
[54] **AUTOMATED PIPE BENDING MACHINE**  
[54] **CEINTREUSE DE TUYAUX AUTOMATISEE**  
[72] LEWIS, DONALD E., JR., US  
[71] CRC-EVANS PIPELINE INTERNATIONAL, INC., US  
[22] 2000-09-12  
[43] 2001-03-21  
[30] US (09/400,560) 1999-09-21

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[21] **2,317,977**  
[13] A1  
[51] **Int.Cl. 7B01J 2/28 7C11D 17/02 7A01N 25/26 7A61K 9/32 7A01N 25/34**  
[25] EN  
[54] **PELLETS**  
[54] **GRANULES**  
[72] SCHWARTZ, CURTIS, US  
[72] BAXTER, STEVEN MICHAEL, US  
[71] ROHM AND HAAS COMPANY, US  
[22] 2000-09-11  
[43] 2001-03-24  
[30] US (60/156,080) 1999-09-24

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[21] **2,317,985**  
[13] A1  
[51] **Int.Cl. 7F24D 3/16 7E04B 5/48**  
[25] EN  
[54] **A SPACER PLATE FOR A HOLLOW FLOOR AND A HOLLOW FLOOR MADE THEREWITH**  
[54] **PLAQUE D'ESPACEMENT POUR PLANCHER CREU, AINSI QUE LE PLANCHER CREU PRODUIT**  
[72] SIEGMUND, HELMUT, DE  
[71] SIEGMUND, HELMUT, DE  
[22] 2000-09-11  
[43] 2001-03-21  
[30] DE (299 16 642.2) 1999-09-21

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[21] **2,317,998**  
[13] A1  
[51] **Int.Cl. 7B29C 51/14 7B65D 75/36**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING SHAPED PACKAGING**  
[54] **PROCEDE DE FABRICATION DES EMBALLAGES FORMES**  
[72] ZEITER, PATRIK, CH  
[71] ALUSUISSE TECHNOLOGY & MANAGEMENT LTD., CH  
[22] 2000-09-11  
[43] 2001-03-21  
[30] EP (99810843.5) 1999-09-21

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[21] **2,318,519**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12Q 1/02 7C12N 5/10 7C07K 16/18 7C07K 14/47 7C12N 15/63 7C12N 15/66 7C12Q 1/68**  
[25] EN  
[54] **GENES AND POLYPEPTIDES ASSOCIATED WITH ULTRAVIOLET RADIATION-MEDIATED SKIN DAMAGE AND USES THEREOF**  
[54] **GENES ET POLYPEPTIDES ASSOCIES AU DOMMAGE EPIDERMIQUE CAUSE PAR LE RAYONNEMENT ULTRAVIOLET ET UTILISATIONS CONNEXES**  
[72] BLUMENBERG, MIROSLAV, US  
[72] GAZEL, ALIX M., FR  
[71] NEW YORK UNIVERSITY, US  
[22] 2000-09-18  
[43] 2001-03-20  
[30] US (60/155,029) 1999-09-20

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[21] **2,318,595**  
[13] A1  
[51] **Int.Cl. 7H04L 12/54**  
[25] EN  
[54] **ELECTRONIC MAIL ATTACHMENT VERIFICATION**  
[54] **ACCESSOIRE DE VERIFICATION DU COURRIER ELECTRONIQUE**  
[72] BLOTT, STEPHEN MICHAEL, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-12  
[43] 2001-03-23  
[30] US (09/404,411) 1999-09-23

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[21] **2,318,607**  
[13] A1  
[51] **Int.Cl. 7G06F 9/44 7G06F 9/45**  
[25] EN  
[54] **METHOD FOR TARGET-SPECIFIC DEVELOPMENT OF FIXED-POINT ALGORITHMS EMPLOYING C++ CLASS DEFINITIONS**  
[54] **METHODE DE DEVELOPPEMENT CIBLE D'ALGORITHMES A POINTS FIXES UTILISANT LES DEFINITIONS DE CLASSE C++**  
[72] LEE, CHENG-CHIEH, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-12  
[43] 2001-03-22  
[30] US (09/401,136) 1999-09-22

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[21] **2,318,614**  
[13] A1  
[51] **Int.Cl. 7H04B 10/20 7G02B 27/10 7H04L 12/42**  
[25] EN  
[54] **POWER SPLITTER FOR OPTICAL NETWORKS**  
[54] **DIVISEUR D'ALIMENTATION DES RESEAUX OPTIQUES**  
[72] KOONEN, ANTONIUS MARCELLUS JOZEF, NL  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-12  
[43] 2001-03-22  
[30] EP (99307501.9) 1999-09-22

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[21] **2,318,633**  
[13] A1  
[51] **Int.Cl. 7C08L 27/06 7C08L 97/02 7C08J 9/04**  
[25] EN  
[54] **CHLORINATED VINYL RESIN/CELLULOSIC BLENDS: COMPOSITIONS, PROCESSES, COMPOSITES, AND ARTICLES THEREFROM**  
[54] **MELANGES CELLULOSIQUES ET DE RESINE VINYLIQUE CHLOREE : COMPOSITIONS, PROCEDES, COMPOSITES ET ARTICLES AINSI PRODUITS**  
[72] PATTERSON, JOHN ROBERT, US  
[72] READING, SCOTT WARREN, US  
[72] DOUGHERTY, EUGENE PATRICK, US  
[71] ROHM AND HAAS COMPANY, US  
[22] 2000-09-11  
[43] 2001-03-23  
[30] US (60/155,718) 1999-09-23

**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,318,650**  
[13] A1

[51] **Int.Cl. 7C08F 110/02 7C08F 2/46**  
[25] EN  
[54] **METHOD FOR CROSSLINKING UHMWPE IN AN ORTHOPAEDIC IMPLANT**  
[54] **METHODE POUR RETICULER DU POLYETHYLENE DE MASSE MOLECULAIRE TRES ELEVEE DANS UN IMPLANT ORTHOPEDIQUE**  
[72] TAYLOR, GREGORY K., US  
[72] PLETCHER, DIRK L., US  
[72] KREBS, STEVEN L., US  
[72] MEADOWS, GREGORY S., US  
[72] GSELL, RAY, US  
[72] SWARTS, DALE F., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 2000-09-11  
[43] 2001-03-24  
[30] US (09/407,220) 1999-09-24

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[21] **2,318,671**  
[13] A1

[51] **Int.Cl. 7F24C 7/02 7H04B 15/02**  
[25] EN  
[54] **ADAPTIVE MICROWAVE OVEN**  
[54] **FOUR A MICRO-ONDES A L'EPREUVE DES INTERFERENCES**  
[72] UBOWSKI, RICHARD M., US  
[72] VESCHI, JOHN P., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-11  
[43] 2001-03-20  
[30] US (09/399,147) 1999-09-20

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[21] **2,318,673**  
[13] A1

[51] **Int.Cl. 7H01R 13/646**  
[25] EN  
[54] **COMMUNICATION CONNECTOR ASSEMBLY WITH CROSSTALK COMPENSATION**  
[54] **CONNECTEUR DE COMMUNICATION AVEC COMPENSATION DE L'EMPREINTE MAGNETIQUE**  
[72] GOODRICH, ROBERT RAY, US  
[72] HASHIM, AMID IHSAN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-11  
[43] 2001-03-21  
[30] US (09/400,637) 1999-09-21

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[21] **2,318,682**  
[13] A1

[51] **Int.Cl. 7A47B 3/00 7A47B 3/06**  
[25] EN  
[54] **TABLE UNIT**  
[54] **UNITE DE TABLE**  
[72] REINECKE, HARRY, DE  
[71] DAUPHIN ENTWICKLUNGS- U. BETEILIGUNGS-GMBH, DE  
[22] 2000-09-12  
[43] 2001-03-18  
[30] DE (299 16 465.9) 1999-09-18

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[21] **2,318,705**  
[13] A1

[51] **Int.Cl. 7H01M 2/14 7H01M 8/04**  
[25] EN  
[54] **FUEL CELL SEPARATOR AND PRODUCTION METHOD THEREOF**  
[54] **SEPARATEUR DE CELLULES ET METHODE DE PRODUCTION**  
[72] SAITO, KAZUO, JP  
[72] HAGIWARA, ATSUSHI, JP  
[71] NISSHINBO INDUSTRIES INC., JP  
[22] 2000-09-13  
[43] 2001-03-22  
[30] JP (267961/1999) 1999-09-22

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[21] **2,318,707**  
[13] A1

[51] **Int.Cl. 7H03H 11/04 7H03H 11/12**  
[25] EN  
[54] **ADAPTIVELY PEAKED SUPER-REGENERATIVE FILTER**  
[54] **FILTRE A SUPERREACTION A CRETE ADAPTATIVE**  
[72] FLANAGAN, ROBERT C., US  
[72] BAHU, MARK B., US  
[71] AMERICAN NUCLEONICS CORPORATION, US  
[22] 2000-09-13  
[43] 2001-03-24  
[30] US (60/156,090) 1999-09-24  
[30] US (UNKNOWN) 2000-08-02

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[21] **2,318,718**  
[13] A1

[51] **Int.Cl. 7A61F 13/49**  
[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] ISHIKAWA, NORIHIKO, JP  
[72] YABE, YOKO, JP  
[72] ONISHI, KAZUAKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-09-13  
[43] 2001-03-21  
[30] JP (11-267692) 1999-09-21

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[21] **2,318,720**  
[13] A1

[51] **Int.Cl. 7C08F 293/00 7C08F 120/10**  
[25] EN  
[54] **PROCESS FOR POLYMERIZING A METHACRYLIC ESTER OR AN ACRYLIC ESTER**  
[54] **PROCEDE DE POLYMERISATION D'UN ESTER METHACRYLIQUE OU D'UN ESTER ACRYLIQUE**  
[72] AKAI, MAKOTO, JP  
[72] YAGINUMA, SACHIE, JP  
[72] HAMADA, KENICHI, JP  
[72] ONO, TOMOHIRO, JP  
[72] TAKAHASHI, TORU, JP  
[72] ISHIURA, KAZUSHIGE, JP  
[72] SHACHI, KENJI, JP  
[71] KURARAY CO., LTD., JP  
[22] 2000-09-13  
[43] 2001-03-20  
[30] JP (264869/1999) 1999-09-20

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[21] **2,318,730**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12Q 1/00 7C12P 19/34 7C12Q 1/68 7C12Q 1/70**  
[25] EN  
[54] **A METHOD FOR REVERSE TRANSCRIBING RNA ISOLATED IN DRY FORM**  
[54] **METHODE DE TRANSCRIPTION INVERSEE DE L'ARN ISOLEE SOUS FORME SECHE**  
[72] PATTERSON, DAVID R., US  
[72] PUSKAS, JOHN A., US  
[72] SONG, KEMING, US  
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US  
[22] 2000-09-18  
[43] 2001-03-20  
[30] US (09/398,888) 1999-09-20

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March 18, 2001 - March 24, 2001

[21] **2,319,279**  
[13] A1

[51] **Int.Cl. 7A63F 13/00 7G06T 17/40**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING NON-PHOTOREALISTIC CARTOON OUTLINING WITHIN A 3D VIDEOGRAPHICS SYSTEM**  
[54] **METHODE ET APPAREIL POUR PRODUIRE DES CONTOURS DE FILMS D'ANIMATION NON PHOTOREALISTES DANS UN SYSTEME VIDEOGRAPHIQUE 3D**  
[72] YASUMOTO, YOSHITAKA, US  
[71] NINTENDO CO., LTD., US  
[22] 2000-09-13  
[43] 2001-03-24  
[30] US (60/155,660) 1999-09-24  
[30] US (09/468,109) 1999-12-21

[21] **2,319,280**  
[13] A1

[51] **Int.Cl. 7H04B 10/17**  
[25] EN  
[54] **HIGH POWER, MULTI-STAGE DOPED OPTICAL AMPLIFIER**  
[54] **AMPLIFICATEUR OPTIQUE DOPE A ETAGES MULTIPLES DE GRANDE PUISSANCE**  
[72] DELAVALUX, JEAN-MARC PIERRE, US  
[72] YENIAY, AYDIN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-14  
[43] 2001-03-24  
[30] US (60/155,986) 1999-09-24  
[30] US (09/566,349) 2000-05-08

[21] **2,319,282**  
[13] A1

[51] **Int.Cl. 7C12N 1/20 7C12P 13/04**  
[25] EN  
[54] **METHOD FOR PRODUCING AMINO ACIDS BY FERMENTATION**  
[54] **METHODE DE PRODUCTION DES ACIDES AMINES PAR FERMENTATION**  
[72] ABE, TETSUYA, JP  
[72] KINO, KUNIKI, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[22] 2000-09-14  
[43] 2001-03-20  
[30] JP (265108/99) 1999-09-20

[21] **2,319,283**  
[13] A1

[51] **Int.Cl. 7C12N 1/20 7C12P 13/04 7C12P 13/24**  
[25] EN  
[54] **METHOD FOR PRODUCING L-AMINO ACIDS BY FERMENTATION**  
[54] **METHODE DE PRODUCTION DES ACIDES AMINES-L**  
[72] KINO, KUNIKI, JP  
[72] ABE, TETSUYA, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[22] 2000-09-14  
[43] 2001-03-20  
[30] JP (265107/99) 1999-09-20

[21] **2,319,284**  
[13] A1

[51] **Int.Cl. 7C07D 303/04 7C07D 301/12**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF EPOXIDES FROM OLEFINS**  
[54] **PROCESSUS DE PREPARATION D'EPOXYDES A PARTIR DE COMPOSES OLEFINIQUES**  
[72] THIELE, GEORG, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 2000-09-14  
[43] 2001-03-18  
[30] DE (199 44 839.6) 1999-09-18

[21] **2,319,289**  
[13] A1

[51] **Int.Cl. 7A23P 1/12 7A23L 1/164**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF A COMPOSITE CONSUMABLE PRODUCT BY DOUBLE EXTRUSION**  
[54] **PROCEDE DE FABRICATION D'UN PRODUIT COMPOSE DE CONSOMMATION PAR DOUBLE EXTRUSION**  
[72] PFALLER, WERNER, CH  
[72] GEROMINI, OSVALDO, CH  
[72] BENGTTSSON-RIVEROS, ANNAMARIE, CH  
[72] FARNSWORTH, JOHN T., US  
[72] HECK, ERNST, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 2000-09-14  
[43] 2001-03-22  
[30] EP (99118679.2) 1999-09-22

[21] **2,319,291**  
[13] A1

[51] **Int.Cl. 7A47F 3/00 7A47F 3/10 7A47F 3/14**  
[25] EN  
[54] **DISPLAY DEVICE**  
[54] **PRESENTOIR**  
[72] MASON, TIMOTHY L., US  
[71] NDR CORPORATION, US  
[22] 2000-09-14  
[43] 2001-03-24  
[30] US (09/405,539) 1999-09-24

[21] **2,319,295**  
[13] A1

[51] **Int.Cl. 7B64C 27/54**  
[25] EN  
[54] **ANTI-ROTATION CLIP**  
[54] **PINCE DE BLOCAGE**  
[72] COVINGTON, C., ED (Deceased), US  
[72] DAY, CLIFTON B., US  
[72] ZIERER, JOSEPH J., US  
[71] BELL HELICOPTER TEXTRON INC., US  
[22] 2000-09-14  
[43] 2001-03-20  
[30] US (09/400,513) 1999-09-20

[21] **2,319,301**  
[13] A1

[51] **Int.Cl. 7B61B 12/00**  
[25] EN  
[54] **SHOCK ABSORBING TOW BAR FOR TROLLEY-TYPE CONVEYOR SYSTEM**  
[54] **BARRE DE REMORQUAGE AMORTISSEUSE POUR CONVOYEUR A CHARIOT**  
[72] SUMMA, GARETH D., US  
[72] SMITH, N. DUANE, US  
[71] CONVEYOR TECHNOLOGY GROUP, INC., US  
[22] 2000-09-14  
[43] 2001-03-24  
[30] US (09/404,899) 1999-09-24

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[21] **2,319,614**  
[13] A1

[51] **Int.Cl. 7B65D 27/02**  
[25] EN  
[54] **ENVELOPE CONSTRUCTION**  
[54] **ENVELOPPE**  
[72] QUIETT, JEFFREY L., US  
[72] CUMMINGS, JOHN E., US  
[72] TUCKER, MICHAEL E., US  
[71] HALLMARK CARDS,  
INCORPORATED, US  
[22] 2000-09-14  
[43] 2001-03-24  
[30] US (09/405,703) 1999-09-24

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[21] **2,319,678**  
[13] A1

[51] **Int.Cl. 7D21F 7/08**  
[25] EN  
[54] **BELT FOR RECIRCULATION IN  
MACHINES AND METHOD FOR THE  
MANUFACTURE THEREOF**  
[54] **COURROIE DE RECIRCULATION  
POUR MACHINES, ET METHODE DE  
FABRICATION CONNEXE**  
[72] ZILS, FRANK, DE  
[71] THOMAS JOSEF HEIMBACH  
GESELLSCHAFT MIT BESCHRÄNKTER  
HAFTUNG & CO., DE  
[22] 2000-09-15  
[43] 2001-03-18  
[30] DE (199 44 864.7-12) 1999-09-18

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[21] **2,319,733**  
[13] A1

[51] **Int.Cl. 7H02M 7/04 7H02M 1/00**  
[25] EN  
[54] **SWITCHING POWER CIRCUIT**  
[54] **CIRCUIT DE COMMUTATION DE  
L'ALIMENTATION ELECTRIQUE**  
[72] YASUMURA, MASAYUKI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-09-15  
[43] 2001-03-21  
[30] JP (P11-267155) 1999-09-21

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[21] **2,319,840**  
[13] A1

[51] **Int.Cl. 7G01N 1/28**  
[25] FR  
[54] **DISPOSITIF DE  
CONDITIONNEMENT D'UN  
ECHANTILLON DE SOL POLLUE -  
METHODE D'ANALYSE PAR  
PYROLYSE**  
[54] **POLLUTED SOIL SAMPLE  
CONDITIONING DEVICE AND  
ANALYSIS METHOD USING  
PYROLYSIS**  
[72] HAESELER, FRANK, FR  
[72] BENOIT, YVES, FR  
[71] INSTITUT FRANCAIS DU PETROLE,  
FR  
[22] 2000-09-20  
[43] 2001-03-23  
[30] FR (99 11 923) 1999-09-23

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[21] **2,319,841**  
[13] A1

[51] **Int.Cl. 7B01D 19/00 7C10G 45/00  
7B01D 45/12**  
[25] FR  
[54] **SYSTEME DE SEPARATION GAZ/  
LIQUIDE INTERVENANT DANS UN  
PROCEDE DE CONVERSION  
D'HYDROCARBURES**  
[54] **GAS LIQUID SEPARATION  
SYSTEM INVOLVED IN A  
HYDROCARBON CONVERSION  
PROCESS**  
[72] GAUTHIER, THIERY, FR  
[72] KOUDIL, ABDELHAKIM, FR  
[72] BOYER, CHRISTOPHE, FR  
[71] INSTITUT FRANCAIS DU PETROLE,  
FR  
[22] 2000-09-20  
[43] 2001-03-24  
[30] FR (99 12 034) 1999-09-24

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[21] **2,319,842**  
[13] A1

[51] **Int.Cl. 7A61K 7/40 7A61K 7/00  
7A61K 7/48**  
[25] FR  
[54] **UTILISATION DE L'ALVERINE  
POUR DIMINUER LES RIDES**  
[54] **USE OF ALVERINE TO REDUCE  
WRINKLES**  
[72] PINEAU, NATHALIE, FR  
[72] BRETON, LIONEL, FR  
[72] LIVIERO, CHRISTEL, FR  
[71] L'OREAL, FR  
[22] 2000-09-20  
[43] 2001-03-21  
[30] FR (99 11 772) 1999-09-21

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[21] **2,319,843**  
[13] A1

[51] **Int.Cl. 7C09C 3/06 7C09D 17/00  
7C08K 3/18**  
[25] FR  
[54] **PIGMENT DE VANADATE DE  
BISMUTH RESISTANT A LA CHALEUR  
ET PROCEDE POUR SA FABRICATION**  
[54] **HEAT-RESISTANT BISMUTH  
VANADATE PIGMENT AND ITS  
PRODUCTION PROCESS**  
[72] VERMOORTELE, FRANK, FR  
[72] BUYSE, EMILE JOSEPH, BE  
[71] GEBROEDERS CAPPELLE  
NAAMLOZE VENNOOTSCHAP, BE  
[22] 2000-09-20  
[43] 2001-03-22  
[30] EP (99870193.2) 1999-09-22

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[21] **2,319,844**  
[13] A1

[51] **Int.Cl. 7A45D 33/00 7A45D 34/00  
7A45D 40/00**  
[25] FR  
[54] **DISPOSITIF DE  
CONDITIONNEMENT ET  
D'APPLICATION**  
[54] **CONDITIONING AND  
APPLICATION DEVICE**  
[72] GUERET, JEAN-LOUIS, FR  
[71] L'OREAL, FR  
[22] 2000-09-21  
[43] 2001-03-21  
[30] FR (99 11 771) 1999-09-21

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Canadian Laid-Open Applications  
March 18, 2001 - March 24, 2001

[21] **2,319,845**  
[13] A1

[51] **Int.Cl. 7G01M 11/00**  
[25] FR  
[54] **PROCEDE POUR DETERMINER LA FORME D'UNE LENTILLE DE CONTACT OPHTALMIQUE DE CORRECTION DES ABERRATIONS OPTIQUES DE L'OEIL AU-DELA DE LA DEFOCALISATION OU DE L'ASTIGMATISME ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE**

[54] **PROCESS TO DETERMINE THE SHAPE OF AN OPHTHALMIC CORRECTION LENS FOR CORRECTING OPTICAL ABERRATIONS OF THE EYE BEYOND DEFOUSSING OR ASTIGMATISM, AND IMPLEMENTATION DEVICE FOR SAID PROCESS**

[72] CHATEAU, NICOLAS, FR  
[72] FERMIGIER, BRUNO, FR  
[72] MARIN, GILDAS, FR  
[71] ESSILOR INTERNATIONAL (COMPAGNIE GÉNÉRALE D'OPTIQUE), FR  
[22] 2000-09-21  
[43] 2001-03-22  
[30] FR (99 11 843) 1999-09-22

[21] **2,319,846**  
[13] A1

[51] **Int.Cl. 7H02G 3/04**  
[25] FR  
[54] **CONDUIT DE CABLAGE ELECTRIQUE A CHARNIERE SOUPLE**  
[54] **ELECTRICAL CABLE CONDUIT WITH A FLEXIBLE HINGE**

[72] ALBERT, CHRISTOPHE, FR  
[72] MARCOU, JEAN-CLAUDE, FR  
[72] BONNASSIEUX, VINCENT, US  
[71] PLANET WATTOHM, FR  
[22] 2000-09-21  
[43] 2001-03-24  
[30] FR (99 11 953) 1999-09-24  
[30] FR (00 04 711) 2000-04-12

[21] **2,319,852**  
[13] A1

[51] **Int.Cl. 7A61K 7/13**  
[25] FR  
[54] **COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION**

[54] **OXIDATION DYE COMPOSITION FOR KERATIN FIBRES, AND DYEING PROCESS USING THIS COMPOSITION**  
[72] LAGRANGE, ALAIN, FR  
[72] PLOS, GREGORY, FR  
[71] L'OREAL, FR  
[22] 2000-09-22  
[43] 2001-03-24  
[30] FR (99 11 967) 1999-09-24

[21] **2,319,866**  
[13] A1

[51] **Int.Cl. 7C08F 220/12 7C10M 145/14**  
[25] EN  
[54] **(METH) ACRYLATE COPOLYMER POUR POINT DEPRESSANTS**  
[54] **COPOLYMERE DE RESINE METHACRILIQUE ACCROISSANT LA FLUIDITE DES HUILES DE LUBRIFICATION A BASSE TEMPERATURE**

[72] LI, SHOUTIAN, US  
[72] JAO, TZE CHI, US  
[72] LIESEN, GREGORY P., US  
[71] ETHYL CORPORATION, US  
[22] 2000-09-15  
[43] 2001-03-22  
[30] US (09/401,693) 1999-09-22

[21] **2,319,869**  
[13] A1

[51] **Int.Cl. 7H01H 85/30 7H01H 85/04**  
[25] EN  
[54] **SPUTTERED METAL FILM FUSE STATE INDICATOR**

[54] **INDICATEUR D'ETAT DE FUSIBLE A FILM METALLIQUE DEPOSE PAR PULVERISATION**  
[72] DARR, MATTHEW RAIN, US  
[72] ROWTON, DANIEL E., US  
[71] COOPER TECHNOLOGIES COMPANY, US  
[22] 2000-09-15  
[43] 2001-03-24  
[30] US (60/155,845) 1999-09-24  
[30] US (09/571,531) 2000-05-16

[21] **2,319,882**  
[13] A1

[51] **Int.Cl. 7B29D 24/00 7F16J 15/00 7A47J 41/02 7F16L 59/06 7B65D 81/38**  
[25] EN  
[54] **SEALING PORTION STRUCTURE OF EXHAUST HOLE OF DOUBLE-WALLED HEAT-INSULATING CONTAINER AND SEALING METHOD THEREOF**

[54] **STRUCTURE DE LA PARTIE DE SCELLEMENT DU TROU D'EVACUATION D'UN CONTENEUR A DOUBLE PAROI, ISOLANT CONTRE LA CHALEUR, AINSI QUE LA METHODE DE SCELLEMENT**  
[72] KOMIYA, YASUHIKO, JP  
[72] YAMADA, MASASHI, JP  
[71] NIPPON SANSO CORPORATION, JP  
[22] 2000-09-15  
[43] 2001-03-21  
[30] JP (11-267811) 1999-09-21

[21] **2,319,887**  
[13] A1

[51] **Int.Cl. 7B65D 81/32**  
[25] EN  
[54] **SHRINK PACKAGING OF FOOD PRODUCTS**  
[54] **EMBALLAGE DE NOURRITURE PAR SACHETS**

[72] HLATHEIN, ALISON JOY, US  
[71] KRAFT FOODS, INC., US  
[22] 2000-09-19  
[43] 2001-03-20  
[30] US (09/399,380) 1999-09-20

[21] **2,319,890**  
[13] A1

[51] **Int.Cl. 7A61C 17/00 7A61C 3/00**  
[25] EN  
[54] **TOOTH WHITENING METHOD AND APPARATUS**

[54] **DISPOSITIF ET METHODE DE BLANCHIMENT DES DENTS**  
[72] KENNEDY, JOHN, CA  
[72] HUBERT, MANFRED, CA  
[71] EFOS INC., CA  
[22] 2000-09-19  
[43] 2001-03-21  
[30] US (60/155,063) 1999-09-21

**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,319,891**  
[13] A1

[51] **Int.Cl. 7E21B 47/12**  
[25] EN  
[54] **SLICKLINE FLUID IDENTIFICATION TOOL**  
[54] **OUTIL D'IDENTIFICATION DE FLUIDE DANS CONDUITE POLIE**  
[72] FEHRMANN, GARY ZANE, US  
[72] MENAND, PASCAL, FR  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2000-09-19  
[43] 2001-03-24  
[30] US (09/405,929) 1999-09-24

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[21] **2,319,893**  
[13] A1

[51] **Int.Cl. 7H02B 1/06**  
[25] EN  
[54] **SERVICE PANEL WITH UTILITY CONTROLLER**  
[54] **PANNEAU DE SERVICE AVEC CONTROLEUR DES SERVICES PUBLICS**  
[72] DUNN, TOM S., US  
[72] PARKER, PHILIP A., US  
[71] DUNN, TOM S., US  
[71] PARKER, PHILIP A., US  
[22] 2000-09-18  
[43] 2001-03-21  
[30] US (60/155,179) 1999-09-21  
[30] US (UNKNOWN) 2000-09-14

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[21] **2,319,894**  
[13] A1

[51] **Int.Cl. 7H04M 3/42 7H04L 12/18 7H04Q 7/36**  
[25] EN  
[54] **APPARATUS, METHOD AND SYSTEM FOR SUBSCRIBER CONTROL OF TIMED AND REGIONAL MEMBERSHIP IN MULTIPLE MEMBER TERMINATION GROUPS FOR MULTIPLE LEG TELECOMMUNICATION SESSIONS**  
[54] **APPAREIL, METHODE ET SYSTEME PERMETTANT LA COMMANDE PAR L'ABONNE DE LA PARTICIPATION REGIONALE ET CHRONOMETREE A DES GROUPES DE TERMINAISON PLUSIEURS MEMBRES POUR DES SESSIONS DE TELECOMMUNICATION A TRONCONS MULTIPLES**  
[72] SMITH, HAROLD ROBERT JR., US  
[72] EARL, DEBORAH THOMAS, US  
[72] BAIYOR, ROBERT JOHN, US  
[72] STROM, THOMAS DALE, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-18  
[43] 2001-03-24  
[30] US (09/404,901) 1999-09-24

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[21] **2,319,896**  
[13] A1

[51] **Int.Cl. 7C22B 7/02**  
[25] EN  
[54] **METHOD FOR REMOVING METALS FROM AIR POLLUTION CONTROL RESIDUES**  
[54] **PROCEDE POUR EXTRAIRE LES METAUX PROVENANT DES RESIDUS DE LA DEPOLLUTION DE L'AIR**  
[72] SAUVAGEAU, CHRISTINE, CA  
[72] CHARTIER, MYRIAM, CA  
[72] MERCIER, GUY, CA  
[72] ROBERGE, GUY, CA  
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA  
[22] 2000-09-19  
[43] 2001-03-21  
[30] CA (2,284,884) 1999-09-21

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[21] **2,319,902**  
[13] A1

[51] **Int.Cl. 7B42D 1/08**  
[25] EN  
[54] **A VOLUME WITH SEVERAL PAGES WITHOUT A BINDING MADE UP BY JOINING UP THE BACK FACES OF EACH PAIR OF FOUR PAGE SHEETS**  
[54] **VOLUME DE PLUSIEURS PAGES SANS RELIURE CONSTITUE EN JOIGNANT LES VERSOS DE CHAQUE PAIRE DE FEUILLES DE QUATRE PAGES**  
[72] DE MARCO, LEO FRANCESCO, IT  
[71] DEFRALE' S.R.L., IT  
[22] 2000-09-19  
[43] 2001-03-21  
[30] IT (RM99U000196) 1999-09-21

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[21] **2,319,906**  
[13] A1

[51] **Int.Cl. 7H04J 14/06 7H04B 10/18**  
[25] EN  
[54] **A TERMINAL DESIGN FOR A WDM SYSTEM WITH IN-LINE SEMICONDUCTOR OPTICAL AMPLIFIERS**  
[54] **MODELE DE TERMINAL POUR UN SYSTEME DE MULTIPLEXAGE EN LONGUEUR D'ONDE (WDM) AVEC AMPLIFICATEURS OPTIQUES A SEMICONDUCTEURS EN LIGNE**  
[72] BANERJEE, SONALI, US  
[72] SUN, YAN, US  
[72] EICHENBAUM, BERNARD RAYMOND, US  
[72] SRIVASTAVA, ATUL KUMAR, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-15  
[43] 2001-03-24  
[30] US (09/405,679) 1999-09-24

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March 18, 2001 - March 24, 2001

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[21] **2,319,924**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56 7H04L 29/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING EFFICIENT MANAGEMENT OF RESOURCES IN A MULTI-PROTOCOL OVER ATM (MPOA) ENVIRONMENT**  
[54] **METHODE ET APPAREIL PERMETTANT LA GESTION EFFICACE DES RESSOURCES DANS UN ENVIRONNEMENT A PROTOCOLES MULTIPLES EN MTA**  
[72] MANGIN, JAMES L., US  
[72] KALKUNTE, MOHAN V., US  
[72] PITCHER, DEREK H., US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-18  
[43] 2001-03-20  
[30] US (09/399,548) 1999-09-20

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[21] **2,319,925**  
[13] A1  
[51] **Int.Cl. 7F16L 25/00**  
[25] FR  
[54] **MOYENS DE CONNEXION D'UNE CANALISATION A UN CORPS TUBULAIRE**  
[54] **MEANS TO CONNECT A PIPELINE TO A TUBULAR BODY**  
[72] GUIVARC'H, OLIVIER, FR  
[71] LEGRIS SA, FR  
[22] 2000-09-14  
[43] 2001-03-20  
[30] FR (99 11738) 1999-09-20

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[21] **2,319,927**  
[13] A1  
[51] **Int.Cl. 7H04B 10/17 7H01S 5/04**  
[25] FR  
[54] **AMPLIFICATEUR OPTIQUE A FIBRE OPTIQUE**  
[54] **FIBRE OPTICS OPTICAL AMPLIFIER**  
[72] DESTHIEUX, BERTRAND, FR  
[71] ALCATEL, FR  
[22] 2000-09-14  
[43] 2001-03-24  
[30] FR (99 11 981) 1999-09-24

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[21] **2,319,940**  
[13] A1  
[51] **Int.Cl. 7B23C 5/26 7B23B 31/00 7B23Q 3/12**  
[25] EN  
[54] **ADJUSTABLE TOOL HOLDER APPARATUS**  
[54] **DISPOSITIF REGLABLE POUR TENIR LES OUTILS**  
[72] HARTFORD, JAMES T., US  
[72] FRECSKA, LASZLO, US  
[71] HARTFORD, JAMES T., US  
[71] FRECSKA, LASZLO, US  
[22] 2000-09-18  
[43] 2001-03-20  
[30] US (60/154,807) 1999-09-20

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[21] **2,319,942**  
[13] A1  
[51] **Int.Cl. 7A47K 10/42**  
[25] EN  
[54] **STACK FORMED FROM CONNECTED GROUPS OF INTERFOLDED SHEETS**  
[54] **EMPILAGE DE FEUILLES REPLIEES PAR GROUPES RELIES LES UNS AUX AUTRES**  
[72] CRAIG, GRANTLAND A., US  
[72] HERTEL, JAMES E., US  
[72] HEATH, PETER A., US  
[72] LUEBKE, WAYNE W., US  
[72] JOHNSON, GARY E., US  
[72] HUEMPFNER, THOMAS D., US  
[72] WUNDERLICH, JOHN H., US  
[71] PAPER CONVERTING MACHINE COMPANY, US  
[22] 2000-09-20  
[43] 2001-03-24  
[30] US (09/405,827) 1999-09-24  
[30] US (09/488,877) 2000-01-21

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[21] **2,319,943**  
[13] A1  
[51] **Int.Cl. 7G02C 1/02**  
[25] EN  
[54] **EYEGLASSES WITH IMPROVED CONNECTION BETWEEN LENS AND SUPPORT FRAME**  
[54] **LUNETTES A JOINT AMELIORE ENTRE LES LENTILLES ET LA MONTURE**  
[72] CARLON, ROBERTO, IT  
[72] CARRARO, MIRCO, IT  
[71] CARLON, ROBERTO, IT  
[71] CARRARO, MIRCO, IT  
[71] SINTHESYS S.R.L., IT  
[22] 2000-09-20  
[43] 2001-03-21  
[30] IT (BO99U 000108) 1999-09-21

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[21] **2,319,944**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **SYSTEM AND METHOD FOR TRANSPORTING IN/AIN SIGNALING OVER AN INTERNET PROTOCOL (IP) NETWORK**  
[54] **SYSTEME ET METHODE DE TRANSPORT DE SIGNALISATION RI/RIP SUR UN RESEAU DE PROTOCOLE INTERNET (PI)**  
[72] DANTU, RAMANAMURTHY, US  
[72] DAVIS, ROBERT WAYNE, US  
[72] GEORGE, THOMAS LAMAR JR., US  
[71] ALCATEL USA SOURCING, L.P., US  
[22] 2000-09-13  
[43] 2001-03-21  
[30] US (60/155,041) 1999-09-21

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[21] **2,319,946**  
[13] A1  
[51] **Int.Cl. 7A61C 8/00 7A61C 13/00**  
[25] EN  
[54] **IMPLANT-SUPPORTED DENTAL PROSTHESIS AND PROCESS FOR ITS PRODUCTION**  
[54] **PROTHESE DENTAIRE SUPPORTEE PAR UN IMPLANT, AINSI QUE SON PROCEDE DE PRODUCTION**  
[72] GROLL, WERNER, DE  
[72] GROTE, PASCALE, DE  
[72] KREMER, EGBERT, DE  
[72] MAY, DITTMAR, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 2000-09-20  
[43] 2001-03-22  
[30] DE (199 45 354.3) 1999-09-22

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[21] **2,319,950**  
[13] A1  
[51] **Int.Cl. 7A01K 85/00**  
[25] EN  
[54] **DIRECTIONALLY CONTROLLABLE FISHING LURE**  
[54] **LEURRE DE PECHE A DIRECTION CONTROLEE**  
[72] JOHNSTON, JON C., US  
[72] SHAFFER, THOMAS J., US  
[71] JOHNSTON, JON C., US  
[71] SHAFFER, THOMAS J., US  
[22] 2000-09-20  
[43] 2001-03-21  
[30] US (60/155,056) 1999-09-21

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**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,319,961**  
[13] A1

[51] **Int.Cl. 7H04B 10/17 7H04J 14/02**  
[25] FR  
[54] **REGENERATEUR DE SIGNAUX OPTIQUES MULTIPLEXES EN LONGUEUR D'ONDE**  
[54] **WAVELENGTH DIVISION MULTIPLEXED OPTICAL SIGNAL REGENERATOR**  
[72] BIGO, SEBASTIEN, FR  
[72] MESTRIC, ROLAND, FR  
[71] ALCATEL, FR  
[22] 2000-09-18  
[43] 2001-03-23  
[30] FR (99 11 873) 1999-09-23

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[21] **2,319,962**  
[13] A1

[51] **Int.Cl. 7G01N 15/08 7G01V 9/00**  
[25] FR  
[54] **METHODE OPTIMISEE POUR DETERMINER DES PARAMETRES PHYSIQUES D'UN ECHANTILLON SOUMIS A CENTRIFUGATION**  
[54] **OPTIMIZED METHOD TO DETERMINE THE PHYSICAL PARAMETERS OF A SAMPLE SUBJECTED TO CENTRIFUGATION**  
[72] EGERMANN, PATRICK, FR  
[72] GOGLIN, ELODIE, FR  
[72] FLEURY, MARC, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2000-09-19  
[43] 2001-03-21  
[30] FR (99 12 266) 1999-09-21

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[21] **2,319,963**  
[13] A1

[51] **Int.Cl. 7H04B 10/17**  
[25] FR  
[54] **REGENERATEUR OPTIQUE POUR SIGNAUX RZ LIMITANT LE BRUIT DANS LES "ZEROS"**  
[54] **OPTICAL REGENERATOR FOR RZ SIGNALS LIMITING NOISE IN ZEROS**  
[72] PINCEMIN, ERWAN, FR  
[71] ALCATEL, FR  
[22] 2000-09-19  
[43] 2001-03-24  
[30] FR (99 11 980) 1999-09-24

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[21] **2,319,967**  
[13] A1

[51] **Int.Cl. 7C07D 311/62 7A61K 7/00 7C07H 17/065 7C07D 311/32 7A23L 3/3544 7A23L 3/3562 7A23L 2/44**  
[25] EN  
[54] **COMPOSITIONS CONTAINING PROANTHOCYANIDIN AND A VITAMIN B6 DERIVATIVE OR A SALT THEREOF**  
[54] **COMPOSITIONS A TENEUR EN PROANTHOCYANIDIN ET DE DERIVES DE VITAMINE B6 OU UN SEL DERIVE**  
[72] TAKAHASHI, TOMOYA, JP  
[72] KOBAYASHI, ASAKO, JP  
[72] TAJIMA, MINAKO, JP  
[72] TAKABOSHI, CHIEMI, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[22] 2000-09-19  
[43] 2001-03-21  
[30] JP (HEI-11-266430) 1999-09-21

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[21] **2,319,968**  
[13] A1

[51] **Int.Cl. 7C10M 141/00**  
[25] EN  
[54] **LUBRICATING OIL COMPOSITIONS**  
[54] **COMPOSITIONS D'HUILE DE LUBRIFICATION**  
[72] WALKER, JULIET V., GB  
[72] BELL, IAN ALEXANDER, GB  
[71] INFINEUM INTERNATIONAL LIMITED, GB  
[22] 2000-09-19  
[43] 2001-03-21  
[30] EP (99118605.7) 1999-09-21

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[21] **2,319,969**  
[13] A1

[51] **Int.Cl. 7C08K 3/32 7A61L 24/04 7C08K 3/26**  
[25] EN  
[54] **COMPOSITES**  
[54] **COMPOSITES**  
[72] LAYROLLE, PIERRE JEAN FRANCOIS, NL  
[71] ISOTIS B.V., NL  
[22] 2000-09-19  
[43] 2001-03-24  
[30] EP (99203141.9) 1999-09-24

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[21] **2,319,972**  
[13] A1

[51] **Int.Cl. 7A61C 3/02 7A61C 1/02**  
[25] EN  
[54] **HIGH-SPEED DENTAL DRILL**  
[54] **FORET DE DENTISTE A VITESSE ELEVEE**  
[72] LAMPRON, SYLVAIN, CA  
[72] MARANZANA, ROLAND, CA  
[72] KROUGLICOF, NICHOLAS, CA  
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA  
[22] 2000-09-20  
[43] 2001-03-21  
[30] US (09/399,031) 1999-09-21

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[21] **2,319,974**  
[13] A1

[51] **Int.Cl. 7C22C 38/20 7C21D 1/26**  
[25] EN  
[54] **A STAINLESS STEEL SHEET HAVING CU-ENRICHED GRAINS DISPERSED IN ITS MATRIX AND/OR A CU-CONDENSED LAYER**  
[54] **FEUILLE D'ACIER INOXYDABLE CONTENANT DES GRAINS DISPERSES ENRICHIS DE CUIVRE, AINSI QUE SA MATRICE ET/OU AVEC UNE COUCHE DE CUIVRE CONDENSE**  
[72] KAGEOKA, KAZUYUKI, JP  
[72] NAKAMURA, SADAYUKI, JP  
[72] HIRAMATSU, NAOTO, JP  
[71] NISSHIN STEEL CO., LTD., JP  
[22] 2000-09-20  
[43] 2001-03-21  
[30] JP (11-266607) 1999-09-21  
[30] JP (2000-056700) 2000-03-02  
[30] JP (2000-094837) 2000-03-30

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[21] **2,319,984**  
[13] A1

[51] **Int.Cl. 7G08B 13/24**  
[25] EN  
[54] **ANTI-THEFT CONTAINER FOR COMMERCIAL ITEMS**  
[54] **CONTENEUR ANTIVOL POUR ARTICLES COMMERCIAUX**  
[72] COSTA, EMILIO, IT  
[71] COSTA, EMILIO, IT  
[22] 2000-09-20  
[43] 2001-03-21  
[30] IT (PD99A000206) 1999-09-21

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March 18, 2001 - March 24, 2001

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[21] **2,319,986**  
[13] A1  
[51] **Int.Cl. 7A63B 69/00**  
[25] EN  
[54] **SPORTS TRAINER**  
[54] **CEINTURE D'ENTRAINEMENT**  
[72] NICOLOFF, THOMAS PAUL, CA  
[71] NICOLOFF, THOMAS PAUL, CA  
[22] 2000-09-20  
[43] 2001-03-20  
[30] US (09/399,635) 1999-09-20

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[21] **2,319,987**  
[13] A1  
[51] **Int.Cl. 7G01N 27/333 7G01N 27/49**  
[25] EN  
[54] **POLYMERIC COMPOSITIONS FOR ION-SELECTIVE ELECTRODES**  
[54] **COMPOSITIONS POLYMERES POUR DES ELECTRODES A MEMBRANE SELECTIVE**  
[72] LOVE, JAMES E., JR., US  
[72] KIRSCH, ANDREW M., US  
[72] DANIEL, DANIEL S., US  
[72] SUTTON, RICHARD C., US  
[72] DETWILER, RICHARD L., US  
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US  
[22] 2000-09-20  
[43] 2001-03-24  
[30] US (60/156,038) 1999-09-24

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[21] **2,319,993**  
[13] A1  
[51] **Int.Cl. 7H04B 1/59 7G06K 19/067**  
[25] EN  
[54] **TRANSPONDER INTENDED FOR SEVERAL DIFFERENT APPLICATIONS**  
[54] **REPONDEUR DESTINE A PLUSIEURS APPLICATIONS DIFFERENTES**  
[72] ROZ, THIERRY, CH  
[72] CEREDE, GILLES, CH  
[72] DEGRAUWE, MARC, CH  
[71] EM MICROELECTRONIC-MARIN SA, CH  
[22] 2000-09-20  
[43] 2001-03-22  
[30] EP (99118661.0) 1999-09-22

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[21] **2,319,996**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7H04L 12/16 7G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR GENERATING WEB PAGES WITH INFORMATION DISPLAYED IN A CAROUSEL**  
[54] **METHODE ET SYSTEME DE PRODUCTION DE PAGES WEB A PARTIR DE RENSEIGNEMENTS AFFICHES DANS UN CARROUSEL**  
[72] HAKMAN, KEVIN, US  
[71] GOODHOME.COM, US  
[22] 2000-09-20  
[43] 2001-03-22  
[30] US (60/183,040) 1999-09-22  
[30] US (09/649,275) 2000-08-28

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[21] **2,319,999**  
[13] A1  
[51] **Int.Cl. 7A61C 5/04 7B65D 83/76**  
[25] EN  
[54] **CARTRIDGE AND DENTAL APPLICATOR**  
[54] **CARTOUCHE ET DISPOSITIF D'APPLICATION DE DENTIFRICE**  
[72] WINKLER, SIEGBERT, AT  
[72] KUNKEL, PETER, LI  
[72] HOHENEGGER, FRANZ, LI  
[71] IVOCLAR AG, LI  
[22] 2000-09-20  
[43] 2001-03-23  
[30] DE (199 45 706.9) 1999-09-23

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[21] **2,320,001**  
[13] A1  
[51] **Int.Cl. 7H02J 3/26**  
[25] EN  
[54] **METHOD TO COMPENSATE FOR ASYMMETRIC LOADS IN POLYPHASE SYSTEMS**  
[54] **METHODE DE COMPENSATION DES CHARGES ASYMETRIQUES DES SYSTEMES POLYPHASES**  
[72] LINHOFER, GERHARD, CH  
[72] HILLBERG, CLAES, CH  
[71] ABB (SCHWEIZ) AG, CH  
[22] 2000-09-20  
[43] 2001-03-20  
[30] DE (199 44 917.1) 1999-09-20

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[21] **2,320,002**  
[13] A1  
[51] **Int.Cl. 7G06F 12/02 7H04L 12/16 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **INFORMATION RETRIEVAL AND DISPLAY**  
[54] **RECUPERATION ET AFFICHAGE D'INFORMATION**  
[72] MACKAY, ROBIN, GB  
[72] WALLER, MICHAEL, GB  
[72] WARD, MATTHEW, GB  
[71] NCR CORPORATION, US  
[22] 2000-09-20  
[43] 2001-03-20  
[30] GB (9922211.9) 1999-09-20  
[30] GB (0006160.6) 2000-03-14

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[21] **2,320,003**  
[13] A1  
[51] **Int.Cl. 7B60K 6/04 7B60L 15/20 7G01R 31/36**  
[25] EN  
[54] **CONTROL APPARATUS FOR HYBRID VEHICLES**  
[54] **APPAREIL DE COMMANDE DESTINE AUX VEHICULES HYBRIDES**  
[72] NAKAUNE, KAN, JP  
[72] OKI, HIDEYUKI, JP  
[72] KITAJIMA, SHINICHI, JP  
[72] SAWAMURA, KAZUTOMO, JP  
[72] IZUMIURA, ATSUSHI, JP  
[72] WAKASHIRO, TERUO, JP  
[72] KURODA, SHIGETAKA, JP  
[72] NAKAMOTO, YASUO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-09-20  
[43] 2001-03-22  
[30] JP (11-269502) 1999-09-22  
[30] JP (11-310346) 1999-10-29

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[21] **2,320,005**  
[13] A1  
[51] **Int.Cl. 7A61F 5/44**  
[25] EN  
[54] **DISPOSABLE URINE RETAINING BAG FOR ADULT MAN**  
[54] **SAC JETABLE SERVANT A RETENIR L'URINE D'UNE PERSONNE ADULTE**  
[72] WADA, ICHIRO, JP  
[72] ABE, KOZO, JP  
[72] KURITA, NORIYUKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-09-20  
[43] 2001-03-21  
[30] JP (11-267692) 1999-09-21  
[30] JP (11-328138) 1999-11-18

**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,320,007**  
[13] A1

[51] **Int.Cl. 7F28D 1/047**  
[25] EN  
[54] **ICE STORAGE COIL ARRANGEMENT**  
[54] **SERPENTINS DE GLACIERE**  
[72] MORRISON, FRANK T., US  
[72] AARON, DAVID A., US  
[71] BALTIMORE AIRCOIL COMPANY, INC., US  
[22] 2000-09-20  
[43] 2001-03-24  
[30] US (09/404,959) 1999-09-24

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[21] **2,320,010**  
[13] A1

[51] **Int.Cl. 7H02K 13/00 7H02K 15/00 7H01R 43/10**  
[25] EN  
[54] **PRESSED V-GROOVE PANCAKE SLIP RING**  
[54] **BAGUES COLLECTRICES APLATIES A GORGES EMBOUTIES**  
[72] PERDUE, JERRY THOMAS, US  
[71] LITTON SYSTEMS, INC., US  
[22] 2000-09-18  
[43] 2001-03-24  
[30] US (09/404,377) 1999-09-24

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[21] **2,320,012**  
[13] A1

[51] **Int.Cl. 7H04Q 7/22 7G08C 17/02 7G05B 19/05**  
[25] EN  
[54] **SYSTEM FOR COMMUNICATING MESSAGES VIA A FORWARD OVERHEAD CONTROL CHANNEL FOR A PROGRAMMABLE LOGIC CONTROL DEVICE**  
[54] **SYSTEME DE COMMUNICATION DE MESSAGES PAR UNE CHAINE DE COMMANDE DE LA SURCHARGE SYSTEME DES RETRANSMISSIONS DESTINE A UN DISPOSITIF DE COMMANDE A LOGIQUE PROGRAMMABLE**  
[72] JANSSON, EDWARD R., US  
[72] COMER, EDWARD I., US  
[71] CELLEMETRY LLC, US  
[22] 2000-09-18  
[43] 2001-03-20  
[30] US (60/154,724) 1999-09-20

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[21] **2,320,013**  
[13] A1

[51] **Int.Cl. 7F27B 3/06 7F27B 3/10**  
[25] EN  
[54] **IMPROVED ROTARY HEARTH FURNACE**  
[54] **FOUR A SOLE ROTATIF AMELIORE**  
[72] SAXENA, NEERAJ, US  
[72] WAJGE, RAJESH MARUTI, US  
[72] GRIESHABER, KENNETH W., US  
[71] THE BOC GROUP, INC., US  
[22] 2000-09-18  
[43] 2001-03-24  
[30] US (09/405,623) 1999-09-24

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[21] **2,320,018**  
[13] A1

[51] **Int.Cl. 7G02F 1/01 7G02F 1/29**  
[25] EN  
[54] **OPTICAL CONCENTRATOR**  
[54] **CONCENTRATEUR OPTIQUE**  
[72] KUTA, JOHN, CA  
[71] EFOS INC., CA  
[22] 2000-09-18  
[43] 2001-03-20  
[30] US (60/154,874) 1999-09-20

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[21] **2,320,027**  
[13] A1

[51] **Int.Cl. 7E21B 33/06**  
[25] EN  
[54] **SAFETY SLIP RAM**  
[54] **MACHOIRE D'OBTURATEUR PARACHUTE**  
[72] KAISER, GARRY R., US  
[71] BAKERS HUGHES INCORPORATED, US  
[22] 2000-09-21  
[43] 2001-03-22  
[30] US (60/155,396) 1999-09-22

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[21] **2,320,028**  
[13] A1

[51] **Int.Cl. 7F16L 13/00 7B29D 23/00**  
[25] EN  
[54] **METHOD FOR MANUFACTURING A CONNECTION FOR COMPOSITE TUBING**  
[54] **METHODE DE FABRICATION D'UNE CONNEXION POUR TUBING COMPOSITE**  
[72] SHAW, JOEL D., US  
[72] LUNDBERG, CHRIS A., US  
[72] REYNOLDS, HARRIS A., JR., US  
[72] WALSH, THOMAS J., US  
[71] HYDRIL COMPANY, US  
[22] 2000-09-21  
[43] 2001-03-22  
[30] US (60/155,328) 1999-09-22  
[30] US (UNKNOWN) 2000-09-19

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[21] **2,320,062**  
[13] A1

[51] **Int.Cl. 7B67D 1/02 7B65D 81/38**  
[25] EN  
[54] **INSULATED CONTAINER FOR KEG BEER**  
[54] **CONTENEUR ISOLE POUR LA BIERE EN TONNELET**  
[72] CARTER, JAMES EDWARD, US  
[71] CARTER, JAMES EDWARD, US  
[22] 2000-09-19  
[43] 2001-03-20  
[30] US (60/154,850) 1999-09-20  
[30] US (UNKNOWN) 2000-09-12

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[21] **2,320,065**  
[13] A1

[51] **Int.Cl. 6B22D 29/00 6B22D 43/00**  
[25] EN  
[54] **INTERLOCKING LINER FOR A CASTING SHAKE-OUT UNIT**  
[54] **GAINÉ ARTICULÉE POUR DEMOULEUR**  
[72] DIDION, MICHAEL S., US  
[71] DIDION MANUFACTURING COMPANY, US  
[22] 2000-09-19  
[43] 2001-03-20  
[30] US (09/398,286) 1999-09-20

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[21] **2,320,068**  
[13] A1  
[51] **Int.Cl. 7A61B 5/04 7A61N 1/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INTRACARDIALLY SURVEYING A CONDITION OF A CHAMBER OF A HEART**  
[54] **METHODE ET APPAREIL PERMETTANT D'EXAMINER L'ETAT DUN VENTRICULE DU COEUR**  
[72] REISFELD, DANIEL, IL  
[72] OSADCHY, MARGARITA, IL  
[71] BIOSENSE, INC., US  
[22] 2000-09-19  
[43] 2001-03-21  
[30] US (09/399,477) 1999-09-21

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[21] **2,320,375**  
[13] A1  
[51] **Int.Cl. 7G06T 9/20 7G06T 3/00**  
[25] EN  
[54] **CONTOUR EXTRACTION METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL D'EXTRACTION DE CONTOUR**  
[72] KIYUNA, TOMOHARU, JP  
[71] NEC CORPORATION, JP  
[22] 2000-09-21  
[43] 2001-03-24  
[30] JP (269660/1999) 1999-09-24

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[21] **2,320,384**  
[13] A1  
[51] **Int.Cl. 7B41F 9/10**  
[25] EN  
[54] **LOW FRICTION DOCTOR BLADE**  
[54] **RACLE A FAIBLE FRICTION**  
[72] BUCHANAN, JOHN ANDREW, US  
[72] NEWMAN, BENJAMIN KEITH, US  
[72] PALUMBO, FRANKLIN JOSEPH, US  
[71] LEXMARK INTERNATIONAL, INC., US  
[22] 2000-09-21  
[43] 2001-03-22  
[30] US (09/401,150) 1999-09-22

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[21] **2,320,386**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G06F 17/10 7G06F 17/20**  
[25] EN  
[54] **SIMILAR DOCUMENT RETRIEVAL METHOD USING PLURAL SIMILARITY CALCULATION METHODS AND RECOMMENDED ARTICLE NOTIFICATION SERVICE SYSTEM USING SIMILAR DOCUMENT RETRIEVAL METHOD**  
[54] **METHODE DE RECUPERATION DE DOCUMENTS SEMBLABLES UTILISANT PLUSIEURS METHODES DE CALCUL DES SIMILARITES, AINSI QU'UN SYSTEME DE SERVICE DE REFERENCE D'INFORMATION UTILISANT LA DITEMETHODE DE RECUPERATION DES DOCUMENTS SEMBLABLES**  
[72] MATSUMOTO, KAZUNORI, JP  
[72] HASHIMOTO, KAZUO, JP  
[72] MURAMATSU, SHIGEKI, JP  
[71] KDD CORPORATION, JP  
[22] 2000-09-21  
[43] 2001-03-22  
[30] JP (P11-269528) 1999-09-22  
[30] JP (P2000-69478) 2000-03-13

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[21] **2,320,396**  
[13] A1  
[51] **Int.Cl. 7E21B 10/18**  
[25] EN  
[54] **IMPROVED ROTARY CONE BIT FOR CUTTING REMOVAL**  
[54] **TREPAN A CONES ROTATIF AMELIORE POUR LA COUPE ET L'EVACUATION**  
[72] SAXTON, ROBERT L., US  
[71] VAREL INTERNATIONAL LIMITED, US  
[22] 2000-09-22  
[43] 2001-03-24  
[30] US (60/156,059) 1999-09-24

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[21] **2,320,397**  
[13] A1  
[51] **Int.Cl. 7F16L 11/10 7F16L 33/20**  
[25] EN  
[54] **HOSE COUPLING AND METHOD OF MANUFACTURE**  
[54] **RACCORD DE TUYAU SOUPLE ET METHODE DE FABRICATION**  
[72] ASSENHEIMER, KEVIN C., US  
[71] DAYCO PRODUCTS, INC., US  
[22] 2000-09-22  
[43] 2001-03-24  
[30] US (09/405,875) 1999-09-24

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[21] **2,320,409**  
[13] A1  
[51] **Int.Cl. 7B62D 43/04**  
[25] EN  
[54] **APPARATUS SUITABLE FOR SECURING AN ARTICLE UNDER A VEHICLE**  
[54] **APPAREIL PERMETTANT DE FIXER UN ARTICLE SOUS UN VEHICULE**  
[72] ALDRIDGE, LAWRENCE, US  
[72] OWNBEY, FLETCHER BRADFORD, US  
[71] VALLEY INDUSTRIES, US  
[22] 2000-09-22  
[43] 2001-03-24  
[30] US (09/406,273) 1999-09-24

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[21] **2,320,412**  
[13] A1  
[51] **Int.Cl. 7B24C 1/06 7H05K 3/22**  
[25] EN  
[54] **SURFACE ENHANCED METAL PRESS PLATES FOR USE IN MANUFACTURE OF LAMINATES AND MULTILAYER MATERIALS AND METHOD OF MAKING SAME**  
[54] **PLAQUES DE PRESSE EN METAL A SURFACE AMELIOREE SERVANT DANS LA FABRICATION DE STRATIFIES ET DE MATERIAUX MULTICOUCHES AINSI QUE LEUR METHODE DE FABRICATION**  
[72] CARIGNAN, EDWARD, US  
[72] BENEDICT, SCOTT, US  
[72] LAMPRON, MATT, US  
[71] POLYCLAD LAMINATES, INC., US  
[22] 2000-09-22  
[43] 2001-03-23  
[30] US (60/155,747) 1999-09-23  
[30] US (UNKNOWN) 2000-09-21

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[21] **2,320,415**  
[13] A1  
[51] **Int.Cl. 7H01T 13/20 7H01T 13/06**  
[25] EN  
[54] **SPARK PLUG**  
[54] **BOUGIE D'ALLUMAGE**  
[72] SHIMANOKAMI, YASUHIDE, JP  
[72] MORIYA, TORU, JP  
[71] NGK SPARK PLUG CO., LTD., JP  
[22] 2000-09-22  
[43] 2001-03-24  
[30] JP (11-270407) 1999-09-24  
[30] JP (2000-282385) 2000-09-18

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**18 mars 2001 - 24 mars 2001**

[21] **2,320,425**  
[13] A1

[51] **Int.Cl. 7B61B 12/02**  
[25] EN  
[54] **DOUBLE-ACTING TROLLEY TO SUPPORT ONE-CABLE INSTALLATIONS AND IN PARTICULAR CHAIR LIFTS AND CABIN LIFTS**  
[54] **CHARIOT A DOUBLE EFFET POUR SUPPORTER DES INSTALLATIONS A UN CABLE ET NOTAMMENT DES TELESIEGES ET DES TELEPHERIQUES**  
[72] PABST, OTTO, IT  
[71] HIGH TECHNOLOGY INVESTMENTS B.V., NL  
[22] 2000-09-21  
[43] 2001-03-24  
[30] IT (BZ 99 A 000 044) 1999-09-24

[21] **2,320,432**  
[13] A1

[51] **Int.Cl. 7B67B 7/46**  
[25] EN  
[54] **FOIL CUTTER**  
[54] **COUPE-CAPSULE**  
[72] WEIBEL, HANS, CH  
[71] ZYLISS HAUSHALTWAREN AG, CH  
[22] 2000-09-21  
[43] 2001-03-24  
[30] CH (1748/99) 1999-09-24

[21] **2,320,433**  
[13] A1

[51] **Int.Cl. 7B60K 26/00**  
[25] EN  
[54] **POWER SOURCE CONTROL METHOD FOR AN ELECTRIC VEHICLE**  
[54] **METHODE DE COMMANDE DE LA SOURCE D'ALIMENTATION D'UN VEHICULE ELECTRIQUE**  
[72] MIZUNO, YUTAKA, JP  
[72] KURANISHI, MASAHISA, JP  
[72] SAITOU, MIKIO, JP  
[72] YAMADA, TOSHIKI, JP  
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP  
[22] 2000-09-21  
[43] 2001-03-21  
[30] JP (11-267319) 1999-09-21

[21] **2,320,446**  
[13] A1

[51] **Int.Cl. 7H04B 10/08 7G01M 11/02**  
[25] EN  
[54] **APPARATUS AND METHOD FOR GENERATION OF OPTICAL SIGNALS**  
[54] **APPAREIL ET METHODE DE PRODUCTION DE SIGNAUX OPTIQUES**  
[72] NYMAN, BRUCE, US  
[72] DUCK, GARY, CA  
[72] COLBOURNE, PAUL, CA  
[72] ZIMMERMAN, DONALD R., US  
[71] JDS UNIPHASE INC., CA  
[22] 2000-09-22  
[43] 2001-03-24  
[30] US (09/404,309) 1999-09-24

[21] **2,320,451**  
[13] A1

[51] **Int.Cl. 7H04R 3/12 7H04S 7/00**  
[25] EN  
[54] **TRANSMISSION OF POWER AND/OR SIGNALLING BETWEEN AN AUDIO DISTRIBUTION UNIT AND A PLURALITY OF REMOTE AUDIO TRANSDUCERS**  
[54] **TRANSMISSION DE LA PUISSANCE ET/OU DU SIGNAL ENTRE UN CENTRE DE DISTRIBUTION AUDIO ET PLUSIEURS TRANSDUCTEURS AUDIO ELOIGNES**  
[72] BONNEVILLE, MARC ETIENNE, CA  
[71] BONNEVILLE, MARC ETIENNE, CA  
[22] 2000-09-22  
[43] 2001-03-23  
[30] CA (2,283,577) 1999-09-23

[21] **2,320,457**  
[13] A1

[51] **Int.Cl. 7F16B 33/00**  
[25] EN  
[54] **NUT, BOLT, AND THREAD UNIT OF FEMALE AND MALE THREAD MEMBERS**  
[54] **ECROU, BOULON ET FILETAGE D'ELEMENTS A FILETAGES MALES ET FEMELLES**  
[72] TORISU, MAKOTO, JP  
[72] SUZUKI, RYUJI, JP  
[72] NOMURA, KEIJI, JP  
[71] SUGIURA SEISAKUSHO CO. LTD., JP  
[22] 2000-09-22  
[43] 2001-03-24  
[30] JP (11-309757) 1999-09-24  
[30] JP (11-309758) 1999-09-24  
[30] JP (11-280267) 1999-09-30  
[30] JP (2000-028216) 2000-02-04

[21] **2,320,459**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **A PRECURSOR STENT GASKET FOR RECEIVING BILATERAL GRAFTS HAVING CONTROLLED CONTRALATERAL GUIDEWIRE ACCESS**  
[54] **GARNITURE DE STENT PRECURSEUR POUR RECEVOIR DES GREFFONS BILATERAUX AYANT UN ACCES CONTROLE POUR UN FIL-GUIDE CONTROLATERAL**  
[72] SOLOVAY, KENNETH S., US  
[72] LETENDRE, ROBERT P., US  
[72] TOYOS, IVAN A., US  
[71] CORDIS CORPORATION, US  
[22] 2000-09-22  
[43] 2001-03-24  
[30] US (09/404,660) 1999-09-24

[21] **2,320,461**  
[13] A1

[51] **Int.Cl. 7F04C 18/344**  
[25] EN  
[54] **AUTOMOTIVE VACUUM PUMP**  
[54] **POMPE A VIDE POUR L'AUTOMOBILE**  
[72] RADEMACHER, JOHN J., US  
[71] RADEMACHER, JOHN J., US  
[22] 2000-09-22  
[43] 2001-03-23  
[30] US (09/401,708) 1999-09-23

[21] **2,320,496**  
[13] A1

[51] **Int.Cl. 7C07D 311/76 7C07D 311/78**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF ISOCHROMAN-3-ONES**  
[54] **PROCEDE DE PREPARATION DES ISOCHROMAN-3-UN**  
[72] PFIRMANN, RALF, DE  
[72] GEISSLER, HOLGER, DE  
[71] CLARIANT GMBH, DE  
[22] 2000-09-22  
[43] 2001-03-23  
[30] DE (19945561.9) 1999-09-23



Canadian Laid-Open Applications  
March 18, 2001 - March 24, 2001

[21] **2,320,498**  
[13] A1

[51] **Int.Cl. 7B30B 1/26**  
[25] EN  
[54] **PRESS WITH ECCENTRIC CRANK DRIVE FOR UPPER PUNCH UNIT, AND OPERATING METHOD**  
[54] **PRESSE COMPRENANT UNE COMMANDE DE MANIVELLE A EXCENTRIQUE POUR POIN\_ON SUPERIEUR, ET METHODE DE FONCTIONNEMENT**  
[72] HORN, BERND, DE  
[72] HOLTHAUSEN, MATTHIAS, DE  
[72] NIES, NORBERT, DE  
[72] HOPPENKAMPS, NIKOLAUS, DE  
[71] SMS DEMAG AG, DE  
[22] 2000-09-22  
[43] 2001-03-24  
[30] DE (199 47 689.6) 1999-09-24

[21] **2,320,499**  
[13] A1

[51] **Int.Cl. 7B65G 59/04**  
[25] EN  
[54] **APPARATUS FOR TRANSPORTING FLEXIBLE, SHEET-LIKE PRODUCTS**  
[54] **APPAREIL POUR TRANSPORTER DES PRODUITS SOUPLES COMME DES FEUILLES**  
[72] HANSCH, EGON, CH  
[71] FERAG AG, CH  
[22] 2000-09-22  
[43] 2001-03-24  
[30] CH (1999 1753/99) 1999-09-24

[21] **2,320,500**  
[13] A1

[51] **Int.Cl. 7C11D 3/37 7C11D 17/02 7C11D 1/72 7C11D 1/722**  
[25] EN  
[54] **RINSE AID COMPOSITIONS**  
[54] **COMPOSITIONS D'AIDE AU RINCAGE**  
[72] HAERER, JUERGEN, DE  
[72] NITSCH, CHRISTIAN, DE  
[72] BAYERSDOERFER, ROLF, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-09-18  
[43] 2001-03-19  
[30] DE (199 44 416.1) 1999-09-19

[21] **2,320,504**  
[13] A1

[51] **Int.Cl. 7D21F 1/66**  
[25] EN  
[54] **DEVICE FOR GUIDING BACKWATER PRODUCED IN A PAPER MACHINE**  
[54] **DISPOSITIF SERVANT A GUIDER L'EAU D'EGOUTTAGE PRODUITE PAR UNE MACHINE A PAPIER**  
[72] GMEINER, ANTON, DE  
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE  
[22] 2000-09-22  
[43] 2001-03-23  
[30] DE (299 16 787.9) 1999-09-23

[21] **2,320,506**  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/12 7H04N 7/16 7G06F 17/60**  
[25] EN  
[54] **USER PREFERENCE INFORMATION STRUCTURE HAVING MULTIPLE HIERARCHICAL STRUCTURE AND METHOD FOR PROVIDING MULTIMEDIA INFORMATION USING THE SAME**  
[54] **STRUCTURE D'INFORMATION PREFEREEE COMPORTANT UNE STRUCTURE HIERARCHIQUE MULTIPLE, AINSI QUE LA METHODE PERMETTANT DE FOURNIR L'INFORMATION DES MULTIMEDIAS AU MOYEN DE LA DITE METHODE**  
[72] JUN, SUNG BAE, KR  
[72] SONG, JUNG MIN, KR  
[72] YOON, KYOUNG RO, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2000-09-22  
[43] 2001-03-22  
[30] KR (41190/1999) 1999-09-22

[21] **2,320,507**  
[13] A1

[51] **Int.Cl. 7C09B 29/036 7C09D 17/00 7C09B 45/14 7C08K 5/3462 7D21H 19/42 7C09B 29/52**  
[25] EN  
[54] **MONO- AND DIPOTASSIUM SALTS OF AZO COMPOUNDS**  
[54] **COMPOSITIONS AZOIQUES DE SELS DIPOTASSIUM ET MONOPOTASSIQUES**  
[72] SOMMER, RICHARD, DE  
[72] LINKE, FRANK, DE  
[72] HERRMANN, UDO, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-09-18  
[43] 2001-03-21  
[30] DE (19945245.8) 1999-09-21

[21] **2,320,508**  
[13] A1

[51] **Int.Cl. 7A47G 33/12**  
[25] EN  
[54] **NESTING CHRISTMAS TREE STAND**  
[54] **SUPPORT D'ARBRE DE NOEL EMPILABLE**  
[72] ROSATO, LEO, CA  
[71] ROS-IKA ENTERPRISES INC., CA  
[22] 2000-09-19  
[43] 2001-03-24  
[30] US (60/155,569) 1999-09-24

[21] **2,320,510**  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/12 7G06F 17/60**  
[25] EN  
[54] **USER PROFILE INFORMATION DATA STRUCTURE BASED ON USER PREFERENCE AND MULTIMEDIA DATA BROWSING SYSTEM USING THE SAME**  
[54] **STRUCTURE DES DONNEES DE L'INFORMATION RELATIVE AU PROFIL DE L'USAGER EN FONCTION DES PREFERENCES DE L'USAGER ET DU SYSTEME DE DEPISTAGE DE DONNEES DES MULTIMEDIAS, AU MOYEN DU DIT SYSTEME**  
[72] YOON, KYOUNG RO, KR  
[72] LEE, JIN SOO, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2000-09-22  
[43] 2001-03-22  
[30] KR (41137/1999) 1999-09-22

**Demandes canadiennes mises à la disponibilité du public**  
**18 mars 2001 - 24 mars 2001**

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[21] **2,320,516**  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04N 7/173**  
[25] EN  
[54] **MULTIPLE ITEM USER PREFERENCE INFORMATION DATA STRUCTURE AND METHOD FOR PROVIDING MULTI-MEDIA INFORMATION**  
[54] **STRUCTURE DES DONNEES RELATIVES A LA PREFERENCE DES USAGERS DE PLUSIEURS ARTICLES, AINSI QUE LA METHODE PERMETTANT DE FOURNIR LES INFORMATIONS DES MULTIMEDIAS**  
[72] JUN, SUNG BAE, KR  
[72] YOON, KYOUNG RO, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2000-09-22  
[43] 2001-03-22  
[30] KR (41192/1999) 1999-09-22

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[21] **2,320,526**  
[13] A1

[51] **Int.Cl. 7A61B 17/32**  
[25] EN  
[54] **IRRIGATION SYSTEM FOR ENDOSCOPIC SURGERY**  
[54] **SYSTEME D'IRRIGATION POUR LA CHIRURGIE ENDOSCOPIQUE**  
[72] TIMS, JERRY L., US  
[72] DITTERLINE, ANDREW F., US  
[71] TYCO HEALTHCARE GROUP LP, US  
[22] 2000-09-22  
[43] 2001-03-24  
[30] US (09/405,684) 1999-09-24

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[21] **2,320,529**  
[13] A1

[51] **Int.Cl. 7C22C 1/04 7B22F 1/00**  
[25] EN  
[54] **PROCESS FOR PRODUCING SPHEROIDIZED HARD MATERIAL POWDER**  
[54] **PROCEDE DE FABRICATION DE POUDRE DE MATIERE DURE SOUS FORME DE SPHERE**  
[72] HORN, RUDI, DE  
[72] KLEIN, ALEXANDER, DE  
[72] FLURSCHUTZ, WALTER, DE  
[72] ZAKHARIAN, SIMON, DE  
[71] HARTMETALL BETEILIGUNGS GMBH, DE  
[22] 2000-09-22  
[43] 2001-03-22  
[30] DE (199 45 318.7) 1999-09-22

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[21] **2,320,532**  
[13] A1

[51] **Int.Cl. 7A61C 5/00 7A61L 2/24 7A61L 2/26**  
[25] EN  
[54] **USE INDICATING MEANS FOR DENTAL FILES**  
[54] **DISPOSITIF INDIQUANT LE NOMBRE D'UTILISATIONS DES LIMES DENTAIREES**  
[72] MANZOLI, NICHOLAS J., US  
[71] MANZOLI, NICHOLAS J., US  
[22] 2000-09-22  
[43] 2001-03-24  
[30] US (60/155,838) 1999-09-24

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[21] **2,320,534**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64 7H04Q 7/36**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REVERSE LINK OVERLOAD CONTROL**  
[54] **SYSTEME ET METHODE DE GESTION DE SURCHARGE PAR LIAISON INVERSEE**  
[72] KIM, KYOUNG II, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-22  
[43] 2001-03-23  
[30] US (09/401,326) 1999-09-23

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[21] **2,320,536**  
[13] A1

[51] **Int.Cl. 7C11D 17/08 7C11D 1/14 7C11D 3/48 7C11D 1/66 7C11D 1/83**  
[25] EN  
[54] **MULTIPHASE CLEANER WITH ANTIMICROBIAL ACTION**  
[54] **EPURATEUR POLYPHASIQUE A ACTION ANTIMICROBIENNE**  
[72] WENDT, HEIKE, DE  
[72] NOGLICH, JURGEN, DE  
[72] SOLDANSKI, HEINZ-DIETER, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-09-25  
[43] 2001-03-23  
[30] DE (199 45 503.1) 1999-09-23

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[21] **2,320,538**  
[13] A1

[51] **Int.Cl. 7G02B 26/00 7H04B 10/18**  
[25] EN  
[54] **ARRAYED WAVEGUIDE GRATING AND METHOD FOR COMPENSATING OPTICAL TRANSMITTING CENTER WAVELENGTH OF LIGHT TRAVELLING THROUGH THE SAME**  
[54] **GRILLE DE GUIDE D'ONDES EN RESEAU ET METHODE DE COMPENSATION DE LA LONGUEUR D'ONDE AU CENTRE DE TRANSMISSION OPTIQUE DE LA LUMIERE DANS CETTE GRILLE**  
[72] NAKAJIMA, TAKESHI, JP  
[72] NARA, KAZUTAKA, JP  
[72] SAITO, TSUNETOSHI, JP  
[72] KASHIHARA, KAZUHISA, JP  
[71] THE FURUKAWA ELECTRIC CO., LTD., JP  
[22] 2000-09-22  
[43] 2001-03-24  
[30] JP (11-270201) 1999-09-24  
[30] JP (2000-21533) 2000-01-31  
[30] JP (2000-219205) 2000-07-19

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[21] **2,320,541**  
[13] A1

[51] **Int.Cl. 7C11D 17/08 7C11D 1/22 7C11D 3/48 7C11D 1/72 7C11D 1/83**  
[25] EN  
[54] **ANTIMICROBIAL AQUEOUS MULTIPHASE CLEANER**  
[54] **EPURATEUR POLYPHASIQUE A L'EAU ANTIMICROBIEN**  
[72] MEINE, GEORGE, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-09-25  
[43] 2001-03-23  
[30] DE (199 45 506.6) 1999-09-23

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Canadian Laid-Open Applications  
March 18, 2001 - March 24, 2001

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[21] **2,320,544**  
[13] A1  
[51] **Int.Cl. 7C11D 17/08 7C11D 1/14 7C11D 1/66 7C11D 1/83**  
[25] EN  
[54] **MULTIPHASE CLEANING AGENTS WITH OIL AND/OR WAX**  
[54] **PRODUITS DE NETTOYAGE A BASE D'HUILE ET/OU DE CIRE**  
[72] WENDT, HEIKE, DE  
[72] NOGLICH, JURGEN, DE  
[72] SOLDANSKI, HEINZ-DIETER, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-09-25  
[43] 2001-03-23  
[30] DE (199 45 505.8) 1999-09-23

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[21] **2,320,545**  
[13] A1  
[51] **Int.Cl. 7C08G 59/24 7C09D 163/00 7C09J 163/00 7C08G 59/42 7C08G 59/62**  
[25] EN  
[54] **ENERGY RAY CURING RESIN COMPOSITION**  
[54] **COMPOSITION DE RESINE DURCISSANT SOUS RAYONNEMENT**  
[72] HAYASHI, NORIYA, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-09-22  
[43] 2001-03-24  
[30] JP (269648/1999) 1999-09-24

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[21] **2,320,546**  
[13] A1  
[51] **Int.Cl. 7C07C 69/24 7C10M 105/34**  
[25] EN  
[54] **FLUID COMPOSITION FOR ELECTRICAL DISCHARGE MACHINING**  
[54] **COMPOSITION FLUIDE POUR USINAGE PAR ETINCELAGE**  
[72] SHORT, GLENN D., US  
[71] SHORT, GLENN D., US  
[22] 2000-09-22  
[43] 2001-03-24  
[30] US (60/155,971) 1999-09-24

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[21] **2,320,561**  
[13] A1  
[51] **Int.Cl. 7B22D 11/115 7B22D 27/02 7B22D 11/10**  
[25] EN  
[54] **CONTROLLABLE VARIABLE MAGNETIC FIELD APPARATUS FOR FLOW CONTROL OF MOLTEN STEEL IN A CASTING MOLD**  
[54] **APPAREIL A CHAMP MAGNETIQUE VARIABLE ET CONTROLABLE POUR LE CONTROLE DU DEBIT D'ACIER FONDU DANS UN MOULE**  
[72] DORRICOTT, JONATHAN, US  
[72] FRANK, WILLIAM R., US  
[71] IPSCO INC., CA  
[22] 2000-09-25  
[43] 2001-03-24  
[30] US (09/404,902) 1999-09-24

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[21] **2,320,563**  
[13] A1  
[51] **Int.Cl. 7G05B 19/18 7G05B 19/19 7G05B 19/4097**  
[25] EN  
[54] **METHOD OF GENERATING CONTROL DATA FOR BENDING AND TORSION APPARATUSES**  
[54] **METHODE DE PRODUCTION DE DONNEES DE CONTROLE POUR APPAREILS A CINTRER**  
[72] MARUYAMA, MANABU, JP  
[72] KAGEYAMA, YOSHIHIRO, JP  
[72] TAKEDA, KENZO, JP  
[72] MEGURI, HIDEO, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-09-25  
[43] 2001-03-24  
[30] JP (11-269893) 1999-09-24  
[30] JP (11-269894) 1999-09-24  
[30] JP (11-269895) 1999-09-24  
[30] JP (11-311171) 1999-11-01  
[30] JP (11-311192) 1999-11-01  
[30] JP (11-311204) 1999-11-01  
[30] JP (11-311237) 1999-11-01

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[21] **2,320,568**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7H04L 12/16 7G06F 17/60**  
[25] EN  
[54] **MULTIMEDIA SEARCH AND BROWSING METHOD USING MULTIMEDIA USER PROFILE INFORMATION STRUCTURE**  
[54] **METHODE DE RECHERCHE MULTIMEDIA ET DE DEPISTAGE UTILISANT LA STRUCTURE D'INFORMATION RELATIVE AU PROFIL DE L'USAGER**  
[72] SONG, JUNG MIN, KR  
[72] LEE, JIN SOO, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2000-09-22  
[43] 2001-03-22  
[30] KR (41189/1999) 1999-09-22

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[21] **2,320,570**  
[13] A1  
[51] **Int.Cl. 7B60P 3/00 7B60P 9/00 7F15B 13/06**  
[25] EN  
[54] **HEAVY-DUTY TRANSPORTING SYSTEM, AS WELL AS DRIVE MODULE AND HYDRAULIC UNIT FOR IT**  
[54] **SYSTEME DE TRANSPORT ROBUSTE, DE MEME QUE MODULE D'ENTRAINEMENT ET DISPOSITIF HYDRAULIQUE CONNEXE**  
[72] WAEGERLE, WOLFGANG, DE  
[71] WAEGERLE, WOLFGANG, DE  
[22] 2000-09-22  
[43] 2001-03-24  
[30] DE (199 45 750.6) 1999-09-24

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[21] **2,320,571**  
[13] A1  
[51] **Int.Cl. 7G02B 6/44 7E21B 47/00**  
[25] EN  
[54] **PROTECTOR SYSTEM FOR FIBER OPTIC SYSTEM COMPONENTS IN SUBSURFACE APPLICATIONS**  
[54] **SYSTEME DE PROTECTION DES ELEMENTS DES SYSTEMES DE FIBRE OPTIQUE POUR LES APPLICATIONS SOUS LA SURFACE**  
[72] HICKEY, KURT A., US  
[72] HAMILTON, MARK D., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-09-22  
[43] 2001-03-23  
[30] US (60/155,632) 1999-09-23

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,320,572**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTOMATED MANAGEMENT OF TRANSACTION INFORMATION**  
[54] **SYSTEME ET METHODE DE GESTION AUTOMATISEE DE L'INFORMATION RELATIVE AUX TRANSACTIONS**  
[72] JIVANI, ZAHIR, CA  
[71] JIVANI, ZAHIR, CA  
[22] 2000-09-22  
[43] 2001-03-22  
[30] US (09/401,443) 1999-09-22

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[21] **2,320,574**  
[13] A1

[51] **Int.Cl. 7G01S 13/90 7H01Q 15/24**  
[25] EN  
[54] **RADAR FOR SPACE-BORNE USE**  
[54] **UTILISATION D'UN RADAR A PARTIR DE L'ESPACE**  
[72] HALL, CHARLES DAVID, GB  
[72] PHELPS, PAUL IAN, GB  
[72] WHEADON, NIGEL SPENCER, GB  
[72] CORDEY, RALPH ANTONY, GB  
[71] ASTRUM LIMITED, GB  
[71] BAE SYSTEMS ELECTRONICS LIMITED, GB  
[22] 2000-09-22  
[43] 2001-03-23  
[30] GB (9922490.9) 1999-09-23

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[21] **2,320,594**  
[13] A1

[51] **Int.Cl. 7E04C 3/16**  
[25] EN  
[54] **OPEN JOIST**  
[54] **FERME OUVERTE**  
[72] ROBBINS, PHILLIP E., US  
[71] BANKS CORPORATION, US  
[22] 2000-09-21  
[43] 2001-03-22  
[30] US (09/401,597) 1999-09-22

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[21] **2,320,599**  
[13] A1

[51] **Int.Cl. 7H01R 13/635 7H01R 12/02**  
[25] EN  
[54] **CONNECTOR ASSEMBLY WITH EJECTOR**  
[54] **CONNECTEUR A EJECTEUR**  
[72] HIRATA, TOSHIHISA, JP  
[71] MOLEX INCORPORATED, US  
[22] 2000-09-20  
[43] 2001-03-20  
[30] JP (265397/1999) 1999-09-20

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[21] **2,320,602**  
[13] A1

[51] **Int.Cl. 7G06F 3/14 7G06F 17/30**  
[25] EN  
[54] **INFORMATION RETRIEVAL AND DISPLAY**  
[54] **RECUPERATION ET AFFICHAGE DE L'INFORMATION**  
[72] WALLER, MICHAEL, GB  
[71] NCR CORPORATION, US  
[22] 2000-09-20  
[43] 2001-03-20  
[30] GB (9922211.9) 1999-09-20

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[21] **2,320,603**  
[13] A1

[51] **Int.Cl. 7G06F 3/14 7G06F 17/30**  
[25] EN  
[54] **INFORMATION RETRIEVAL AND DISPLAY**  
[54] **RECUPERATION ET AFFICHAGE DE L'INFORMATION**  
[72] WALLER, MICHAEL, GB  
[72] WARD, MATTHEW, GB  
[72] MACKAY, ROBIN, GB  
[71] NCR CORPORATION, US  
[22] 2000-09-20  
[43] 2001-03-20  
[30] GB (9922211.9) 1999-09-20  
[30] GB (0006161.4) 2000-03-14

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[21] **2,320,604**  
[13] A1

[51] **Int.Cl. 7G06F 3/00 7H04L 12/12**  
[25] EN  
[54] **CREATION, TRANSMISSION AND RETRIEVAL OF INFORMATION**  
[54] **CREATION, TRANSMISSION ET RECUPERATION DE L'INFORMATION**  
[72] BLOOMFIELD, MARK E., GB  
[71] NCR CORPORATION, US  
[22] 2000-09-20  
[43] 2001-03-20  
[30] GB (9922214.3) 1999-09-20

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[21] **2,320,605**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **CLASSIFYING DATA IN A DATABASE**  
[54] **CLASSEMENT DES DONNEES DANS UNE BASE DE DONNEES**  
[72] HOGGART, CLIVE, GB  
[71] NCR CORPORATION, US  
[22] 2000-09-20  
[43] 2001-03-20  
[30] GB (9922221.8) 1999-09-20

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[21] **2,320,608**  
[13] A1

[51] **Int.Cl. 7E05C 3/02**  
[25] EN  
[54] **SASH LOCK WITH HIDDEN MOUNTING SCREWS**  
[54] **VERROU DE CHASSIS A VIS CACHEES**  
[72] BRANNAN, WARREN F., US  
[71] TRUTH HARDWARE CORPORATION, US  
[22] 2000-09-21  
[43] 2001-03-23  
[30] US (60/155,818) 1999-09-23

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[21] **2,320,610**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ADAPTIVE TIME-BASED CALL ROUTING IN A COMMUNICATIONS SYSTEM**  
[54] **METHODE ET APPAREIL DESTINES A L'ACHEMINEMENT FLEXIBLE DES APPELS MINUTES D'UN SYSTEME DE COMMUNICATION**  
[72] GALT, WALTER BRUCE, US  
[72] BARTOSZEWICZ, JAMES, US  
[72] SELLS, ROY, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-21  
[43] 2001-03-21  
[30] US (09/400,141) 1999-09-21

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March 18, 2001 - March 24, 2001

[21] **2,320,611**  
[13] A1

[51] **Int.Cl. 7F23R 3/02**  
[25] EN  
[54] **PRE-MIXING CHAMBER FOR GAS TURBINES**  
[54] **CHAMBRE DE PRE-CARBURATION DES TURBINES A GAZ**  
[72] MEI, LUCIANO, IT  
[72] DEAN, ANTHONY, US  
[72] MILIANI, ALESSIO, IT  
[71] NUOVO PIGNONE HOLDING S.P.A., IT  
[22] 2000-09-21  
[43] 2001-03-23  
[30] IT (MI99A001980) 1999-09-23

[21] **2,320,620**  
[13] A1

[51] **Int.Cl. 7E21B 43/267**  
[25] EN  
[54] **HYDRAULIC FRACTURING USING NON-IONIC SURFACTANT GELLING AGENT**  
[54] **FRACTURATION HYDRAULIQUE AU MOYEN D'AGENTS GELIFIANTS, SURFACTANTS ET NON-IONIQUES**  
[72] MCELFFRESH, PAUL M., US  
[72] WILLIAMS, CHAD F., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-09-21  
[43] 2001-03-22  
[30] US (09/400,812) 1999-09-22

[21] **2,328,678**  
[13] A1

[51] **Int.Cl. 7E04D 13/158 7E01H 5/00**  
[25] EN  
[54] **CANADIAN ICEBREAKER AIR BAG**  
[54] **COUSSIN PNEUMATIQUE DE DEGLA\_GE CANADIEN**  
[72] ERSKINE, JAMES CLIFFORD, CA  
[71] ERSKINE, JAMES CLIFFORD, CA  
[22] 2001-01-10  
[43] 2001-03-24

[21] **2,320,619**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 12/40**  
[25] EN  
[54] **ISOCRONOUS PACKET TRANSFER METHOD, COMPUTER READABLE RECORDING MEDIA RECORDED WITH CONTROL PROGRAM FOR EXECUTING ISOCRONOUS PACKET TRANSFER, AND BRIDGE AND PACKET TRANSFER CONTROL LSI**  
[54] **METHODE DE TRANSFERT ISOCHRONE DE PAQUETS, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR ET CONTENANT UN PROGRAMME DE COMMANDE DU TRANSFERT ISOCHRONE DE PAQUETS, ET LSI DE COMMANDE DE PONT ET DE TRANSFERT DE PAQUETS**  
[72] DOMON, WATARU, JP  
[71] NEC CORPORATION, JP  
[22] 2000-09-20  
[43] 2001-03-24  
[30] JP (11-271388) 1999-09-24

[21] **2,320,623**  
[13] A1

[51] **Int.Cl. 7E01H 8/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROL OF A RAIL CONTAMINANT CLEANING SYSTEM**  
[54] **METHODE ET APPAREIL DE COMMANDE D'UN SYSTEME DE NETTOYAGE DES DEPOTS SUR LES RAILS DE CHEMINS DE FER**  
[72] BAIG, MIRZA AREF AHMED, US  
[72] MESALIC, ADMIR, US  
[72] WHEELER, ARTHUR LEE, US  
[72] KUMAR, AJITH KUTTANNAIR, US  
[72] WORDEN, BRET DWAYNE, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-09-20  
[43] 2001-03-20  
[30] US (09/398,295) 1999-09-20

[21] **2,326,252**  
[13] A1

[51] **Int.Cl. 7E04C 3/30 7E04H 17/20**  
[25] EN  
[54] **POST CLADDING ASSEMBLY WITH SHEET RETAINING MEANS**  
[54] **SYSTEME DE REVETEMENT DE POTEAU PERMETTANT LA FIXATION DE LA FEUILLE**  
[72] DAVIS, HARRY H., US  
[71] L.B. PLASTICS LIMITED, GB  
[22] 2000-07-03  
[43] 2001-03-23  
[30] US (09/401,907) 1999-09-23

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[21] **2,321,246**  
[13] A1

[51] **Int.Cl. 7G06F 17/10 7H04L 9/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR GENERATING ELLIPTIC CURVE, ELLIPTIC CURVE CRYPTOSYSTEM AND RECORDING MEDIUM**  
[54] **METHODE ET APPAREIL POUR GENERER UNE COURBE ELLIPTIQUE, SYSTEME CRYPTOGRAPHIQUE DE COURBE ELLIPTIQUE ET SUPPORT D'ENREGISTREMENT**  
[72] OKEYA, KATSUYUKI, JP  
[71] HITACHI, LTD., JP  
[85] 2000-08-14  
[86] 1999-09-08 (PCT/JP99/04869)  
[87] 2001-03-08 ()

[21] **2,326,157**  
[13] A1

[51] **Int.Cl. 7B02C 17/22**  
[25] EN  
[54] **WEAR-RESISTANT SELF-REPLENISHING MAGNETIZED GRINDING MILL LINER**  
[54] **BLINDAGE MAGNETISE DE BROYEUR AUTO-ALIMENTE RESISTANT A L'USURE**  
[72] MILES, DAVID ROGER, CA  
[71] MILES, DAVID ROGER, CA  
[71] RAMPAGE VENTURES INC., GB  
[85] 2000-09-27  
[86] 1999-05-05 (PCT/CA99/00407)  
[87] 1999-11-11 (WO99/56879)  
[30] US (09/073,405) 1998-05-06

[21] **2,329,129**  
[13] A1

[51] **Int.Cl. 6A61K 48/00**  
[25] EN  
[54] **STABLE GENE PREPARATIONS PREPARATIONS GENIQUES STABLES**  
[72] NAGAHARA, SHUNJI, JP  
[72] SANO, AKIHIKO, JP  
[72] OCHIYA, TAKAHIRO, JP  
[72] TERADA, MASAOKI, JP  
[72] HISADA, AKIHIKO, JP  
[71] KOKEN CO., LTD., JP  
[71] SUMITOMO PHARMACEUTICALS COMPANY, LIMITED, JP  
[85] 2000-11-22  
[86] 1999-05-19 (PCT/JP99/02595)  
[87] 1999-12-02 (WO99/61063)  
[30] JP (10/141426) 1998-05-22

[21] **2,323,775**  
[13] A1

[51] **Int.Cl. 7H04M 15/28**  
[25] EN  
[54] **DEVICE FOR MONITORING THE DURATION OF UTILIZATION OF TELEPHONE LINE**  
[54] **DISPOSITIF CONTROLEUR DE LA DUREE D'UTILISATION DE LA LIGNE TELEPHONIQUE**  
[72] PAREJA FERREYROS, ENRIQUE, PE  
[71] PAREJA FERREYROS, ENRIQUE, PE  
[85] 2000-10-27  
[86] 1999-05-03 (PCT/MX99/00011)  
[87] 1999-11-11 (WO99/57881)  
[30] PE (00340,98) 1998-05-06

[21] **2,326,388**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7A61P 31/04 7A61K 39/09 7C12N 5/10 7C07K 16/12 7C12N 15/31 7C07K 14/315 7A61K 39/395 7C12N 15/63**  
[25] EN  
[54] **A POLYPEPTIDE COMPRISING THE AMINO ACID OF AN N-TERMINAL CHOLINE BINDING PROTEIN A TRUNCATE, VACCINE DERIVED THEREFROM AND USES THEREOF**  
[54] **POLYPEPTIDE COMPRENANT L'ACIDE AMINE D'UN PRODUIT TRONQUE DE LA PROTEINE A N-TERMINALE FIXANT LA CHOLINE, VACCIN DERIVE DE CE POLYPEPTIDE ET SES UTILISATIONS**  
[72] JOHNSON, LESLIE SYDNOR, US  
[72] KOENIG, SCOTT, US  
[72] TUOMANEN, ELAINE I., US  
[72] MASURE, H. ROBERT, US  
[72] WIZEMANN, THERESA M., US  
[71] MEDIMMUNE, INC., US  
[71] ST. JUDE CHILDREN'S RESEARCH HOSPITAL, US  
[85] 2000-10-06  
[86] 1999-04-07 (PCT/US99/07669)  
[87] 1999-10-14 (WO99/51188)  
[30] US (60/080,878) 1998-04-07  
[30] US (09/056,019) 1998-04-07

[21] **2,329,131**  
[13] A1

[51] **Int.Cl. 6C12P 21/00 6C12N 15/09 6C07K 1/14**  
[25] EN  
[54] **METHOD FOR RECOVERING SOLUBLE PROTEIN**  
[54] **PROCEDE DE RECUPERATION D'UNE PROTEINE SOLUBLE**  
[72] SHIMAMOTO, NOBUO, JP  
[71] HSP RESEARCH INSTITUTE INC., JP  
[85] 2000-11-23  
[86] 1999-05-17 (PCT/JP99/02574)  
[87] 1999-12-02 (WO99/61649)  
[30] JP (10/144758) 1998-05-26

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[21] **2,330,167**  
[13] A1

[51] **Int.Cl. 6C12N 1/21 6C12P 23/00 6C12N 5/10 6C12N 9/10 6C12N 15/53 6C12N 15/54 6C12N 15/61 6C12N 15/63 6C12Q 1/68**

[25] EN  
[54] **GENES OF CAROTENOID BIOSYNTHESIS AND METABOLISM AND METHODS OF USE THEREOF**  
[54] **GENES DE LA BIOSYNTHESE ET DU METABOLISME DU CAROTENOIDE ET TECHNIQUES D'UTILISATION**  
[72] CUNNINGHAM, FRANCIS, X., JR., US  
[72] SUN, ZAIREN, US  
[71] UNIVERSITY OF MARYLAND, US  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/US99/12121)  
[87] 1999-12-09 (WO99/63055)  
[30] US (09/088,724) 1998-06-02  
[30] US (09/088,725) 1998-06-02

[21] **2,330,210**  
[13] A1

[51] **Int.Cl. 6C12Q 1/37 6A61K 38/00 6G01N 33/50 6C12N 15/57 6G01N 33/68**

[25] EN  
[54] **PROTEASOMAL ACTIVITY**  
[54] **ACTIVITE DE PROTEASOMES**  
[72] NICOLAS, PAUL, FR  
[72] SCHMID, HANS-PETER, FR  
[72] PETIT, FRANCK, FR  
[72] GAUTIER, KARINE, FR  
[72] BADAOU, SALOUA, FR  
[72] MOUZEYAR, SAID, FR  
[72] KLOETZEL, PETER-MICHAEL, DE  
[72] JARROUSSE, ANNE-SOPHIE, FR  
[71] ZARPEX BIOSCIENCES LIMITED, GB  
[85] 2000-12-08  
[86] 1999-06-10 (PCT/GB99/01840)  
[87] 1999-12-23 (WO99/66065)  
[30] GB (9812756.6) 1998-06-13  
[30] GB (9812757.4) 1998-06-13  
[30] GB (9812758.2) 1998-06-13  
[30] GB (9812759.0) 1998-06-13  
[30] GB (9812760.8) 1998-06-13

[21] **2,330,240**  
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 39/12 6C07K 16/12 6A61K 38/16 6C07K 14/21 6A61K 39/40 6G01N 33/50 6G01N 33/68 6C12Q 1/68**

[25] EN  
[54] **MORAXELLA CATARRHALIS PILQ PROTEINS**  
[54] **NOUVEAUX COMPOSES**  
[72] VINALS Y DE BASSOLS, CARLOTA, BE  
[72] RUELLE, JEAN-LOUIS, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-12-04  
[86] 1999-05-31 (PCT/EP99/03823)  
[87] 1999-12-16 (WO99/64448)  
[30] GB (9812163.5) 1998-06-05

[21] **2,330,246**  
[13] A1

[51] **Int.Cl. 6G01N 33/569 6C07K 14/01 6C07K 14/35**

[25] EN  
[54] **A METHOD OF IDENTIFYING LIGANDS TO RNA POLYMERASE SIGMA 70 SUBUNIT**  
[54] **PROCEDE D'IDENTIFICATION DE LIGANDS DE LA SOUS-UNITE SIGMA (70) DE L'ARN POLYMERASE**  
[72] BALGANESH, TANJORE, IN  
[72] RAMACHANDRAN, VASANTHI, IN  
[72] SHARMA, UMENDER, IN  
[71] ASTRAZENECA AB, SE  
[85] 2000-12-08  
[86] 1999-06-07 (PCT/SE99/00979)  
[87] 1999-12-16 (WO99/64866)  
[30] IN (1239/MAS/98) 1998-06-09  
[30] SE (9802573-7) 1998-07-17

[21] **2,330,394**  
[13] A1

[51] **Int.Cl. 6C12N 9/42 6D06M 16/00 6C11D 3/386**

[25] EN  
[54] **LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS COMPRISING A MODIFIED CELLULASE**  
[54] **COMPOSITIONS DE DETERGENT A LESSIVE ET/OU D'ENTRETIEN DE TISSU CONTENANT UNE CELLULASE MODIFIEE**  
[72] SMETS, JOHAN, BE  
[72] BOYER, STANTON LANE, US  
[72] BUSCH, ALFRED, BE  
[72] BETTIOL, JEAN-LUC PHILIPPE, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-10-26  
[86] 1999-04-30 (PCT/US99/09481)  
[87] 1999-11-11 (WO99/57260)  
[30] US (PCT/US/98/08903) 1998-05-01

[21] **2,330,542**  
[13] A1

[51] **Int.Cl. 6C12N 15/10 6C12N 5/10 6A61K 38/17 6C07K 16/18 6C12N 1/21 6C07K 14/47 6C12N 15/63 6C12Q 1/68**

[25] EN  
[54] **HUMAN ARF-RELATED PROTEINS**  
[54] **PROTEINES APPARENTEES AUX ARF HUMAINES**  
[72] HILLMAN, JENNIFER L., US  
[72] GUEGLER, KARL J., US  
[72] BANDMAN, OLGA, US  
[72] PATTERSON, CHANDRA, US  
[72] CORLEY, NEIL C., US  
[72] YUE, HENRY, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-12-07  
[86] 1999-06-11 (PCT/US99/13270)  
[87] 1999-12-29 (WO99/67377)  
[30] US (09/103,359) 1998-06-23

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| <p style="text-align: right;">[21] <b>2,330,659</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 35/78</b><br/>[25] EN<br/>[54] <b>TREATMENT OF ARTHRITIS AND OTHER SIMILAR CONDITIONS</b><br/>[54] <b>TRAITEMENT DE L'ARTHRITE ET D'AUTRES TROUBLES SIMILAIRES</b><br/>[72] HULL, PETER HUGH, AU<br/>[71] HULL, PETER HUGH, AU<br/>[85] 2000-10-30<br/>[86] 1999-06-01 (PCT/AU99/00426)<br/>[87] 1999-12-09 (WO99/62528)<br/>[30] AU (PP 3796) 1998-06-01</p>   | <p style="text-align: right;">[21] <b>2,331,258</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/38 6C07K 14/05 6A61K 39/245 6C12N 15/63</b><br/>[25] EN<br/>[54] <b>ENHANCEMENT OF B CELL ACTIVATION AND IMMUNOGLOBULIN SECRETION BY CO-STIMULATION OF RECEPTORS FOR ANTIGEN AND EBV GP350/220</b><br/>[54] <b>AUGMENTATION DE L'ACTIVATION DES CELLULES B ET DE LA SECRETION D'IMMUNOGLOBULINE PAR CO-STIMULATION DE RECEPTEURS DE L'ANTIGENE ET D'EBV GP350/220</b><br/>[72] MOND, JAMES J., US<br/>[72] LEES, ANDREW, US<br/>[71] HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, US<br/>[85] 2000-12-12<br/>[86] 1999-06-10 (PCT/US99/13113)<br/>[87] 1999-12-16 (WO99/64603)<br/>[30] US (60/089,158) 1998-06-12</p> | <p style="text-align: right;">[21] <b>2,331,263</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C12N 15/00</b><br/>[25] EN<br/>[54] <b>EVOLUTION OF WHOLE CELLS AND ORGANISMS BY RECURSIVE SEQUENCE RECOMBINATION</b><br/>[54] <b>EVOLUTION DE CELLULES ET D'ORGANISMES ENTIERS PAR RECOMBINAISON RECURSIVE DE SEQUENCES</b><br/>[72] SUBRAMANIAN, VENKITESWATAN, US<br/>[72] NESS, JON E., US<br/>[72] TOBIN, MATTHEW, US<br/>[72] STEMMER, WILLEM, P. C., US<br/>[72] DEL CARDAYRE, STEPHEN, US<br/>[72] MINSHULL, JEREMY, US<br/>[72] COX, TONY, US<br/>[72] HUISMAN, GJALT, US<br/>[72] AFFHOLTER, JOSEPH A., US<br/>[72] YUAN, LING, US<br/>[72] CASTLE, LINDA A., US<br/>[72] KREBBER, CLAUS M., US<br/>[72] PATTEN, PHILLIP A., US<br/>[72] ZHANG, YING-XIN, US<br/>[72] BASS, STEVE, US<br/>[71] MAXYGEN, INC., US<br/>[85] 2000-12-15<br/>[86] 1999-07-15 (PCT/US99/15972)<br/>[87] 2000-01-27 (W000/04190)<br/>[30] US (09/116,188) 1998-07-15</p> |
| <p style="text-align: right;">[21] <b>2,331,253</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 5/10 6C12N 1/19 6C07K 16/28 6C12N 15/62 6C07K 14/705</b><br/>[25] EN<br/>[54] <b>IMMUNOMODULATOR POLYPEPTIDE, ZSIG57</b><br/>[54] <b>POLYPEPTIDE IMMUNOMODULATEUR ZSIG57</b><br/>[72] SHEPPARD, PAUL O., US<br/>[71] ZYMOGENETICS, INC., US<br/>[85] 2000-12-18<br/>[86] 1999-05-20 (PCT/US99/11337)<br/>[87] 1999-12-23 (WO99/66040)<br/>[30] US (09/099,600) 1998-06-18</p>                           | <p style="text-align: right;">[21] <b>2,331,260</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/00</b><br/>[25] EN<br/>[54] <b>METHOD AND KIT FOR DETECTING RESISTANCE TO ANTIVIRAL DRUGS</b><br/>[54] <b>PROCEDE ET NECESSAIRE DE DETECTION DE LA RESISTANCE A DES MEDICAMENTS ANTIVIRAUX</b><br/>[72] YAMAMOTO, SHINJI, JP<br/>[72] FOLKS, THOMAS M., US<br/>[72] SWITZER, WILLIAM M., US<br/>[72] HENEINE, WALID M., US<br/>[72] LERMA, GERARDO GARCIA, US<br/>[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC, US<br/>[85] 2000-12-19<br/>[86] 1999-06-18 (PCT/US99/13957)<br/>[87] 1999-12-23 (WO99/66068)<br/>[30] US (60/090,051) 1998-06-19</p>  | <p style="text-align: right;">[21] <b>2,331,266</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07H 21/04 6C07K 14/435 6G01N 33/52 6C12Q 1/68</b><br/>[25] EN<br/>[54] <b>EXONS 4 AND 7 ENCODE SEPARATE TRANSACTIVATING AND CHROMATIN LOCALIZING DOMAINS IN ESX</b><br/>[54] <b>LES EXONS 4 ET 7 CODENT POUR DES DOMAINES DISTINCTS DE TRANSACTIVATION ET DE LOCALISATION DE LA CHROMOTINE DANS LE FACTEUR ESX</b><br/>[72] CHANG, CHUAN-HSIUNG, US<br/>[72] SCOTT, GARY K., US<br/>[72] BENZ, CHRISTOPHER C., US<br/>[72] CHAO, YESU, US<br/>[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US<br/>[85] 2000-12-15<br/>[86] 1999-06-15 (PCT/US99/13277)<br/>[87] 1999-12-23 (WO99/65929)<br/>[30] US (60/089,409) 1998-06-16<br/>[30] US (09/289,535) 1999-04-09</p>   |
| <p style="text-align: right;">[21] <b>2,331,254</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68</b><br/>[25] EN<br/>[54] <b>METHODS FOR THE DETECTION OF NUCLEIC ACIDS</b><br/>[54] <b>METHODES POUR DETECTER DES ACIDES NUCLEIQUES</b><br/>[72] DALEY, GEORGE Q., US<br/>[72] LAPIDUS, STANLEY N., US<br/>[72] SHUBER, ANTHONY P., US<br/>[71] EXACT LABORATORIES, INC., US<br/>[85] 2000-12-15<br/>[86] 1999-06-16 (PCT/US99/13630)<br/>[87] 1999-12-23 (WO99/66077)<br/>[30] US (09/098,180) 1998-06-16</p> | <p style="text-align: right;">[21] <b>2,331,254</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68</b><br/>[25] EN<br/>[54] <b>METHODS FOR THE DETECTION OF NUCLEIC ACIDS</b><br/>[54] <b>METHODES POUR DETECTER DES ACIDES NUCLEIQUES</b><br/>[72] DALEY, GEORGE Q., US<br/>[72] LAPIDUS, STANLEY N., US<br/>[72] SHUBER, ANTHONY P., US<br/>[71] EXACT LABORATORIES, INC., US<br/>[85] 2000-12-15<br/>[86] 1999-06-16 (PCT/US99/13630)<br/>[87] 1999-12-23 (WO99/66077)<br/>[30] US (09/098,180) 1998-06-16</p>  | <p style="text-align: right;">[21] <b>2,331,266</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07H 21/04 6C07K 14/435 6G01N 33/52 6C12Q 1/68</b><br/>[25] EN<br/>[54] <b>EXONS 4 AND 7 ENCODE SEPARATE TRANSACTIVATING AND CHROMATIN LOCALIZING DOMAINS IN ESX</b><br/>[54] <b>LES EXONS 4 ET 7 CODENT POUR DES DOMAINES DISTINCTS DE TRANSACTIVATION ET DE LOCALISATION DE LA CHROMOTINE DANS LE FACTEUR ESX</b><br/>[72] CHANG, CHUAN-HSIUNG, US<br/>[72] SCOTT, GARY K., US<br/>[72] BENZ, CHRISTOPHER C., US<br/>[72] CHAO, YESU, US<br/>[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US<br/>[85] 2000-12-15<br/>[86] 1999-06-15 (PCT/US99/13277)<br/>[87] 1999-12-23 (WO99/65929)<br/>[30] US (60/089,409) 1998-06-16<br/>[30] US (09/289,535) 1999-04-09</p>   |



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[21] **2,331,327**  
[13] A1  
[51] **Int.Cl. 6C12N 15/52 6A01H 5/00**  
**6C07K 16/40 6C12N 15/53 6C12N 15/54**  
**6C12N 15/55 6C12N 15/60 6C12N 15/82**  
[25] EN  
[54] **MATERIALS AND METHODS FOR**  
**THE ALTERATION OF ENZYME AND**  
**ACETYL COA LEVELS IN PLANTS**  
[54] **MATERIAUX ET PROCEDES**  
**PERMETTANT D'ALTERER LES**  
**NIVEAUX D'ENZYMES ET**  
**D'ACETYLE COA CHEZ LES PLANTES**  
[72] FATLAND, BETH, US  
[72] ALLRED, CAROLYN C., US  
[72] JOHNSON, JERRY L., US  
[72] SCHNABLE, PATRICK S., US  
[72] KE, JINSHAN, US  
[72] WURTELE, EVE S., US  
[72] LUTZIGER, ISABELLE, US  
[72] BEHAL, ROBERT, US  
[72] OLIVER, DAVID J., US  
[72] NIKOLAU, BASIL J., US  
[72] WEN, TSUI-JUNG, US  
[71] IOWA STATE UNIVERSITY  
RESEARCH FOUNDATION, INC., US  
[85] 2000-12-27  
[86] 1999-06-25 (PCT/US99/14382)  
[87] 2000-01-06 (WO00/00619)  
[30] US (60/090,717) 1998-06-26

[21] **2,331,368**  
[13] A1  
[51] **Int.Cl. 6C12N 15/40 6A61K 48/00**  
[25] EN  
[54] **NUCLEIC ACID VACCINES FOR**  
**PREVENTION OF FLAVIVIRUS**  
**INFECTION**  
[54] **VACCINS A BASE D'ACIDES**  
**NUCLEIQUES DESTINES A LA**  
**PREVENTION DE L'INFECTION PAR**  
**FLAVIVIRUS**  
[72] CHANG, GWONG-JEN J., US  
[71] THE GOVERNMENT OF THE  
UNITED STATES OF AMERICA AS  
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[85] 2000-12-01  
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[87] 1999-12-09 (WO99/63095)  
[30] US (60/087,908) 1998-06-04

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[51] **Int.Cl. 6C12N 15/53 6C12N 9/02**  
**6C07K 16/40 6A61K 38/44 6C12Q 1/68**  
[25] EN  
[54] **HUMAN OXIDOREDUCTASE**  
**PROTEINS**  
[54] **PROTEINES OXYDOREDUCTASE**  
**HUMAINES**  
[72] TANG, Y. TOM, US  
[72] GORGONE, GINA A., US  
[72] GUEGLER, KARL J., US  
[72] BAUGHN, MARIAH R., US  
[72] HILLMAN, JENNIFER L., US  
[72] CORLEY, NEIL C., US  
[72] LAL, PREETI, US  
[72] BANDMAN, OLGA, US  
[71] INCYTE PHARMACEUTICALS, INC.,  
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[85] 2000-12-13  
[86] 1999-06-29 (PCT/US99/14711)  
[87] 2000-01-06 (WO00/00622)  
[30] US (60/091,177) 1998-06-30  
[30] US (60/155,241) 1998-07-16

[21] **2,331,384**  
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[51] **Int.Cl. 6C12N 15/87 6A61K 48/00**  
**6C07K 19/00 6C07K 14/005 6C12N 7/01**  
**6C07K 7/08 6C12N 5/10 6C12N 1/21**  
**6A61K 35/66**  
[25] EN  
[54] **NUCLEIC ACID TRANSFER**  
**PHAGE**  
[54] **PHAGE DE TRANSFERT D'ACIDE**  
**NUCLEIQUE**  
[72] YOKOI, HARUHIKO, JP  
[72] AKUTA, TERUO, JP  
[72] OKUYAMA, HAJIME, JP  
[72] NAKANISHI, MAHITO, JP  
[72] HASEGAWA, MAMORU, JP  
[72] TAKEDA, KATSUO, JP  
[71] DNAVEC RESEARCH INC., JP  
[85] 2000-12-15  
[86] 1999-06-18 (PCT/JP99/03272)  
[87] 1999-12-23 (WO99/66061)  
[30] JP (10/189845) 1998-06-18

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[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C12N 15/11**  
**6A61K 38/17 6C07K 16/18 6C07K 14/47**  
**6G01N 33/68 6C12Q 1/68**  
[25] EN  
[54] **HUMAN SIGNAL PEPTIDE-**  
**CONTAINING PROTEINS**  
[54] **PROTEINES CONTENANT UN**  
**PEPTIDE SIGNAL HUMAIN**  
[72] LAL, PREETI, US  
[72] TANG, Y. TOM, US  
[72] CORLEY, NEIL C., US  
[72] GORGONE, GINA A., US  
[72] AKERBLOM, INGRID E., US  
[72] BAUGHN, MARIAH R., US  
[72] YUE, HENRY, US  
[72] AU-YOUNG, JANICE, US  
[72] GUEGLER, KARL J., US  
[72] HILLMAN, JENNIFER L., US  
[72] BANDMAN, OLGA, US  
[72] PATTERSON, CHANDRA, US  
[72] REDDY, ROOPA, US  
[71] INCYTE PHARMACEUTICALS, INC.,  
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[85] 2000-12-20  
[86] 1999-06-25 (PCT/US99/14484)  
[87] 2000-01-06 (WO00/00610)  
[30] US (60/090,762) 1998-06-26  
[30] US (60/094,983) 1998-07-31  
[30] US (60/102,686) 1998-10-01  
[30] US (60/112,129) 1998-12-11

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[13] A1  
[51] **Int.Cl. 7C12N 15/56 7C12N 9/24**  
**7C12N 15/62**  
[25] EN  
[54] **CONIOTHYRIUM MINITANS**  
**XYLANASE GENE CXY1**  
[54] **GENE XYLANASE CXY1 DE**  
**CONIOTHYRIUM MINITANS**  
[72] LAROCHE, ANDRE J., CA  
[72] HUANG, TIMOTHY YIKAI, CA  
[72] FRICK, MICHELE M., CA  
[72] HUANG, HUNG CHANG, CA  
[72] LU, ZHEN-XIANG, CA  
[72] CHENG, KUO JOAN, CA  
[71] HER MAJESTY THE QUEEN IN  
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[87] 2000-11-23 (WO00/70063)  
[30] US (09/311,170) 1999-05-13

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[13] A1

[51] **Int.Cl. 6C12N 15/82 6C12N 5/10 6C12N 15/29**  
[25] EN  
[54] **INDUCIBLE PROMOTERS**  
[54] **PROMOTEURS INDUCTIBLES**  
[72] DRAPER, JOHN, GB  
[72] DARBY, ROBERT, GB  
[72] PAUL, WYATT, GB  
[72] KENTON, PAUL, GB  
[71] BIOGEMMA UK LIMITED, GB  
[85] 2000-12-19  
[86] 1999-06-21 (PCT/GB99/01949)  
[87] 1999-12-23 (WO99/66057)  
[30] GB (9813345.7) 1998-06-19

[21] **2,331,885**  
[13] A1

[51] **Int.Cl. 7A61K 31/35 7C12N 5/06**  
[25] EN  
[54] **VASCULOPROTECTOR**  
[54] **VASCULOPROTECTEUR**  
[72] HAYRY, PEKKA, FI  
[72] GUSTAFSSON, JAN-AKE, SE  
[72] MAKELA, SARI, FI  
[71] KARO BIO AB, SE  
[85] 2000-12-22  
[86] 1999-07-06 (PCT/GB99/02157)  
[87] 2000-01-13 (WO00/01716)  
[30] GB (9814620.2) 1998-07-06

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[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/28 7G01N 33/53 7G01N 33/68 7C12Q 1/68 7C07K 14/705**  
[25] EN  
[54] **14273 RECEPTOR, A G-PROTEIN COUPLED RECEPTOR**  
[54] **RECEPTEUR 14273, RECEPTEUR COUPLE A UNE PROTEINE G**  
[72] TSAI, FONG-YING, US  
[72] GLUCKSMANN, MARIA ALEXANDRA, US  
[71] MILLENNIUM PHARMACEUTICALS, INC., US  
[85] 2000-12-21  
[86] 1999-06-30 (PCT/US99/14842)  
[87] 2000-01-06 (WO00/00611)  
[30] US (09/107,761) 1998-06-30  
[30] US (09/223,538) 1998-12-30  
[30] US (09/261,599) 1999-02-26

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[13] A1

[51] **Int.Cl. 6C12N 15/11 6C07K 16/28 6C07K 14/705**  
[25] EN  
[54] **NOVEL GABA-B RECEPTOR**  
[54] **RECEPTEUR GABA-B**  
[72] HERZOG, HERBERT, AU  
[71] GARVAN INSTITUTE OF MEDICAL RESEARCH, AU  
[85] 2000-12-18  
[86] 1999-06-29 (PCT/AU99/00524)  
[87] 2000-01-06 (WO00/00602)  
[30] AU (PP 4384) 1998-06-29

[21] **2,331,888**  
[13] A1

[51] **Int.Cl. 6C07K 14/31 6A61K 38/16**  
[25] EN  
[54] **NOVEL STAPHYLOCOCCUS PEPTIDES FOR BACTERIAL INTERFERENCE**  
[54] **NOUVEAUX PEPTIDES DE STAPHYLOCOQUES UTILISES POUR DES INTERFERENCES BACTERIENNES**  
[72] BEAVIS, RONALD, US  
[72] JI, GUANGYONG, US  
[72] MUIR, TOM W., US  
[72] NOVICK, RICHARD P., US  
[72] MAYVILLE, PATRICIA, US  
[71] NEW YORK UNIVERSITY, US  
[71] THE ROCKEFELLER UNIVERSITY, US  
[85] 2000-12-22  
[86] 1999-06-24 (PCT/US99/14562)  
[87] 1999-12-29 (WO99/67286)  
[30] US (09/103,438) 1998-06-24

[21] **2,331,889**  
[13] A1

[51] **Int.Cl. 6C12N 15/54 6A61K 35/00 6C12N 15/11 6C12N 9/12 6C07K 16/40 6C12Q 1/48 6G01N 33/50 6C12Q 1/68**  
[25] EN  
[54] **NEK-RELATED AND BUB1-RELATED PROTEIN KINASES**  
[54] **KINASES EN RAPPORT AVEC NEK ET AVEC BUB1**  
[72] MARTINEZ, RICARDO, US  
[72] ZHU, YINGFANG, US  
[72] PLOWMAN, GREGORY, US  
[71] SUGEN, INC., US  
[85] 2000-12-15  
[86] 1999-06-15 (PCT/US99/13533)  
[87] 1999-12-23 (WO99/66051)  
[30] US (60/089,520) 1998-06-16  
[30] US (60/098,265) 1998-08-28

[21] **2,331,890**  
[13] A1

[51] **Int.Cl. 6C12N 5/08**  
[25] EN  
[54] **METHOD AND MEDIUM FOR IN VITRO CULTURE OF HUMAN EMBRYOS**  
[54] **PROCEDE ET MILIEU POUR LA CULTURE IN VITRO D'EMBRYONS HUMAINS**  
[72] ROBERTSON, SARAH, AU  
[72] WIKLAND, MATTS F., SE  
[72] SJOBLOM, CECILIA, SE  
[71] LUMINIS PTY. LTD., AU  
[71] FERTILITESCENTRUM AB, SE  
[85] 2000-12-19  
[86] 1999-06-18 (PCT/AU99/00499)  
[87] 1999-12-29 (WO99/67364)  
[30] AU (PP 4212) 1998-06-19

[21] **2,331,917**  
[13] A1

[51] **Int.Cl. 6C12N 15/10 6C07K 16/00 6C07K 19/00 6C12N 15/12 6C12N 15/13 6C07K 14/435 6C12N 15/62**  
[25] EN  
[54] **NOVEL METHOD FOR ISOLATING GENE**  
[54] **NOUVEAU PROCEDE D'ISOLATION DE GENE**  
[72] OHTOMO, TOSHIHIKO, JP  
[72] TSUCHIYA, MASAYUKI, JP  
[72] SAITO, MIKIYOSHI, JP  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
[85] 2000-11-14  
[86] 1999-04-30 (PCT/JP99/02341)  
[87] 1999-11-25 (WO99/60113)  
[30] JP (10/138652) 1998-05-20  
[30] JP (10/279876) 1998-10-01

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[51] **Int.Cl. 6C12N 15/54 6C12N 9/12 6C12Q 1/48 6C12Q 1/68**  
[25] EN  
[54] **HCV-DERIVED RNA POLYMERASE GENE**  
[54] **GENE DE L'ARN POLYMERASE DERIVE DU VIRUS DE L'HEPATITE C**  
[72] TOYODA, TETSUYA, JP  
[72] KOHARA, MICHINORI, JP  
[72] TSUCHIYA, MASAYUKI, JP  
[72] KOHARA, KYOKO, JP  
[72] HIGASHI, KAZUHIRO, JP  
[71] INTERNATIONAL REAGENTS CORPORATION, JP  
[71] TOYODA, TETSUYA, JP  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
[85] 2000-12-20  
[86] 1999-06-24 (PCT/JP99/03381)  
[87] 1999-12-29 (WO99/67396)  
[30] JP (10/177817) 1998-06-24

[21] **2,331,921**  
[13] A1

[51] **Int.Cl. 6C12N 15/13 6C07K 16/18 6C07K 14/435 6C12N 15/82**  
[25] EN  
[54] **INVERTEBRATE INTESTINAL MUCINS, CDNAS, ANTIBODIES AND THEIR USE**  
[54] **NOUVEL ADNC MUCIN INTESTINAL DES INVERTEBRES ET PRODUITS ET PROCEDES CORRESPONDANTS**  
[72] GRANADOS, ROBERT R., US  
[72] WANG, PING, US  
[71] BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., US  
[85] 2000-12-21  
[86] 1999-06-23 (PCT/US99/14220)  
[87] 1999-12-29 (WO99/67373)  
[30] US (09/103,429) 1998-06-24  
[30] US (09/294,663) 1999-04-19

[21] **2,332,126**  
[13] A1

[51] **Int.Cl. 6C12N 15/19 6C12N 5/10 6A61K 38/19 6C12N 15/79**  
[25] EN  
[54] **A NOVEL HUMAN THROMBOPOIETIN MUTEIN**  
[54] **NOUVELLE MUTEINE DE TRHOMBOPOIETINE HUMAINE**  
[72] LIM, SEUNG WOOK, KR  
[72] AHN, HYE A KYUNG, KR  
[72] JU, SANG MYOUNG, KR  
[72] CHUNG, JOO YOUNG, KR  
[72] PARK, SANG KYU, KR  
[72] PARK, SEUNG KOOK, KR  
[72] CHANG, WOO IK, KR  
[72] KOH, YEO WOOK, KR  
[72] PARK, JI SOO, KR  
[71] DAEWOONG PHARMACEUTICAL CO., LTD., KR  
[85] 2000-12-21  
[86] 1999-06-30 (PCT/KR99/00347)  
[87] 2000-01-06 (WO00/00612)  
[30] KR (199825935) 1998-06-30  
[30] KR (199925143) 1999-06-29

[21] **2,332,307**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 35/00 7C12N 15/11 7A61K 38/17 7C07K 16/28 7A61K 39/395 7G01N 33/68 7C12Q 1/68 7A61K 31/70 7C07K 14/705**  
[25] EN  
[54] **HUMAN TRANSPORT PROTEIN HOMOLOGS**  
[54] **HOMOLOGUES DE PROTEINE HUMAINE DE TRANSPORT**  
[72] YUE, HENRY, US  
[72] HILLMAN, JENNIFER L., US  
[72] AZIMZAI, YALDA, US  
[72] CORLEY, NEIL C., US  
[72] REDDY, ROOPA M., US  
[72] GORGONE, GINA A., US  
[72] BAUGHN, MARIAH R., US  
[72] PATTERSON, CHANDRA, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-01-09  
[86] 1999-07-08 (PCT/US99/15482)  
[87] 2000-01-20 (WO00/03015)  
[30] US (09/113,427) 1998-07-10

[21] **2,332,308**  
[13] A1

[51] **Int.Cl. 6C07C 45/41 6C07D 301/03 6C07D 311/74**  
[25] EN  
[54] **METHOD OF VITAMIN PRODUCTION**  
[54] **PROCEDE DE PRODUCTION DE VITAMINES**  
[72] HYATT, JOHN A., US  
[72] SAUCY, GABRIEL G., US  
[72] MILLIS, JAMES R., US  
[72] MAURINA-BRUNKER, JULIE, US  
[72] MCMULLIN, THOMAS W., US  
[71] DCV, INC. DOING BUSINESS AS BIO-TECHNICAL RESEARCH, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 2001-01-03  
[86] 1999-07-06 (PCT/US99/15262)  
[87] 2000-01-13 (WO00/01649)  
[30] US (60/091,868) 1998-07-06

[21] **2,332,447**  
[13] A1

[51] **Int.Cl. 6H04L 9/00**  
[25] EN  
[54] **REGULATING ACCESS TO DIGITAL CONTENT**  
[54] **REGULATION D'ACCES A UN CONTENU NUMERIQUE**  
[72] PATTERSON, PATRICK E., US  
[71] DESKGATE TECHNOLOGIES, INC., US  
[85] 2000-11-15  
[86] 1999-05-14 (PCT/US99/10686)  
[87] 1999-11-25 (WO99/60458)  
[30] US (09/079,545) 1998-05-15

[21] **2,332,449**  
[13] A1

[51] **Int.Cl. 7G02F 1/01 7G09F 9/30**  
[25] EN  
[54] **DISPLAY DEVICE AND METHOD FOR VISUALIZING COMPUTER GENERATED IMAGE INFORMATION**  
[54] **DISPOSITIF ET PROCEDE POUR LA VISUALISATION DE DONNEES IMAGES ELABOREES PAR ORDINATEUR**  
[72] REMLING, ANDREAS, SE  
[72] LARSSON, OVE, SE  
[72] FRIES, HENRIK, SE  
[72] BYSTROM, MATTIAS, SE  
[72] LUNDBERG, HAKAN, SE  
[71] ARRAY DISPLAY AB, DE  
[85] 2000-11-15  
[86] 1999-05-17 (PCT/SE99/00841)  
[87] 1999-11-25 (WO99/60550)  
[30] US (09/079,659) 1998-05-15

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[13] A1

[51] **Int.Cl. 6A23D 7/00 6C11C 3/12 6A23L 1/30 6A61K 31/575**  
[25] EN  
[54] **ESTERIFIED AND SUBSEQUENTLY HYDROGENATED PHYTOSTEROL COMPOSITIONS AND USE THEREOF IN FOODS, BEVERAGES, PHARMACEUTICALS, NUTRACEUTICALS AND THE LIKE**  
[54] **COMPOSITIONS DE PHYTOSTEROL ESTERIFIE ET HYDROGENE ET LEUR UTILISATION DANS DES DENREES ALIMENTAIRES, DES BOISSONS, DES PRODUITS PHARMACEUTIQUES, DES ALIMENTS FONCTIONNELS ET ANALOGUE**  
[72] ZAWISTOWSKI, JERZY, CA  
[72] MILANOVA, RADKA K., CA  
[72] STEWART, DAVID JOHN, CA  
[72] WALLIS, SIMON HOWARD, CA  
[71] FORBES MEDI-TECH INC., CA  
[85] 2000-11-15  
[86] 1999-05-14 (PCT/CA99/00402)  
[87] 1999-11-25 (WO99/59421)  
[30] US (09/079,825) 1998-05-15

[21] **2,332,453**  
[13] A1

[51] **Int.Cl. 7A61F 2/38**  
[25] EN  
[54] **JELLYBEAN KNEE JOINT IMPROVEMENT)**  
[54] **PROTHESE DE GENOU AMELIOREE**  
[72] WALKER, PETER STANLEY, GB  
[71] WALKER, PETER STANLEY, GB  
[85] 2000-11-15  
[86] 1999-10-14 (PCT/GB99/03407)  
[87] 2000-04-27 (WO00/23011)  
[30] GB (9822711.9) 1998-10-16  
[30] GB (9901331.0) 1999-01-21

[21] **2,332,454**  
[13] A1

[51] **Int.Cl. 6F16K 7/04**  
[25] EN  
[54] **INVERTING SPRING ASSEMBLY**  
[54] **ENSEMBLE RESSORT D'INVERSION**  
[72] ZERFAS, GERALD B., US  
[71] ZERFAS, GERALD B., US  
[85] 2000-11-15  
[86] 1999-05-25 (PCT/US99/11533)  
[87] 1999-12-02 (WO99/61825)  
[30] US (60/086,896) 1998-05-27

[21] **2,332,455**  
[13] A1

[51] **Int.Cl. 6A61K 39/00 6A61K 39/145 6A61K 9/16 6A61K 47/36**  
[25] EN  
[54] **USE OF HYALURONIC ACID POLYMERS FOR MUCOSAL DELIVERY OF VACCINE ANTIGENS AND ADJUVANTS**  
[54] **UTILISATION DE POLYMERES D'ACIDE HYALURONIQUE POUR UNE ADMINISTRATION PAR LES MUQUEUSES D'ANTIGENES VACCINAUX**  
[72] PAVESIO, ALESSANDRA, IT  
[72] O'HAGAN, DEREK, US  
[71] CHIRON CORPORATION, US  
[72] FIDIA ADVANCED BIOPOLYMERS SRL, IT  
[85] 2000-11-15  
[86] 1999-05-28 (PCT/US99/12105)  
[87] 1999-12-09 (WO99/62546)  
[30] US (60/087,596) 1998-06-01

[21] **2,332,456**  
[13] A1

[51] **Int.Cl. 6H01Q 11/08**  
[25] EN  
[54] **ANTENNA DEVICE COMPRISING FEEDING MEANS AND A HAND-HELD RADIO COMMUNICATION DEVICE FOR SUCH ANTENNA DEVICE**  
[54] **DISPOSITIF A ANTENNE D'ALIMENTATION ET DISPOSITIF DE COMMUNICATION RADIO A MAIN DESTINE A UN TEL DISPOSITIF A ANTENNE**  
[72] BOUSQUET, THIERRY, FR  
[72] BOHANNAN, RICHARD, SE  
[72] EDVARDSSON, OLOV, SE  
[71] ALLGON AB, SE  
[85] 2000-11-15  
[86] 1999-05-17 (PCT/SE99/00838)  
[87] 1999-11-25 (WO99/60663)  
[30] SE (9801753-6) 1998-05-18

[21] **2,332,459**  
[13] A1

[51] **Int.Cl. 6C07D 235/06 6C07D 401/06 6C07D 403/06 6C07D 209/08 6C07D 401/14 6A61K 31/40 6A61K 31/41 6A61K 31/445**  
[25] EN  
[54] **HETEROCYCLIC COMPOUNDS AND METHODS TO TREAT CARDIAC FAILURE AND OTHER DISORDERS**  
[54] **COMPOSES HETEROCYCLIQUES ET METHODES DE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE ET AUTRES TROUBLES**  
[72] MAVUNKEL, BABU J., US  
[72] LIU, DAVID Y., US  
[72] SCHREINER, GEORGE F., US  
[72] PERUMATTAM, JOHN J., US  
[72] LEWICKI, JOHN A., US  
[71] SCIOS INC., US  
[85] 2000-11-15  
[86] 1999-05-21 (PCT/US99/11222)  
[87] 1999-12-02 (WO99/61426)  
[30] US (60/086,531) 1998-05-22  
[30] US (09/128,137) 1998-08-03  
[30] US (09/275,176) 1999-03-24

[21] **2,332,462**  
[13] A1

[51] **Int.Cl. 6A61K 31/22 6A61K 31/15 6A61K 31/165 6A61K 31/18 6A61K 31/40 6A61K 31/47**  
[25] EN  
[54] **ARYL NITRONE THERAPEUTICS FOR THE TREATMENT OF INFLAMMATORY BOWEL DISEASE**  
[54] **MEDICAMENT A BASE D'ARYLNITRONE, DESTINE AU TRAITEMENT DES AFFECTIONS INFLAMMATOIRES DE L'INTESTIN**  
[72] GREENWOOD-VAN MEERVELD, BEVERLY, US  
[72] IRWIN, IAN, US  
[72] FLITTER, WILLIAM D., US  
[72] GARLAND, WILLIAM A., US  
[71] CENTAUR PHARMACEUTICALS, INC., US  
[85] 2000-11-15  
[86] 1999-05-18 (PCT/US99/10442)  
[87] 1999-11-25 (WO99/59576)  
[30] US (60/085,961) 1998-05-19

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[21] **2,332,463**  
[13] A1

[51] **Int.Cl. 6H01Q 11/08**  
[25] EN  
[54] **AN ANTENNA SYSTEM AND A RADIO COMMUNICATION DEVICE INCLUDING AN ANTENNA SYSTEM**  
[54] **SYSTEME A ANTENNE ET DISPOSITIF DE COMMUNICATION RADIO COMPORTANT UN SYSTEME A ANTENNE**  
[72] BARONE, GIANNI, IT  
[72] EDVARDSSON, OLLE, SE  
[72] NOREN, PER, SE  
[72] BOHANNAN, RICHARD, SE  
[71] ALLGON AB, SE  
[85] 2000-11-15  
[86] 1999-05-17 (PCT/SE99/00839)  
[87] 1999-11-25 (WO99/60664)  
[30] SE (9801754-4) 1998-05-18

[21] **2,332,564**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C11D 3/33 7C11D 3/386 7C07K 14/81**  
[25] EN  
[54] **STABILIZED VARIANTS OF STREPTOMYCES SUBTILISIN INHIBITOR**  
[54] **VARIANTS STABILISES D'INHIBITEUR DE SUBTILISINE DE STREPTOMYCES**  
[72] SAUNDERS, CHARLES WINSTON, US  
[72] RUBINGH, DONN NELTON, US  
[72] BAUER, MARK DONALD, US  
[72] CORREA, PAUL ELLIOTT, US  
[72] SUN, YIPING, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-02  
[86] 1999-07-07 (PCT/US99/15246)  
[87] 2000-01-13 (WO00/01826)  
[30] US (60/091,911) 1998-07-07

[21] **2,332,568**  
[13] A1

[51] **Int.Cl. 6C07K 7/06 6C12P 21/02 6A61K 38/08 6C12N 5/10 6C12N 15/12 6A61K 35/14 6C07K 16/18**  
[25] EN  
[54] **TUMOR ANTIGEN PEPTIDE ORIGINATING IN SART-1**  
[54] **PEPTIDE ANTIGENE TUMORAL PRODUIT DANS LE SART-1**  
[72] ITOH, KYOGO, JP  
[72] NAKAO, MASANOBU, JP  
[71] ITOH, KYOGO, JP  
[85] 2001-01-08  
[86] 1999-07-07 (PCT/JP99/03659)  
[87] 2000-01-20 (WO00/02907)  
[30] JP (10/196152) 1998-07-10

[21] **2,332,571**  
[13] A1

[51] **Int.Cl. 6C07K 14/745 6C12P 21/02 6C07K 16/18 6C07K 1/22**  
[25] EN  
[54] **NOVEL SUGAR CHAIN-BONDED THROMBOMODULIN-LIKE PEPTIDE**  
[54] **NOUVEAU PEPTIDE LIE PAR UNE CHAINE DE SUCRES ET SIMILAIRE A LA THROMBOMODULINE**  
[72] HASE, SUMIHIRO, JP  
[72] WAKABAYASHI, HIROYUKI, JP  
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP  
[85] 2000-12-29  
[86] 1999-06-30 (PCT/JP99/03532)  
[87] 2000-01-06 (WO00/00516)  
[30] JP (10/199654) 1998-06-30

[21] **2,332,573**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7A61K 38/19 7C12N 15/19 7C07K 16/24 7C07K 16/28 7C07K 16/40 7A61K 38/48 7G01N 33/566 7C12N 15/57 7C12N 15/62 7G01N 33/68 7C12Q 1/68**  
[25] EN  
[54] **MAMMALIAN GENES; DENDRITIC CELL PROSTAGLANDIN-LIKE TRANSPONDER (DC-PGT), HDTEA84, HSLJD37R AND RANKL, HCC5 CHEMOKINE, DEUBIQUITINATING 11 AND 12 (DUB11, DUB12), MD-1, MD2 AND CYCLIN E2, RELATED REAGENTS AND METHODS**  
[54] **GENES MAMMIFERES ; TRANSPORTEUR DU TYPE PROSTAGLANDINE DE CELLULES DENDRITIQUES (DC-PGT), HDTEA84, HSLJD37R ET RANKL, CHIMIOKINE HCC5, PROTEINES DE DESUBIQUITINATION 11 ET 12 (DUB11, DUB12), MD-1, MD-2 ET CYCLINE E2, REACTIFS APPARENTES ET PROCEDES ASSOCIES**  
[72] ZLOTNIK, ALBERT, US  
[72] MURPHY, ERIN E., US  
[72] MURGOLO, NICHOLAS J., US  
[72] GREENE, JONATHAN R., US  
[72] MATTSO, JEANINE D., US  
[72] JOHNSTON, JAMES A., US  
[72] BATES, ELIZABETH ESTHER MARY, FR  
[72] LEBECQUE, SERGE J. E., FR  
[72] MAHONY, DANIEL, US  
[72] LEES, EMMA M., US  
[72] HEDRICK, JOSEPH A., US  
[72] GORMAN, DANIEL M., US  
[72] WANG, LUQUAN, US  
[72] BAZAN, JOSE FERNANDO, US  
[71] SCHERING CORPORATION, US  
[85] 2001-01-03  
[86] 1999-07-06 (PCT/US99/12366)  
[87] 2000-01-13 (WO00/01817)  
[30] US (09/110,938) 1998-07-06  
[30] US (09/114,466) 1998-07-13  
[30] US (60/093,897) 1998-07-23  
[30] US (09/132,968) 1998-08-12  
[30] US (09/136,214) 1998-08-18  
[30] US (60/099,999) 1998-09-11

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|---|--|---|
| <p style="text-align: center;">[21] <b>2,332,583</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16H 21/36 6F01B 9/02 6F16H 21/30</b><br/>[25] EN<br/>[54] <b>CRANK-CONNECTING ROD MECHANISM</b><br/>[54] <b>MECANISME DE BIELLE RELIE A UNE MANIVELLE</b><br/>[72] DE GOOIJER, LAMBERTUS HENDRIK, NL<br/>[71] GOMECSYS B.V., NL<br/>[85] 2000-11-15<br/>[86] 1999-05-19 (PCT/NL99/00309)<br/>[87] 1999-12-09 (WO99/63247)<br/>[30] NL (1009211) 1998-05-19</p>  | <p style="text-align: center;">[21] <b>2,332,587</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B23K 35/26</b><br/>[25] EN<br/>[54] <b>LEADLESS SOLDER</b><br/>[54] <b>SOUDURE SANS PLOMB</b><br/>[72] DOMI, SHINJIRO, JP<br/>[72] SAKAGUCHI, KOICHI, JP<br/>[72] NAKAGAKI, SHIGEKI, JP<br/>[72] SUGANUMA, KATSUAKI, JP<br/>[71] NIPPON SHEET GLASS CO., LTD., JP<br/>[85] 2000-11-15<br/>[86] 2000-03-09 (PCT/JP00/01422)<br/>[87] 2000-09-21 (WO00/54927)<br/>[30] JP (11/69505) 1999-03-16<br/>[30] JP (2000/47325) 2000-02-24</p>   | <p style="text-align: center;">[21] <b>2,332,592</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B41M 5/24 7B32B 15/08 7B23K 26/18 7B41M 5/26 7B41M 5/36 7B65D 65/38</b><br/>[25] EN<br/>[54] <b>METHOD FOR MARKING A LAMINATED FILM MATERIAL</b><br/>[54] <b>PROTHESE D'ARTICULATION DU DOIGT</b><br/>[72] SCHROETER, RENATA, DE<br/>[72] JUX, EGBERT, DE<br/>[72] ZAHN, DIETER, DE<br/>[71] NOVARTIS AG, CH<br/>[85] 2000-11-15<br/>[86] 1999-07-20 (PCT/EP99/05175)<br/>[87] 2000-02-03 (WO00/05078)<br/>[30] EP (98113623.7) 1998-07-22</p> |
| <p style="text-align: center;">[21] <b>2,332,584</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B41N 3/06</b><br/>[25] EN<br/>[54] <b>METHOD FOR CLEANING PRINTING MACHINES AND PRINTING MOULDS</b><br/>[54] <b>PROCEDE POUR NETTOYER DES MACHINES A IMPRIMER ET DES FORMES D'IMPRESSION</b><br/>[72] WOLFF, ERWIN, DE<br/>[72] OETTER, GUNTER, DE<br/>[72] FRANK, ERICH, DE<br/>[72] SCHNEIDER, PETRA, DE<br/>[72] STOCKIGT, DIETER, DE<br/>[71] BASF AKTIENGESSELLSCHAFT, DE<br/>[85] 2000-11-15<br/>[86] 1999-05-20 (PCT/EP99/03479)<br/>[87] 1999-12-09 (WO99/62723)<br/>[30] DE (198 24 236.0) 1998-05-29</p> | <p style="text-align: center;">[21] <b>2,332,589</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07D 249/12 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7A01N 43/653</b><br/>[25] EN<br/>[54] <b>DIHYDROTRIAZOLONE DERIVATIVES AS PESTICIDES</b><br/>[54] <b>PESTICIDES DERIVES DE LA DIHYDROTRIAZOLONE</b><br/>[72] ZIEGLER, HUGO, CH<br/>[71] NOVARTIS AG, CH<br/>[85] 2000-11-15<br/>[86] 1999-07-21 (PCT/EP99/05216)<br/>[87] 2000-02-03 (WO00/05222)<br/>[30] CH (1559/98) 1998-07-23</p>  | <p style="text-align: center;">[21] <b>2,332,593</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 29/06</b><br/>[25] EN<br/>[54] <b>OBJECT ORIENTED TELECOMMUNICATIONS SYSTEM CONTROLLER</b><br/>[54] <b>UNITE DE COMMANDE DE SYSTEME DE TELECOMMUNICATIONS ORIENTEE OBJET</b><br/>[72] HARTNETT, GERARD, IE<br/>[71] TELLABS RESEARCH LIMITED, IE<br/>[85] 2000-11-15<br/>[86] 1998-12-15 (PCT/IE98/00107)<br/>[87] 1999-12-23 (WO99/66691)<br/>[30] IE (980474) 1998-06-17<br/>[30] IE (S980713) 1998-08-31</p>                           |
| <p style="text-align: center;">[21] <b>2,332,586</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/24 6G06F 9/46</b><br/>[25] EN<br/>[54] <b>A TELECOMMUNICATION CONTROLLER MESSAGING SYSTEM</b><br/>[54] <b>SYSTEME DE MESSAGERIE D'UNITE DE COMMANDE DE TELECOMMUNICATIONS</b><br/>[72] BARR, STUART, IE<br/>[71] TELLABS RESEARCH LIMITED, IE<br/>[85] 2000-11-15<br/>[86] 1998-12-15 (PCT/IE98/00108)<br/>[87] 1999-12-23 (WO99/66672)<br/>[30] IE (980475) 1998-06-17<br/>[30] IE (S980714) 1998-08-31</p>   | <p style="text-align: center;">[21] <b>2,332,591</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01M 8/02 6H01M 8/10</b><br/>[25] EN<br/>[54] <b>MULTI-ELEMENT FUEL CELL SYSTEM</b><br/>[54] <b>SYSTEME DE PILE A COMBUSTIBLE A ELEMENTS MULTIPLES</b><br/>[72] CRUICKSHANK, JOHN MALCOLM, GB<br/>[72] LAKEMAN, JOHN BARRY, GB<br/>[72] GREEN, KEVIN JOHN, GB<br/>[72] SLEE, RANULF, GB<br/>[71] THE SECRETARY OF STATE FOR DEFENCE, GB<br/>[85] 2000-11-15<br/>[86] 1999-05-05 (PCT/GB99/01391)<br/>[87] 1999-11-25 (WO99/60642)<br/>[30] GB (9810440.9) 1998-05-16<br/>[30] GB (9900718.9) 1999-01-14</p> | <p style="text-align: center;">[21] <b>2,332,594</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B05B 1/16</b><br/>[25] EN<br/>[54] <b>TEXTURE MATERIAL APPARATUS</b><br/>[54] <b>APPAREIL POUR MATIERES DE TEXTURE</b><br/>[72] WOLTJEN, DUANE W., US<br/>[71] MARSHALLTOWN TROWEL COMPANY, US<br/>[85] 2000-11-15<br/>[86] 1999-11-18 (PCT/US99/27446)<br/>[87] 2000-06-02 (WO00/30757)<br/>[30] US (09/200,537) 1998-11-25</p>   |

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[21] **2,332,596**  
[13] A1

[51] **Int.Cl. 6G10L 3/02**  
[25] EN  
[54] **IMPROVED LOST FRAME RECOVERY TECHNIQUES FOR PARAMETRIC, LPC-BASED SPEECH CODING SYSTEMS**  
[54] **TECHNIQUES AMELIOREES DE RECUPERATION DE TRAMES PERDUES POUR SYSTEMES PARAMETRIQUES A CODAGE PREDICTIF DE LA PAROLE**  
[72] YELDENER, SUAT, US  
[72] BARANIECKI, MARION, US  
[72] HO, GRANT IAN, CA  
[71] COMSAT CORPORATION, US  
[85] 2000-11-15  
[86] 1999-06-16 (PCT/US99/12804)  
[87] 1999-12-23 (WO99/66494)  
[30] US (09/099,952) 1998-06-19

[21] **2,332,615**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12N 9/02 7C12N 15/52**  
[25] EN  
[54] **DNA SHUFFLING OF MONOOXYGENASE GENES FOR PRODUCTION OF INDUSTRIAL CHEMICALS**  
[54] **REARRANGEMENT D'ADN DE GENES DE MONOOXYGENASE EN VUE DE LA PRODUCTION DE PRODUITS CHIMIQUES INDUSTRIELS**  
[72] AFFHOLTER, JOSEPH A., US  
[72] SELIFONOV, SERGEY, A., US  
[72] DAVIS, CHRISTOPHER, US  
[71] MAXYGEN, INC., US  
[85] 2001-01-04  
[86] 1999-08-12 (PCT/US99/18424)  
[87] 2000-02-24 (WO00/09682)  
[30] US (60/096,271) 1998-08-12  
[30] US (60/130,810) 1999-04-23

[21] **2,332,623**  
[13] A1

[51] **Int.Cl. 6C12N 15/86 6C12N 7/01 6C12N 7/04 6C12N 5/10**  
[25] EN  
[54] **RECOMBINANT HERPES VIRUSES FOR PREPARING RECOMBINANT ADENO-ASSOCIATED VIRUSES**  
[54] **VIRUS HERPETIQUES RECOMBINES POUR LA PRODUCTION DE VIRUS RECOMBINES ASSOCIES AUX ADENOVIRUS**  
[72] HEILBRONN, REGINE, DE  
[71] HEILBRONN, REGINE, DE  
[85] 2001-01-05  
[86] 1998-09-01 (PCT/EP98/05542)  
[87] 2000-01-13 (WO00/01834)  
[30] DE (198 30 141.3) 1998-07-06

[21] **2,332,612**  
[13] A1

[51] **Int.Cl. 7C12N 9/10 7C12N 5/06 7C12P 19/18 7A23L 3/3562 7A61K 31/715**  
[25] FR  
[54] **ENZYMES A ACTIVITE .ALPHA.-GALACTOSYLTRANSFERASE DE CELLULES D'INSECTES, ET LEURS UTILISATIONS**  
[54] **INSECT CELL ENZYMES WITH .ALPHA.-GALACTOSYLTRANSFERASE ACTIVITY AND THEIR USES**  
[72] LOPEZ, MICHEL, FR  
[72] DEVAUCHELLE, GERARD, FR  
[72] QUIOT, JEAN-MARIE, FR  
[72] DELANNOY, PHILIPPE ROBERT, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2000-12-28  
[86] 1999-06-29 (PCT/FR99/01562)  
[87] 2000-01-06 (WO00/00595)  
[30] FR (98/08228) 1998-06-29

[21] **2,332,619**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12N 15/63**  
[25] EN  
[54] **CHARACTERISATION OF GENE FUNCTION USING DOUBLE STRANDED RNA INHIBITION**  
[54] **CARACTERISATION D'UNE FONCTION DE GENE PAR INHIBITION D'ARN DOUBLE BRIN**  
[72] BOGAERT, THIERRY, BE  
[72] PLAETINCK, GEERT, BE  
[72] MORTIER, KATHERINE, BE  
[72] PLATTEEUW, CHRIST, BE  
[71] DEVGEN N.V., BE  
[85] 2001-01-02  
[86] 1999-07-02 (PCT/EP99/04718)  
[87] 2000-01-13 (WO00/01846)  
[30] GB (9814536.0) 1998-07-03  
[30] GB (9827152.1) 1998-12-09

[21] **2,332,625**  
[13] A1

[51] **Int.Cl. 6C12N 15/62 6C12P 19/00 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C12N 1/19 6C12Q 1/37 6C07K 16/40 6C07K 14/47 6A61K 38/48 6C12N 15/57 6C12N 9/64 6G01N 33/68 6C12Q 1/68 6C07K 14/81**  
[25] EN  
[54] **INTERACTION OF HUMAN BETA AMYLOID PRECURSOR PROTEIN (.BETA.-APP) WITH HUMAN LON-PROTEASE LIKE PROTEIN (HSLON)**  
[54] **INTERACTION DE PRECURSEUR DE LA PROTEINE BETA-AMYLOIDE HUMAINE (.BETA.-APP) ET DE PROTEINE HUMAINE DU TYPE LON-PROTEASE (HSLON)**  
[72] NANDABALAN, KRISHNAN, US  
[72] YANG, MEIJIA, US  
[72] SCHULZ, VINCENT PETER, US  
[71] CURAGEN CORPORATION, US  
[85] 2001-01-08  
[86] 1999-07-08 (PCT/US99/15592)  
[87] 2000-01-20 (WO00/02911)  
[30] US (09/113,348) 1998-07-10

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[21] **2,332,627**  
[13] A1

[51] **Int.Cl. 7A61K 39/295**  
[25] EN  
[54] **PORCINE CIRCOVIRUS AND PARVOVIRUS VACCINE**  
[54] **VACCIN ELABORE A PARTIR DE CIRCOVIRUS ET DE PARVOVIRUS PORCINS**  
[72] MCNEILLY, FRANCIS, GB  
[72] ELLIS, JOHN ALBERT, CA  
[72] MEEHAN, BRIAN MARTIN, GB  
[72] KRAKOWKA, GEORGE STEVEN, US  
[72] AUDONNET, JEAN-CHRISTOPHE FRANCIS, FR  
[72] ALLAN, GORDON MOORE, GB  
[71] UNIVERSITY OF SASKATCHEWAN, CA  
[71] MERIAL, FR  
[71] THE QUEEN'S UNIVERSITY OF BELFAST, GB  
[85] 2001-01-04  
[86] 1999-06-28 (PCT/EP99/04698)  
[87] 2000-01-13 (WO00/01409)  
[30] FR (98/08777) 1998-07-06

[21] **2,332,634**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00**  
[25] EN  
[54] **REPRESSION OF CELL TRANSFORMATION WITH HUMAN PEA3**  
[54] **INHIBITION DE LA TRANSFORMATION CELLULAIRE PAR LA PROTEINE PEA3 HUMAINE**  
[72] HUNG, MIEN-CHIE, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2001-01-04  
[86] 1999-07-15 (PCT/US99/16142)  
[87] 2000-01-27 (WO00/04153)  
[30] US (09/116,049) 1998-07-15

[21] **2,332,636**  
[13] A1

[51] **Int.Cl. 6A61K 35/76 6A61K 48/00 6C12N 15/63 6C12N 15/64 6C12N 15/86**  
[25] EN  
[54] **VASOPROTECTIVE RECOMBINANT ADENOVIRUS VECTOR CONTAINING A HUMAN TFPI GENE**  
[54] **VECTEUR ADENOVIRAL RECOMBINANT VASOPROTECTEUR CONTENANT UN GENE TFPI HUMAIN**  
[72] ZOLDHELYI, PIERRE, US  
[72] WILLERSON, JAMES T., US  
[71] TEXAS HEART INSTITUTE, US  
[85] 2001-01-02  
[86] 1998-06-05 (PCT/US98/11706)  
[87] 1999-01-21 (WO99/02171)  
[30] US (60/051,887) 1997-07-08  
[30] US (09/013,366) 1998-01-26

[21] **2,332,638**  
[13] A1

[51] **Int.Cl. 7C12Q 1/34 7C12N 15/12 7C12Q 1/37 7C12Q 1/44**  
[25] EN  
[54] **VISUALIZATION OF ENZYME-CATALYSED REACTIONS USING PH INDICATORS: RAPID SCREENING OF HYDROLASE LIBRARIES FOR ENANTIOSELECTIVE ENZYMES**  
[54] **VISUALISATION DE REACTIONS CATALYSEES PAR DES ENZYMES UTILISANT DES INDICATEURS DE PH: CRIBLAGE RAPIDE DE BIBLIOTHEQUES D'HYDROLASES POUR DETECTER DES ENZYMES ENANTIOSELECTIVES**  
[72] MORIS-VARAS, FRANCISCO, US  
[71] THERMOGEN, INC., US  
[85] 2000-12-28  
[86] 1999-07-07 (PCT/US99/15400)  
[87] 2000-01-13 (WO00/01842)  
[30] US (60/091,880) 1998-07-07  
[30] US (60/125,708) 1999-03-23

[21] **2,332,641**  
[13] A1

[51] **Int.Cl. 7C07K 7/02 7A61K 38/07 7A61K 38/08 7C07K 5/103 7C07K 5/117**  
[25] EN  
[54] **DOLASTATIN 15 DERIVATIVES**  
[54] **DERIVES DE DOLASTATINE 15**  
[72] RITTER, KURT, US  
[72] JANSSEN, BERND, US  
[72] AMBERG, WILHELM, DE  
[72] BARLOZZARI, TERESA, US  
[72] HAUPT, ANDREAS, DE  
[72] KLING, ANDREAS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-01-05  
[86] 1999-06-23 (PCT/US99/14099)  
[87] 2000-01-20 (WO00/02906)  
[30] US (09/112,249) 1998-07-08

[21] **2,332,697**  
[13] A1

[51] **Int.Cl. 7C12N 9/44**  
[25] EN  
[54] **STARCH DEBRANCHING ENZYMES**  
[54] **ENZYMES DE DERAMIFICATION DE L'AMIDON**  
[72] BISGARD-FRANTZEN, HENRIK, DK  
[72] SVENDSEN, ALLAN, DK  
[71] NOVOZYMES A/S, DK  
[85] 2000-12-28  
[86] 1999-07-02 (PCT/DK99/00381)  
[87] 2000-01-13 (WO00/01796)  
[30] DK (PA 1998 00868) 1998-07-02

[21] **2,332,709**  
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 7/06**  
[25] EN  
[54] **ANTIMICROBIAL AGENT**  
[54] **AGENT ANTIMICROBIEN**  
[72] DE GRAAF, THALIE PAULINA, GB  
[72] GALLEY, EDWARD, GB  
[72] BUTCHER, KATE ELIZABETH, GB  
[71] THE BOOTS COMPANY PLC, GB  
[85] 2000-11-16  
[86] 1999-05-21 (PCT/EP99/03592)  
[87] 1999-11-25 (WO99/59540)  
[30] GB (9810799.8) 1998-05-21



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[21] **2,332,713**  
[13] A1

[51] **Int.Cl. 6A61K 31/165 6A61K 31/16 6A61K 31/22 6A61K 31/425 6A61K 31/44 6A61K 31/445**  
[25] EN  
[54] **HYDROXAMIC ACID DERIVATIVES AS ANTIBACTERIALS**  
[54] **DERIVES DE L'ACIDE HYDROXAMIQUE EN TANT QU'AGENTS ANTIBACTERIENS**  
[72] SPAVOLD, ZOE MARIE, GB  
[72] BECKETT, RAYMOND PAUL, GB  
[72] HUNTER, MICHAEL GEORGE, GB  
[72] CLEMENTS, JOHN MARTIN, GB  
[72] WHITTAKER, MARK, GB  
[71] BRITISH BIOTECH PHARMACEUTICALS LIMITED, GB  
[85] 2000-11-16  
[86] 1999-05-14 (PCT/GB99/01541)  
[87] 1999-11-25 (WO99/59568)  
[30] GB (9810464.9) 1998-05-16

[21] **2,332,714**  
[13] A1

[51] **Int.Cl. 6A23N 12/02 6B03B 5/68**  
[25] EN  
[54] **A WASHER**  
[54] **LAVEUSE**  
[72] RIES, KEVIN LYALL, NZ  
[71] LOOKER, GRANT RAYMOND, NZ  
[71] LOOKER, WAYNE ROBERT, NZ  
[85] 2000-11-15  
[86] 1999-05-28 (PCT/NZ99/00064)  
[87] 1999-12-02 (WO99/60871)  
[30] NZ (330332) 1998-05-28

[21] **2,332,716**  
[13] A1

[51] **Int.Cl. 6C08F 210/14 6C08F 2/00 6C09K 3/00 6C10M 143/08 6C10M 107/10 6C08F 2/42 6C08F 4/642 6C08F 4/649**  
[25] EN  
[54] **METHODS FOR FORMING AMORPHOUS ULTRA-HIGH MOLECULAR WEIGHT POLYALPHAOLEFIN DRAG REDUCING AGENTS**  
[54] **PROCEDES DE FORMATION D'AGENTS DE REDUCTION DE TRAINEE A BASE DE POLYALPHAOLEFINE AMORPHES ET A POIDS MOLECULAIRE ULTRA ELEVE**  
[72] EATON, GERALD B., US  
[72] TIPTON, ROBERT J., US  
[72] MONAHAN, MICHAEL J., US  
[71] ENERGY & ENVIRONMENTAL INTERNATIONAL, L.C., US  
[85] 2000-11-15  
[86] 1999-05-14 (PCT/US99/10701)  
[87] 1999-11-25 (WO99/60038)  
[30] US (09/081,964) 1998-05-20

[21] **2,332,717**  
[13] A1

[51] **Int.Cl. 6F02M 39/00**  
[25] EN  
[54] **METHOD OF UTILIZATION OF VALVE BOUNCE IN A SOLENOID VALVE CONTROLLED FUEL INJECTION SYSTEM**  
[54] **PROCEDE D'UTILISATION DU REBOND DE LA SOUPAPE DANS UN SYSTEME D'INJECTION DE CARBURANT COMMANDE PAR SOUPAPE A SOLENOIDE**  
[72] SMITH, MIKE, US  
[72] CHRIST, WILHELM W., US  
[72] MOSHER, DONNA, US  
[72] VANALLSBURG, MICHAEL, US  
[72] PAPE, WERNER, DE  
[71] DIESEL TECHNOLOGY COMPANY, US  
[85] 2000-11-15  
[86] 1999-05-20 (PCT/US99/11144)  
[87] 1999-12-02 (WO99/61778)  
[30] US (09/085,745) 1998-05-27

[21] **2,332,718**  
[13] A1

[51] **Int.Cl. 6A47K 10/40**  
[25] EN  
[54] **DISPENSER ADAPTER FOR CORELESS ROLLS OF PRODUCTS**  
[54] **ADAPTATEUR POUR DISTRIBUTEUR DE PRODUITS EN ROULEAU SANS BOBINE**  
[72] PHELPS, STEPHEN LAWRENCE, US  
[72] GARCIA, ARTHUR J., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-11-15  
[86] 1999-05-28 (PCT/US99/12012)  
[87] 1999-12-02 (WO99/60909)  
[30] US (60/087,275) 1998-05-29  
[30] US (09/298,416) 1999-04-23

[21] **2,332,719**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **METHOD OF SELECTIVELY DIRECTING A MOBILE STATION TO RETRY SYSTEM ACCESS IN A RADIO TELECOMMUNICATION SYSTEM**  
[54] **PROCEDE DE DIRECTION SELECTIVE D'UNE STATION MOBILE PERMETTANT D'EFFECTUER UNE NOUVELLE TENTATIVE D'ACCES A UN SYSTEME DANS UN SYSTEME DE RADIOTELECOMMUNICATION**  
[72] DESGAGNE, MICHEL, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-15  
[86] 1999-05-04 (PCT/SE99/00746)  
[87] 1999-11-25 (WO99/60811)  
[30] US (09/081,481) 1998-05-18

[21] **2,332,721**  
[13] A1

[51] **Int.Cl. 6C11D 17/04 6D06M 13/165 6D06M 13/256 6D06M 13/262**  
[25] EN  
[54] **SORBENT MATERIAL**  
[54] **MATERIAU SORBANT**  
[72] THOMASCHEFSKY, CRAIG FARRELL, US  
[72] YAHIAOUL, ALI, US  
[72] CHIU, TAIWOO, US  
[71] KIMBERLY CLARK WORLDWIDE, INC., US  
[85] 2000-11-15  
[86] 1999-05-28 (PCT/US99/12015)  
[87] 1999-12-09 (WO99/63046)  
[30] US (60/087,382) 1998-05-30  
[30] US (09/293,294) 1999-04-16

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[13] A1

[51] **Int.Cl. 6C07D 207/20 6C07C 271/18 6A01N 43/36 6C07C 205/45**  
[25] EN  
[54] **2-(2-CHLOROPHENYL)-3,4-DIHYDRO-2H-PYRROL DERIVATIVES**  
[54] **DERIVES DE 2-(2-CHLOROPHENYL)-3,4-DIHYDRO-2H-PYRROL**  
[72] GRAFF, ALAN, DE  
[72] PLANT, ANDREW, DE  
[72] KRAATZ, UDO, DE  
[72] ERDELEN, CHRISTOPH, DE  
[72] TURBERG, ANDREAS, DE  
[72] MENCKE, NORBERT, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-11-15  
[86] 1999-05-05 (PCT/EP99/03063)  
[87] 1999-11-25 (WO99/59968)  
[30] DE (198 22 247.5) 1998-05-18

[21] **2,333,006**  
[13] A1

[51] **Int.Cl. 6C12N 15/11 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 14/47 6C12Q 1/68**  
[25] EN  
[54] **CALMODULIN RELATED PROTEIN**  
[54] **PROTEINE ASSOCIEE A LA CALMODULINE**  
[72] PATTERSON, CHANDRA, US  
[72] GUEGLER, KARL J., US  
[72] CORLEY, NEIL C., US  
[72] TANG, Y. TOM, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-11-21  
[86] 1999-05-14 (PCT/US99/10747)  
[87] 1999-12-02 (WO99/61609)  
[30] US (09/083,908) 1998-05-22

[21] **2,333,118**  
[13] A1

[51] **Int.Cl. 7A61B 18/20**  
[25] EN  
[54] **METHOD AND SYSTEM FOR SCANNING NON-OVERLAPPING PATTERNS OF LASER ENERGY WITH DIFFRACTIVE OPTICS**  
[54] **PROCEDE ET SYSTEME DE BALAYAGE DE CONFIGURATIONS SANS CHEVAUCHEMENT DE FAISCEAUX D'ENERGIE LASER PAR DES ELEMENTS OPTIQUES DIFFRACTIFS**  
[72] LEMBERG, VLADIMIR, US  
[71] VISX, INCORPORATED, US  
[85] 2000-11-23  
[86] 1999-07-06 (PCT/US99/15260)  
[87] 2000-01-27 (WO00/04611)  
[30] US (09/116,648) 1998-07-16

[21] **2,333,281**  
[13] A1

[51] **Int.Cl. 6C12P 23/00 6C07K 14/00 6C12N 15/00 6C12N 9/02 6C07H 21/04 6C12N 1/20 6C12P 7/26**  
[25] EN  
[54] **CAROTENOID KETOLASE GENES AND GENE PRODUCTS, PRODUCTION OF KETOCAROTENOIDS AND METHODS OF MODIFYING CAROTENOIDS USING THE GENES**  
[54] **GENES ET PRODUITS GENIQUES DE CETOLASE DE CAROTENOIDE, PRODUCTION DE CAROTENOIDES ET PROCEDES PERMETTANT DE MODIFIER DES CAROTENOIDES AU MOYEN DE CES GENES**  
[72] CUNNINGHAM, FRANCIS X., US  
[71] UNIVERSITY OF MARYLAND, US  
[85] 2000-11-22  
[86] 1999-05-21 (PCT/US99/10455)  
[87] 1999-12-02 (WO99/61652)  
[30] US (60/086,460) 1998-05-22

[21] **2,333,302**  
[13] A1

[51] **Int.Cl. 7C07K 16/12 7C12N 5/12 7G01N 33/569 7G01N 33/577**  
[25] EN  
[54] **ANTIBODIES FOR THE DETECTION OF BEER SPOILAGE LACTIC ACID BACTERIA, METHOD OF DETECTION USING THE ANTIBODIES, AND KIT EMPLOYING THE ANTIBODIES**  
[54] **ANTICORPS AGISSANT CONTRE DES BACTERIES LACTIQUES ALTERANT LA BIERE ET LEUR UTILISATION A DES FINS DIAGNOSTIQUES**  
[72] TSUCHIYA, YOUICHI, JP  
[71] SAPPORO BREWERIES LIMITED, JP  
[85] 2001-01-09  
[86] 1999-07-16 (PCT/JP99/03858)  
[87] 2000-02-03 (WO00/05267)  
[30] JP (10/206484) 1998-07-22  
[30] JP (11/4096) 1999-01-11

[21] **2,333,304**  
[13] A1

[51] **Int.Cl. 6G06F 9/445**  
[25] EN  
[54] **AN AUTOCONFIGURABLE METHOD AND SYSTEM HAVING AUTOMATED DOWNLOADING**  
[54] **SYSTEME AUTOCONFIGURABLE A TELECHARGEMENT AUTOMATIQUE ET PROCEDE CORRESPONDANT**  
[72] BEYDA, WILLIAM J., US  
[71] SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC., US  
[85] 1999-01-08  
[86] 1998-01-20 (PCT/US98/27924)  
[87] 2000-06-22 (WO00/36502)

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[21] **2,333,305**  
[13] A1  
[51] **Int.Cl. 6G01R 29/08 6G01R 29/10**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DETERMINING THE SOURCE AND STRENGTH OF ELECTRO-MAGNETIC EMISSIONS**  
[54] **DETERMINATION DE LA SOURCE ET DE LA PUISSANCE D'UN RAYONNEMENT ELECTROMAGNETIQUE ET APPAREIL A CET EFFET**  
[72] BERGER, STEPHEN, US  
[71] SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC., US  
[85] 1999-01-08  
[86] 1998-01-20 (PCT/US98/27941)  
[87] 1999-07-29 (WO99/38022)

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[13] A1  
[51] **Int.Cl. 6C07K 14/79 6A61K 38/40**  
[25] EN  
[54] **PEPTIDES BASED ON THE SEQUENCE OF HUMAN LACTOFERRIN AND THEIR USE**  
[54] **PEPTIDES REPOSANT SUR LA SEQUENCE DE LA LACTOFERRINE HUMAINE ET LEUR UTILISATION**  
[72] HANSON, LARS .ANG..., SE  
[72] DOLPHIN, GUNNAR T., SE  
[72] BALTZER, LARS, SE  
[72] MATTSBY-BALTZER, INGER, SE  
[71] A+ SCIENCE INVEST AB, SE  
[85] 2001-01-05  
[86] 1999-07-06 (PCT/SE99/01230)  
[87] 2000-01-13 (WO00/01730)  
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[30] SE (9802562-0) 1998-07-17  
[30] SE (9804614-7) 1998-12-29

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[13] A1  
[51] **Int.Cl. 6A61K 38/16 6A61K 38/17 6A61K 38/19 6G01N 33/53**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR \$(IN VITRO) FERTILIZATION**  
[54] **COMPOSITIONS ET PROCEDES DE FECONDATION IN VITRO**  
[72] STEWART, COLIN L., US  
[72] HERNANDEZ, LIDIA, US  
[72] SHATZER, TERESA, US  
[72] SULLIVAN, TERESA, US  
[72] CHEN, JIM-RAY, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC, US  
[85] 2001-01-04  
[86] 1999-06-30 (PCT/US99/14841)  
[87] 2000-01-13 (WO00/01404)  
[30] US (60/091,771) 1998-07-06

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[13] A1  
[51] **Int.Cl. 7C12N 15/15 7A01H 5/00 7A01H 5/10 7C12N 5/10 7C12N 15/18 7C12N 15/54 7C12N 15/62 7C12N 15/82**  
[25] EN  
[54] **ENHANCER ELEMENTS FOR INCREASED TRANSLATION IN PLANT PLASTIDS**  
[54] **ELEMENTS ACTIVEURS POUR TRADUCTION ACCRUE DANS LES PLASTES VEGETAUX**  
[72] MCBRIDE, KEVIN E., US  
[72] STAUB, JEFFREY M., US  
[71] CALGENE LLC, US  
[85] 2001-01-09  
[86] 1999-07-08 (PCT/US99/15713)  
[87] 2000-01-20 (WO00/03017)  
[30] US (09/113,690) 1998-07-10

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[21] **2,333,378**  
[13] A1  
[51] **Int.Cl. 7G06K 9/00 7G06K 9/78**  
[25] EN  
[54] **SENSOR ORIENTATION, CIRCUIT-BOARD CONSTRUCTION, REMOTE DEVICES, AND INTERACTIVE ENROLLMENT IN SKIN-PATTERN PRINT ACQUISITION**  
[54] **CAPTEUR ORIENTE, PLAQUETTE DE CIRCUIT, DISPOSITIFS A DISTANCE ET ENROLEMENT INTERACTIF BASE SUR LA SAISIE D'EMPREINTES DIGITALES**  
[72] GITTELSON, DAVID S., US  
[72] HARKLESS, CURT R., US  
[71] ARETE ASSOCIATES, US  
[85] 2000-11-24  
[86] 1999-04-28 (PCT/US99/09202)  
[87] 1999-11-04 (WO99/56244)  
[30] US (60/083,271) 1998-04-28

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[21] **2,333,467**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12N 15/11 7A61K 38/17 7C07K 16/18 7C07K 14/47 7C12Q 1/68**  
[25] EN  
[54] **HUMAN PRESENILIN-ASSOCIATED PROTEIN**  
[54] **PROTEINE HUMAINE ASSOCIEE A LA PRESENILINE**  
[72] PATTERSON, CHANDRA, US  
[72] CORLEY, NEIL C., US  
[72] TANG, Y. TOM, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-01-15  
[86] 1999-07-13 (PCT/US99/15858)  
[87] 2000-01-27 (WO00/04150)  
[30] US (09/116,640) 1998-07-16

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[21] **2,333,515**  
[13] A1  
[51] **Int.Cl. 6C07D 241/44 6A61K 31/495**  
[25] EN  
[54] **CYANOIMINOQUINOXALINE DERIVATIVES**  
[54] **DERIVES DE CYANOIMINOQUINOXALINE**  
[72] TAKADA, SUSUMU, JP  
[72] CHOMEI, NOBUO, JP  
[72] KIHARA, TSUYOSHI, JP  
[71] SHIONOGI & CO., LTD., JP  
[85] 2000-11-27  
[86] 1999-05-28 (PCT/JP99/02822)  
[87] 1999-12-09 (WO99/62887)  
[30] JP (10/151017) 1998-06-01

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| <p style="text-align: right;">[21] <b>2,333,518</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/00 6H04B 3/32</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR DIGITAL SUBSCRIBER LOOP QUALIFICATION</b><br/>[54] <b>PROCEDE ET APPAREIL DE QUALIFICATION DE LIGNE NUMERIQUE D'ABONNE</b><br/>[72] EICHEN, ELLIOT, US<br/>[72] BROOKS, DAVID L., US<br/>[71] VERIZON LABORATORIES INC., US<br/>[85] 2000-11-27<br/>[86] 1999-05-19 (PCT/US99/11052)<br/>[87] 1999-12-09 (WO99/63427)<br/>[30] US (09/086,386) 1998-05-29</p> | <p style="text-align: right;">[21] <b>2,333,524</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H02M 1/10</b><br/>[25] EN<br/>[54] <b>VOLTAGE SWITCH-OVER DEVICE</b><br/>[54] <b>DISPOSITIF DE COMMUTATION DE TENSION</b><br/>[72] KRENHUBER, GEORG, AT<br/>[72] OBERZAUCHER, FRIEDRICH, AT<br/>[71] FRONIUS SCHWEISSMASCHINEN PRODUKTION GMBH &amp; CO. KG, AT<br/>[85] 2000-11-27<br/>[86] 1999-05-27 (PCT/AT99/00132)<br/>[87] 1999-12-09 (WO99/63649)<br/>[30] AT (A 919/98) 1998-05-29</p>   | <p style="text-align: right;">[21] <b>2,333,527</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61B 19/00 6H03M 13/00 6H03H 7/30</b><br/>[25] EN<br/>[54] <b>FORWARD-BACKWARD CHANNEL INTERPOLATOR</b><br/>[54] <b>INTERPOLATEUR DE VOIE PROGRESSIF-REGRESSIF</b><br/>[72] KATIC, OGNJEN B., CA<br/>[72] REY, CLAUDIO G., US<br/>[71] GLENAYRE ELECTRONICS, INC., US<br/>[85] 2000-11-27<br/>[86] 1999-05-25 (PCT/US99/11482)<br/>[87] 1999-12-02 (WO99/60940)<br/>[30] US (09/086,205) 1998-05-28</p>  |
| <p style="text-align: right;">[21] <b>2,333,519</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b><br/>[25] EN<br/>[54] <b>INTERACTIVE REMOTE AUCTION BIDDING SYSTEM</b><br/>[54] <b>SYSTEME INTERACTIF DE SOUMISSION DANS UNE VENTE AUX ENCHERES A DISTANCE</b><br/>[72] DINWOODIE, DAVID LIONEL, US<br/>[71] BID CATCHER, LP, US<br/>[85] 2000-11-27<br/>[86] 1999-05-20 (PCT/US99/11135)<br/>[87] 1999-12-09 (WO99/63461)<br/>[30] US (09/086,877) 1998-05-29</p>  | <p style="text-align: right;">[21] <b>2,333,529</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/08 6A61B 17/04</b><br/>[25] EN<br/>[54] <b>BONE ANCHOR AND DEPLOYMENT DEVICE THEREFOR</b><br/>[54] <b>DISPOSITIF DE DEPLOIEMENT ET D'ANCRAGE POUR LES OS</b><br/>[72] JOHANSON, MARK A., US<br/>[72] RICE, JOHN, US<br/>[72] NICHOLSON, JAMES, US<br/>[72] HART, RICKEY, US<br/>[71] INNOVATIVE DEVICES, INC., US<br/>[85] 2000-11-27<br/>[86] 1999-05-27 (PCT/US99/11822)<br/>[87] 1999-12-02 (WO99/60949)<br/>[30] US (09/086,508) 1998-05-28</p>  |  |

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| <p style="text-align: right;">[21] <b>2,333,531</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04B 3/54 7H02J 13/00</b><br/>[25] EN<br/>[54] <b>SIGNALLING METHOD AND APPARATUS</b><br/>[54] <b>PROCEDE ET APPAREIL DE SIGNALISATION</b><br/>[72] TAYLOR, COLIN, GB<br/>[71] BINARY ELECTRONICS LIMITED, GB<br/>[85] 2000-11-27<br/>[86] 2000-03-27 (PCT/GB00/01028)<br/>[87] 2000-10-05 (WO00/59127)<br/>[30] GB (9907006.2) 1999-03-27</p>  | <p style="text-align: right;">[21] <b>2,333,581</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A47B 87/00 7E04B 2/74</b><br/>[25] EN<br/>[54] <b>DESK SYSTEM</b><br/>[54] <b>SYSTEME DE BUREAU</b><br/>[72] BROZEK, THOMAS ALLEN, US<br/>[72] NIENHUIS, JAMES HAROLD, US<br/>[72] SCHACHT, WILLIAM FREDERICK, US<br/>[72] KATJE, MICHAEL JAMES, US<br/>[72] EHMANN, WILLIAM BRUCE, US<br/>[72] CHESSER, LYNDA ELIZABETH, US<br/>[72] STIRLING, MICHAEL FRANCIS, US<br/>[71] HERMAN MILLER, INC., US<br/>[85] 2000-11-28<br/>[86] 1999-05-19 (PCT/US99/11105)<br/>[87] 1999-12-02 (WO99/60889)<br/>[30] US (60/086,991) 1998-05-28</p> | <p style="text-align: right;">[21] <b>2,333,641</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08G 18/42 6C08G 18/46 6C08G 18/50 6C08G 63/668 6C08G 63/685</b><br/>[25] EN<br/>[54] <b>METHOD FOR MAKING POLYURETHANE FOAM, AMINE POLYESTER POLYOL USED IN SAID METHOD AND RESULTING FOAM</b><br/>[54] <b>PROCEDE DE FABRICATION DE MOUSSE DE POLYURETHANE, POLYESTER POLYOL AMINE UTILISE DANS CE PROCEDE ET MOUSSE OBTENUE</b><br/>[72] DUMONT, REMY, FR<br/>[72] GHESQUIERE, DENIS, FR<br/>[71] CROMPTON CORPORATION, US<br/>[85] 2000-11-28<br/>[86] 1999-05-18 (PCT/FR99/01176)<br/>[87] 1999-12-09 (WO99/62980)<br/>[30] FR (98/06806) 1998-05-29</p> |
| <p style="text-align: right;">[21] <b>2,333,532</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04J 14/02 7H04B 10/20</b><br/>[25] EN<br/>[54] <b>OPTICAL AND PROGRAMMABLE FIBER OPTIC WAVELENGTH ADD/DROP SYSTEM</b><br/>[54] <b>SYSTEME OPTIQUE ET PROGRAMMABLE A FIBRE OPTIQUE POUR AJOUT/SUPPRESSION DE LONGUEURS D'ONDE</b><br/>[72] CAO, SIMON X. F., US<br/>[71] AVANEX CORPORATION, US<br/>[85] 2000-11-27<br/>[86] 1999-06-04 (PCT/US99/12476)<br/>[87] 2000-04-20 (WO00/22741)<br/>[30] US (09/090,449) 1998-06-04</p> | <p style="text-align: right;">[21] <b>2,333,609</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04B 7/08 6H04B 7/10 6H04B 7/26</b><br/>[25] EN<br/>[54] <b>ADAPTIVE TRANSMITTER/RECEIVER</b><br/>[54] <b>EMETTEUR-RECEPTEUR ADAPTATIF</b><br/>[72] YOSHIDA, SHOUSEI, JP<br/>[72] MARUTA, YASUSHI, JP<br/>[71] NEC CORPORATION, JP<br/>[85] 2000-11-28<br/>[86] 1999-06-29 (PCT/JP99/03478)<br/>[87] 2000-01-06 (WO00/01088)<br/>[30] JP (10/185234) 1998-06-30</p>  | <p style="text-align: right;">[21] <b>2,333,643</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07D 215/22 7A61K 31/47 7C07D 215/54</b><br/>[25] EN<br/>[54] <b>SUBSTITUTED QUINOLIN-2(1H)-ONES USEFUL AS HIV REVERSE TRANSCRIPTASE INHIBITORS</b><br/>[54] <b>QUINOLINE-2(1H)-ONES SUBSTITUEES UTILES COMME INHIBITEURS DE LA TRANSCRIPTASE INVERSE DU VIH</b><br/>[72] PATEL, MONA, US<br/>[72] RODGERS, JAMES D., US<br/>[71] DUPONT PHARMACEUTICALS COMPANY, US<br/>[85] 2000-11-28<br/>[86] 1999-06-25 (PCT/US99/14396)<br/>[87] 2000-01-06 (WO00/00475)<br/>[30] US (60/091,253) 1998-06-30</p>  |
| <p style="text-align: right;">[21] <b>2,333,548</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12C 13/10</b><br/>[25] EN<br/>[54] <b>BREW POT</b><br/>[54] <b>CUVE DE BRASSAGE</b><br/>[72] REBBE, KLAUS, DE<br/>[72] HASTENTEUFEL, HARRY, DE<br/>[71] REBBE, KLAUS, DE<br/>[71] HASTENTEUFEL, HARRY, DE<br/>[85] 2000-11-27<br/>[86] 2000-02-19 (PCT/EP00/01374)<br/>[87] 2000-09-08 (WO00/52131)<br/>[30] DE (199 08 472.6) 1999-02-26</p>  | <p style="text-align: right;">[21] <b>2,333,639</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B31B 5/74</b><br/>[25] EN<br/>[54] <b>SQUARING CARRIAGE WITH PNEUMATIC SQUARING FINGERS</b><br/>[54] <b>CHARIOT D'EQUERRAGE A DOIGTS PNEUMATIQUES D'EQUERRAGE</b><br/>[72] MARSTON, KEVIN, US<br/>[72] NEUENSCHWANDER, LUC-ANDRE, US<br/>[72] CUGNONI, DANIEL, CH<br/>[72] SCHENONE, MICHAEL A., US<br/>[71] BOBST GROUP, INC., US<br/>[85] 2000-11-28<br/>[86] 1999-07-09 (PCT/US99/14130)<br/>[87] 2000-01-20 (WO00/02721)<br/>[30] US (60/092,144) 1998-07-09</p>   |   |

## Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] <b>2,333,646</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01R 31/327 6H02H 3/00</b><br/>[25] EN<br/>[54] <b>ELECTRONIC CIRCUIT FOR IDENTIFYING CIRCUIT BREAKER ASSOCIATED WITH SELECTED BRANCH CIRCUIT</b><br/>[54] <b>CIRCUIT ELECTRONIQUE POUR IDENTIFIER UN DISJONCTEUR ASSOCIE A UN CIRCUIT DERIVE</b><br/>[72] COIA, RONALD A., US<br/>[72] WOTTRICH, JOACHIM, DE<br/>[71] UNIQUE TECHNOLOGIES, LLC, US<br/>[85] 2000-11-28<br/>[86] 1999-05-28 (PCT/US99/12033)<br/>[87] 1999-12-02 (WO99/61928)<br/>[30] US (09/087,018) 1998-05-29</p>                | <p style="text-align: right;">[21] <b>2,333,655</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07K 1/26</b><br/>[25] EN<br/>[54] <b>PURIFICATION OF ANTIBODIES</b><br/>[54] <b>PURIFICATION D'ANTICORPS</b><br/>[72] RYLATT, DENNIS BRIAN, AU<br/>[72] LIM, SHARON, AU<br/>[71] GRADIPORE LIMITED, AU<br/>[85] 2000-11-28<br/>[86] 1999-06-02 (PCT/AU99/00424)<br/>[87] 1999-12-09 (WO99/62937)<br/>[30] AU (PP 3855) 1998-06-02</p>  | <p style="text-align: right;">[21] <b>2,333,661</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/40 6C07D 209/34</b><br/>[25] EN<br/>[54] <b>USE OF INDIGOID BISINDOLE DERIVATIVES FOR THE MANUFACTURE OF A MEDICAMENT TO INHIBIT CYCLIN DEPENDENT KINASES</b><br/>[54] <b>UTILISATION DE DERIVES BISINDOLIQUES D'INDIGOIDES POUR LA PREPARATION D'UN MEDICAMENT SERVANT A INHIBER DES KINASES DEPENDANTES DE CYCLINE</b><br/>[72] HOSSL, RALPH, DE<br/>[72] MARKO, DORIS, DE<br/>[72] EISENBRAND, GERHARD, DE<br/>[72] TANG, WEICI, DE<br/>[72] MEIJER, LAURENT, FR<br/>[71] EISENBRAND, GERHARD, DE<br/>[71] CNRS (CENTRE NATIONAL DE RECHERCHE SCIENTIFIQUE) FRANCE<br/>INNOVATION SCIEN, FR<br/>[85] 2000-11-28<br/>[86] 1999-05-26 (PCT/EP99/03625)<br/>[87] 1999-12-09 (WO99/62503)<br/>[30] EP (98109845.2) 1998-05-29<br/>[30] EP (99105693.8) 1999-03-19</p> |
| <p style="text-align: right;">[21] <b>2,333,648</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/14 6A61K 9/50 6A61K 9/51</b><br/>[25] EN<br/>[54] <b>THERMOPROTECTED MICROPARTICLE COMPOSITIONS AND PROCESS FOR TERMINAL STEAM STERILIZATION THEREOF</b><br/>[54] <b>COMPOSITIONS DE MICROPARTICULES A PROTECTION THERMIQUE ET PROCEDE DE STERILISATION A LA VAPEUR APRES CONDITIONNEMENT</b><br/>[72] MISHRA, AWADHESH K., CA<br/>[71] RTP PHARMA INC., US<br/>[85] 2000-11-28<br/>[86] 1999-05-28 (PCT/US99/11888)<br/>[87] 1999-12-02 (WO99/61001)<br/>[30] US (60/087,331) 1998-05-29</p> | <p style="text-align: right;">[21] <b>2,333,659</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C03C 17/245 6C23C 14/00 6C23C 14/08 6C03C 17/34</b><br/>[25] EN<br/>[54] <b>THERMOCHROMIC COATING</b><br/>[54] <b>REVETEMENT THERMOCHROMIQUE</b><br/>[72] SCHALCH, DIRK, DE<br/>[72] MEYER, BRUNO K., DE<br/>[72] CHRISTMANN, THOMAS, DE<br/>[71] MEYER, BRUNO K., DE<br/>[85] 2000-11-28<br/>[86] 1999-06-02 (PCT/EP99/03843)<br/>[87] 1999-12-09 (WO99/62836)<br/>[30] DE (198 24 800.8) 1998-06-03<br/>[30] DE (198 56 821.5) 1998-12-09<br/>[30] DE (198 60 026.7) 1998-12-23</p> | <p style="text-align: right;">[21] <b>2,333,662</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C03C 3/16 6C03C 4/00 6C03C 13/00</b><br/>[25] EN<br/>[54] <b>COMPOSITIONS OF WATER SOLUBLE GLASS</b><br/>[54] <b>COMPOSITIONS POUR LA FORMATION DE VERRE HYDROSOLUBLE</b><br/>[72] HEALY, DAVID MICHAEL, GB<br/>[71] GILTECH LIMITED, GB<br/>[85] 2000-11-29<br/>[86] 1999-05-27 (PCT/GB99/01677)<br/>[87] 1999-12-09 (WO99/62835)<br/>[30] GB (9811661.9) 1998-06-01</p>  |
| <p style="text-align: right;">[21] <b>2,333,652</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B23C 5/22 7B23B 27/16</b><br/>[25] EN<br/>[54] <b>A TANGENTIAL CUTTING INSERT</b><br/>[54] <b>ELEMENT DE COUPE TANGENTIEL</b><br/>[72] SATRAN, AMIR, IL<br/>[72] PENHAS, YUVAL, IL<br/>[72] EISEN, YARON, IL<br/>[71] ISCAR LTD., IL<br/>[85] 2000-11-28<br/>[86] 1999-06-29 (PCT/IL99/00357)<br/>[87] 2000-01-20 (WO00/02693)<br/>[30] IL (125331) 1998-07-13<br/>[30] IL (129297) 1999-03-31</p>   | <p style="text-align: right;">[21] <b>2,333,660</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/44</b><br/>[25] EN<br/>[54] <b>APPARATUS AND METHOD FOR PROCESSING SIGNALS SELECTED FROM MULTIPLE DATA STREAMS</b><br/>[54] <b>DISPOSITIF PERMETTANT DE TRAITER DES SIGNAUX SELECTIONNES PARMY PLUSIEURS TRAINS DE DONNEES</b><br/>[72] TAWIL, CARMEN, US<br/>[72] TAWIL, SALEEM, US<br/>[71] NORTHPOINT TECHNOLOGY, LTD., US<br/>[85] 2000-11-28<br/>[86] 1999-05-27 (PCT/US99/11777)<br/>[87] 1999-12-02 (WO99/62211)<br/>[30] US (09/085,925) 1998-05-28</p>                |  |

## PCT Applications Entering the National Phase

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[21] **2,333,663**  
[13] A1  
[51] **Int.Cl. 6H04N 7/173 6H04N 7/167**  
[25] EN  
[54] **SECURITY MODEL FOR INTERACTIVE TELEVISION APPLICATIONS**  
[54] **MODELE DE SECURITE POUR APPLICATIONS DE TELEVISION INTERACTIVE**  
[72] MENAND, JEAN RENE, US  
[72] DUREAU, VINCENT, US  
[72] SZYMANSKI, STEVEN, US  
[72] CHARI, SURESH N., US  
[71] OPENTV, INC., US  
[85] 2000-11-29  
[86] 1999-05-25 (PCT/US99/11537)  
[87] 1999-12-09 (WO99/63757)  
[30] US (09/087,386) 1998-05-29  
[30] US (09/196,964) 1998-11-20

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[21] **2,333,664**  
[13] A1  
[51] **Int.Cl. 6C07F 1/00**  
[25] EN  
[54] **POWDERY, SOLID RARE EARTH CARBOXYLATES WITH IMPROVED SOLUBILITY**  
[54] **CARBOXYLATES DES TERRES RARES SOLIDES, PULVERANTS, A SOLUBILITE AMELIOREE**  
[72] MORIN, ANNE-GAELLE, US  
[72] KEYER, JULIE LYNN SHREEVE, US  
[72] YUNLU, KENAN, US  
[72] CUIF, JEAN-PIERRE, FR  
[72] FORGERON, ANNE NADINE, CA  
[71] RHODIA RARE EARTHS INC., US  
[85] 2000-11-29  
[86] 1999-06-04 (PCT/US99/12448)  
[87] 1999-12-09 (WO99/62913)  
[30] US (60/088,266) 1998-06-05  
[30] US (09/322,684) 1999-05-28

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[21] **2,333,665**  
[13] A1  
[51] **Int.Cl. 6C07C 249/02**  
[25] EN  
[54] **PREPARATION OF QUINONEDIIMINES FROM PHENYLENEDIAMINES USING OXYGEN AND A METAL OR METAL SALT CATALYST**  
[54] **PREPARATION DE QUINONEDIIMINES A PARTIR DE PHENYLENEDIAMINES A L'AIDE D'OXYGENE ET D'UN METAL OU D'UN CATALYSEUR DE SEL METALLIQUE**  
[72] LODAYA, JAYANT S., US  
[72] FIELDS, DONALD L., JR., US  
[72] LOHR, RAYMOND, US  
[71] FLEXSYS AMERICA L.P., US  
[85] 2000-11-29  
[86] 1999-05-28 (PCT/US99/11868)  
[87] 1999-12-09 (WO99/62868)  
[30] US (60/087,754) 1998-06-02  
[30] US (09/322,820) 1999-05-28

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[21] **2,333,667**  
[13] A1  
[51] **Int.Cl. 6A61K 39/00 6C12N 15/00 6C07H 21/02 6A61K 39/02 6C07H 21/04 6C12P 21/04 6C12P 21/06 6A61K 39/108 6C12N 15/20**  
[25] EN  
[54] **MURD PROTEIN AND GENE OF PSEUDOMONAS AERUGINOSA**  
[54] **PROTEINE MURD ET GENE DE PSEUDOMONAS AERUGINOSA**  
[72] AZZOLINA, BARBARA, US  
[72] EL-SHERBEINI, MOHAMED, US  
[71] MERCK & CO., INC., US  
[85] 2000-11-29  
[86] 1999-05-26 (PCT/US99/11585)  
[87] 1999-12-02 (WO99/61050)  
[30] US (60/087,308) 1998-05-29

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[21] **2,333,668**  
[13] A1  
[51] **Int.Cl. 6C07J 43/00 6A61K 31/58**  
[25] EN  
[54] **17.BETA.-NITRO-11.BETA.-ARYLSTEROIDS AND THEIR DERIVATIVES HAVING AGONIST OR ANTAGONIST HORMONAL PROPERTIES**  
[54] **17.BETA.-NITRO-11.BETA.-ARYLSTEROIDES ET LEURS DERIVES PRESENTANT DES PROPRIETES HORMONALES AGONISTES OU ANTAGONISTES**  
[72] LEE, DAVID YUE-WEI, US  
[72] BARTLEY, GARY S., US  
[72] SHETTY, RUPA S., US  
[72] KEPLER, JOHN A., US  
[72] COOK, C., EDGAR, US  
[71] RESEARCH TRIANGLE INSTITUTE, US  
[85] 2000-11-29  
[86] 1999-05-28 (PCT/US99/10481)  
[87] 1999-12-09 (WO99/62929)  
[30] US (09/086,674) 1998-05-29

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[21] **2,333,669**  
[13] A1  
[51] **Int.Cl. 6C07J 17/00 6C07J 21/00 6C07J 41/00 6C07J 43/00 6A61K 31/56 6A61K 31/58 6A61K 31/695**  
[25] EN  
[54] **17.BETA.-AMINO AND HYDROXYLAMINO-11.BETA.-ARYLSTEROIDS AND THEIR DERIVATIVES HAVING AGONIST OR ANTAGONIST HORMONAL PROPERTIES**  
[54] **17.BETA.-AMINO ET HYDROXYLAMINO-11.BETA.-ARYLSTEROIDES ET LEURS DERIVES PRESENTANT DES PROPRIETES HORMONALES AGONISTES OU ANTAGONISTES**  
[72] SHETTY, RUPA S., US  
[72] KEPLER, JOHN A., US  
[72] BARTLEY, GARY S., US  
[72] COOK, C., EDGAR, US  
[71] RESEARCH TRIANGLE INSTITUTE, US  
[85] 2000-11-29  
[86] 1999-05-28 (PCT/US99/10480)  
[87] 1999-12-09 (WO99/62928)  
[30] US (09/086,560) 1998-05-29

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| <p style="text-align: right;">[21] <b>2,333,670</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G03H 1/02 6G01N 21/77</b><br/>[25] EN<br/>[54] <b>HOLOGRAPHIC SENSORS AND THEIR PRODUCTION</b><br/>[54] <b>CAPTEURS HOLOGRAPHIQUES ET PRODUCTION DE CES DERNIERS</b><br/>[72] BLYTH, JEFFREY, GB<br/>[72] LOWE, CHRISTOPHER ROBIN, GB<br/>[72] MAYES, ANDREW GEOFFREY, GB<br/>[72] MILLINGTON, ROGER BRADLEY, GB<br/>[71] CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED, GB<br/>[85] 2000-11-29<br/>[86] 1999-05-21 (PCT/GB99/01612)<br/>[87] 1999-12-09 (WO99/63408)<br/>[30] GB (9811655.1) 1998-05-29</p> | <p style="text-align: right;">[21] <b>2,333,677</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/18 6C12N 1/21 6G01N 33/50</b><br/>[25] EN<br/>[54] <b>NON-VIABLE CELL PREPARATION AND ASSAY REAGENT</b><br/>[54] <b>REACTIF DE DOSAGE ET DE PREPARATION DE CELLULES NON VIABLES</b><br/>[72] PRIMROSE, SANDY, GB<br/>[72] ISLES, KATHERINE, GB<br/>[72] LEWINGTON, JAY, GB<br/>[71] AZUR ENVIRONMENTAL LIMITED, GB<br/>[85] 2000-12-01<br/>[86] 1999-06-01 (PCT/GB99/01730)<br/>[87] 1999-12-09 (WO99/63107)<br/>[30] GB (9811845.8) 1998-06-02</p>   | <p style="text-align: right;">[21] <b>2,333,681</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/18</b><br/>[25] EN<br/>[54] <b>METHOD FOR CALCULATING THE VARIANCE</b><br/>[54] <b>PROCEDE DE CALCUL DE VARIANCE</b><br/>[72] NEIHOFF, BJORN, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-12-01<br/>[86] 1999-06-02 (PCT/EP99/03854)<br/>[87] 1999-12-09 (WO99/63451)<br/>[30] DE (198 25 070.3) 1998-06-04</p>   |
| <p style="text-align: right;">[21] <b>2,333,671</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H02M 1/12 7H05B 41/28</b><br/>[25] EN<br/>[54] <b>CIRCUIT FOR POWER-FACTOR CORRECTION</b><br/>[54] <b>CIRCUIT DE CORRECTION DU FACTEUR DE PUISSANCE</b><br/>[72] RAISER, FRANZ, DE<br/>[72] GULDNER, HENRY, DE<br/>[72] LEHNERT, KLAUS, DE<br/>[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE<br/>[85] 2000-11-29<br/>[86] 2000-02-18 (PCT/DE00/00461)<br/>[87] 2000-10-26 (WO00/64037)<br/>[30] DE (199 14 505.9) 1999-03-30</p>   | <p style="text-align: right;">[21] <b>2,333,678</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61B 3/10</b><br/>[25] EN<br/>[54] <b>KINETIC VISUAL FIELD APPARATUS AND METHOD</b><br/>[54] <b>APPAREIL ET PROCEDE PERMETTANT DE TESTER LE CHAMP VISUEL CINETIQUE</b><br/>[72] BRAEUNING, JOHANNES, DE<br/>[72] MCCLURE, RICHARD J., US<br/>[72] MASSENGILL, R. KEMP, US<br/>[71] VIRTUAL-EYE.COM, INC., US<br/>[85] 2000-11-29<br/>[86] 2000-03-24 (PCT/US00/07854)<br/>[87] 2000-10-05 (WO00/57772)<br/>[30] US (60/127,404) 1999-03-31</p>   | <p style="text-align: right;">[21] <b>2,333,682</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/675 6A61K 9/28</b><br/>[25] EN<br/>[54] <b>CYCLOPHOSPHAMIDE COATED TABLETS</b><br/>[54] <b>COMPRIMES DE CYCLOPHOSPHAMIDE POURVUS D'UN FILM</b><br/>[72] ENGEL, JURGEN, DE<br/>[72] RAWERT, JURGEN, DE<br/>[72] WICHERT, BURKHARD, DE<br/>[72] SAUERBIER, DIETER, DE<br/>[71] ASTA MEDICA AKTIENGESELLSCHAFT, DE<br/>[85] 2000-12-01<br/>[86] 1999-06-08 (PCT/EP99/03920)<br/>[87] 1999-12-23 (WO99/65499)<br/>[30] DE (198 26 517.4) 1998-06-15</p> |
| <p style="text-align: right;">[21] <b>2,333,675</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E06B 9/06 6E05F 17/00</b><br/>[25] EN<br/>[54] <b>DOOR OR GATE CLOSURE</b><br/>[54] <b>FERMETURE DE PORTE OU DE PORTAIL</b><br/>[72] SCHUTTE, WOLFGANG, DE<br/>[72] PUNCOH, MILAN, DE<br/>[71] SCHIEFFER TOR-UND SCHUTZSYSTEME GMBH, DE<br/>[85] 2000-11-29<br/>[86] 1998-07-30 (PCT/EP98/04780)<br/>[87] 1999-02-25 (WO99/09286)<br/>[30] DE (297 14 615.7) 1997-08-14</p>  | <p style="text-align: right;">[21] <b>2,333,679</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/48 6A61K 31/17 6A61K 31/27 6A61K 31/44</b><br/>[25] EN<br/>[54] <b>SMALL MOLECULE CARBAMATE OR UREA HAIR GROWTH COMPOSITIONS AND USES</b><br/>[54] <b>COMPOSITIONS POUR LA CROISSANCE DES CHEVEUX A BASE DE PETITES MOLECULES DE CARBAMATES OU D'UREES ET UTILISATION DE CES COMPOSITIONS</b><br/>[72] STEINER, JOSEPH P., US<br/>[72] HAMILTON, GREGORY S., US<br/>[71] GPI NIL HOLDINGS, INC., US<br/>[85] 2000-12-01<br/>[86] 1998-06-03 (PCT/US98/11243)<br/>[87] 1999-12-09 (WO99/62484)</p> | <p style="text-align: right;">[21] <b>2,333,683</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16H 27/02 6F16B 45/02</b><br/>[25] EN<br/>[54] <b>DEVICE FOR SECURING GEAR NUT ON ACTUATOR</b><br/>[54] <b>DISPOSITIF POUR FIXER UN ECROU D'ENGRENAGE SUR UN ACTIONNEUR</b><br/>[72] HECKEL, DONALD T., JR., US<br/>[71] P.L. PORTER CO., US<br/>[85] 2000-11-29<br/>[86] 1999-05-28 (PCT/US99/12168)<br/>[87] 1999-12-02 (WO99/61819)<br/>[30] US (09/087,069) 1998-05-29</p>   |



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[21] **2,333,684**  
[13] A1  
[51] **Int.Cl. 6H02M 7/00**  
[25] EN  
[54] **SOLID STATE TRANSFORMER**  
**SEMICONDUCTEURS**  
[72] SUDHOFF, SCOTT D., US  
[71] ABB POWER T & D COMPANY INC.,  
US  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/US99/12237)  
[87] 1999-12-09 (WO99/63650)  
[30] US (09/089,063) 1998-06-02

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[21] **2,333,685**  
[13] A1  
[51] **Int.Cl. 6A42B 3/32 6A42B 3/22 6A42B**  
**3/28**  
[25] EN  
[54] **HELMET**  
[54] **CASQUE**  
[72] LACROIX, PHILIPPE, BE  
[71] CROSS, S.A., BE  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/BE99/00069)  
[87] 1999-12-09 (WO99/62365)  
[30] BE (9800421) 1998-06-02  
[30] US (60/098,739) 1998-09-01

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[21] **2,333,686**  
[13] A1  
[51] **Int.Cl. 6G01N 33/543 6G01N 33/72**  
[25] EN  
[54] **METHOD AND DEVICE FOR**  
**ELECTROCHEMICAL**  
**IMMUNOASSAY OF MULTIPLE**  
**ANALYTES**  
[54] **PROCEDE ET DISPOSITIF**  
**D'IMMUNOESSAI**  
**ELECTROCHIMIQUE DE PLUSIEURS**  
**ANALYTES**  
[72] BUCK, HARVEY B., JR., US  
[72] DIEBOLD, ERIC R., US  
[72] DENG, ZHI D., US  
[71] ROCHE DIAGNOSTICS  
CORPORATION, US  
[85] 2000-11-29  
[86] 1999-05-28 (PCT/US99/11850)  
[87] 1999-12-09 (WO99/63346)  
[30] US (60/087,576) 1998-06-01

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[21] **2,333,687**  
[13] A1  
[51] **Int.Cl. 6C03C 3/16 6C03C 4/00**  
**6C03C 13/00 6C03C 3/19 6C03C 3/247**  
[25] EN  
[54] **WATER SOLUBLE GLASS**  
**COMPOSITION**  
[54] **COMPOSITIONS POUR LA**  
**FORMATION DE VERRE**  
**HYDROSOLUBLE**  
[72] HEALY, DAVID MICHAEL, GB  
[71] GILTECH LIMITED, GB  
[85] 2000-11-29  
[86] 1999-05-27 (PCT/GB99/01676)  
[87] 1999-12-09 (WO99/62834)  
[30] GB (9811663.5) 1998-06-01

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[21] **2,333,688**  
[13] A1  
[51] **Int.Cl. 6A61K 9/00 6A61K 31/21**  
**6A61K 9/22**  
[25] EN  
[54] **METHODS AND DEVICES FOR**  
**PROVIDING PROLONGED DRUG**  
**THERAPY**  
[54] **PROCEDES ET DISPOSITIFS**  
**SERVANT A MAINTENIR UN EFFET**  
**THERAPEUTIQUE PROLONGE**  
[72] GUPTA, SUNEEL K., US  
[72] HATAMKHANY, ZAHEDDEH, US  
[72] HAMEL, LAWRENCE G., US  
[72] LAM, ANDREW C., US  
[72] WEYERS, RICHARD G., US  
[72] WRIGHT, JERI D., US  
[72] GUINTA, DIANE R., US  
[72] SHIVANAND, PADMAJA, US  
[72] SAKS, SAMUEL R., US  
[72] CHRISTOPHER, CAROL A., US  
[72] AYER, ATUL D., US  
[71] ALZA CORPORATION, US  
[85] 2000-12-01  
[86] 1999-05-27 (PCT/US99/11920)  
[87] 1999-12-09 (WO99/62496)  
[30] US (60/087,787) 1998-06-03  
[30] US (09/253,317) 1999-02-19

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[21] **2,333,689**  
[13] A1  
[51] **Int.Cl. 6C07D 295/215 6C07D 233/48**  
**6A61K 31/495**  
[25] EN  
[54] **NEW NEUROKININ**  
**ANTAGONISTS, PROCESSES FOR**  
**PREPARING THEM AND**  
**PHARMACEUTICAL COMPOSITIONS**  
**CONTAINING SAID COMPOUNDS**  
[54] **NOUVEAUX ANTAGONISTES DE**  
**LA NEUROKININE, LEUR PROCEDE**  
**DE PRODUCTION ET COMPOSITIONS**  
**PHARMACEUTIQUES CONTENANT**  
**CES COMPOSES**  
[72] LUTTKE, SVEN, DE  
[72] ESSER, FRANZ, DE  
[72] DOLLINGER, HORST, DE  
[72] SCHNORRENBURG, GERD, DE  
[72] SPECK, GEORG, DE  
[72] JUNG, BIRGIT, DE  
[71] BOEHRINGER INGELHEIM  
PHARMA KG, DE  
[85] 2000-11-29  
[86] 1999-05-22 (PCT/EP99/03531)  
[87] 1999-12-09 (WO99/62893)  
[30] DE (198 24 470.3) 1998-05-30

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[21] **2,333,690**  
[13] A1  
[51] **Int.Cl. 6A61B 17/04 6A61B 17/068**  
**6A61B 17/12**  
[25] EN  
[54] **METHOD AND DEVICE FOR FULL**  
**THICKNESS RESECTIONING OF AN**  
**ORGAN**  
[54] **METHODE ET DISPOSITIF DE**  
**RESECTION TOTALE D'UN ORGANE**  
[72] KORTENBACH, JURGEN A., US  
[72] KRATSCH, PETER K., US  
[72] NUNEZ, GEORGE A., US  
[72] ADAMS, RONALD D., US  
[72] SULLIVAN, ROY H., III, US  
[72] SOLAR, MATTHEW S., US  
[72] MAIN, LAUREN O., US  
[72] SCHURR, MARC O., DE  
[72] BUSS, GERHARD F., DE  
[71] BOSTON SCIENTIFIC  
CORPORATION, BB  
[85] 2000-12-01  
[86] 1999-05-17 (PCT/US99/10856)  
[87] 2000-11-23 (WO00/69344)  
[30] US (09/100,393) 1998-06-19

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[13] A1  
[51] **Int.Cl. 6C07D 498/04 6C07D 209/00 6C07D 221/00 6C07D 223/00 6C07D 235/00 6C07D 271/00 6C07D 273/00 6C07D 285/00 6C07D 291/00 6C07D 487/04 6C07D 513/04 6C07D 515/04 6A61K 31/41 6A61K 31/415 6A61K 31/44 6A61K 31/535 6A61K 31/55 6C07F 9/6561**  
[25] EN  
[54] **HETEROBICYCLIC AND TRICYCLIC NITRIC OXIDE SYNTHASE INHIBITORS**  
[54] **INHIBITEURS HETEROBICYCLIQUES ET TRICYCLIQUES DE NO SYNTHETASE**  
[72] WEBBER, R. KEITH, US  
[72] YUAN, CHENGUANG, US  
[72] PITZELE, BARNETT S., US  
[72] MOORMANN, ALAN E., US  
[72] METZ, SUZANNE, US  
[72] AWASTHI, ALOK K., US  
[72] HANSEN, DONALD W., JR., US  
[72] HAGEN, TIMOTHY J., US  
[72] TOH, MIHALY V., US  
[72] SCHOLTEN, JEFFREY A., US  
[72] HALLINAN, E. ANN, US  
[72] SNYDER, JEFFERY S., US  
[72] SIKORSKI, JAMES A., US  
[72] MOORE, WILLIAM M., US  
[72] MASSA, MARK A., US  
[72] WANG, LIJUAN, US  
[71] G.D. SEARLE & CO., US  
[85] 2000-12-01  
[86] 1999-06-10 (PCT/US99/13200)  
[87] 1999-12-16 (WO99/64426)  
[30] US (60/088,823) 1998-06-10  
[30] US (60/135,865) 1999-05-25

[21] **2,333,692**  
[13] A1  
[51] **Int.Cl. 6G06F 17/60 6G06F 17/28**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CURRENCY CONVERSION**  
[54] **PROCEDE ET SYSTEME DE CONVERSION MONETAIRE**  
[72] NEMZOW, MARTIN A., US  
[71] NEMZOW, MARTIN A., US  
[85] 2000-12-01  
[86] 1999-03-30 (PCT/US99/06948)  
[87] 1999-10-07 (WO99/50776)  
[30] US (60/079,948) 1998-03-30  
[30] US (60/079,947) 1998-03-30  
[30] US (09/217,257) 1998-12-21

[21] **2,333,693**  
[13] A1  
[51] **Int.Cl. 6A61K 7/48**  
[25] EN  
[54] **N-LINKED UREA OR CARBAMATE OF HETEROCYCLIC THIOESTER HAIR GROWTH COMPOSITIONS AND USES**  
[54] **COMPOSITIONS POUR LA CROISSANCE DES CHEVEUX A BASE D'UREES OU DE CARBAMATES A LIAISON N DE THIOESTERS HETEROCYCLIQUES, ET UTILISATION DE CES COMPOSITIONS**  
[72] STEINER, JOSEPH P., US  
[72] HAMILTON, GREGORY S., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-01  
[86] 1998-06-03 (PCT/US98/11244)  
[87] 1999-12-09 (WO99/62485)

[21] **2,333,694**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **RESERVING COMMUNICATION CAPACITY IN CELLULAR NETWORKS**  
[54] **MISE EN RESERVE DE CAPACITE DE COMMUNICATION DANS DES RESEAUX CELLULAIRES**  
[72] SCHULTE-KELLINGHAUS, HERMANN, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-12-01  
[86] 1999-06-17 (PCT/EP99/04219)  
[87] 1999-12-29 (WO99/67969)  
[30] DE (198 27 939.6) 1998-06-23

[21] **2,333,695**  
[13] A1  
[51] **Int.Cl. 6F02C 7/052 6B01D 45/16**  
[25] EN  
[54] **INTEGRAL INERTIAL PARTICLE SEPARATOR FOR RADIAL INLET GAS TURBINE ENGINE**  
[54] **SEPARATEUR DE PARTICULES INERTIEL INTEGRE POUR MOTEUR A TURBINE A GAZ A ADMISSION RADIALE**  
[72] STOTEN, MICHAEL D., CA  
[71] PRATT & WHITNEY CANADA INC., CA  
[85] 2000-12-01  
[86] 1999-05-27 (PCT/CA99/00472)  
[87] 1999-12-09 (WO99/63211)  
[30] US (09/088,894) 1998-06-02

[21] **2,333,696**  
[13] A1  
[51] **Int.Cl. 6F26B 5/06 6B01J 2/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DRYING A POROUS MATRIX**  
[54] **PROCEDE ET APPAREIL POUR SECHER UNE MATRICE POREUSE**  
[72] JONASSEN, OLA, NO  
[72] SCHIEFLO, PER ARNE, NO  
[72] STROMMEN, INGVALD, NO  
[72] ODILIO, ALVES-FILHO, NO  
[71] LEIV EIRIKSSON NYFOTEK AS, NO  
[85] 2000-12-01  
[86] 1999-06-07 (PCT/NO99/00187)  
[87] 1999-12-16 (WO99/64802)  
[30] NO (19982626) 1998-06-08

[21] **2,333,697**  
[13] A1  
[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **DEVICE FOR MANAGING BODY FLUIDS COMPRISING A FAST ACQUIRING LIQUID HANDLING MEMBER THAT EXPANDS UPON LIQUID ACQUISITION AND CONTRACTS UPON LIQUID RELEASE**  
[54] **DISPOSITIF DE GESTION DE FLUIDES CORPORELS CONTENANT UN ELEMENT DE TRAITEMENT DE LIQUIDES A HAUTE CAPACITE D'ABSORPTION QUI SE DILATE LORS DE L'ABSORPTION DE LIQUIDES ET QUI SE CONTRACTE LORS DE LA LIBERATION DE LIQUIDES**  
[72] SCHMIDT, MATTIAS, DE  
[72] EHRNSPERGER, BRUNO JOHANNES, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-01  
[86] 1999-06-29 (PCT/US99/14641)  
[87] 2000-01-06 (WO00/00139)  
[30] US (PCT/US98/13449) 1998-06-29  
[30] US (PCT/US98/13497) 1998-06-29  
[30] US (PCT/US98/13521) 1998-06-29  
[30] US (PCT/US98/13523) 1998-06-29

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[21] **2,333,698**  
[13] A1  
[51] **Int.Cl. 6A61K 7/48 6C07K 5/02 6C07K 5/08 6A61K 31/435 6A61K 31/445 6A61K 31/50**  
[25] EN  
[54] **PIPECOLIC ACID DERIVATIVE HAIR GROWTH COMPOSITIONS AND USES**  
[54] **COMPOSITIONS POUR LA CROISSANCE DES CHEVEUX A BASE DE DERIVES D'ACIDE PIPECOLIQUE ET UTILISATION DE CES COMPOSITIONS**  
[72] STEINER, JOSEPH P., US  
[72] HAMILTON, GREGORY S., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-01  
[86] 1998-06-03 (PCT/US98/11242)  
[87] 1999-12-09 (WO99/62483)

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[21] **2,333,704**  
[13] A1  
[51] **Int.Cl. 7H05B 41/295**  
[25] EN  
[54] **CONTROL GEAR FOR FLUORESCENT LAMP**  
[54] **REGULATEUR DE PUISSANCE POUR LAMPE FLUORESCENTE**  
[72] KATAJA, JARI, FI  
[71] TEKNOWARE OY, FI  
[85] 2000-11-29  
[86] 2000-03-28 (PCT/FI00/00259)  
[87] 2000-10-05 (WO00/59272)  
[30] FI (990720) 1999-03-31

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[21] **2,333,707**  
[13] A1  
[51] **Int.Cl. 6A61K 31/535 6C07C 229/00 6C07C 321/00 6A01N 53/00 6A01N 43/02 6A01N 43/06 6A01N 37/08 6A01N 37/12 6A01N 43/26 6A01N 43/32 6A01N 43/38 6A01N 43/40 6A01N 43/54 6A01N 43/58 6A01N 43/60 6A01N 43/64 6C07C 59/74 6C07C 59/76 6C07C 69/76 6A01N 43/76 6A01N 43/82 6C07C 59/90**  
[25] EN  
[54] **HIV INTEGRASE INHIBITORS**  
[54] **INHIBITEURS DE VIH INTEGRASE**  
[72] TRAN, LEKHANG, US  
[72] YOUNG, STEVEN D., US  
[72] ZHUANG, LINGHANG, US  
[72] VACCA, JOSEPH P., US  
[72] PAYNE, LINDA S., US  
[72] EGBERTSON, MELISSA, US  
[72] MELAMED, JEFFREY, US  
[72] CLARK, DAVID L., US  
[72] MEDINA, JULIO C., US  
[72] WAI, JOHN S., US  
[72] FISHER, THORSTEN E., US  
[72] JAEN, JUAN C., US  
[72] LANGFORD, MARIE H., US  
[72] EMBREY, MARK W., US  
[72] GUARE, JAMES P., JR., US  
[71] MERCK & CO., INC., US  
[71] TULARIK, INC., US  
[85] 2000-11-29  
[86] 1999-06-01 (PCT/US99/12093)  
[87] 1999-12-09 (WO99/62520)  
[30] US (60/087,820) 1998-06-03  
[30] GB (9815175.6) 1998-07-13

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[21] **2,333,709**  
[13] A1  
[51] **Int.Cl. 7C12P 19/04 7A23K 1/14 7A23L 2/52 7A61K 31/736**  
[25] EN  
[54] **ENZYMATIC MODIFICATION OF PSYLLIUM**  
[54] **MODIFICATION ENZYMATIQUE DE PSYLLIUM**  
[72] YU, LIANGLI, US  
[72] DEVAY, GWEN E., US  
[72] LAI, GRACE H., US  
[72] NELSEN, SUSAN R., US  
[72] SIMMONS, CURTIS T., US  
[71] KELLOGG COMPANY, US  
[85] 2000-11-30  
[86] 1999-06-04 (PCT/US99/12592)  
[87] 1999-12-09 (WO99/63053)  
[30] US (60/088,313) 1998-06-05

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[21] **2,333,712**  
[13] A1  
[51] **Int.Cl. 6H04L 12/00**  
[25] EN  
[54] **COMMUNICATIONS NETWORK**  
[54] **RESEAU DE COMMUNICATION**  
[72] BRISCOE, ROBERT JOHN, GB  
[72] RIZZO, MICHAEL, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2000-11-29  
[86] 1999-06-04 (PCT/GB99/01773)  
[87] 1999-12-16 (WO99/65185)  
[30] GB (9812161.9) 1998-06-05  
[30] EP (98309609.0) 1998-11-24  
[30] GB (9825723.1) 1998-11-24  
[30] GB (9902052.1) 1999-01-29  
[30] GB (9902648.6) 1999-02-05

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[21] **2,333,713**  
[13] A1  
[51] **Int.Cl. 6H04J 14/02 6H04J 4/00 6H04J 14/00**  
[25] EN  
[54] **MULTIWAVELENGTH MODE-LOCKED DENSE WAVELENGTH DIVISION MULTIPLEXED OPTICAL COMMUNICATION SYSTEMS**  
[54] **SYSTEMES DE COMMUNICATION PAR FIBRE OPTIQUE MULTIPLEXES PAR REPARTITION DENSE EN LONGUEUR D'ONDE A LONGUEURS D'ONDE MULTIPLES A MODES BLOQUES**  
[72] CAMISA, RAYMOND L., US  
[72] ABELES, JOSEPH H., US  
[72] STEPHENS, WILLIAM E., US  
[72] CONNOLLY, JOHN C., US  
[71] SARNOFF CORPORATION, US  
[85] 2000-11-29  
[86] 1999-06-01 (PCT/US99/12109)  
[87] 1999-12-09 (WO99/63694)  
[30] US (60/087,522) 1998-06-01  
[30] US (09/184,906) 1998-11-03

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[21] **2,333,714**  
[13] A1

[51] **Int.Cl. 6A61L 15/00**  
[25] EN  
[54] **SHAPE-FORMED, THREE DIMENSIONAL, MOISTURE VAPOUR PERMEABLE, LIQUID IMPERMEABLE ARTICLES COMPRISING MOISTURE VAPOUR PERMEABLE, LIQUID IMPERMEABLE STRUCTURES COMPRISING LOW VISCOSITY THERMOPLASTIC COMPOSITIONS**  
[54] **ARTICLES FACONNES TRIDIMENSIONNELS, PERMEABLES A LA VAPEUR D'EAU, IMPERMEABLES AUX LIQUIDES COMPRENANT DES STRUCTURES PERMEABLES A LA VAPEUR D'EAU, IMPERMEABLES AUX LIQUIDES ET CONTENANT DES COMPOSITIONS THERMOPLASTIQUES A VISCOSITE BASSE**  
[72] CORZANI, ITALO, IT  
[72] PALUMBO, GIANFRANCO, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-29  
[86] 1999-06-09 (PCT/US99/13073)  
[87] 1999-12-16 (WO99/64078)  
[30] EP (98110597.6) 1998-06-09

[21] **2,333,715**  
[13] A1

[51] **Int.Cl. 6C07D 231/44 6C07D 401/04 6A01N 43/56**  
[25] EN  
[54] **SUBSTITUTED 3-THIOCARBAMOYLPIRAZOLES**  
[54] **3-THIOCARBAMOYLPIRAZOLES SUBSTITUES**  
[72] ERDELEN, CHRISTOPH, DE  
[72] MARHOLD, ALBRECHT, DE  
[72] GAU, WOLFGANG, DE  
[72] STOLTING, JORN, DE  
[72] ALIG, BERND, DE  
[72] HANSEN, OLAF, DE  
[72] MENCKE, NORBERT, DE  
[72] TURBERG, ANDREAS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-11-29  
[86] 1999-05-21 (PCT/EP99/03497)  
[87] 1999-12-09 (WO99/62886)  
[30] DE (198 24 487.8) 1998-06-02

[21] **2,333,716**  
[13] A1

[51] **Int.Cl. 6H04N 5/00 6H04N 7/16**  
[25] EN  
[54] **MODULE MANAGER FOR INTERACTIVE TELEVISION SYSTEM**  
[54] **GESTIONNAIRE DE MODULES POUR SYSTEME INTERACTIF DE TELEVISION**  
[72] GOODMAN, ANDREW, US  
[72] MENAND, JEAN RENE, US  
[71] OPENTV, INC., US  
[85] 2000-11-29  
[86] 1999-05-28 (PCT/US99/11908)  
[87] 1999-12-02 (WO99/62248)  
[30] US (09/087,269) 1998-05-29

[21] **2,333,717**  
[13] A1

[51] **Int.Cl. 6F03D 11/00**  
[25] EN  
[54] **WIND TURBINE WITH OSCILLATION DAMPING MEANS**  
[54] **EOLIENNE POURVUE D'UN SYSTEME D'AMORTISSEMENT DES OSCILLATIONS**  
[72] VELDKAMP, HERMAN F., DK  
[72] RASMUSSEN, FLEMMING, DK  
[72] RISAGER, LARS, DK  
[71] NEG MICON A/S, DK  
[85] 2000-11-29  
[86] 1999-05-31 (PCT/DK99/00289)  
[87] 1999-12-09 (WO99/63219)  
[30] DK ( PA 1998 00715) 1998-05-29

[21] **2,333,718**  
[13] A1

[51] **Int.Cl. 6A61L 15/34 6C09J 9/00 6C09J 11/00 6C09J 201/00 6A61F 13/15 6A61L 15/48 6A61L 15/58 6D04H 1/64**  
[25] EN  
[54] **HYGIENIC ARTICLE COMPRISING OIL RESISTANT, HYDROPHILIC ADHESIVE**  
[54] **ARTICLE D'HYGIENE AVEC UN ADHESIF HYDROPHILE RESISTANT A L'HUILE**  
[72] BUSAM, LUDWIG, DE  
[72] OPPER, HEIKE, DE  
[72] LINDNER, TORSTEN, DE  
[72] DIVO, MICHAEL, DE  
[72] HORN, THOMAS ALEXANDER, DE  
[72] MULLER, JORG, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-29  
[86] 1999-06-28 (PCT/US99/14603)  
[87] 2000-01-06 (WO00/00229)  
[30] EP (98111859.9) 1998-06-26  
[30] EP (98117904.7) 1998-09-22

[21] **2,333,719**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLE COMPRISING A LIQUID HANDLING MEMBER THAT RAPIDLY DISTRIBUTES ACQUIRED LIQUID**  
[54] **ARTICLE ABSORBANT COMPRENANT UN ELEMENT DE TRAITEMENT DU LIQUIDE DISTRIBUANT RAPIDEMENT LE LIQUIDE ACCEPTE**  
[72] EHRNSPERGER, BRUNO JOHANNES, DE  
[72] GOLDMAN, STEPHEN ALLEN, US  
[72] SCHMIDT, MATTIAS, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-29  
[86] 1999-06-29 (PCT/US99/14795)  
[87] 2000-01-06 (WO00/00149)  
[30] US (PCT/US98/13449) 1998-06-29  
[30] US (PCT/US98/13497) 1998-06-29  
[30] US (PCT/US98/13521) 1998-06-29  
[30] US (PCT/US98/13523) 1998-06-29

[21] **2,333,720**  
[13] A1

[51] **Int.Cl. 7D21F 3/00 7D21F 3/08**  
[25] EN  
[54] **METHOD OF PREVENTING OVER-ADHESION OF PAPER ONTO PRESS ROLL OF PAPER MACHINE**  
[54] **PROCEDE DE PREVENTION D'ADHERENCE EXCESSIVE DE PAPIER DANS LE ROULEAU DE PRESSE D'UNE MACHINE A PAPIER**  
[72] SEKIYA, HIROSHI, JP  
[72] SEKIYA, KUNIO, JP  
[71] MAINTECH CO., LTD., JP  
[85] 2000-11-29  
[86] 2000-03-31 (PCT/JP00/02116)  
[87] 2000-10-05 (WO00/58550)  
[30] JP (11/94404) 1999-03-31

[21] **2,333,722**  
[13] A1

[51] **Int.Cl. 7B30B 15/06**  
[25] EN  
[54] **IMPROVEMENTS TO PRESS PADS**  
[54] **AMELIORATIONS APPORTEES AUX COUSSINETS DE PRESSION**  
[72] DOUGLAS, MELVYN, GB  
[71] MARATHON BELTING LIMITED, GB  
[85] 2000-11-29  
[86] 1999-06-29 (PCT/GB99/02038)  
[87] 2000-01-13 (WO00/01522)  
[30] GB (9814133.6) 1998-07-01

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[21] **2,333,723**  
[13] A1

[51] **Int.Cl. 6H04B 17/00 6H04B 1/707**  
[25] EN  
[54] **PILOT STRENGTH MEASUREMENT AND MULTIPATH DELAY SEARCHER FOR CDMA RECEIVER**  
[54] **DISPOSITIF DE MESURE D'INTENSITE DE SIGNAUX PILOTE ET DE RECHERCHE DE VOIES DE PROPAGATION PAR TRAJETS MULTIPLES POUR RECEPTEUR AMCR**  
[72] SOUROUR, ESSAM ABDELFATTAH, US  
[72] BOTTOMLEY, GREG, US  
[72] RAMESH, RAJARAM, US  
[71] ERICSSON INC., US  
[85] 2000-11-30  
[86] 1999-06-11 (PCT/US99/13026)  
[87] 1999-12-16 (WO99/65157)  
[30] US (09/096,960) 1998-06-12

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[21] **2,333,724**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **SYSTEM AND METHOD FOR LOCATION-BASED GROUP SERVICES**  
[54] **SYSTEME ET PROCEDE POUR SERVICES COLLECTIFS LOCALISES**  
[72] ALPEROVICH, VLADIMIR, US  
[72] RAY, DIPANKAR, US  
[71] ERICSSON INC., US  
[85] 2000-11-29  
[86] 1999-06-11 (PCT/US99/13025)  
[87] 1999-12-23 (WO99/66757)  
[30] US (09/097,903) 1998-06-16

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[21] **2,333,725**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **EXEMPLAR WORKFLOW USED IN THE DESIGN AND DEPLOYMENT OF A WORKFLOW FOR MULTI-ENTERPRISE COLLABORATION**  
[54] **FLUX DE TRAVAUX EXEMPLAIRE UTILISE DANS LA CONCEPTION ET LE DEPLOIEMENT D'UN FLUX DE TRAVAUX DESTINE A LA COLLABORATION ENTRE PLUSIEURS ENTREPRISES**  
[72] WHIPPLE, MARK B., US  
[72] PARASNIS, ABHAY V., US  
[72] NOTANI, RANJIT N., US  
[71] I2 TECHNOLOGIES, INC., US  
[85] 2000-11-30  
[86] 1999-06-03 (PCT/US99/12349)  
[87] 1999-12-09 (WO99/63468)  
[30] US (09/092,348) 1998-06-05  
[30] US (09/156,434) 1998-09-18

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[21] **2,333,726**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6A61K 31/505**  
[25] EN  
[54] **COMPOSITIONS COMPRISING METHOTREXATE AND PENTOSTATIN FOR TREATING RHEUMATOID ARTHRITIS**  
[54] **COMPOSITIONS COMPRENANT METHOTREXATE ET PENTOSTATINE POUR TRAITER LA POLYARTHRITE RHUMATOIDE**  
[72] ALBERT, DANIEL A., US  
[71] SUPERGEN, INC., US  
[85] 2000-11-29  
[86] 1999-05-28 (PCT/US99/12010)  
[87] 1999-12-09 (WO99/62525)  
[30] US (09/092,286) 1998-06-05

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[21] **2,333,727**  
[13] A1

[51] **Int.Cl. 6G09B 17/02 6G09B 19/00 6G09B 19/06**  
[25] EN  
[54] **METHOD AND DEVICE FOR TEACHING LANGUAGE**  
[54] **METHODE ET DISPOSITIF POUR L'ENSEIGNEMENT DES LANGUES**  
[72] WEST, STEPHEN G., US  
[72] MEADE, PAUL D., US  
[71] LANGUAGE UNIVERSE, INC., US  
[85] 2000-11-30  
[86] 1997-05-30 (PCT/US97/08801)  
[87] 1998-12-03 (WO98/54684)

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[21] **2,333,728**  
[13] A1

[51] **Int.Cl. 6E04B 2/74**  
[25] EN  
[54] **PANEL PARTITION SYSTEM WITH CENTRALIZED POWER AND COMMUNICATION DISTRIBUTION**  
[54] **SYSTEME DE PANNEAUX DE SEPARATION AVEC ALIMENTATION ELECTRIQUE CENTRALISEE ET REPARTITION DE COMMUNICATIONS**  
[72] BOUCHE, TIMOTHY J., US  
[72] DIFFRIENT, NIELS, US  
[72] KOPISH, ANDREW J., US  
[71] KRUEGER INTERNATIONAL, INC., US  
[85] 2000-11-29  
[86] 1999-06-04 (PCT/US99/12479)  
[87] 1999-12-09 (WO99/63177)  
[30] US (09/092,474) 1998-06-05

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[21] **2,333,729**  
[13] A1

[51] **Int.Cl. 6H04L 12/28**  
[25] EN  
[54] **DYNAMIC BANDWIDTH ALLOCATION IN CDMA SYSTEM**  
[54] **ATTRIBUTION DYNAMIQUE DE LARGEUR DE BANDE DANS UN SYSTEME AMCR**  
[72] AMALFITANO, CARLO, US  
[72] PROCTOR, JAMES A., JR., US  
[72] GORSUCH, THOMAS E., US  
[71] TANTIVY COMMUNICATIONS, INC., US  
[85] 2000-11-29  
[86] 1999-05-26 (PCT/US99/11625)  
[87] 1999-12-09 (WO99/63713)  
[30] US (09/088,527) 1998-06-01

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[21] **2,333,730**  
[13] A1

[51] **Int.Cl. 7E21B 17/01**  
[25] EN  
[54] **DEVICE RELATED TO RISERS**  
[54] **DISPOSITIF POUR COLONNES MONTANTES**  
[72] FJELL, KNUT HARRY, NO  
[71] DEN NORSKE STATS OLJESELSKAP A.S., NO  
[85] 2000-11-29  
[86] 1999-05-31 (PCT/NO99/00170)  
[87] 1999-12-23 (WO99/66169)  
[30] NO (19982742) 1998-06-12

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[21] **2,333,731**  
[13] A1

[51] **Int.Cl. 7C07F 1/00 7C07F 3/00 7C09K 11/06 7H05B 33/14**  
[25] EN  
[54] **ORGANOMETALLIC COMPLEX MOLECULE AND ORGANIC ELECTROLUMINESCENT DEVICE USING THE SAME**  
[54] **MOLECULE DE COMPLEXE ORGANOMETALLIQUE ET DISPOSITIF ELECTROLUMINESCENT UTILISANT CETTE MOLECULE**  
[72] KIM, HYO-SEOK, KR  
[72] KIM, OK-HEE, KR  
[72] YOON, SEOK-HEE, KR  
[72] SON, SE-HWAN, KR  
[72] BAE, JAE-SOON, KR  
[72] LEE, YOUN-GU, KR  
[72] KIM, KONG-KYEOM, KR  
[71] LG CHEMICAL LTD., KR  
[85] 2000-11-30  
[86] 2000-03-30 (PCT/KR00/00289)  
[87] 2000-10-05 (WO00/58315)  
[30] KR (1999 11160) 1999-03-31

[21] **2,333,732**  
[13] A1

[51] **Int.Cl. 6C07F 15/00 6C07K 5/10 6G01N 33/58 6G01N 33/72 6C07K 14/805**  
[25] EN  
[54] **REDOX REVERSIBLE IMIDAZOLE-OSMIUM COMPLEX CONJUGATES**  
[54] **CONJUGUES D'UN COMPLEXE IMIDAZOLE-OSMIUM A OXYDO-REDUCTION REVERSIBLE**  
[72] BUCK, HARVEY B., JR., US  
[72] DENG, ZHI D., US  
[71] ROCHE DIAGNOSTICS CORPORATION, US  
[85] 2000-11-29  
[86] 1999-05-28 (PCT/US99/11855)  
[87] 1999-12-09 (WO99/62918)  
[30] US (60/087,576) 1998-06-01

[21] **2,333,733**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 17/00**  
[25] EN  
[54] **DIGITAL CASH AND METHOD OF COMMERCE**  
[54] **PAIEMENT ELECTRONIQUE ET PROCEDE DE COMMERCE ELECTRONIQUE**  
[72] MACDONALD, IVAN, IE  
[72] MOONEY, MICHAEL J. P., IE  
[72] O'NEILL, BRIAN, IE  
[71] CD-CASH (USA), L.L.C., US  
[85] 2000-11-30  
[86] 1999-12-03 (PCT/US99/28674)  
[87] 2000-10-12 (WO00/60512)  
[30] US (60/127,756) 1999-04-05  
[30] US (09/427,349) 1999-10-26

[21] **2,333,734**  
[13] A1

[51] **Int.Cl. 6A61F 2/16 6A61F 2/14**  
[25] EN  
[54] **ARTIFICIAL LENS INCLUDING A MULTIFOCAL LENS SYSTEM HAVING ECCENTRIC AXIS AND METHOD**  
[54] **LENTILLE ARTIFICIELLE COMPRENANT UN SYSTEME DE LENTILLES MULTIFOCAL AYANT UN AXE EXCENTRE ET PROCEDE S'Y RAPPORTANT**  
[72] HERRICK, ROBERT S., US  
[71] HERRICK FAMILY LIMITED PARTNERSHIP, US  
[85] 2000-11-30  
[86] 1998-04-30 (PCT/US98/09059)  
[87] 1999-11-11 (WO99/56671)

[21] **2,333,735**  
[13] A1

[51] **Int.Cl. 6C02F 1/42**  
[25] EN  
[54] **CENTER OPENING WATER TREATMENT TANK**  
[54] **RESERVOIR DE TRAITEMENT D'EAU A OUVERTURE CENTRALE**  
[72] KAJPUST, ANDREW J., US  
[72] WICHMANN, MARK E., US  
[72] MARTIN, BRADLEY S., US  
[71] UNITED STATES FILTER CORPORATION, US  
[85] 2000-11-30  
[86] 1999-06-02 (PCT/US99/12239)  
[87] 1999-12-09 (WO99/62827)  
[30] US (09/089,649) 1998-06-03

[21] **2,333,736**  
[13] A1

[51] **Int.Cl. 6A61K 7/40 6A61K 7/48 6A61K 7/50 6A61K 31/745**  
[25] EN  
[54] **ANTI-GERM ATTACHMENT - COMPOSITION**  
[54] **COMPOSITION ANTIFIXATION DE GERMES**  
[72] ANSARI, SHAMIM ALAM, US  
[72] POLEFKA, THOMAS GREGORY, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2000-11-30  
[86] 1999-05-27 (PCT/US99/11730)  
[87] 1999-12-09 (WO99/62474)  
[30] US (60/087,533) 1998-06-01  
[30] US (09/226,304) 1999-01-07  
[30] US (09/304,098) 1999-05-04

[21] **2,333,737**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MANAGING COLLABORATION WITHIN AND BETWEEN ENTERPRISES**  
[54] **PROCEDE ET SYSTEME POUR GERER LA COLLABORATION AU SEIN D'UNE ENTREPRISE ET ENTRE ENTREPRISES**  
[72] NOTANI, RANJIT N., US  
[72] PARASNIS, ABHAY V., US  
[72] WHIPPLE, MARK B., US  
[71] I2 TECHNOLOGIES, INC., US  
[85] 2000-11-30  
[86] 1999-06-03 (PCT/US99/12345)  
[87] 1999-12-09 (WO99/63464)  
[30] US (09/092,348) 1998-06-05  
[30] US (09/156,334) 1998-09-18

[21] **2,333,738**  
[13] A1

[51] **Int.Cl. 6E02D 17/20**  
[25] EN  
[54] **METHOD OF MAKING A COMPOSITE STRUCTURE**  
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE COMPOSITE**  
[72] HALL, ALETHEA ROSALIND MELANIE, ZA  
[71] HALL, ALETHEA ROSALIND MELANIE, ZA  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/IB99/00967)  
[87] 1999-12-09 (WO99/63167)  
[30] ZA (98/4685) 1998-06-01

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[21] **2,333,739**  
[13] A1

[51] **Int.Cl. 6E21B 43/38**  
[25] EN  
[54] **METHOD AND SYSTEM FOR SEPARATING AND INJECTING GAS IN A WELLBORE**  
[54] **PROCEDE ET SYSTEME POUR LA SEPARATION ET L'INJECTION DE GAZ DANS UN FORAGE**  
[72] BRADY, JERRY, US  
[72] KLEIN, JOHN, US  
[72] CAWVEY, JAMES, US  
[72] STEVENSON, MARK, US  
[71] ATLANTIC RICHFIELD COMPANY, US  
[85] 2000-11-30  
[86] 1999-05-27 (PCT/GB99/01675)  
[87] 1999-12-09 (WO99/63201)  
[30] US (09/088,499) 1998-06-01

[21] **2,333,740**  
[13] A1

[51] **Int.Cl. 6G02B 27/22**  
[25] EN  
[54] **APPARATUS FOR DISPLAYING A SUSPENDED IMAGE**  
[54] **APPAREIL DE PRESENTATION D'UNE IMAGE SUSPENDUE**  
[72] STYLES, SUSAN, GB  
[72] HOLDEN, JOHN GRAHAM, GB  
[71] CENTRAL RESEARCH LABORATORIES LIMITED, GB  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/GB99/01716)  
[87] 1999-12-09 (WO99/63391)  
[30] GB (9811780.7) 1998-06-03

[21] **2,333,741**  
[13] A1

[51] **Int.Cl. 6C06B 31/28 6C05C 1/02 6C01C 1/18**  
[25] EN  
[54] **AMMONIUM NITRATE BODIES AND A PROCESS FOR THEIR PRODUCTION**  
[54] **CORPS A BASE DE NITRATE D'AMMONIUM ET PROCEDE DE FABRICATION DE TELS CORPS**  
[72] PEDDIE, RONALD O., AU  
[72] COOPER, JOHN, GB  
[72] HSU, NOEL, CA  
[72] BRUES, MICHAEL, CA  
[71] PEDDIE, RONALD O., AU  
[71] COOPER, JOHN, GB  
[71] HSU, NOEL, CA  
[71] BRUES, MICHAEL, CA  
[85] 2000-11-30  
[86] 1999-06-02 (PCT/GB99/01752)  
[87] 1999-12-09 (WO99/62845)  
[30] GB (9811824.3) 1998-06-03

[21] **2,333,742**  
[13] A1

[51] **Int.Cl. 7H03G 1/04 7H03F 1/02 7H04B 1/04 7H04B 1/18 7H03F 1/32**  
[25] EN  
[54] **TRANSMITTER AND RECEIVER**  
[54] **EMETTEUR ET RECEPTEUR**  
[72] KINOMURA, MASAHIRO, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-11-30  
[86] 2000-03-16 (PCT/JP00/01591)  
[87] 2000-10-12 (WO00/60736)  
[30] JP (11-095425) 1999-04-01

[21] **2,333,743**  
[13] A1

[51] **Int.Cl. 6H04N 5/00**  
[25] EN  
[54] **DECODER FOR, AND METHOD OF, PROCESSING A TRANSPORT PACKET STREAM**  
[54] **DECODEUR ET PROCEDE POUR LE TRAITEMENT D'UN FLUX DE TRANSPORT ASSEMBLE EN MODE PAQUET**  
[72] DECLERCK, CHRISTOPHE, FR  
[71] CANAL + SOCIETE ANONYME, FR  
[85] 2000-11-30  
[86] 1999-06-08 (PCT/IB99/01164)  
[87] 1999-12-16 (WO99/65231)  
[30] EP (98401374.8) 1998-06-08

[21] **2,333,744**  
[13] A1

[51] **Int.Cl. 7H04Q 7/20**  
[25] EN  
[54] **COMMUNICATION TERMINAL DEVICE AND BASE STATION DEVICE**  
[54] **DISPOSITIF DE TERMINAL DE COMMUNICATION ET DISPOSITIF DE STATION DE BASE**  
[72] OKUBO, YOSHIYUKI, JP  
[72] HORIKAWA, IZUMI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-11-30  
[86] 2000-03-28 (PCT/JP00/01911)  
[87] 2000-10-12 (WO00/60884)  
[30] JP (11-096963) 1999-04-02  
[30] JP (2000-072819) 2000-03-15

[21] **2,333,745**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **WORKFLOW SYNCHRONIZATION**  
[54] **SYNCHRONISATION DES FLUX DE TRAVAUX**  
[72] NOTANI, RANJIT N., US  
[72] WHIPPLE, MARK B., US  
[72] PARASNIS, ABHAY V., US  
[71] I2 TECHNOLOGIES, INC., US  
[85] 2000-11-30  
[86] 1999-06-03 (PCT/US99/12351)  
[87] 1999-12-09 (WO99/63470)  
[30] US (09/092,348) 1998-06-05  
[30] US (09/156,333) 1998-09-18

[21] **2,333,746**  
[13] A1

[51] **Int.Cl. 6C08L 51/04 6C08L 25/12 6C08L 77/12 6C08K 5/42**  
[25] EN  
[54] **RESIN COMPOSITION FOR ELECTROSTATIC COATING**  
[54] **COMPOSITION DE RESINE POUR ENDUCTION ELECTROSTATIQUE**  
[72] SAKANO, HAJIME, TH  
[72] KAMIYAMA, SHIRO, JP  
[72] AOKI, HIROMICHI, JP  
[72] KOHAMA, KATSUMI, JP  
[72] TAKAGAWA, YASUNOBU, JP  
[71] NIPPON A & L INCORPORATED, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[85] 2000-11-30  
[86] 1998-06-12 (PCT/JP98/02610)  
[87] 1999-12-16 (WO99/64512)

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[21] **2,333,747**  
[13] A1  
[51] **Int.Cl. 6C07K 1/18 6C07K 16/06 6C07K 14/765**  
[25] EN  
[54] **SEPARATION OF PROTEIN MONOMERS FROM AGGREGATES BY USE OF ION-EXCHANGE CHROMATOGRAPHY**  
[54] **SEPARATION DES MONOMERES PROTEIQUES DES AGREGATS PAR L'UTILISATION DE LA CHROMATOGRAPHIE D'ECHANGE D'IONS**  
[72] LESTER, PHILIP, US  
[72] ANSALDI, DEBORAH, US  
[71] GENENTECH, INC., US  
[85] 2000-11-30  
[86] 1999-05-24 (PCT/US99/11598)  
[87] 1999-12-09 (WO99/62936)  
[30] US (60/087,602) 1998-06-01

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[21] **2,333,748**  
[13] A1  
[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR IMPLEMENTING OBJECT WORKSPACE AGENTS IN A DECISION SUPPORT ENVIRONMENT**  
[54] **SYSTEME ET PROCEDE POUR METTRE EN OEUVRE DES AGENTS DE L'ESPACE DE TRAVAIL D'OBJETS DANS UN ENVIRONNEMENT D'AIDE A LA DECISION**  
[72] NOTANI, RANJIT N., US  
[72] WHIPPLE, MARK B., US  
[72] PARASNIS, ABHAY V., US  
[71] I2 TECHNOLOGIES, INC., US  
[85] 2000-11-30  
[86] 1999-06-03 (PCT/US99/12347)  
[87] 1999-12-09 (WO99/63466)  
[30] US (09/092,348) 1998-06-05  
[30] US (09/156,265) 1998-09-18

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[21] **2,333,749**  
[13] A1  
[51] **Int.Cl. 6C11D 3/06 6C11D 3/10**  
[25] EN  
[54] **A CLEANING SOLUTION AND METHOD**  
[54] **SOLUTION ET PROCEDE DE LAVAGE**  
[72] SIAMON, AL, US  
[71] SIAMON, AL, US  
[85] 2000-11-30  
[86] 1999-06-07 (PCT/US99/12742)  
[87] 1999-12-23 (WO99/66015)  
[30] US (09/098,042) 1998-06-16

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[21] **2,333,750**  
[13] A1  
[51] **Int.Cl. 6A61K 38/00 6A61K 39/00 6A61K 45/00 6A61K 39/02 6A61K 39/35 6A61K 39/36 6A61K 39/38**  
[25] EN  
[54] **ADJUVANT THERAPY**  
[54] **THERAPIE ADJUVANTE**  
[72] UMETSU, DALE T., US  
[72] DEKRUYFF, ROSEMARIE H., US  
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US  
[85] 2000-11-30  
[86] 1999-06-23 (PCT/US99/14198)  
[87] 1999-12-29 (WO99/66947)  
[30] US (60/090,390) 1998-06-23

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[21] **2,333,751**  
[13] A1  
[51] **Int.Cl. 6A61K 9/00**  
[25] EN  
[54] **MEMBRANE-PERMEABLE INHIBITOR OF DYNAMIN-MEDIATED ENDOCYTOSIS**  
[54] **AMELIORATIONS APORTEES A L'ABSORPTION DE SUBSTANCES PAR DES CELLULES**  
[72] MCMAHON, HARVEY THOMAS, GB  
[71] MEDICAL RESEARCH COUNCIL, GB  
[85] 2000-11-30  
[86] 1999-06-01 (PCT/GB99/01723)  
[87] 1999-12-09 (WO99/62494)  
[30] GB (9811692.4) 1998-06-01

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[21] **2,333,752**  
[13] A1  
[51] **Int.Cl. 6A61K 31/70 6A61K 31/715**  
[25] EN  
[54] **AMINOSUGAR, GLYCOSAMINOGLYCAN, AND S-ADENOSYLMETHIONINE COMPOSITION FOR THE TREATMENT AND REPAIR OF CONNECTIVE TISSUE**  
[54] **COMPOSITION A BASE D'AMINOSUCRE, DE GLYCOSAMINOGLYCANE ET DE S-ADENOSYLMETHIONINE POUR LE TRAITEMENT ET LA REPARATION DES TISSUS CONJONCTIFS**  
[72] HENDERSON, ROBERT W., US  
[72] HAMMAD, TAREK, US  
[71] NUTRAMAX LABORATORIES, INC., US  
[85] 2000-11-30  
[86] 1998-06-04 (PCT/US98/11748)  
[87] 1999-12-09 (WO99/62524)

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[21] **2,333,753**  
[13] A1  
[51] **Int.Cl. 6A61L 2/26 6C12Q 1/22**  
[25] EN  
[54] **STERILIZATION INDICATOR WITH CHEMICALLY STABILIZED ENZYME**  
[54] **INDICATEUR DE STERILISATION PAR UNE ENZYME CHIMIQUEMENT STABILISEE**  
[72] FOLTZ, WILLIAM E., US  
[72] ASMUS, ROBERT A., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2000-11-30  
[86] 1999-05-19 (PCT/US99/11038)  
[87] 1999-12-09 (WO99/62569)  
[30] US (09/088,859) 1998-06-02  
[30] US (09/228,712) 1999-01-12

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[21] **2,333,754**  
[13] A1  
[51] **Int.Cl. 6B65B 51/00**  
[25] EN  
[54] **TAMPER RESISTANT CLOSURE**  
[54] **FERMETURE INVOLABLE**  
[72] STODDARD, LUTHER B., US  
[72] PACK, JERRY DALE, US  
[71] BURFORD CORP., US  
[85] 2000-11-30  
[86] 1999-06-01 (PCT/US99/12110)  
[87] 1999-12-09 (WO99/62768)  
[30] US (60/087,517) 1998-06-01

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[21] **2,333,755**  
[13] A1

[51] **Int.Cl. 6A01N 37/18 6A01N 37/00 6A01N 65/00 6A01N 43/04 6A01N 43/46 6A01N 43/50**

[25] EN

[54] **AGENTS AND METHODS FOR PROTECTION, TREATMENT AND REPAIR OF CONNECTIVE TISSUE**

[54] **UTILISATION D'AGENTS ANABOLISANTS, D'ANTI-CATABOLIQUES, D'ANTIOXYDANTS ET D'ANALGESIQUES AUX FINS DE LA PROTECTION, DU TRAITEMENT ET DE LA RESTAURATION DU TISSU CONJONCTIF CHEZ L'HOMME ET L'ANIMAL**

[72] HAMMAD, TAREK, US

[72] CORSON, BARBARA, US

[72] SOLIMAN, MEDHAT, EG

[72] HENDERSON, TODD R., US

[72] LIPIELLO, LOUIS, US

[72] HENDERSON, ROBERT, US

[71] NUTRAMAX LABORATORIES, INC., US

[85] 2000-11-30

[86] 1999-06-03 (PCT/US99/12152)

[87] 1999-12-09 (WO99/62459)

[30] US (60/088,205) 1998-06-05

[30] US (09/249,335) 1999-02-12

[30] US (09/274,881) 1999-03-23

[21] **2,333,756**  
[13] A1

[51] **Int.Cl. 6C07D 405/12 6C07D 319/20 6A61K 31/335**

[25] EN

[54] **N-BENZODIOXANYLMETHYL-1-PIPERIDYL-METHYLAMINE COMPOUNDS HAVING AFFINITY FOR 5-HT RECEPTORS**

[54] **COMPOSES DE N-BENZODIOXANYLMETHYL-1-PIPERIDYL-METHYLAMINE PRESENTANT UNE AFFINITE POUR DES RECEPTEURS 5-HT**

[72] BIRCH, ALAN MARTIN, GB

[72] WISHART, NEIL, GB

[71] KNOLL AKTIENGESELLSCHAFT, DE

[85] 2000-11-30

[86] 1999-05-26 (PCT/EP99/03648)

[87] 1999-12-09 (WO99/62902)

[30] GB (9811879.7) 1998-06-03

[21] **2,333,757**  
[13] A1

[51] **Int.Cl. 6A61B 5/107**

[25] EN

[54] **A DEVICE FOR MONITORING BLADDER URINE DISTENTION IN PATIENTS, AND A METHOD THEREOF**

[54] **DISPOSITIF ET TECHNIQUE PERMETTANT DE SURVEILLER LE DEGRE DE DISTENSION DE LA VESSIE CHEZ UN PATIENT**

[72] ABRAMOVITCH, AHARON, IL

[72] LOZINSKI, YULI, IL

[71] ALCOR MEDICAL INSTRUMENTS INC., US

[85] 2000-11-30

[86] 1999-05-28 (PCT/IL99/00283)

[87] 1999-12-09 (WO99/62402)

[30] IL (124703) 1998-06-01

[21] **2,333,758**  
[13] A1

[51] **Int.Cl. 6C09K 3/18 6B32B 9/00 6C03C 17/30**

[25] EN

[54] **PROCESS FOR PRODUCING ARTICLE COATED WITH WATER-REPELLENT FILM, ARTICLE COATED WITH WATER-REPELLENT FILM, AND LIQUID COMPOSITION FOR WATER-REPELLENT FILM COATING**

[54] **PROCEDE POUR PRODUIRE UN ARTICLE RECOUVERT D'UN FILM HYDROFUGE, ARTICLE RECOUVERT D'UN FILM HYDROFUGE, ET COMPOSITION LIQUIDE POUR REVETEMENT A BASE D'UN FILM HYDROFUGE**

[72] TERANISHI, TOYOYUKI, JP

[72] SUNADA, TAKASHI, JP

[72] KAMITANI, KAZUTAKA, JP

[71] NIPPON SHEET GLASS CO., LTD., JP

[85] 2000-11-30

[86] 1999-06-03 (PCT/JP99/02985)

[87] 1999-12-09 (WO99/63022)

[30] JP (10/156337) 1998-06-04

[21] **2,333,759**  
[13] A1

[51] **Int.Cl. 6C07D 413/04 6C07D 413/14 6A01N 43/836**

[25] EN

[54] **OXADIAZOLINE DERIVATIVES AND THEIR USE AS INSECTICIDES**

[54] **DERIVES DE L'OXADIAZOLINE ET LEUR UTILISATION COMME INSECTICIDES**

[72] MASADA, SHINICHI, JP

[72] KJI, TOSHIYUKI, JP

[72] KANDO, YASUYUKI, JP

[72] AKAYAMA, ATSUO, JP

[72] NOGUCHI, MAKOTO, JP

[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP

[85] 2000-11-30

[86] 1999-05-31 (PCT/JP99/02876)

[87] 1999-12-09 (WO99/62903)

[30] JP (10/153166) 1998-06-02

[30] JP (10/234733) 1998-08-20

[30] JP (11/95559) 1999-04-01

[21] **2,333,760**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**

[25] EN

[54] **ABSORBENT ARTICLE COMPRISING A LIQUID HANDLING MEMBER HAVING HIGH SUCTION AND HIGH PERMEABILITY**

[54] **ARTICLE ABSORBANT CONTENANT UN ELEMENT DE TRAITEMENT DE LIQUIDES A HAUTE CAPACITE D'ABSORPTION ET PERMEABILITE ELEVEES**

[72] SCHMIDT, MATTIAS, DE

[72] EHRNSPERGER, BRUNO JOHANNES, DE

[72] YOUNG, GERALD ALFRED, US

[72] LAVON, GARY DEAN, DE

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2000-11-30

[86] 1999-06-29 (PCT/US99/14632)

[87] 2000-01-06 (WO00/00118)

[30] US (PCT/US98/13449) 1998-06-29

[30] US (PCT/US98/13497) 1998-06-29

[30] US (PCT/US98/13521) 1998-06-29

[30] US (PCT/US98/13523) 1998-06-29

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|---|--|--|
| <p style="text-align: right;">[21] <b>2,333,761</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/56</b><br/>[25] EN<br/>[54] <b>EXPANDABLE PREFORMED STRUCTURES FOR DEPLOYMENT IN INTERIOR BODY REGIONS</b><br/>[54] <b>STRUCTURES PREFORMEES EXPANSIBLES A DEPLOYER DANS DES ZONES CORPORELLES INTERNES</b><br/>[72] TALMADGE, KAREN D., US<br/>[72] SCRIBNER, ROBERT M., US<br/>[71] KYPHON INC., US<br/>[85] 2000-11-30<br/>[86] 1999-06-01 (PCT/US99/12120)<br/>[87] 1999-12-09 (WO99/62416)<br/>[30] US (09/088,459) 1998-06-01</p>   | <p style="text-align: right;">[21] <b>2,333,764</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/06</b><br/>[25] EN<br/>[54] <b>DEFORMABLE SCAFFOLDING MULTICELLULAR STENT</b><br/>[54] <b>STENT MULTICELLULAIRE A SQUELETTE DEFORMABLE</b><br/>[72] KIM, STEVEN W., US<br/>[71] TRANSVASCULAR, INC., US<br/>[85] 2000-11-30<br/>[86] 1999-05-13 (PCT/US99/10645)<br/>[87] 1999-12-09 (WO99/62430)<br/>[30] US (09/089,032) 1998-06-02</p>   | <p style="text-align: right;">[21] <b>2,333,767</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/42</b><br/>[25] EN<br/>[54] <b>DISPOSABLE ABSORBANT ARTICLE HAVING A RESPONSIVE SYSTEM INCLUDING A FEEDBACK CONTROL LOOP</b><br/>[54] <b>ARTICLE ABSORBANT JETABLE MUNI D'UN SYSTEME REACTIF COMPRENANT UNE BOUCLE DE COMMANDE A RETROACTION</b><br/>[72] KRUCHININ, MIKHAIL, RU<br/>[72] SCHMIDT, MATIAS, DE<br/>[72] RONN, KARL PATRICK, US<br/>[72] EHRNSPERGER, BRUNO JOHANNES, DE<br/>[72] KHOMJAKOV, OLEG NIKOLAEVICH, RU<br/>[72] LITVIN, SIMON SOLOMONOVICH, US<br/>[72] ROE, DONALD CARROLL, US<br/>[72] ALLEN, PATRICK JAY, US<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-11-30<br/>[86] 1999-06-29 (PCT/US99/14882)<br/>[87] 2000-01-06 (WO00/00150)<br/>[30] US (09/107,563) 1998-06-29</p> |
| <p style="text-align: right;">[21] <b>2,333,762</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/00 6A61K 7/06</b><br/>[25] EN<br/>[54] <b>TRANSPARENT HAIR CONDITIONING COMPOSITION COMPRISING BREAKABLE VISIBLE PARTICLE</b><br/>[54] <b>COMPOSITION TRANSPARENTE POUR LE CONDITIONNEMENT DES CHEVEUX COMPRENANT UNE PARTICULE VISIBLE CASSABLE</b><br/>[72] COX, BRUCE RUSSELL, JP<br/>[72] MITSUMATSU, ARATA, JP<br/>[72] SAKO, TAKASHI, JP<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-11-30<br/>[86] 1998-07-30 (PCT/US98/15854)<br/>[87] 2000-02-10 (WO00/06090)</p> | <p style="text-align: right;">[21] <b>2,333,765</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b><br/>[25] EN<br/>[54] <b>ABSORBENT ARTICLE INSTANTANEOUSLY STORING LIQUID IN A PREDEFINED PATTERN</b><br/>[54] <b>ARTICLE ABSORBANT PERMETTANT DE STOCKER INSTANTANEMENT UN LIQUIDE SELON UN SCHEMA PREDEFINI</b><br/>[72] SCHMIDT, MATTIAS, DE<br/>[72] EHRNSPERGER, BRUNO JOHANNES, DE<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-11-30<br/>[86] 1999-06-29 (PCT/US99/14646)<br/>[87] 2000-01-06 (WO00/00140)<br/>[30] US (PCT/US98/13449) 1998-06-29<br/>[30] US (PCT/US98/13497) 1998-06-29<br/>[30] US (PCT/US98/13521) 1998-06-29<br/>[30] US (PCT/US98/13523) 1998-06-29</p> | <p style="text-align: right;">[21] <b>2,333,768</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08F 10/00 6C08F 4/26 6C08F 4/70</b><br/>[25] EN<br/>[54] <b>SUPPORTED GROUP 8-10 TRANSITION METAL OLEFIN POLYMERIZATION CATALYSTS</b><br/>[54] <b>CATALYSEURS SUR SUPPORTS DE POLYMERISATION OLEFINIQUE UTILISANT DES METAUX DE TRANSITION DES GROUPES 8-10</b><br/>[72] LAVOIE, GINO GEORGES, US<br/>[72] MOODY, LESLIE SHANE, US<br/>[72] KILLIAN, CHRISTOPHER MOORE, US<br/>[72] MACKENZIE, PETER BORDEN, US<br/>[71] EASTMAN CHEMICAL COMPANY, US<br/>[85] 2000-11-30<br/>[86] 1999-05-28 (PCT/US99/12074)<br/>[87] 1999-12-09 (WO99/62968)<br/>[30] US (09/088,223) 1998-06-01<br/>[30] US (09/177,099) 1998-10-22</p>   |
| <p style="text-align: right;">[21] <b>2,333,763</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04B 17/00</b><br/>[25] EN<br/>[54] <b>SYSTEM AND METHOD FOR ANTENNA FAILURE DETECTION</b><br/>[54] <b>SYSTEME ET PROCEDE SERVANT A DETECTER UNE PANNE D'ANTENNE</b><br/>[72] BRUNIUS, ROBERT E., US<br/>[72] CHARAIS, JOHN R., US<br/>[71] INTERACTIVE TECHNOLOGIES, INC., US<br/>[85] 2000-11-30<br/>[86] 1999-06-02 (PCT/US99/12227)<br/>[87] 1999-12-09 (WO99/63687)<br/>[30] US (09/090,108) 1998-06-03</p>  | <p style="text-align: right;">[21] <b>2,333,766</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/50 6A61K 7/48</b><br/>[25] EN<br/>[54] <b>LIQUID AQUEOUS COMPOSITION WITH IMPROVED STABILITY</b><br/>[54] <b>COMPOSITION AQUEUSE LIQUIDE PRESENTANT UNE STABILITE AMELIOREE</b><br/>[72] PARLE-SCHMITZ, ELIZABETH K., US<br/>[71] COLGATE-PALMOLIVE COMPANY, US<br/>[85] 2000-11-30<br/>[86] 1999-05-27 (PCT/US99/11834)<br/>[87] 1999-12-09 (WO99/62493)<br/>[30] US (60/087,534) 1998-06-01<br/>[30] US (09/192,252) 1998-11-13</p>   |  |

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[21] **2,333,769**  
[13] A1

[51] **Int.Cl. 6G01M 15/00**  
[25] EN  
[54] **MAGNETIC CLAMPING FOR IN-PROCESS VERIFICATION**  
[54] **BLOCAGE MAGNETIQUE POUR VERIFICATION EN COURS DE FABRICATION**  
[72] JURANITCH, JAMES C., US  
[72] THEISZ, LAWRENCE C., US  
[72] OLSCHEFSKI, ROBERT D., US  
[71] VERI-TEK, INC., US  
[85] 2000-11-30  
[86] 1999-05-25 (PCT/US99/11545)  
[87] 1999-12-09 (WO99/63318)  
[30] US (09/088,794) 1998-06-01

[21] **2,333,770**  
[13] A1

[51] **Int.Cl. 6C07D 495/04 6C07D 221/00 6C07D 235/00 6C07D 237/00 6C07D 239/00 6C07D 263/00 6C07D 277/00 6C07D 307/00 6C07D 333/00 6C07D 471/04 6C07D 491/04 6C07D 498/04 6C07D 513/04 6A61K 31/44 6A61K 31/50 6A61K 31/505**  
[25] EN  
[54] **CELL ADHESION-INHIBITING ANTINFLAMMATORY COMPOUNDS**  
[54] **COMPOSES ANTI-INFLAMMATOIRES INHIBANT L'ADHESION CELLULAIRE**  
[72] ARENDSSEN, DAVID L., US  
[72] STAEGER, MICHAEL A., US  
[72] MORT, NICHOLAS A., US  
[72] BHATIA, PRAMILA, US  
[72] MCCARTY, CATHERINE M., US  
[72] PATEL, MEENA V., US  
[72] CONDROSKI, KEVIN R., US  
[72] LARTEY, KRAIG, US  
[72] ZHU, GUI-DONG, US  
[72] GUNAWARDANA, INDRANI W., US  
[72] STOUT, DAVID M., US  
[72] STEWART, ANDREW O., US  
[72] BOYD, STEVEN A., US  
[72] FREEMAN, JENNIFER C., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-11-30  
[86] 1999-06-03 (PCT/US99/12419)  
[87] 1999-12-09 (WO99/62908)  
[30] US (09/090,701) 1998-06-04

[21] **2,333,771**  
[13] A1

[51] **Int.Cl. 6C07D 333/74 6C07D 277/04 6C07D 277/18 6C07D 333/22 6A61K 31/38 6A61K 31/425 6C07D 333/56**  
[25] EN  
[54] **HIV INTEGRASE INHIBITORS**  
[54] **INHIBITEURS DE VIH INTEGRASE**  
[72] YOUNG, STEVEN D., US  
[72] WAI, JOHN S., US  
[72] EMBREY, MARK W., US  
[72] FISHER, THORSTEN E., US  
[71] MERCK & CO., INC., US  
[85] 2000-11-30  
[86] 1999-06-01 (PCT/US99/12094)  
[87] 1999-12-09 (WO99/62897)  
[30] US (60/087,846) 1998-06-03  
[30] GB (9814925.5) 1998-07-09

[21] **2,333,852**  
[13] A1

[51] **Int.Cl. 7C12N 15/85 7A61K 48/00 7C12N 15/00 7A01K 67/027 7C12N 5/10 7C12N 15/11 7C12Q 1/68 7C12N 15/86**  
[25] EN  
[54] **A POLYNUCLEOTIDE COMPRISING A UBIQUITOUS CHROMATIN OPENING ELEMENT (UCOE)**  
[54] **POLYNUCLEOTIDE COMPORTANT UN ELEMENT D'OUVERTURE DE LA CHROMATINE UBIQUISTE (UCOE)**  
[72] ANTONIOU, MICHAEL, GB  
[72] CROMBIE, ROBERT, GB  
[71] COBRA THERAPEUTICS LIMITED, GB  
[85] 2001-01-11  
[86] 1999-07-21 (PCT/GB99/02357)  
[87] 2000-02-03 (WO00/05393)  
[30] GB (9815879.3) 1998-07-21  
[30] US (60/107,688) 1998-11-09  
[30] GB (9906712.6) 1999-03-23  
[30] US (60/127,410) 1999-04-01  
[30] GB (9909494.8) 1999-04-23  
[30] US (60/134,016) 1999-05-12

[21] **2,333,853**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 14/435**  
[25] EN  
[54] **MUCINS**  
[54] **MUCINES**  
[72] ANTALIS, TONI MARIE, AU  
[72] MCGUCKIN, MICHAEL ANDREW, AU  
[72] GOTLEY, DAVID CHARLES, AU  
[72] WILLIAMS, STEPHANIE JANE, AU  
[71] THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH, AU  
[71] THE CORPORATION OF THE TRUSTEES OF THE ORDER OF THE SISTERS OF MERCY IN, AU  
[85] 2001-01-16  
[86] 1999-07-16 (PCT/AU99/00579)  
[87] 2000-01-27 (WO00/04142)  
[30] AU (PP 4708) 1998-07-16

[21] **2,333,854**  
[13] A1

[51] **Int.Cl. 7C07H 21/00 7C12N 15/11 7A61K 31/70**  
[25] EN  
[54] **STEREoisOMERS OF CPG OLIGONUCLEOTIDES AND RELATED METHODS**  
[54] **STEREO-ISOMERES D'OLIGONUCLEOTIDES DE TYPE CPG ET PROCEDES CONNEXES**  
[72] KRIEG, ARTHUR M., US  
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US  
[85] 2001-01-15  
[86] 1999-07-27 (PCT/US99/17100)  
[87] 2000-02-10 (WO00/06588)  
[30] US (60/094,370) 1998-07-27

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[21] **2,333,855**  
[13] A1

[51] **Int.Cl. 7C12N 15/48 7A61K 48/00 7C12N 7/01 7C12N 5/10 7C07K 14/15 7A61K 38/16 7C12N 15/86**

[25] EN

[54] **ISOLATED AMPHIPHILIC PEPTIDES DERIVED FROM THE CYTOPLASMIC TAIL OF VIRAL ENVELOPE PROTEINS**  
[54] **PEPTIDES AMPHIPHILES ISOLEES DERIVES DE LA QUEUE CYTOPLASMIQUE DE PROTEINES DE L'ENVELOPPE VIRALE**

[72] ANDERSON, W. FRENCH, US

[72] ROZENBERG, YANINA, US

[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US

[85] 2001-01-08

[86] 1999-07-08 (PCT/IB99/01261)

[87] 2000-01-20 (WO00/02909)

[30] US (09/112,544) 1998-07-09

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[21] **2,333,856**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C07K 16/12 7C07K 14/195 7C12Q 1/68**

[25] EN

[54] **SEROTYPE-SPECIFIC PROBES FOR LISTERIA MONOCYTOGENES**  
[54] **SONDES SPECIFIQUES AUX SEROTYPES POUR LA LISTERIA MONOCYTOGENES**

[72] KATHARIOU, SOPHIA, US

[72] LEI, XIANG-HE, US

[71] UNIVERSITY OF HAWAII, US

[85] 2001-01-12

[86] 1999-07-14 (PCT/US99/15996)

[87] 2000-01-27 (WO00/04156)

[30] US (09/115,150) 1998-07-14

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[21] **2,333,857**  
[13] A1

[51] **Int.Cl. 6C12N 15/18 6C12N 5/10 6C12N 15/12 6G01N 33/50 6G01N 33/566 6C12N 15/63 6C07K 14/705**

[25] EN

[54] **GROWTH HORMONE SECRETAGOGUE RELATED RECEPTORS AND NUCLEIC ACIDS**  
[54] **RECEPTEURS ET ACIDES NUCLEIQUES EN RAPPORT AVEC UN SECRETAGOGUE D'HORMONE DE CROISSANCE**

[72] MCKEE, KAREN KULJU, US

[72] HOWARD, ANDREW D., US

[72] LIU, QINGYUN, US

[71] MERCK & CO., INC., US

[85] 2001-01-12

[86] 1999-07-13 (PCT/US99/15941)

[87] 2000-01-20 (WO00/02919)

[30] US (60/092,623) 1998-07-13

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[21] **2,333,868**  
[13] A1

[51] **Int.Cl. 6A61K 45/00 6A61K 31/38 6C07D 333/68**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF ITCHING COMPRISING PGD2 RECEPTORS ANTAGONISTS**

[54] **COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE DEMANGEAISON COMPRENANT DES ANTAGONISTES DES RECEPTEURS PGD2**

[72] ARIMURA, AKINORI, JP

[71] SHIONOGI & CO., LTD., JP

[85] 2000-11-29

[86] 1999-05-28 (PCT/JP99/02820)

[87] 1999-12-09 (WO99/62555)

[30] JP (10/154332) 1998-06-03

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[21] **2,333,869**  
[13] A1

[51] **Int.Cl. 6A61K 9/12**

[25] EN

[54] **MOUSSE COMPOSITION**  
[54] **COMPOSITION DE MOUSSE**

[72] ABRAM, ALBERT ZORKO, AU

[71] SOLTEC RESEARCH PTY. LTD., AU

[85] 2000-11-29

[86] 1999-09-08 (PCT/AU99/00735)

[87] 2000-03-23 (WO00/15193)

[30] AU (PP 5831) 1998-09-11

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[21] **2,333,870**  
[13] A1

[51] **Int.Cl. 6F23L 15/02**

[25] EN

[54] **CONSOLIDATED POPPET VALVE ASSEMBLY**

[54] **ENSEMBLE CLAPET CONSOLIDE**

[72] DE CLERC, JOHN D., US

[71] MEGTEC SYSTEMS, INC., US

[85] 2000-11-29

[86] 1999-05-18 (PCT/US99/11080)

[87] 1999-12-29 (WO99/67001)

[30] US (09/103,346) 1998-06-23

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[21] **2,333,872**  
[13] A1

[51] **Int.Cl. 6F16D 69/00**

[25] EN

[54] **MECHANICAL LOCK WITH A CAM-DRIVEN LOCKING PAWL**  
[54] **SERRURE MECANIQUE AVEC CLIQUET DE VERROUILLAGE ENTRAINE PAR CAME**

[72] ZHUANG, JIM, US

[72] TRIBBETT, KEVIN, US

[71] P.L. PORTER CO., US

[85] 2000-11-29

[86] 1999-05-28 (PCT/US99/12171)

[87] 1999-12-02 (WO99/61814)

[30] US (09/088,212) 1998-05-29

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## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,333,874</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/00</b><br/>[25] EN<br/>[54] <b>DIRECTIONALLY PREFERENTIAL WASTE PASSAGE MEMBER FOR USE WITH DISPOSABLE ABSORBENT ARTICLE</b><br/>[54] <b>ELEMENT DE PASSAGE DES DECHETS A DIRECTION PREFERENTIELLE POUR ARTICLE ABSORBANT JETABLE</b><br/>[72] SCHMIDT, MATTIAS, DE<br/>[72] EHRNSPERGER, BRUNO JOHANNES, DE<br/>[72] ROE, DONALD CARROLL, US<br/>[72] KHOMJAKOV, OLEG NIKOLAEVICH, RU<br/>[72] PINYAYEV, ALEKSEY MIKHAILOVICH, US<br/>[72] TETZ, VICTOR VENIAMINOVICH, RU<br/>[72] LITVIN, SIMON SOLOMONOVICH, US<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-11-29<br/>[86] 1999-06-29 (PCT/US99/14883)<br/>[87] 2000-01-06 (WO00/00119)<br/>[30] US (09/106,423) 1998-06-29</p> | <p style="text-align: right;">[21] <b>2,333,876</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A44B 18/00 6B65H 37/00</b><br/>[25] EN<br/>[54] <b>MECHANICAL RESTORATION OF A DEFORMED LOOP STRUCTURE</b><br/>[54] <b>RESTAURATION MECANIQUE D'UNE STRUCTURE A BOUCLES DEFORMEE</b><br/>[72] TOERNER, WILLIAM JOSEPH, US<br/>[72] REED, BRENDAN CHRISTOPHER, US<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-11-29<br/>[86] 1999-06-01 (PCT/IB99/00979)<br/>[87] 1999-12-16 (WO99/63852)<br/>[30] US (09/092,200) 1998-06-05</p>   | <p style="text-align: right;">[21] <b>2,333,881</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/28 6H04L 29/06</b><br/>[25] EN<br/>[54] <b>SYSTEM AND METHOD FOR PUSHING INFORMATION FROM A HOST SYSTEM TO A MOBILE DATA COMMUNICATION DEVICE</b><br/>[54] <b>SYSTEME ET PROCEDE PERMETTANT DE TRANSFERER DES INFORMATIONS DANS UN DISPOSITIF DE COMMUNICATION DE DONNEES MOBILE A PARTIR D'UN SYSTEME HOTE</b><br/>[72] LAZARIDIS, MIHAL, CA<br/>[72] MOUSSEAU, GARY P., CA<br/>[71] RESEARCH IN MOTION LIMITED, CA<br/>[85] 2000-11-28<br/>[86] 1999-05-28 (PCT/CA99/00494)<br/>[87] 1999-12-09 (WO99/63709)<br/>[30] US (09/087,623) 1998-05-29</p> |
| <p style="text-align: right;">[21] <b>2,333,875</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07F 15/00 6C07K 5/10 6G01N 33/58 6G01N 33/72 6C07K 14/805</b><br/>[25] EN<br/>[54] <b>REDOX REVERSIBLE BIPYRIDYL OSMIUM COMPLEX CONJUGATES</b><br/>[54] <b>CONJUGUES COMPLEXES DE BIPYRIDYLE-OSMIUM A REVERSIBILITE REDOX</b><br/>[72] DENG, ZHI D., US<br/>[72] BUCK, HARVEY B., JR., US<br/>[71] ROCHE DIAGNOSTICS CORPORATION, US<br/>[85] 2000-11-29<br/>[86] 1999-05-28 (PCT/US99/11891)<br/>[87] 1999-12-09 (WO99/62919)<br/>[30] US (60/087,576) 1998-06-01</p>  | <p style="text-align: right;">[21] <b>2,333,878</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/21</b><br/>[25] EN<br/>[54] <b>DESIGN AND PRODUCTION OF PRINT ADVERTISING AND COMMERCIAL DISPLAY MATERIALS OVER THE INTERNET</b><br/>[54] <b>CONCEPTION ET PRODUCTION DE MATERIAUX D'AFFICHAGE COMMERCIAL ET PUBLICITAIRE IMPRIMES SUR INTERNET</b><br/>[72] SPARKS, DON R., US<br/>[72] SCOTT, M. JAMES, US<br/>[72] TREMEL, WALLY, US<br/>[71] F.A.C. SERVICES GROUP, L.P., US<br/>[85] 2000-11-29<br/>[86] 1999-06-01 (PCT/US99/12179)<br/>[87] 1999-12-09 (WO99/63452)<br/>[30] US (09/088,173) 1998-06-01</p> | <p style="text-align: right;">[21] <b>2,333,882</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D01F 2/00 6D01D 5/098 6D04H 3/16 6D04H 1/56</b><br/>[25] EN<br/>[54] <b>METHODS OF MANUFACTURE OF NONWOVEN FABRIC</b><br/>[54] <b>PROCEDE SERVANT A FABRIQUER UN NON-TISSE</b><br/>[72] LAW, STEPHEN JOHN, GB<br/>[71] TENCEL LIMITED, GB<br/>[85] 2000-11-28<br/>[86] 1999-06-04 (PCT/GB99/01775)<br/>[87] 1999-12-16 (WO99/64649)<br/>[30] GB (9812089.2) 1998-06-05</p>   |
| <p style="text-align: right;">[21] <b>2,333,880</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 45/00 6A61K 38/18 6A61K 39/395</b><br/>[25] EN<br/>[54] <b>PREVENTIVES/REMEDIES FOR AUTOIMMUNE DEMYELINATING DISEASES</b><br/>[54] <b>PREPARATIONS DE PREVENTION / DE TRAITEMENT DE MALADIES DEMYELINISANTES AUTO-IMMUNES</b><br/>[72] YATOMI, TAKEHIRO, JP<br/>[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP<br/>[85] 2000-11-28<br/>[86] 1999-05-28 (PCT/JP99/02818)<br/>[87] 1999-12-09 (WO99/62554)<br/>[30] JP (10/149530) 1998-05-29</p>  | <p style="text-align: right;">[21] <b>2,333,884</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G09C 5/00 7G10L 21/00 7H03M 7/30 7H04N 1/387</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR SIGNAL PROCESSING</b><br/>[54] <b>PROCEDE ET DISPOSITIF DE TRAITEMENT DE SIGNAUX</b><br/>[72] SATO, HIDEO, JP<br/>[72] IGA, AKIRA, JP<br/>[72] EZAKI, TADASHI, JP<br/>[71] SONY CORPORATION, JP<br/>[85] 2000-11-28<br/>[86] 2000-03-31 (PCT/JP00/02073)<br/>[87] 2000-10-05 (WO00/58928)<br/>[30] JP (11/93570) 1999-03-31</p>  |  |

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[21] **2,333,885**  
[13] A1

[51] **Int.Cl. 6G06F 15/173 6H04L 12/28**  
[25] EN  
[54] **AN AUTOPOIETIC NETWORK SYSTEM ENDOWED WITH DISTRIBUTED ARTIFICIAL INTELLIGENCE FOR THE SUPPLY OF HIGH VOLUME HIGH-SPEED MULTIMEDIA TELESTHESIA, TELEMETRY, TELEKINESIS, TELEPRESENCE, TELEMANAGEMENT, TELECOMMUNICATIONS, AND DATA PROCESSING SERVICES**  
[54] **SYSTEME DE RESEAU AUTOPOIETIQUE DOTE D'UNE INTELLIGENCE ARTIFICIELLE DISTRIBUEE POUVANT FOURNIR A HAUTE VITESSE ET GRAND DEBIT DES SERVICES MULTIMEDIA DE TELESTHESIE, TELEMETRIE, TELEKINESIE, TELEPRESENCE, TELEGESTION, TELECOMMUNICATION ET DE SERVICES DE TRAITEMENT DE DONNEES**  
[72] MCGREGOR, ANDREW DRUMMOND, NZ  
[72] ARNOUX, LOUIS AUGUSTE, NZ  
[71] INDRANET TECHNOLOGIES LIMITED, NZ  
[85] 2000-11-28  
[86] 1999-05-21 (PCT/NZ99/00062)  
[87] 1999-12-09 (WO99/63450)  
[30] NZ (330544) 1998-05-29

[21] **2,333,886**  
[13] A1

[51] **Int.Cl. 7A61G 5/04 7B60G 3/26**  
[25] EN  
[54] **WHEELCHAIR STABILIZING ASSEMBLY**  
[54] **ENSEMBLE STABILISATEUR POUR FAUTEUIL ROULANT**  
[72] ALBERS, MICHAEL D., US  
[72] FOUGHT, GERALD E., US  
[71] INVACARE CORPORATION, US  
[85] 2000-11-28  
[86] 2000-07-06 (PCT/US00/18467)  
[87] 2001-02-08 (WO01/08623)  
[30] US (09/364,500) 1999-07-30

[21] **2,333,888**  
[13] A1

[51] **Int.Cl. 6C07F 9/6568 6C07B 53/00 6C07F 15/00 6B01J 31/24 6C07C 45/50**  
[25] EN  
[54] **PRODUCTION OF OPTICALLY ACTIVE PHOSPHOLANES**  
[54] **PRODUCTION DE PHOSPHOLANES OPTIQUEMENT ACTIFS**  
[72] BORNER, ARMIN, DE  
[72] STURMER, RAINER, DE  
[72] HOLZ, JENS, DE  
[72] VOSS, GUDRUN, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/EP99/03702)  
[87] 1999-12-09 (WO99/62917)  
[30] DE (198 24 121.6) 1998-05-29

[21] **2,333,890**  
[13] A1

[51] **Int.Cl. 6C12Q 1/56**  
[25] EN  
[54] **INHIBITION OF COAGULATION IN BLOOD AND BLOOD PRODUCTS**  
[54] **INHIBITION DE LA COAGULATION DU SANG ET DES PRODUITS SANGUINS**  
[72] MANN, KENNETH G., US  
[72] RAND, MATHEW D., US  
[72] CAWThERN, KEVIN M., US  
[71] UNIVERSITY OF VERMONT AND STATE AGRICULTURE COLLEGE, US  
[85] 2000-11-29  
[86] 1999-06-08 (PCT/US99/12631)  
[87] 1999-12-16 (WO99/64622)  
[30] US (60/088,488) 1998-06-08

[21] **2,333,891**  
[13] A1

[51] **Int.Cl. 7C12N 15/44 7A01K 67/027 7C07K 14/11 7C12N 15/65**  
[25] EN  
[54] **CONDITIONAL MUTANTS OF INFLUENZA VIRUS M2 PROTEIN**  
[54] **MUTANTS CONDITIONNELS DE LA PROTEINE DU VIRUS DE LA GRIPPE M2**  
[72] THOMAS, DAVID BRIAN, GB  
[72] HAY, ALAN JAMES, GB  
[72] SKINNER, ANITA, GB  
[71] MEDICAL RESEARCH COUNCIL, GB  
[85] 2001-01-09  
[86] 1999-07-09 (PCT/GB99/02204)  
[87] 2000-01-20 (WO00/03019)  
[30] GB (9815040.2) 1998-07-10

[21] **2,333,892**  
[13] A1

[51] **Int.Cl. 6G01N 22/00 6G01F 1/74**  
[25] EN  
[54] **A MICROWAVE FLUID SENSOR AND A METHOD FOR USING SAME**  
[54] **CAPTEUR DE FLUIDES A MICRO-ONDES ET PROCEDE D'UTILISATION**  
[72] BRINGSVOR, ARSTEIN, NO  
[72] NYFORS, EBBE, NO  
[71] MULTI-FLUID ASA, NO  
[85] 2000-11-29  
[86] 1999-06-02 (PCT/NO99/00179)  
[87] 1999-12-09 (WO99/63331)  
[30] NO (19982538) 1998-06-03

[21] **2,333,893**  
[13] A1

[51] **Int.Cl. 7A61K 38/00 7C07K 5/00 7C07K 7/00 7C07K 16/00 7C07K 17/00 7C07H 21/04 7A01N 43/04 7C12P 21/06 7C12P 21/08 7A01N 37/18 7G01N 33/48 7G01N 33/53 7G01N 33/574 7A61K 31/70**  
[25] EN  
[54] **DELTA CLEAVAGE PRODUCTS AND METHODS BASED THEREON**  
[54] **PRODUITS DE CLIVAGE DE DELTA ET PROCEDES ASSOCIES**  
[72] ARTAVANIS-TSAKONAS, SPYRIDON, US  
[72] RAND, MATTHEW D., US  
[72] QI, HUILIN, US  
[71] YALE UNIVERSITY, US  
[85] 2001-01-11  
[86] 1999-07-13 (PCT/US99/15817)  
[87] 2000-01-20 (WO00/02897)  
[30] US (60/092,513) 1998-07-13  
[30] US (60/104,834) 1998-10-19

[21] **2,333,894**  
[13] A1

[51] **Int.Cl. 7C11D 17/00 7C11D 3/386**  
[25] EN  
[54] **DETERGENT TABLET**  
[54] **PASTILLE DETERGENTE**  
[72] RICCI, PATRIZIO, BE  
[72] BINDER, CHRISTOPHER JAMES, GB  
[72] BENNIE, BRENDA FRANCES, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-29  
[86] 1999-07-09 (PCT/US99/14862)  
[87] 2000-01-27 (WO00/04128)  
[30] GB (9815525.2) 1998-07-17  
[30] GB (9911218.7) 1999-05-17

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[21] **2,333,895**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/28 7C07K 14/705**  
[25] EN  
[54] **SNURPOTINE I HUMAN M3G-CAP SPECIFIC NUCLEUS IMPORT RECEPTOR PROTEIN WITH NEW DOMAIN STRUCTURE, THE PRODUCTION AND USE THEREOF**  
[54] **SNURPORTINE 1, PROTEINE RECEPTRICE HUMAINE D'IMPORTATION DE NOYAU SPECIFIQUE M3G-CAP PRESENTANT UNE NOUVELLE STRUCTURE DE DOMAINE, SA PREPARATION ET SON UTILISATION**  
[72] HULS, CHRISTOPH, DE  
[72] HUBER, JOCHEN, DE  
[72] LUHRMANN, REINHARD, DE  
[72] SIMANDI, CLAUS, DE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG, DE  
[85] 2001-01-12  
[86] 1999-07-07 (PCT/EP99/04750)  
[87] 2000-01-27 (WO00/04144)  
[30] DE (198 31 382.9) 1998-07-14

[21] **2,333,897**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10 7C07K 14/415**  
[25] EN  
[54] **PROCESS TO COLLECT METABOLITES FROM MODIFIED NECTAR BY INSECTS**  
[54] **PROCEDE PERMETTANT D'UTILISER DES INSECTES POUR RECUEILLIR DES METABOLITES DANS UN NECTAR MODIFIE**  
[72] KATER, MARTIN MARIA, NL  
[72] CREEMERS, JANTINA, NL  
[72] ANGENENT, GERRIT CORNELIS, NL  
[71] STICHTING CENTRUM VOOR PLANTENVEREDELINGS-EN REPRODUKTIEONDERZOEK (CPRO-, NL  
[85] 2001-01-16  
[86] 1999-07-15 (PCT/NL99/00453)  
[87] 2000-01-27 (WO00/04176)  
[30] EP (98202375.6) 1998-07-16  
[30] EP (98204215.2) 1998-12-14

[21] **2,333,898**  
[13] A1

[51] **Int.Cl. 7C07K 14/31 7A61K 38/00 7A61P 37/02 7A61P 31/04 7A61K 39/085 7C07K 16/12 7A61P 31/18 7A61K 39/40 7G01N 33/68**  
[25] EN  
[54] **CHEMOTAXIS-INHIBITING PROTEIN OF STAPHYLOCOCCUS (CHIPS) AND ITS USE**  
[54] **PROTEINE DU STAPHYLOCOQUE INHIBITRICE DE CHIMIOTACTISME ET SON UTILISATION**  
[72] VAN STRIJP, JOHANNES ANTONIUS GERARDUS, NL  
[72] VAN KESSEL, CORNELIS PETRUS MARIA, NL  
[71] JARI PHARMACEUTICALS B.V., NL  
[85] 2001-01-09  
[86] 1999-07-12 (PCT/NL99/00442)  
[87] 2000-01-20 (WO00/02913)  
[30] NL (1009614) 1998-07-10

[21] **2,333,900**  
[13] A1

[51] **Int.Cl. 7C12M 1/34 7G01N 33/68**  
[25] EN  
[54] **SEPARATION AND DETECTION OF SPERMATOZOA**  
[54] **SEPARATION ET DETECTION DE SPERMATOZOIDES**  
[72] BATEMAN, PAUL NORTH, GB  
[71] GENOSIS LIMITED, GB  
[85] 2001-01-17  
[86] 1999-08-13 (PCT/GB99/02685)  
[87] 2000-02-24 (WO00/09648)  
[30] GB (9817795.9) 1998-08-14

[21] **2,333,901**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7A61K 48/00 7C12N 15/12**  
[25] EN  
[54] **LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE AGENT, COMPOSITION, KIT AND TREATMENTS**  
[54] **AGENT COMPRENANT DES OLIGONUCLEOTIDES ANTISENS A FAIBLE TENEUR EN ADENOSINE, COMPOSITION, TROUSSE ET TRAITEMENTS**  
[72] NYCE, JONATHAN W., US  
[71] EAST CAROLINA UNIVERSITY, US  
[85] 2001-01-17  
[86] 1999-08-03 (PCT/US99/17712)  
[87] 2000-02-24 (WO00/09525)  
[30] US (60/095,212) 1998-08-03

[21] **2,333,904**  
[13] A1

[51] **Int.Cl. 6F16K 17/30**  
[25] EN  
[54] **GAS STREAM MONITOR**  
[54] **CONTROLEUR DE FLUX GAZEUX**  
[72] SCHULZE, KLAUS, DE  
[71] MERTIK MAXITROL GMBH & CO. KG, DE  
[85] 2000-11-30  
[86] 1999-05-31 (PCT/EP99/03753)  
[87] 1999-12-09 (WO99/63254)  
[30] DE (298 09 839.3) 1998-06-02

[21] **2,333,905**  
[13] A1

[51] **Int.Cl. 6H04N 5/445**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING AUDIO CLIPS TO ENHANCE THE USER INTERFACE OF A SET-TOP TERMINAL**  
[54] **METHODE ET APPAREIL PERMETTANT DE FOURNIR DES AUDIOCLIPS POUR L'AMELIORATION DE L'INTERFACE UTILISATEUR D'UN TERMINAL D'ABONNE**  
[72] WALSH, RICHARD T., US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2000-11-30  
[86] 1999-04-30 (PCT/US99/09329)  
[87] 1999-12-09 (WO99/63754)  
[30] US (09/088,493) 1998-06-02

[21] **2,333,906**  
[13] A1

[51] **Int.Cl. 6A61K 7/46 6A61K 7/48 6C11D 3/50 6A61K 7/50**  
[25] EN  
[54] **SKIN CLEANSING COMPOSITION PROVIDING ENHANCED PERFUMED DEPOSITION**  
[54] **COMPOSITION DE NETTOYAGE DE LA PEAU A TENUE DU PARFUM AMELIOREE**  
[72] PAYNE, RICHARD K., US  
[72] CHUPA, JANINE, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/US99/12102)  
[87] 1999-12-09 (WO99/62477)  
[30] US (60/087,458) 1998-06-01  
[30] US (09/304,099) 1999-05-04

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[21] **2,333,907**  
[13] A1

[51] **Int.Cl. 6A61M 5/32 6A61M 5/50**  
[25] EN  
[54] **SAFETY SYRINGE WITH  
RETRACTABLE NEEDLE AND  
UNIVERSAL LUER COUPLING**  
[54] **SERINGUE DE SECURITE  
COMPRENANT UNE AIGUILLE  
RETRACTABLE ET UN  
RACCORDEMENT UNIVERSEL LUER**  
[72] SHARP, FRASER R., CA  
[72] MCLEAN, DONALD A., CA  
[71] INVIRO MEDICAL DEVICES LTD.,  
BB  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/CA99/00485)  
[87] 1999-12-09 (WO99/62575)  
[30] US (09/087,953) 1998-06-01

[21] **2,333,908**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/18  
7C07K 14/47**  
[25] EN  
[54] **GROUPS OF GENES EXPRESSED  
IN HUMAN DENDRITIC CELLS**  
[54] **GROUPES DE GENES EXPRIMES  
DANS DES CELLULES DENDRITIQUES  
HUMAINES**  
[72] HASHIMOTO, SHINICHI, JP  
[72] MATSUSHIMA, KOUJI, JP  
[72] SUZUKI, TAKUJI, JP  
[71] JAPAN SCIENCE AND  
TECHNOLOGY CORPORATION, JP  
[85] 2000-11-30  
[86] 2000-03-30 (PCT/JP00/02019)  
[87] 2000-10-12 (WO00/60074)  
[30] JP (11/95481) 1999-04-01

[21] **2,333,910**  
[13] A1

[51] **Int.Cl. 7C12N 15/18 7C12N 15/11  
7C12N 5/16 7A61K 38/18 7C07K 14/475  
7C07K 14/48 7G01N 33/53 7C12N 15/63  
7G01N 33/68 7C12Q 1/68**  
[25] EN  
[54] **NEUROTROPHIC GROWTH  
FACTOR**  
[54] **FACTEUR DE CROISSANCE  
NEUROTROPHIQUE**  
[72] MEERT, THEO FRANS, BE  
[72] VER DONCK, LUC AUGUST  
LAURENTIUS, BE  
[72] CIK, MIROSLAV, BE  
[72] GEERTS, HUGO ALFONSO, BE  
[72] MASURE, STEFAN LEO JOZEF, BE  
[71] JANSSEN PHARMACEUTICA N.V.,  
BE  
[85] 2001-01-11  
[86] 1999-07-14 (PCT/EP99/05031)  
[87] 2000-01-27 (WO00/04050)  
[30] GB (9815283.8) 1998-07-14  
[30] US (09/248,772) 1999-02-12  
[30] US (09/327,668) 1999-06-08

[21] **2,333,911**  
[13] A1

[51] **Int.Cl. 6A61B 3/10**  
[25] EN  
[54] **EYE EXAMINATION APPARATUS  
EMPLOYING POLARIZED LIGHT  
PROBE**  
[54] **APPAREIL D'EXAMEN DE L'OEIL  
DANS LEQUEL UNE SONDE  
LUMINEUSE POLARISEE EST  
UTILISEE**  
[72] DREHER, ANDREAS W., US  
[71] LASER DIAGNOSTIC  
TECHNOLOGIES, INC., US  
[85] 2000-11-30  
[86] 1999-04-29 (PCT/US99/09368)  
[87] 1999-12-09 (WO99/62397)  
[30] US (09/090,436) 1998-06-04

[21] **2,333,912**  
[13] A1

[51] **Int.Cl. 7C12N 15/85 7C12N 15/63  
7C12Q 1/68**  
[25] EN  
[54] **EXPRESSION SYSTEM  
CONTAINING CHIMERIC  
PROMOTERS WITH BINDING SITES  
FOR RECOMBINANT  
TRANSCRIPTION FACTORS**  
[54] **SYSTEMES D'EXPRESSION  
CONTENANT DES AGENTS  
PROMOTEURS CHIMERES DOTES DE  
POINTS DE LIAISON DESTINES A DES  
FACTEURS DE TRANSCRIPTION  
RECOMBINANTS**  
[72] MULLER, ROLF, DE  
[72] NETTELBECK, DIRK, DE  
[72] SEDLACEK, HANS-HARALD, DE  
[71] AVENTIS PHARMA DEUTSCHLAND  
GMBH, DE  
[85] 2001-01-12  
[86] 1999-07-01 (PCT/EP99/04527)  
[87] 2000-01-27 (WO00/04178)  
[30] DE (198 31 420.5) 1998-07-14

[21] **2,333,913**  
[13] A1

[51] **Int.Cl. 6A61M 5/28**  
[25] EN  
[54] **SYSTEM FOR STORING, MIXING  
AND ADMINISTERING A DRUG**  
[54] **SYSTEME DE STOCKAGE, DE  
MELANGE ET D'ADMINISTRATION  
D'UN MEDICAMENT**  
[72] GRABENKORT, RICHARD, US  
[72] SMITH, GARY N., US  
[72] ZIEGLER, JOHN S., US  
[72] LASAITIS, CON A., US  
[72] FELICELLI, ROBERT, US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-11-30  
[86] 1999-06-04 (PCT/US99/12587)  
[87] 1999-12-09 (WO99/62578)  
[30] US (09/092,516) 1998-06-05



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[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G06F 19/00**  
[25] EN  
[54] **MONOMER IDENTIFICATION IN SAMPLE MIXTURES OF POLYMERS**  
[54] **IDENTIFICATION DE MONOMERES DANS DES MELANGES D'ECHANTILLONS DE POLYMERES**  
[72] WEBSTER, TERESA A., US  
[71] AFFYMETRIX, INC., US  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/US99/11902)  
[87] 1999-12-09 (WO99/63113)  
[30] US (60/087,567) 1998-06-01  
[30] US (09/217,368) 1998-12-21

[21] **2,333,917**  
[13] A1

[51] **Int.Cl. 6C12N 15/11 6C12N 15/00 6C07H 21/02 6C07H 21/04 6C12N 15/63**  
[25] EN  
[54] **71 HUMAN SECRETED PROTEINS**  
[54] **71 PROTEINES HUMAINES SECRETEES**  
[72] LAFLEUR, DAVID W., US  
[72] MOORE, PAUL A., US  
[72] SHI, YANG-GU, US  
[72] DUAN, ROXANNE D., US  
[72] SOPPET, DANIEL R., US  
[72] KOMATSOULIS, GEORGE, US  
[72] RUBEN, STEVEN M., US  
[72] ROSEN, CRAIG A., US  
[72] EBNER, REINHARD, US  
[72] BREWER, LAURIE A., US  
[72] OLSEN, HENRIK S., US  
[72] FLORENCE, KIMBERLY A., US  
[72] MUCENSKI, MICHAEL, US  
[72] YOUNG, PAUL E., US  
[72] ENDRESS, GREGORY A., US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-01-15  
[86] 1999-07-14 (PCT/US99/15849)  
[87] 2000-01-27 (WO00/04140)  
[30] US (60/092,921) 1998-07-15  
[30] US (60/092,922) 1998-07-15  
[30] US (60/092,956) 1998-07-15

[21] **2,333,918**  
[13] A1

[51] **Int.Cl. 6G09B 3/00**  
[25] EN  
[54] **INTERACTIVE EDUCATIONAL TOY**  
[54] **JOUET EDUCATIF INTERACTIF**  
[72] WOOD, MICHAEL C., US  
[71] KNOWLEDGE KIDS ENTERPRISES, INC., US  
[85] 2000-11-30  
[86] 1999-05-27 (PCT/US99/11738)  
[87] 1999-12-16 (WO99/65007)  
[30] US (09/095,492) 1998-06-10

[21] **2,333,919**  
[13] A1

[51] **Int.Cl. 6C07K 14/44 6C12N 15/10 6C12N 15/11 6C07K 14/20 6C12N 15/30 6G01N 33/569 6C12N 15/64 6C12Q 1/68 6C12N 15/70**  
[25] FR  
[54] **PROTEINES DE TUBE POLAIRE DE MICROSPORIDIE, ACIDES NUCLEIQUES CODANT POUR CES PROTEINES ET LEURS APPLICATIONS**  
[54] **MICROSPORIDIUM POLAR TUBE PROTEINS, NUCLEIC ACIDS CODING FOR SAID PROTEINS AND THEIR USES**  
[72] DANCHIN, ANTOINE, FR  
[72] VIVARES, CHRISTIAN, FR  
[72] DELBAC, FREDERIC, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2001-01-05  
[86] 1999-07-06 (PCT/FR99/01630)  
[87] 2000-01-13 (WO00/01724)  
[30] FR (98/08692) 1998-07-07

[21] **2,333,920**  
[13] A1

[51] **Int.Cl. 6B32B 27/36 6B42D 15/00 6B42D 15/10**  
[25] EN  
[54] **BIODEGRADABLE CARD**  
[54] **CARTE BIODEGRADABLE**  
[72] TAKAGI, JUN, JP  
[72] TERADA, SHIGENORI, JP  
[71] MITSUBISHI PLASTICS, INC., JP  
[85] 2000-11-30  
[86] 1999-05-31 (PCT/JP99/02911)  
[87] 1999-12-09 (WO99/62710)  
[30] JP (10/154312) 1998-06-03  
[30] JP (10/269628) 1998-09-24

[21] **2,333,921**  
[13] A1

[51] **Int.Cl. 6C07K 19/00 6C07K 14/25 6A61K 39/385 6C07K 14/47**  
[25] EN  
[54] **VEROTOXIN B SUBUNIT FOR IMMUNIZATION**  
[54] **SOUS-UNITE B DE VEROTOXINE DESTINEE A UNE IMMUNISATION**  
[72] GREEN, ALLAN M., US  
[71] GREEN, ALLAN M., US  
[85] 2000-11-30  
[86] 1999-05-14 (PCT/US99/10679)  
[87] 1999-11-25 (WO99/59627)  
[30] US (60/085,693) 1998-05-15

[21] **2,333,922**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H01Q 3/02 7H01Q 3/26**  
[25] EN  
[54] **METHOD AND MEANS FOR DOWNLINK ANTENNA PATTERN DOWNTILTING**  
[54] **PROCEDE ET SYSTEME D'INCLINAISON VERS LE BAS DU DIAGRAMME D'ANTENNE DE LA STATION DE BASE**  
[72] MAZUR, SARA, SE  
[72] JOHANNISSON, BJORN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-30  
[86] 1999-06-10 (PCT/SE99/01034)  
[87] 1999-12-16 (WO99/65262)  
[30] US (09/095,137) 1998-06-10

[21] **2,333,923**  
[13] A1

[51] **Int.Cl. 7A61K 38/20 7A61K 9/02 7A61K 9/20 7A61K 39/395 7A61K 47/48**  
[25] EN  
[54] **TREATMENT OF CELIAC DISEASE WITH INTERLEUKIN-15 ANTAGONISTS**  
[54] **TRAITEMENT DE LA MALADIE COELIAQUE A L'AIDE D'ANTAGONISTES DE L'INTERLEUKINE-15**  
[72] MAIURI, LUIGI, IT  
[72] LONDEI, MARCO, GB  
[72] QUARATINO, SONIA, GB  
[71] THE MATHILDA AND TERENCE KENNEDY INSTITUTE OF RHEUMATOLOGY, GB  
[85] 2001-01-10  
[86] 1999-07-09 (PCT/GB99/02201)  
[87] 2000-01-20 (WO00/02582)  
[30] GB (9814892.7) 1998-07-10

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| <p style="text-align: right;">[21] <b>2,333,924</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/06</b><br/>[25] EN<br/>[54] <b>HAIR CONDITIONING COMPOSITION COMPRISING CARBOXYLIC ACID/CARBOXYLATE COPOLYMER AND AMPHOTERIC CONDITIONING AGENT</b><br/>[54] <b>COMPOSITION POUR LE CONDITIONNEMENT DES CHEVEUX COMPRENANT UN COPOLYMERE ACIDE CARBOXYLIQUE/ CARBOXYLATE, ET AGENT DE CONDITIONNEMENT AMPHOTERIQUE</b><br/>[72] COX, BRUCE RUSSELL, JP<br/>[72] SAKO, TAKASHI, JP<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-11-30<br/>[86] 1998-07-30 (PCT/US98/15852)<br/>[87] 2000-02-10 (WO00/06097)</p>  | <p style="text-align: right;">[21] <b>2,333,926</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08F 2/00</b><br/>[25] EN<br/>[54] <b>POLYMERIZATION METHOD</b><br/>[54] <b>PROCEDE DE POLYMERISATION</b><br/>[72] NAKAGAWA, YOSHIKI, JP<br/>[72] ONO, SHIGEKI, JP<br/>[71] KANEKA CORPORATION, JP<br/>[85] 2000-11-30<br/>[86] 1999-06-01 (PCT/JP99/02926)<br/>[87] 1999-12-09 (WO99/62959)<br/>[30] JP (10/151572) 1998-06-01<br/>[30] JP (10/151573) 1998-06-01<br/>[30] JP (10/172957) 1998-06-19</p>   | <p style="text-align: right;">[21] <b>2,333,929</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/11 7C07K 16/36 7A61K 47/48 7C07K 14/575 7C12N 9/68 7C12N 9/72 7C12N 9/74 7C07K 14/775 7C07K 14/78</b><br/>[25] EN<br/>[54] <b>SOLUBLE DERIVATIVES OF ANTI-ANGIOGENIC PEPTIDES</b><br/>[54] <b>DERIVES DE POLYPEPTIDES</b><br/>[72] BRIGHT, JEREMY RICHARD, GB<br/>[72] STEWARD, MICHAEL, GB<br/>[72] COX, VIVIENNE FRANCES, GB<br/>[72] SMITH, RICHARD ANTHONY GODWIN, GB<br/>[71] ADPROTECH LIMITED, GB<br/>[85] 2001-01-12<br/>[86] 1999-07-16 (PCT/GB99/02292)<br/>[87] 2000-01-27 (WO00/04052)<br/>[30] GB (9815505.4) 1998-07-16</p> |
| <p style="text-align: right;">[21] <b>2,333,925</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08F 8/00</b><br/>[25] EN<br/>[54] <b>PROCESS FOR PRODUCING POLYMER, THE POLYMER, AND CURABLE COMPOSITION COMPRISING THE POLYMER</b><br/>[54] <b>PROCEDE DE PRODUCTION DE POLYMERE, POLYMERE ET COMPOSITION DURCISSABLE COMPRENANT LE POLYMERE</b><br/>[72] NAKAGAWA, YOSHIKI, JP<br/>[72] KITANO, KENICHI, JP<br/>[72] FUJITA, MASAYUKI, JP<br/>[71] KANEKA CORPORATION, JP<br/>[85] 2000-11-30<br/>[86] 1999-06-01 (PCT/JP99/02927)<br/>[87] 1999-12-09 (WO99/62965)<br/>[30] JP (10/151574) 1998-06-01<br/>[30] JP (10/207323) 1998-07-23<br/>[30] JP (10/207325) 1998-07-23<br/>[30] JP (10/207326) 1998-07-23<br/>[30] JP (10/296619) 1998-10-19</p> | <p style="text-align: right;">[21] <b>2,333,927</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 239/48 6C07D 239/42 6A61K 31/505</b><br/>[25] EN<br/>[54] <b>PYRIMIDINES AND TRIAZINES AS INTEGRIN ANTAGONISTS</b><br/>[54] <b>ANTAGONISTES DE L'INTEGRINE</b><br/>[72] PITTS, WILLIAM J., US<br/>[72] JADHAV, PRABHAKAR K., US<br/>[71] DUPONT PHARMACEUTICALS COMPANY, US<br/>[85] 2000-11-30<br/>[86] 1999-03-29 (PCT/US99/06827)<br/>[87] 1999-10-07 (WO99/50249)<br/>[30] US (60/080,242) 1998-04-01</p>  | <p style="text-align: right;">[21] <b>2,333,931</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/085 7C08B 37/00 7C07H 11/00 7C07H 5/06 7C07H 13/12</b><br/>[25] EN<br/>[54] <b>POLYSACCHARIDE VACCINE FOR STAPHYLOCOCCAL INFECTIONS</b><br/>[54] <b>VACCIN DE POLYSACCHARIDE CONTRE LES INFECTIONS A STAPHYLOCCOQUES</b><br/>[72] MCKENNEY, DAVID, US<br/>[72] PIER, GERALD B., US<br/>[72] WANG, YING, US<br/>[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US<br/>[85] 2001-01-12<br/>[86] 1999-07-15 (PCT/US99/16129)<br/>[87] 2000-01-27 (WO00/03745)<br/>[30] US (60/093,117) 1998-07-15</p>  |
|   | <p style="text-align: right;">[21] <b>2,333,928</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/705 7C07K 7/06 7A61K 47/48 7G01N 33/566 7C07K 7/64 7G01N 33/68</b><br/>[25] EN<br/>[54] <b>COMPOUNDS AND METHODS FOR MODULATING CADHERIN-MEDIATED FUNCTIONS</b><br/>[54] <b>COMPOSES PERMETTANT DE MODULER DES FONCTIONS INDUITES PAR LA CADHERINE ET TECHNIQUES AFFERENTES</b><br/>[72] GOUR, BARBARA J., CA<br/>[72] DOHERTY, PATRICK, GB<br/>[72] BLASCHUK, OREST W., CA<br/>[71] ADHEREX TECHNOLOGIES, INC., CA<br/>[85] 2001-01-10<br/>[86] 1999-07-12 (PCT/CA99/00627)<br/>[87] 2000-01-20 (WO00/02917)<br/>[30] US (09/113,977) 1998-07-10</p> |   |

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[21] **2,333,932**  
[13] A1

[51] **Int.Cl. 6F23R 3/00**  
[25] EN  
[54] **IMPINGEMENT AND FILM COOLING FOR GAS TURBINE COMBUSTOR WALLS**  
[54] **REFROIDISSEMENT PAR IMPACT ET PAR GAINÉ D'AIR POUR PAROIS DE CHAMBRES DE COMBUSTION DE TURBINES A GAZ**  
[72] SZE, ROBERT M. L., CA  
[72] MCCALDON, KIAN, CA  
[72] SAMPATH, PARTHASARATHY, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[85] 2000-12-01  
[86] 1999-05-25 (PCT/CA99/00470)  
[87] 1999-12-09 (WO99/63274)  
[30] US (09/089,451) 1998-06-03

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[21] **2,333,934**  
[13] A1

[51] **Int.Cl. 6F01D 25/18**  
[25] EN  
[54] **FLUID DEFLECTING AND STRAINING SYSTEM**  
[54] **DISPOSITIF DE DEVIATION ET DE TAMISAGE DE FLUIDE**  
[72] MASSICOTTE, MICHEL, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[85] 2000-12-01  
[86] 1999-05-25 (PCT/CA99/00469)  
[87] 1999-12-09 (WO99/63205)  
[30] US (09/090,210) 1998-06-04

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[21] **2,333,936**  
[13] A1

[51] **Int.Cl. 6F23R 3/10 6F23R 3/00**  
[25] EN  
[54] **FILM COOLING STRIP FOR GAS TURBINE ENGINE COMBUSTION CHAMBER**  
[54] **BANDE DE REFROIDISSEMENT PAR GAINÉ D'AIR POUR CHAMBRE DE COMBUSTION DE MOTEUR A TURBINE A GAZ**  
[72] DESROCHES, ROBERT, CA  
[72] SAMPATH, PARTHASARATHY, CA  
[72] LECLAIR, DENIS, CA  
[72] CHEVREFILS, ANDRE, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[85] 2000-12-01  
[86] 1999-05-25 (PCT/CA99/00471)  
[87] 1999-12-09 (WO99/63275)  
[30] US (09/090,209) 1998-06-04

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[21] **2,333,937**  
[13] A1

[51] **Int.Cl. 6A61J 3/00**  
[25] EN  
[54] **APPARATUS FOR THE PREPARATION OF RADIOACTIVE SOLUTIONS**  
[54] **APPAREIL POUR LA PREPARATION DE SOLUTIONS RADIOACTIVES**  
[72] SIMON, JAIME, US  
[72] FRANK, R. KEITH, US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-11-30  
[86] 1999-06-01 (PCT/US99/11968)  
[87] 1999-12-09 (WO99/63547)  
[30] US (60/087,728) 1998-06-02

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[21] **2,333,938**  
[13] A1

[51] **Int.Cl. 6C07C 309/66 6A61K 31/19**  
[25] EN  
[54] **NEW 3-ARYL-2-HYDROXYPROPIONIC ACID DERIVATIVE (I)**  
[54] **NOUVEAUX DERIVES (I) D'ACIDE 3-ARYL-2-HYDROXYPROPIONIQUE**  
[72] ANDERSSON, KJELL, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-11-30  
[86] 1999-05-31 (PCT/SE99/00941)  
[87] 1999-12-09 (WO99/62872)  
[30] SE (9801992-0) 1998-06-04

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[21] **2,333,939**  
[13] A1

[51] **Int.Cl. 6B04B 3/04 6B04B 1/20**  
[25] EN  
[54] **CANTILEVER CENTRIFUGE WITH OUTWARDLY TAPERED SECOND CONICAL BOWL SECTION**  
[54] **CENTRIFUGEUSE EN PORTE-A-FAUX MUNI D'UNE DEUXIEME SECTION DE BOL CONIQUE EFFILE VERS L'EXTERIEUR**  
[72] LEUNG, WOON-FONG, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2000-11-30  
[86] 1998-10-08 (PCT/US98/21277)  
[87] 1999-12-09 (WO99/62639)  
[30] US (60/087,824) 1998-06-03

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[21] **2,333,940**  
[13] A1

[51] **Int.Cl. 6G06F 9/46 6H04Q 7/32**  
[25] EN  
[54] **COMMUNICATIONS SYSTEM HAVING A DISTRIBUTED OBJECT ARCHITECTURE**  
[54] **SYSTEME DE COMMUNICATION A ARCHITECTURE D'OBJETS REPARTIE**  
[72] COOK, PETER GIFFORD, US  
[72] SHARRIT, JOHN PAUL, US  
[71] MOTOROLA, INC., US  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/US99/11921)  
[87] 1999-12-09 (WO99/63436)  
[30] US (09/087,698) 1998-06-01

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[21] **2,333,941**  
[13] A1

[51] **Int.Cl. 6E04F 15/04**  
[25] EN  
[54] **LOCKING SYSTEM AND FLOORING BOARD**  
[54] **SYSTEME DE VERROUILLAGE ET LATTES DE REVETEMENT DE SOL**  
[72] PERVAN, DARKO, SE  
[71] VALINGE ALUMINIUM AB, SE  
[85] 2000-11-30  
[86] 1999-05-31 (PCT/SE99/00934)  
[87] 1999-12-23 (WO99/66152)  
[30] SE (9801986-2) 1998-06-03

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[21] **2,333,942**  
[13] A1

[51] **Int.Cl. 7C06B 25/34 7C06D 5/00**  
[25] EN  
[54] **PYROTECHNIC GAS GENERANT COMPOSITION INCLUDING HIGH OXYGEN BALANCE FUEL**  
[54] **COMPOSITION PYROTECHNIQUE GENERANT UN GAZ ET CARBURANT EQUILIBRE EN OXYGENE**  
[72] GRESO, AARON J., US  
[72] LUNDSTROM, NORMAN H., US  
[72] SCHEFFEE, ROBERT S., US  
[71] ATLANTIC RESEARCH CORPORATION, US  
[85] 2000-11-30  
[86] 1999-05-17 (PCT/US99/07049)  
[87] 2000-01-06 (WO00/00365)  
[30] US (09/094,406) 1998-06-10

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[21] **2,333,943**  
[13] A1

[51] **Int.Cl. 6C07D 499/04 6C07D 499/16 6C07D 499/18**  
[25] EN  
[54] **PROCESS FOR PREPARING CRYSTALLINE SALTS OF AMOXYCILLIN**  
[54] **PROCEDE DE PREPARATION DE SELS CRISTALLINS D'AMOXYCILLINE**  
[72] KOSAL, ESIN F., US  
[72] BUTTERLY, PAUL G., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-11-30  
[86] 1999-06-01 (PCT/US99/11991)  
[87] 1999-12-09 (WO99/62910)  
[30] US (60/087,554) 1998-06-01

[21] **2,333,945**  
[13] A1

[51] **Int.Cl. 6H04M 3/50**  
[25] EN  
[54] **AUTOMATIC CALL DISTRIBUTION SYSTEM**  
[54] **SYSTEME AUTOMATIQUE DE REPARTITION D'APPELS**  
[72] SMITH, ULYSSES GRANT JR., US  
[71] COGITO ECONOMIC SYSTEMS, INC., US  
[85] 2000-11-30  
[86] 1998-06-01 (PCT/US98/11092)  
[87] 1999-12-09 (WO99/63741)

[21] **2,333,946**  
[13] A1

[51] **Int.Cl. 6G01N 33/92**  
[25] EN  
[54] **METHOD FOR DETECTING A NEUROPATHOLOGY BY MEASURING APOLIPOPROTEIN D**  
[54] **PROCEDE PERMETTANT DE DETECTER UNE NEUROPATHOLOGIE EN MESURANT L'APOLIPOPROTEINE D**  
[72] RASSART, ERIC, CA  
[72] POIRIER, JUDES, CA  
[72] TERRISE, LAURENCE, CA  
[71] UNIVERSITÉ DU QUÉBEC A MONTRÉAL, CA  
[71] MCGILL UNIVERSITY, CA  
[85] 2000-11-30  
[86] 1999-06-01 (PCT/CA99/00503)  
[87] 1999-12-09 (WO99/63350)  
[30] US (09/087,769) 1998-06-01

[21] **2,333,947**  
[13] A1

[51] **Int.Cl. 6A61K 45/00 6C07D 471/04 6C07D 473/04 6A61K 31/435 6A61K 31/52**  
[25] EN  
[54] **REMEDIES FOR MALE STERILITY**  
[54] **MEDICAMENTS CONTRE LA STERILITE MASCULINE**  
[72] KODAMA, HIROSHI, JP  
[72] KAJIHO, TOKUAKI, JP  
[72] KOHNO, YUTAKA, JP  
[72] NOMURA, KAZUHIKO, JP  
[72] KANEKO, SATORU, JP  
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/JP99/02811)  
[87] 1999-12-09 (WO99/62553)  
[30] JP (10/151224) 1998-06-01  
[30] JP (10/317795) 1998-11-09

[21] **2,333,948**  
[13] A1

[51] **Int.Cl. 6F04C 2/08**  
[25] EN  
[54] **INTERNALLY PROFILED STATOR TUBE**  
[54] **TUBE DE STATOR PROFILE A L'INTERIEUR**  
[72] UNDERWOOD, LANCE D., US  
[72] BOTTOS, RICHARD D., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2000-11-30  
[86] 1999-06-03 (PCT/US99/12562)  
[87] 1999-12-09 (WO99/63226)  
[30] US (09/092,544) 1998-06-05

[21] **2,333,949**  
[13] A1

[51] **Int.Cl. 6H02K 11/00**  
[25] EN  
[54] **MOTOR ENDSHIELD ASSEMBLY FOR AN ELECTRONICALLY COMMUTATED MOTOR**  
[54] **ENSEMBLE ECRAN D'EXTREMITE POUR MOTEUR A COMMUTATION ELECTRONIQUE**  
[72] YOUNG, ANDREW N., US  
[72] WRIGHT, KAMRON M., US  
[72] LYTTLE, PETER B., US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2000-11-30  
[86] 1999-06-29 (PCT/US99/14753)  
[87] 2000-01-06 (WO00/01054)  
[30] US (60/091,257) 1998-06-30

[21] **2,333,950**  
[13] A1

[51] **Int.Cl. 6E02D 17/20**  
[25] EN  
[54] **METHOD OF FORMING A SUPPORT STRUCTURE WITH INTERLOCKING OF ADJACENT COMPARTMENTS**  
[54] **PROCEDE DE FORMATION D'UNE STRUCTURE DE SUPPORT COMPORTANT DES COMPARTIMENTS ADJACENTS IMBRIQUES**  
[72] HALL, ALETHEA ROSALIND MELANIE, ZA  
[71] HALL, ALETHEA ROSALIND MELANIE, ZA  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/IB99/00964)  
[87] 1999-12-09 (WO99/63165)  
[30] ZA (98/4685) 1998-06-01

[21] **2,333,951**  
[13] A1

[51] **Int.Cl. 6A61K 31/135 6A61K 31/535 6G01N 33/566 6G01N 33/68 6C07C 215/74**  
[25] EN  
[54] **METHOD FOR TREATING NEURODEGENERATIVE DISORDERS**  
[54] **METHODE DE TRAITEMENT DE TROUBLES NEURODEGENERATIFS**  
[72] LEE, DANIEL H. S., US  
[72] CHEN, ROBERT H., US  
[72] ROSS, TINA MORGAN, US  
[72] PLATA-SALAMAN, CARLOS R., US  
[72] SCOTT, MALCOLM K., US  
[72] DEMETER, DAVID A., US  
[72] WANG, HOAU-YAN, US  
[72] REITZ, ALLEN B., US  
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US  
[85] 2000-11-30  
[86] 1999-05-27 (PCT/US99/11702)  
[87] 1999-12-09 (WO99/62505)  
[30] US (60/087,577) 1998-06-01

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[21] **2,333,952**  
[13] A1

[51] **Int.Cl. 6E02D 17/20**  
[25] EN  
[54] **METHOD OF FORMING A SUPPORT STRUCTURE USING STRINGS OR STAYS**  
[54] **PROCEDE DE FORMATION D'UNE STRUCTURE DE SUPPORT AU MOYEN DE CABLES OU TIRANTS**  
[72] HALL, ALETHEA ROSALIND MELANIE, ZA  
[71] HALL, ALETHEA ROSALIND MELANIE, ZA  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/IB99/00965)  
[87] 1999-12-09 (WO99/63166)  
[30] ZA (98/4685) 1998-06-01

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[21] **2,333,953**  
[13] A1

[51] **Int.Cl. 6A61K 7/00 6A61K 7/06**  
[25] EN  
[54] **HAIR CONDITIONING COMPOSITION COMPRISING CARBOXYLIC ACID/CARBOXYLATE COPOLYMER, AND VISIBLE PARTICLE**  
[54] **COMPOSITION POUR LE CONDITIONNEMENT DES CHEVEUX COMPRENANT UN COPOLYMERE ACIDE CARBOXYLIQUE/ CARBOXYLATE, ET PARTICULE VISIBLE**  
[72] COX, BRUCE RUSSELL, JP  
[72] SAKO, TAKASHI, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-30  
[86] 1998-07-30 (PCT/US98/15853)  
[87] 2000-02-10 (WO00/06089)

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[21] **2,333,954**  
[13] A1

[51] **Int.Cl. 7H04B 1/707 7H04L 27/01 7H04J 13/04 7H04B 7/26 7H04Q 7/36**  
[25] EN  
[54] **CHANNEL ESTIMATION DEVICE AND METHOD, DEMODULATION DEVICE AND METHOD, AND FADING FREQUENCY DECISION DEVICE AND METHOD**  
[54] **DISPOSITIF ET PROCEDE D'ESTIMATION DE VOIE, DISPOSITIF ET PROCEDE DE DEMODULATION, ET DISPOSITIF ET PROCEDE POUR DEFINIR L'AFFAIBLISSEMENT DES FREQUENCES**  
[72] OKUMURA, YUKIHIKO, JP  
[72] ANDO, HIDEHIRO, JP  
[72] USUDA, MASASHI, JP  
[72] ISHIKAWA, YOSHIHIRO, JP  
[72] ONOE, SEIZO, JP  
[71] NTT DOCOMO, INC., JP  
[85] 2000-12-01  
[86] 2000-03-31 (PCT/JP00/02105)  
[87] 2000-10-12 (WO00/60761)  
[30] JP (11/96804) 1999-04-02  
[30] JP (11/340638) 1999-11-30  
[30] JP (2000/82929) 2000-03-23

[21] **2,333,955**  
[13] A1

[51] **Int.Cl. 7A61K 31/192 7A61P 25/00 7C07D 253/04 7A61P 9/10 7A61K 31/195 7A61K 31/24 7A61P 25/28 7A61K 31/4035 7A61K 31/423 7A61K 31/426 7A61K 31/437 7A61K 31/4406 7A61K 31/4409 7A61K 31/502 7A61K 31/53**  
[25] EN  
[54] **USE OF SUBSTITUTED 4-BIARYLBUTYRIC AND 5-BIARYLPENTANOIC ACID DERIVATIVES FOR THE TREATMENT OF CEREBRAL DISEASES**  
[54] **UTILISATION DE DERIVES SUBSTITUES D'ACIDES 4-BIARYLBUTYRIQUE ET 5-BIARYLPENTANOIQUE POUR LE TRAITEMENT DES MALADIES CEREBRALES**  
[72] HENNING, ROLF, DE  
[72] STOLLE, ANDREAS, US  
[72] KELDENICH, JORG, DE  
[72] RIEDL, BERND, DE  
[72] HANING, HELMUT, DE  
[72] HINZ, VOLKER, DE  
[72] SCHUHMACHER, JOACHIM, DE  
[72] BRUCK, ANTJE, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-11-30  
[86] 2000-02-14 (PCT/EP00/01204)  
[87] 2000-08-31 (WO00/50017)  
[30] EP (99103723.5) 1999-02-25

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[21] **2,333,956**  
[13] A1

[51] **Int.Cl. 7G02B 6/26**  
[25] EN  
[54] **SELF ALIGNING OPTICAL FIBER TERMINATOR**  
[54] **TERMINAISON D'AUTO-ALIGNEMENT DE FIBRE OPTIQUE**  
[72] SAVIANO, PAUL G., US  
[71] PERKINELMER INSTRUMENTS LLC, US  
[85] 2000-12-01  
[86] 2000-04-01 (PCT/US00/08697)  
[87] 2000-10-12 (WO00/60387)  
[30] US (09/285,282) 1999-04-02

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[21] **2,333,957**  
[13] A1

[51] **Int.Cl. 7A61F 13/42**  
[25] EN  
[54] **DISPOSABLE ABSORBENT ARTICLE HAVING A RESPONSIVE SYSTEM INCLUDING AN ELECTRICAL ACTUATOR**  
[54] **ARTICLE ABSORBANT JETABLE COMPRENANT UN SYSTEME DE REACTION A ACTIONNEUR ELECTRIQUE**  
[72] ALLEN, PATRICK JAY, US  
[72] EHRNSPERGER, BRUNO JOHANNES, DE  
[72] ROE, DONALD CARROLL, US  
[72] SCHMIDT, MATTIAS, DE  
[72] KRUCHININ, MIKHAIL, RU  
[72] LITVIN, SIMON SOLOMONOVICH, US  
[72] KHOMJAKOV, OLEG NIKOLAEVICH, RU  
[72] COLES, PETER, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-30  
[86] 1999-06-29 (PCT/US99/14885)  
[87] 2000-01-06 (WO00/00151)  
[30] US (60/090,993) 1998-06-29

[21] **2,333,958**  
[13] A1

[51] **Int.Cl. 6H04L 29/06 6H04Q 7/24 6H04L 12/66**  
[25] EN  
[54] **DEVICE FOR PROVIDING INTEROPERABILITY BETWEEN COMMUNICATIONS SYSTEMS**  
[54] **DISPOSITIF ASSURANT LE FONCTIONNEMENT ENTRE DES SYSTEMES DE COMMUNICATIONS**  
[72] SHARRIT, JOHN PAUL, US  
[72] SHEPARD, JOHN WAYNE, US  
[71] MOTOROLA, INC., US  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/US99/12079)  
[87] 1999-12-09 (WO99/63728)  
[30] US (09/088,008) 1998-06-01

[21] **2,333,959**  
[13] A1

[51] **Int.Cl. 6F16B 43/00 6F16B 39/32**  
[25] EN  
[54] **FLAT KEY WASHER**  
[54] **RONDELLE DE BLOCAGE A CLAVETTE PLATE**  
[72] LATULIPE, ERIC, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[85] 2000-12-01  
[86] 1999-05-27 (PCT/CA99/00473)  
[87] 1999-12-09 (WO99/63237)  
[30] US (09/089,453) 1998-06-03

[21] **2,333,960**  
[13] A1

[51] **Int.Cl. 6C07D 207/16 6C07D 207/00 6C07D 257/00 6C07D 403/04 6C07D 413/04 6C07D 417/04 6A61K 7/06 6C07D 207/08 6C07D 207/09 6C07D 207/12 6C07D 211/36 6C07D 207/40 6C07D 211/40 6A61K 31/40 6C07D 207/44 6A61K 31/445 6C07D 211/54 6A61K 31/55 6C07D 211/60**  
[25] EN  
[54] **UREAS AND CARBAMATES OF N-HETEROCYCLIC CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES**  
[54] **UREES ET CARBAMATES D'ACIDES CARBOXYLIQUES N-HETEROCYCLIQUES ET D'ISOSTERES D'ACIDE CARBOXYLIQUE**  
[72] WU, YONG-QIAN, US  
[72] NORMAN, MARK H., US  
[72] HAMILTON, GREGORY S., US  
[71] AMGEN, INC., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-01  
[86] 1998-12-03 (PCT/US98/25570)  
[87] 1999-12-09 (WO99/62879)  
[30] US (60/087,844) 1998-06-03

[21] **2,333,961**  
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 31/445**  
[25] EN  
[54] **SMALL MOLECULE PIPECOLIC ACID DERIVATIVE HAIR GROWTH COMPOSITIONS AND USES**  
[54] **COMPOSITIONS POUR LA CROISSANCE DES CHEVEUX A BASE DE PETITES MOLECULES DE DERIVES D'ACIDE PIPECOLIQUE ET UTILISATION DE CES COMPOSITIONS**  
[72] STEINER, JOSEPH P., US  
[72] HAMILTON, GREGORY S., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-01  
[86] 1998-06-03 (PCT/US98/11264)  
[87] 1999-12-09 (WO99/62491)

[21] **2,333,962**  
[13] A1

[51] **Int.Cl. 6E04F 15/04**  
[25] EN  
[54] **LOCKING SYSTEM AND FLOORING BOARD**  
[54] **SYSTEME DE BLOCAGE ET PLANCHES DE PARQUET**  
[72] PERVAN, DARKO, SE  
[71] VALINGE ALUMINIUM AB, SE  
[85] 2000-12-01  
[86] 1999-05-31 (PCT/SE99/00933)  
[87] 1999-12-23 (WO99/66151)  
[30] SE (9801987-0) 1998-06-03

[21] **2,333,963**  
[13] A1

[51] **Int.Cl. 6C07D 207/16 6C07D 403/04 6C07D 207/12 6A61K 31/40 6A61K 31/41**  
[25] EN  
[54] **AZA-HETEROCYCLIC COMPOUNDS USED TO TREAT NEUROLOGICAL DISORDERS AND HAIR LOSS**  
[54] **COMPOSES AZA-HETEROCYCLIQUES UTILISES POUR TRAITER LES TROUBLES NEUROLOGIQUES ET LA PERTE DES CHEVEUX**  
[72] WU, YONG-QIAN, US  
[72] NORMAN, MARK H., US  
[72] HAMILTON, GREGORY S., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-01  
[86] 1998-12-03 (PCT/US98/25573)  
[87] 1999-12-09 (WO99/62881)  
[30] US (60/087,788) 1998-06-03  
[30] US (60/101,077) 1998-09-18

## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,333,964</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 263/06 6C07D 277/06 6C07D 207/16 6A61K 31/40 6A61K 31/42 6A61K 31/425 6A61K 31/445 6C07D 211/60</b></p> <p>[25] EN<br/>[54] <b>AZA-HETEROCYCLIC COMPOUNDS USED TO TREAT NEUROLOGICAL DISORDERS AND HAIR LOSS</b><br/>[54] <b>COMPOSES AZA-HETEROCYCLIQUES POUVANT TRAITER DES TROUBLES NEUROLOGIQUES ET LA CHUTE DES CHEVEUX</b></p> <p>[72] HAMILTON, GREGORY S., US<br/>[72] NORMAN, MARK H., US<br/>[72] WU, YONG-QIAN, US<br/>[71] GPI NIL HOLDINGS, INC., US<br/>[71] AMGEN INC., US<br/>[85] 2000-12-01<br/>[86] 1998-12-03 (PCT/US98/25574)<br/>[87] 1999-12-09 (WO99/62888)<br/>[30] US (60/087,843) 1998-06-03</p> | <p style="text-align: right;">[21] <b>2,333,975</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/395 6C07K 16/18 6C07K 16/28</b></p> <p>[25] EN<br/>[54] <b>METHOD OF INHIBITING ANGIOGENESIS AND TUMOR GROWTH AND PREVENTING TUMOR GROWTH AND METASTASES</b><br/>[54] <b>METHODE PERMETTANT D'INHIBER L'ANGIOGENESE ET LA CROISSANCE TUMORALE ET D'EMPECHER LA CROISSANCE TUMORALE ET LA FORMATION DE METASTASES</b></p> <p>[72] VARNER, JUDITH, US<br/>[72] JORDAN, ROBERT, US<br/>[72] COLLER, BARRY, US<br/>[71] MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY, US<br/>[85] 2000-11-30<br/>[86] 1999-06-03 (PCT/US99/12358)<br/>[87] 1999-12-09 (WO99/62549)<br/>[30] US (09/090,757) 1998-06-04</p> | <p style="text-align: right;">[21] <b>2,333,979</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/22</b></p> <p>[25] EN<br/>[54] <b>DYNAMIC ALLOCATION OF RADIO RESOURCES IN A PACKET SWITCHED COMMUNICATIONS-SYSTEM</b><br/>[54] <b>AFFECTATION DYNAMIQUE DE RESSOURCES RADIO DANS UN SYSTEME DE TELECOMMUNICATIONS A COMMUTATION PAR PAQUETS</b></p> <p>[72] STUBBS, MARTIN, CH<br/>[71] ORANGE PERSONAL COMMUNICATIONS SERVICES LIMITED, GB<br/>[85] 2000-11-30<br/>[86] 1999-06-03 (PCT/GB99/01767)<br/>[87] 1999-12-09 (WO99/63773)<br/>[30] GB (9811966.2) 1998-06-03</p> |
| <p style="text-align: right;">[21] <b>2,333,967</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C22B 1/06 6C22B 15/00 6C22B 23/00 6C22B 19/02</b></p> <p>[25] EN<br/>[54] <b>MELT AND MELT COATING SULPHATION PROCESS</b><br/>[54] <b>PROCEDE DE SULFATATION PAR FUSION ET PAR COUCHAGE PAR FUSION</b></p> <p>[72] RASTAS, JUSSI KALEVI, FI<br/>[72] SAIKKONEN, PEKKA, FI<br/>[71] RASTAS, JUSSI KALEVI, FI<br/>[71] SAIKKONEN, PEKKA, FI<br/>[85] 2000-12-01<br/>[86] 1999-06-04 (PCT/FI99/00486)<br/>[87] 1999-12-09 (WO99/63121)<br/>[30] FI (981279) 1998-06-04</p>  | <p style="text-align: right;">[21] <b>2,333,976</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F16J 15/54</b></p> <p>[25] EN<br/>[54] <b>REMOVABLE AND REPLACEABLE HUB SEAL</b><br/>[54] <b>GARNITURE DE MOYEU AMOVIBLE ET REPLACABLE</b></p> <p>[72] SIMMS, DAVID M., US<br/>[71] SKF USA INC., US<br/>[85] 2000-11-30<br/>[86] 1999-06-02 (PCT/US99/12225)<br/>[87] 1999-12-16 (WO99/64254)<br/>[30] US (09/095,436) 1998-06-10</p>  | <p style="text-align: right;">[21] <b>2,333,980</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C23D 5/00 6C03C 8/06 6C03C 8/08</b></p> <p>[25] EN<br/>[54] <b>ENAMELLING OF ZINC OR ZINC-ALLOY PRECOATED STEEL SURFACES</b><br/>[54] <b>EMAILLAGE DE SURFACES EN ACIER PREENROBES AVEC DU ZINC OU UN ALLIAGE DE ZINC</b></p> <p>[72] SCHLEGEL, CHRISTIAN, FR<br/>[72] LIPS, KOEN, BE<br/>[71] ENAMELS AND CERAMIC COATINGS INTERNATIONAL C.V., BE<br/>[85] 2000-12-01<br/>[86] 1999-05-21 (PCT/EP99/03491)<br/>[87] 1999-12-23 (WO99/66103)<br/>[30] EP (98110750.1) 1998-06-12</p> |
| <p style="text-align: right;">[21] <b>2,333,969</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02B 5/32 6G03B 21/62</b></p> <p>[25] EN<br/>[54] <b>PROJECTION SCREEN</b><br/>[54] <b>ECRAN DE PROJECTION</b></p> <p>[72] GUTJAHR, JORG, DE<br/>[71] GUTJAHR, JORG, DE<br/>[85] 2000-12-01<br/>[86] 1999-05-27 (PCT/EP99/03658)<br/>[87] 1999-12-16 (WO99/64902)<br/>[30] DE (198 25 192.0) 1998-06-05</p>  | <p style="text-align: right;">[21] <b>2,333,978</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 9/00</b></p> <p>[25] EN<br/>[54] <b>LIMITED-DOSE DISPENSER FOR OPHTHALMIC SOLUTIONS</b><br/>[54] <b>DISTRIBUTEUR PERMETTANT DE DISTRIBUER DES DOSES LIMITEES DE SOLUTIONS OPHTHALMIQUES</b></p> <p>[72] SNITCHLER, NORMAN C., US<br/>[71] BAUSCH &amp; LOMB INCORPORATED, US<br/>[85] 2000-11-30<br/>[86] 1999-04-20 (PCT/US99/08614)<br/>[87] 1999-12-09 (WO99/62443)<br/>[30] US (60/087,719) 1998-06-02</p>   | <p style="text-align: right;">[21] <b>2,333,981</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/05</b></p> <p>[25] EN<br/>[54] <b>INFRARED SURGICAL SITE LOCATING DEVICE AND METHOD</b><br/>[54] <b>PROCEDE ET DISPOSITIF DE LOCALISATION DE SITE CHIRURGICAL A INFRAROUGE</b></p> <p>[72] HOLLIS, J. MARCUS, US<br/>[71] VECTOR MEDICAL, INC., US<br/>[85] 2000-11-30<br/>[86] 1999-06-04 (PCT/US99/12457)<br/>[87] 1999-12-09 (WO99/62401)<br/>[30] US (60/088,182) 1998-06-05<br/>[30] US (09/314,101) 1999-05-19</p>  |

## Demandes PCT entrant en phase nationale

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|---|---|---|
| <p style="text-align: center;">[21] <b>2,333,982</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A01N 57/12 6A01N 47/28</b><br/>[25] EN<br/>[54] <b>BIOGENIC CONTROL AND LIMITATION OF THE PROLIFERATION OF PARASITIC SOIL NEMATODES IN CROP FARMING</b><br/>[54] <b>CONTROLE BIOGENIQUE ET LIMITATION DE LA PROLIFERATION DE NEMATODES DU SOL PARASITES DANS LA CULTURE DES PLANTES</b><br/>[72] VON TAPAVICZA, STEPHAN, DE<br/>[72] KOPP-HOLTWIESCHE, BETTINA, DE<br/>[72] BELL, DORIS, DE<br/>[71] COGNIS DEUTSCHLAND GMBH, DE<br/>[85] 2000-11-30<br/>[86] 1999-05-21 (PCT/EP99/03495)<br/>[87] 1999-12-09 (WO99/62337)<br/>[30] DE (198 24 358.8) 1998-05-30</p> | <p style="text-align: center;">[21] <b>2,333,985</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07J 1/00 6A61K 31/565</b><br/>[25] EN<br/>[54] <b>TESTOSTERONE DERIVATIVE</b><br/>[54] <b>DERIVE DE TESTOSTERONE</b><br/>[72] LEYSEN, DIRK, BE<br/>[72] VAN DER VOORT, HENDRIKUS ADRIANUS ANTONIUS, NL<br/>[71] AKZO NOBEL N.V., NL<br/>[85] 2000-12-01<br/>[86] 1999-06-14 (PCT/EP99/04102)<br/>[87] 1999-12-29 (WO99/67271)<br/>[30] EP (98202052.1) 1998-06-19</p>   | <p style="text-align: center;">[21] <b>2,333,988</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A23L 1/30 6C10M 159/08 6A23K 1/16 6A61K 35/78</b><br/>[25] EN<br/>[54] <b>MATTHIOLA SEED OIL, MIXTURES CONTAINING IT AND USE THEREOF</b><br/>[54] <b>HUILE DE GRAINES DE MATTHIOLA, MELANGES LA CONTENANT ET LEUR UTILISATION</b><br/>[72] TZUR, MENACHEM, IL<br/>[72] YANIV, ZOHARA, IL<br/>[71] STATE OF ISRAEL MINISTRY OF AGRICULTURE AGRICULTURE RESEARCH ORGANIZATIO, IL<br/>[85] 2000-11-30<br/>[86] 1998-06-03 (PCT/IL98/00257)<br/>[87] 1999-12-09 (WO99/62359)</p> |
| <p style="text-align: center;">[21] <b>2,333,983</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61C 8/00</b><br/>[25] EN<br/>[54] <b>TRANSFER JIG FOR DENTAL IMPLANTS AND METHOD FOR MAKING A MODEL</b><br/>[54] <b>DISPOSITIF DE TRANSFERT D'IMPLANTS DENTAIRE ET PROCEDE DE FABRICATION D'UN MODELE</b><br/>[72] HARDING, STEWART PETER, GB<br/>[71] OSTEO-TI LTD., GB<br/>[85] 2000-12-01<br/>[86] 1999-06-01 (PCT/GB99/01734)<br/>[87] 1999-12-09 (WO99/62421)<br/>[30] GB (9811869.8) 1998-06-02</p>   | <p style="text-align: center;">[21] <b>2,333,986</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C10G 11/05</b><br/>[25] EN<br/>[54] <b>CATALYTIC CRACKING PROCESS USING AN MCM-68 CATALYST</b><br/>[54] <b>PROCEDE DE CRAQUAGE CATALYTIQUE METTANT EN OEUVRE UN CATALYSEUR MCM-68</b><br/>[72] TIMKEN, HYE KYUNG CHO, US<br/>[72] CHESTER, ARTHUR WARREN, US<br/>[72] GREEN, LARRY ARTHUR, US<br/>[72] DHINGRA, SANDEEP SINGH, US<br/>[72] MASON, TIMOTHY, US<br/>[71] MOBIL OIL CORPORATION, US<br/>[85] 2000-12-01<br/>[86] 2000-01-21 (PCT/US00/01448)<br/>[87] 2000-07-27 (WO00/43466)<br/>[30] US (09/234,544) 1999-01-21</p> | <p style="text-align: center;">[21] <b>2,333,989</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02F 1/1335 6G02F 1/1333 6H04N 9/31</b><br/>[25] EN<br/>[54] <b>ILLUMINATION OF A LIQUID CRYSTAL DISPLAY</b><br/>[54] <b>ECLAIREMENT D'UN AFFICHAGE A CRISTAUX LIQUIDES</b><br/>[72] MUNCH, MARK R., US<br/>[72] TOMITA, AKIRA, US<br/>[71] TYCO ELECTRONICS CORPORATION, US<br/>[85] 2000-12-01<br/>[86] 1999-06-04 (PCT/US99/12652)<br/>[87] 1999-12-09 (WO99/63399)<br/>[30] US (09/090,768) 1998-06-04</p>   |
| <p style="text-align: center;">[21] <b>2,333,984</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F16L 37/14</b><br/>[25] EN<br/>[54] <b>QUICK COUPLING DEVICE FOR TUBULAR COMPONENTS</b><br/>[54] <b>DISPOSITIF DE RACCORD RAPIDE POUR ELEMENTS TUBULAIRES</b><br/>[72] HARTMANN, EDUARD, CH<br/>[71] BUCHER-GUYER AG, CH<br/>[85] 2000-11-30<br/>[86] 2000-03-21 (PCT/CH00/00164)<br/>[87] 2000-10-12 (WO00/60270)<br/>[30] CH (631/99) 1999-04-01</p>   | <p style="text-align: center;">[21] <b>2,333,987</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7C07H 19/00 7C07H 21/00 7C07H 21/02 7C07H 21/04 7C12P 19/34</b><br/>[25] EN<br/>[54] <b>COMPOUNDS AND METHODS FOR DETECTING BIOMOLECULES</b><br/>[54] <b>COMPOSES ET PROCEDES POUR LA DETECTION DE BIOMOLECULES</b><br/>[72] OLEJNIK, JERZY, US<br/>[72] ROTHSCILD, KENNETH J., US<br/>[71] AMBERGEN, INC., US<br/>[85] 2000-12-01<br/>[86] 1999-06-02 (PCT/US99/12328)<br/>[87] 1999-12-29 (WO99/67619)<br/>[30] US (60/087,641) 1998-06-02<br/>[30] US (09/323,424) 1999-06-01</p>                                     | <p style="text-align: center;">[21] <b>2,333,990</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E05B 3/00</b><br/>[25] EN<br/>[54] <b>ACTUATOR ASSEMBLY</b><br/>[54] <b>ENSEMBLE ACTIONNEUR</b><br/>[72] SCHLACK, RICHARD E., US<br/>[72] PLUMMER, RICHARD M., US<br/>[72] TURNER, D. DALE, US<br/>[72] LANGKAMP, RICHARD B., JR., US<br/>[71] SOUTHCO, INC., US<br/>[85] 2000-11-30<br/>[86] 1999-05-26 (PCT/US99/11632)<br/>[87] 1999-12-09 (WO99/63186)<br/>[30] US (60/087,437) 1998-06-01<br/>[30] US (60/109,713) 1998-11-24<br/>[30] US (09/313,975) 1999-05-19</p>   |



## PCT Applications Entering the National Phase

[21] **2,333,991**  
[13] A1

[51] **Int.Cl. 6F01D 25/18 6F16J 15/16**  
[25] EN  
[54] **A SYSTEM FOR DELIVERING PRESSURIZED LUBRICANT FLUIDS TO AN INTERIOR OF A ROTATING HOLLOW SHAFT**  
[54] **SYSTEME PERMETTANT DE TRANSFERER DES FLUIDES DE LUBRIFICATION SOUS PRESSION VERS L'INTERIEUR D'UN ARBRE CREUX ROTATIF**  
[72] LAMARRE, SYLVAIN, CA  
[72] BROUILLET, SYLVAIN, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[85] 2000-12-01  
[86] 1999-06-03 (PCT/CA99/00518)  
[87] 1999-12-16 (WO99/64728)  
[30] US (09/090,955) 1998-06-05

[21] **2,333,992**  
[13] A1

[51] **Int.Cl. 6B65D 19/44 6B65D 19/12**  
[25] EN  
[54] **DEVICE FOR SAFE-KEEPING AND TRANSPORTING PIECE GOODS**  
[54] **DISPOSITIF POUR CONSERVER ET TRANSPORTER DES PRODUITS EN VRAC**  
[72] VERMEULEN, BART, BE  
[71] CONTEYOR MULTIBAG SYSTEMS N.V., BE  
[85] 2000-11-30  
[86] 1999-06-14 (PCT/EP99/04088)  
[87] 1999-12-23 (WO99/65781)  
[30] DE (198 26 429.1) 1998-06-16

[21] **2,333,993**  
[13] A1

[51] **Int.Cl. 6G06F 1/00 6H04L 29/06**  
[25] EN  
[54] **METHOD FOR SECURED ACCESS TO DATA IN A NETWORK**  
[54] **PROCEDE D'ACCES SECURISE A DES DONNEES DANS UN RESEAU**  
[72] PERE, PAUL, DE  
[71] PERE, PAUL, DE  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/EP99/03839)  
[87] 1999-12-09 (WO99/63420)  
[30] DE (198 24 787.7) 1998-06-03

[21] **2,333,994**  
[13] A1

[51] **Int.Cl. 6C07D 471/02 6C07D 215/00 6C07D 217/00 6C07D 401/00 6A61K 31/44 6A61K 31/47**  
[25] EN  
[54] **SULFONIC ACID OR SULFONYLAMINO N-(HETEROARALKYL)-AZAHETEROCYCLYLAMIDE COMPOUNDS**  
[54] **COMPOSES A BASE D'ACIDE SULFONIQUE OU DE SULFONYLAMINO N-(HETEROARALKYL)-AZAHETEROCYCLYLAMIDE**  
[72] BARTON, JEFFREY N., US  
[72] LEVELL, JULIAN, US  
[72] PAULS, HEINZ W., US  
[72] GONG, YONG, US  
[72] CHOI-SLEDESKI, YONG MI, US  
[72] EWING, WILLIAM R., US  
[72] BECKER, MICHAEL R., US  
[72] GREEN, DANIEL M., US  
[71] AVENTIS PHARMACEUTICALS PRODUCTS INC., US  
[85] 2000-11-30  
[86] 1999-06-03 (PCT/US99/12312)  
[87] 1999-12-09 (WO99/62904)  
[30] US (09/090,492) 1998-06-03

[21] **2,333,995**  
[13] A1

[51] **Int.Cl. 6B01J 2/02 6A23L 3/375**  
[25] EN  
[54] **A METHOD FOR FORMULATING PARTICLES**  
[54] **PROCEDE DE FORMULATION DE PARTICULES**  
[72] STROMMEN, INGVALD, NO  
[72] JONASSEN, OLA, NO  
[72] SCHIEFLO, PER ARNE, NO  
[72] ALVES-FILHO, ODILIO, NO  
[71] LEIV EIRIKSSON NYFOTEK AS, NO  
[85] 2000-12-01  
[86] 1999-06-01 (PCT/NO99/00172)  
[87] 1999-12-23 (WO99/65600)  
[30] NO (19982501) 1998-06-02

[21] **2,333,996**  
[13] A1

[51] **Int.Cl. 6F01D 21/04 6F02C 9/46**  
[25] EN  
[54] **SHAFT BREAKAGE DETECTION APPARATUS**  
[54] **DETECTEUR DE RUPTURE D'ARBRE**  
[72] NOBRE, ANTONIO H., CA  
[72] THOMPSON, ANDREW H., CA  
[72] LISIO, CARMINE, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[85] 2000-12-01  
[86] 1999-06-03 (PCT/CA99/00517)  
[87] 1999-12-16 (WO99/64727)  
[30] US (09/092,007) 1998-06-05

[21] **2,333,997**  
[13] A1

[51] **Int.Cl. 6A61K 31/34 6C07D 207/06 6A61K 31/44 6C07D 211/68**  
[25] EN  
[54] **NEUROTROPHIC DIFLUOROAMIDE AGENTS**  
[54] **AGENTS DE DIFLUOROAMIDE NEUROTROPHIQUES**  
[72] DASGUPTA, BIRESHWAR, US  
[72] VYAS, DOLATRAI M., US  
[72] VRUDHULA, VIVEKANANDA M., US  
[72] DUBOWCHIK, GENE M., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2000-12-01  
[86] 1999-05-21 (PCT/US99/11348)  
[87] 1999-12-09 (WO99/62511)  
[30] US (60/087,642) 1998-06-02

[21] **2,333,998**  
[13] A1

[51] **Int.Cl. 6G03F 7/038 6C08F 8/00 6C08L 53/02 6G03F 7/033 6C08F 297/04**  
[25] EN  
[54] **PHOTOCURABLE ELASTOMERIC COMPOSITIONS**  
[54] **COMPOSITIONS ELASTOMERIQUES PHOTODURCISSABLES**  
[72] ESNEAULT, CALVIN P., US  
[72] MYERS, MICHAEL O., US  
[72] UZEE, ANDRE J., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-12-01  
[86] 1999-06-08 (PCT/US99/12788)  
[87] 1999-12-16 (WO99/64931)  
[30] US (60/088,923) 1998-06-11

## Demandes PCT entrant en phase nationale

[21] **2,333,999**  
[13] A1

[51] **Int.Cl. 6A61B 17/08**  
[25] EN  
[54] **TISSUE CONNECTOR APPARATUS AND METHODS**  
[54] **APPAREIL DE JONCTION DE TISSUS ET PROCEDES ASSOCIES**  
[72] SCHALLER, LAURENT, US  
[72] MARONEY, CHARLES T., US  
[72] NGUYEN, JOHN, US  
[72] DOAN, NGA T., US  
[72] HO, LIEM, US  
[72] DREWS, PHILLIP, US  
[72] GANDIONCO, ISIDRO MATIAS, US  
[71] COALESCENT SURGICAL, INC., US  
[85] 2000-12-01  
[86] 1999-06-03 (PCT/US99/12563)  
[87] 1999-12-09 (WO99/62409)  
[30] US (09/090,305) 1998-06-03  
[30] US (09/259,705) 1999-03-01

[21] **2,334,000**  
[13] A1

[51] **Int.Cl. 6A61B 17/064 6A61B 17/06**  
[25] EN  
[54] **TISSUE CONNECTOR APPARATUS AND METHODS**  
[54] **APPAREIL DE JONCTION DE TISSUS ET PROCEDES ASSOCIES**  
[72] HILL, ART, US  
[72] NGUYEN, JOHN, US  
[72] HO, LIEM, US  
[72] SCHALLER, LAURENT, US  
[72] GANDIONCO, ISIDRO MATIAS, US  
[72] GARDINER, BARRY, US  
[71] COALESCENT SURGICAL, INC., US  
[85] 2000-12-01  
[86] 1999-06-03 (PCT/US99/12566)  
[87] 1999-12-09 (WO99/62406)  
[30] US (09/089,884) 1998-06-03  
[30] US (09/260,623) 1999-03-01

[21] **2,334,001**  
[13] A1

[51] **Int.Cl. 6H04Q 7/34**  
[25] EN  
[54] **CELLULAR NETWORK TRAFFIC SIMULATOR**  
[54] **SIMULATEUR DE TRAFIC D'UN RESEAU CELLULAIRE**  
[72] LEMAY, DANIEL, CA  
[72] BEAULIEU, DANIEL, CA  
[72] HILL, TOMMY, CA  
[72] WALTER, ANDRE, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-12-01  
[86] 1999-05-28 (PCT/SE99/00928)  
[87] 1999-12-23 (WO99/66753)  
[30] US (09/098,067) 1998-06-16

[21] **2,334,002**  
[13] A1

[51] **Int.Cl. 6C07D 207/16 6C07D 403/04 6C07D 207/08 6A61K 31/40 6A61K 31/41**  
[25] EN  
[54] **N-LINKED SULFONAMIDES OF N-HETEROCYCLIC CARBOXYLIC ACIDS OR CARBOXYLIC ACID ISOSTERES**  
[54] **SULFONAMIDES A LIAISON N D'ACIDES CARBOXYLIQUES N-HETEROCYCLIQUES OU D'ISOSTERES D'ACIDE CARBOXYLIQUE**  
[72] WU, YONG-QIAN, US  
[72] HAMILTON, GREGORY S., US  
[72] NORMAN, MARK H., US  
[71] AMGEN INC., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-01  
[86] 1998-12-03 (PCT/US98/25572)  
[87] 1999-12-09 (WO99/62880)  
[30] US (60/087,842) 1998-06-03

[21] **2,334,003**  
[13] A1

[51] **Int.Cl. 7H01M 4/58 7H01M 10/40 7C01B 25/45**  
[25] EN  
[54] **ACTIVE MATERIAL OF POSITIVE PLATE, NONAQUEOUS ELECTROLYTE SECONDARY CELL, METHOD FOR PRODUCING ACTIVE MATERIAL OF POSITIVE MATERIAL**  
[54] **MATERIAU ACTIF POUR PLAQUE POSITIVE, CELLULE SECONDAIRE A ELECTROLYTE NON AQUEUSE, ET LEURS PROCEDES DE FABRICATION RESPECTIFS**  
[72] AZUMA, HIDETO, JP  
[72] LI, GUOHUA, JP  
[72] YAMADA, ATSUO, JP  
[71] SONY CORPORATION, JP  
[85] 2000-12-01  
[86] 2000-03-28 (PCT/JP00/01916)  
[87] 2000-10-12 (WO00/60680)  
[30] JP (11/99408) 1999-04-06  
[30] JP (11/274380) 1999-09-28  
[30] JP (2000/14131) 2000-01-19

[21] **2,334,004**  
[13] A1

[51] **Int.Cl. 6G06F 9/44**  
[25] EN  
[54] **BACKTRACKED INCREMENTAL UPDATING**  
[54] **MISE A JOUR INCREMENTIELLE AVEC RETOUR ARRIERE**  
[72] SOBEL, WILLIAM E., US  
[72] NACHENBERG, CAREY S., US  
[71] SYMANTEC CORPORATION, US  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/US99/12228)  
[87] 1999-12-09 (WO99/63432)  
[30] US (09/089,930) 1998-06-03

[21] **2,334,005**  
[13] A1

[51] **Int.Cl. 6D21H 19/82 6B41M 5/00 6D21H 19/38 6D21H 19/42**  
[25] EN  
[54] **PRINTING PAPER**  
[54] **PAPIER D'IMPRESSION**  
[72] AMICK, TRUDE J., US  
[71] THE MEAD CORPORATION, US  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/US99/12160)  
[87] 1999-12-09 (WO99/63157)  
[30] US (09/088,564) 1998-06-02  
[30] US (09/088,563) 1998-06-02

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[21] **2,334,006**  
[13] A1

[51] **Int.Cl. 6H04M 19/00**  
[25] EN  
[54] **METHOD AND ARRANGEMENT FOR CHOOSING SUPPLY VOLTAGE**  
[54] **PROCEDE ET SYSTEME PERMETTANT DE CHOISIR UNE TENSION D'ALIMENTATION**  
[72] HELLBERG, HENRIK, SE  
[72] EMERICKS, ANDERS, SE  
[72] MALMGREN, CARL-HENRIK, SE  
[72] ISRAELSSON, MATTIAS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-12-01  
[86] 1999-05-21 (PCT/SE99/00871)  
[87] 1999-12-09 (WO99/63745)  
[30] SE (9801950-8) 1998-06-02

[21] **2,334,007**  
[13] A1

[51] **Int.Cl. 6C12Q 1/04 6C12N 1/00 6A23C 19/032 6C12N 15/10 6A23C 9/127 6C12N 1/20 6C12N 1/21 6C12Q 1/68**  
[25] EN  
[54] **METHOD OF MONITORING THE COMPETITIVENESS OF A MICROBIAL STRAIN**  
[54] **PROCEDE DE CONTROLE DE LA COMPETITIVITE D'UNE SOUCHE MICROBIENNE**  
[72] VEGARUD, GERD, NO  
[72] LILLEHAUG, DAG, NO  
[72] ALESTROM, PETER, NO  
[71] MICROTAG AS, NO  
[85] 2000-03-17  
[86] 1998-09-11 (PCT/IB98/01411)  
[87] 1999-03-25 (WO99/14359)  
[30] NO (974299) 1997-09-18

[21] **2,334,008**  
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 31/18 6A61K 31/40 6A61K 31/445**  
[25] EN  
[54] **N-LINKED SULFONAMIDE OF HETEROCYCLIC THIOESTER HAIR GROWTH COMPOUNDS AND USES**  
[54] **COMPOSES POUR LA CROISSANCE DES CHEVEUX A BASE DE SULFONAMIDES A LIAISON N DE THIOESTERS HETEROCYCLIQUES ET UTILISATION DE CES COMPOSES**  
[72] STEINER, JOSEPH P., US  
[72] HAMILTON, GREGORY S., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-01  
[86] 1998-06-03 (PCT/US98/11252)  
[87] 1999-12-09 (WO99/62489)

[21] **2,334,009**  
[13] A1

[51] **Int.Cl. 6G06F 11/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANAGING REDUNDANT COMPUTER-BASED SYSTEMS FOR FAULT TOLERANT COMPUTING**  
[54] **PROCEDE ET APPAREIL DE GESTION DE SYSTEMES INFORMATIQUES REDONDANTS POUR TRAITEMENT TOLERANT AUX FAUTES**  
[72] YOUNIS, MOHAMED, US  
[72] ERNST, JAMES W., US  
[72] ZHOU, JEFFREY XIAOFENG, US  
[72] PENG, DAR-TZEN, US  
[72] RODEN, THOMAS GILBERT III, US  
[72] BOLDOC, LOUIS P., US  
[71] ALLIEDSIGNAL INC., US  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/US99/12000)  
[87] 1999-12-09 (WO99/63440)  
[30] US (60/087,733) 1998-06-02  
[30] US (09/140,174) 1998-08-25

[21] **2,334,010**  
[13] A1

[51] **Int.Cl. 6C12Q 1/28 6C12Q 1/00 6A01N 43/16**  
[25] EN  
[54] **NOVEL PEROXIDASE SUBSTRATES AND THEIR USE IN CATALYZED REPORTER DEPOSITION**  
[54] **NOUVEAUX SUBSTRATS DE PEROXYDASE ET LEUR UTILISATION DANS LE DEPOT CATALYSE D'ENZYMES REPORTEURS**  
[72] BOBROW, MARK NORMAN, US  
[71] NEN LIFE SCIENCE PRODUCTS, INC., US  
[85] 2000-12-01  
[86] 1998-06-04 (PCT/US98/11477)  
[87] 1999-12-09 (WO99/63108)

[21] **2,334,011**  
[13] A1

[51] **Int.Cl. 6G01V 1/30**  
[25] EN  
[54] **SEISMIC DATA INTERPRETATION METHOD**  
[54] **PROCEDE D'INTERPRETATION DE DONNEES SISMIQUES**  
[72] RANDEN, TRYGVE, NO  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2000-12-01  
[86] 1999-06-07 (PCT/IB99/01040)  
[87] 1999-12-16 (WO99/64896)  
[30] GB (9812304.5) 1998-06-09  
[30] GB (9904101.4) 1999-02-24

[21] **2,334,012**  
[13] A1

[51] **Int.Cl. 6C07D 213/73 6C07D 401/04 6C07D 471/08 6C07D 471/10 6C07D 401/12 6A61K 31/44 6C07D 213/75**  
[25] EN  
[54] **2-AMINOPYRIDINES CONTAINING FUSED RING SUBSTITUENTS AS NITRIC OXIDE SYNTHASE INHIBITORS**  
[54] **2-AMINOPYRIDINES CONTENANT DES SUBSTITUANTS A ANNEAUX CONDENSES ET CONVENANT COMME INHIBITEURS DE SYNTHASE DE L'OXYDE NITRIQUE**  
[72] LOWE, JOHN ADAMS III, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2000-12-01  
[86] 1999-05-07 (PCT/IB99/00825)  
[87] 1999-12-09 (WO99/62883)  
[30] US (60/087,881) 1998-06-03

[21] **2,334,013**  
[13] A1

[51] **Int.Cl. 7B63B 21/20 7F16G 15/08**  
[25] EN  
[54] **CONNECTOR BETWEEN ANCHOR AND CHAIN OF SHIPS, ESPECIALLY SAILING BOATS AND YACHTS**  
[54] **ELEMENT DE JONCTION ENTRE L'ANCRE ET LA CHAINE DE BATEAUX, NOTAMMENT DE VOILIERS ET DE YACHTS**  
[72] SIMON, WERNER, DE  
[71] SIMON, WERNER, DE  
[85] 2000-12-01  
[86] 1998-12-22 (PCT/EP98/08398)  
[87] 2000-06-29 (WO00/37307)

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[21] **2,334,014**  
[13] A1

[51] **Int.Cl. 6B29D 22/00**  
[25] EN  
[54] **DESICCANT BLENDED IN A THERMOPLASTIC**  
[54] **DESHYDRATANT MELANGE DANS UN THERMOPLASTIQUE**  
[72] HEKAL, IHAB M., US  
[71] CAPITOL SPECIALTY PLASTICS, INC., US  
[85] 2000-12-01  
[86] 1999-05-25 (PCT/US99/11565)  
[87] 1999-12-09 (WO99/62697)  
[30] US (09/090,635) 1998-06-04

[21] **2,334,015**  
[13] A1

[51] **Int.Cl. 6D01F 6/46**  
[25] EN  
[54] **HIGH-STRENGTH POLYETHYLENE FIBERS AND PRODUCTION METHOD THEREFOR**  
[54] **FIBRE DE POLYETHYLENE HAUTE RESISTANCE ET SON PROCEDE DE PRODUCTION**  
[72] SAKAMOTO, GODO, JP  
[72] OHTA, YASUO, JP  
[71] DSM N.V., NL  
[85] 2000-12-01  
[86] 1999-05-26 (PCT/JP99/02766)  
[87] 1999-12-09 (WO99/63137)  
[30] JP (10/156218) 1998-06-04  
[30] JP (11/74209) 1999-03-18

[21] **2,334,016**  
[13] A1

[51] **Int.Cl. 6A23B 5/00 6A23F 5/00**  
[25] EN  
[54] **ACID REDUCED WHOLE BEAN COFFEE AND PROCESS**  
[54] **CAFE A ACIDITE REDUITE PREPARE A PARTIR DE FEVES ENTIERES ET PROCEDE CORRESPONDANT**  
[72] GUROL, ISMAIL M., US  
[71] TAMER INTERNATIONAL, LTD., US  
[85] 2000-12-01  
[86] 1999-06-03 (PCT/US99/12310)  
[87] 1999-12-09 (WO99/62345)  
[30] US (09/089,927) 1998-06-03

[21] **2,334,017**  
[13] A1

[51] **Int.Cl. 6H02G 9/06 6H02G 1/08**  
[25] EN  
[54] **METHOD FOR INSTALLING AT LEAST ONE PIPE LINE AND/OR AN EMPTY CONDUIT IN SUPPLY AND SANITATION PIPES WHICH HAVE ALREADY BEEN LAID, ESPECIALLY IN SEWER PIPE SYSTEMS OR NETWORKS AND SIMILAR**  
[54] **PROCEDE POUR INSTALLER AU MOINS UNE CONDUITE ET/OU UN TUYAU VIDE DANS DES TUYAUX POSES SERVANT A L'ALIMENTATION OU A L'ELIMINATION, NOTAMMENT DANS DES SYSTEMES OU DES RESEAUX DE CANALISATIONS TUBULAIRES**  
[72] GRUBER, SABINE, DE  
[71] ROBOTICS CABLING GMBH KABELVERLEGUNG, DE  
[85] 2000-12-01  
[86] 1999-06-04 (PCT/EP99/03874)  
[87] 1999-12-16 (WO99/65129)  
[30] DE (198 25 325.7) 1998-06-05  
[30] DE (198 47 785.6) 1998-10-16  
[30] DE (199 21 382.8) 1999-05-10

[21] **2,334,018**  
[13] A1

[51] **Int.Cl. 6C01G 43/01 6C01B 9/00 6C01G 43/025 6C01B 35/06**  
[25] EN  
[54] **METHOD FOR PRODUCING URANIUM OXIDE FROM URANIUM TETRAFLUORIDE AND A SOLID OXIDE COMPOUND**  
[54] **PROCEDE DE PRODUCTION D'OXYDE D'URANIUM A PARTIR DE TETRAFLUORURE D'URANIUM ET DE PRODUCTION D'UN COMPOSE OXYDE SOLIDE**  
[72] NACHTRAB, WILLIAM T., US  
[72] BULKO, JOHN B., US  
[71] STARMET CORPORATION, US  
[85] 2000-12-01  
[86] 1999-05-18 (PCT/US99/10930)  
[87] 1999-12-09 (WO99/62823)  
[30] US (09/092,417) 1998-06-05

[21] **2,334,019**  
[13] A1

[51] **Int.Cl. 6A01K 27/00 6A01K 25/00 6B68B 1/04**  
[25] EN  
[54] **ANIMAL RESTRAINING HALTER**  
[54] **LICOU DE RESTRICTION POUR ANIMAUX**  
[72] CURRAN, ROBERT EDWARD, CA  
[71] CURRAN, ROBERT EDWARD, CA  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/CA99/00510)  
[87] 1999-12-09 (WO99/62331)  
[30] US (60/087,686) 1998-06-02  
[30] US (09/239,814) 1999-01-29

[21] **2,334,020**  
[13] A1

[51] **Int.Cl. 6A61B 17/10**  
[25] EN  
[54] **ANCHOR, TOOL AND METHOD AND APPARATUS FOR EMBLACING ANCHOR IN A BOREHOLE**  
[54] **ANCRE, OUTIL ET PROCEDE ET APPAREIL DE PLACEMENT D'UNE ANCRE DANS UN TROU ALESE**  
[72] LI, LEHMANN K., US  
[71] LI MEDICAL TECHNOLOGIES, INC., US  
[85] 2000-12-01  
[86] 1999-05-18 (PCT/US99/10816)  
[87] 1999-12-09 (WO99/62410)  
[30] US (09/088,572) 1998-06-02

[21] **2,334,021**  
[13] A1

[51] **Int.Cl. 6B67B 7/44 6B25F 1/00**  
[25] EN  
[54] **PIPETTOR ATTACHABLE/ INTEGRATABLE MICROCENTRIFUGE TUBE OPENER**  
[54] **OUVRE-TUBE CENTRIFUGE POUVANT ETRE FIXE/INTEGRE A UNE PIPETTE**  
[72] ITALIA, JAMES A., US  
[71] ITALIA, JAMES A., US  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/US99/12264)  
[87] 1999-12-09 (WO99/62814)  
[30] US (09/089,648) 1998-06-03

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[21] **2,334,022**  
[13] A1

[51] **Int.Cl. 6C11B 3/10 6C11B 3/04 6C11B 3/06 6C11B 3/14 6A61K 31/23 6A23L 1/30**  
[25] EN  
[54] **CONTAMINANT REDUCED MARINE OIL**  
[54] **HUILE MARINE A FAIBLE TENEUR EN CONTAMINANTS**  
[72] MORRISON, TOMMY, GB  
[72] CRAVEN, CHARLES WYATT, GB  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2000-12-01  
[86] 1999-05-27 (PCT/EP99/03657)  
[87] 1999-12-16 (WO99/64547)  
[30] EP (98110244.5) 1998-06-05

[21] **2,334,023**  
[13] A1

[51] **Int.Cl. 6C02F 1/58 6C02F 1/42**  
[25] EN  
[54] **PROCESS FOR THE RECOVERY OF FLUORINATED ALKANOIC ACIDS FROM WASTEWATER**  
[54] **PROCEDE POUR LA RECUPERATION D'ACIDES ALCAÑOIQUES FLUORES DANS DES EAUX RESIDUAIRES**  
[72] FUHRER, STEPHAN, DE  
[72] KAISER, THOMAS, DE  
[72] BUDESHEIM, ARMIN, DE  
[72] ZIPLIES, TILMAN, DE  
[72] FELIX, BERND, DE  
[71] DYNEON GMBH & CO. KG, DE  
[71] AXIVA GMBH, DE  
[85] 2000-12-01  
[86] 1999-05-27 (PCT/EP99/03673)  
[87] 1999-12-09 (WO99/62830)  
[30] DE (198 24 615.3) 1998-06-02

[21] **2,334,024**  
[13] A1

[51] **Int.Cl. 6C09C 1/56 6C09C 3/08 6C09C 3/10 6C09C 3/12**  
[25] EN  
[54] **A PARTICLE HAVING AN ATTACHED HALIDE GROUP AND METHODS OF MAKING THE SAME**  
[54] **PARTICULE A GROUPE HALOGENURE ATTACHE ET PROCEDES D'ELABORATION**  
[72] DEVONPORT, WAYNE, US  
[71] CABOT CORPORATION, US  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/US99/12283)  
[87] 1999-12-09 (WO99/63007)  
[30] US (09/089,263) 1998-06-03

[21] **2,334,025**  
[13] A1

[51] **Int.Cl. 6B65G 5/00 6E21F 17/16**  
[25] EN  
[54] **INSTALLATION FOR STORING OF NATURAL GAS**  
[54] **INSTALLATION DE STOCKAGE DE GAZ NATUREL**  
[72] JOHANSSON, JAN HUGO, SE  
[71] SYDKRAFT AB, SE  
[85] 2000-12-01  
[86] 1999-06-07 (PCT/SE99/00981)  
[87] 1999-12-09 (WO99/62794)  
[30] SE (9801994-6) 1998-06-05

[21] **2,334,026**  
[13] A1

[51] **Int.Cl. 6H01L 21/316**  
[25] EN  
[54] **POROUS INSULATING COMPOUNDS AND METHOD FOR MAKING SAME**  
[54] **COMPOSES D'ISOLATION POREUX ET LEUR FABRICATION**  
[72] KOHL, PAUL A., US  
[71] GEORGIA TECH RESEARCH CORPORATION, US  
[85] 2000-12-01  
[86] 1999-06-04 (PCT/US99/12467)  
[87] 1999-12-09 (WO99/63587)  
[30] US (60/088,233) 1998-06-05  
[30] US (60/101,672) 1998-09-24

[21] **2,334,027**  
[13] A1

[51] **Int.Cl. 6C08G 65/26 6C08G 65/10 6B01J 27/26**  
[25] EN  
[54] **IMPROVED EPOXIDE POLYMERIZATION PROCESS**  
[54] **PROCEDE AMELIORE DE POLYMERISATION D'EPOXYDE**  
[72] HOLESCHOVSKY, ULRICH B., US  
[72] RUETER, MICHAEL A., US  
[72] LE-KHAC, BI, US  
[71] BAYER ANTWERPEN N.V., BE  
[85] 2000-12-01  
[86] 1999-06-07 (PCT/EP99/03911)  
[87] 1999-12-16 (WO99/64493)  
[30] US (09/092,471) 1998-06-05

[21] **2,334,028**  
[13] A1

[51] **Int.Cl. 6E04H 3/10**  
[25] EN  
[54] **STADIUM WITH ARENA SUCH AS AN ICE RINK AND SURROUNDING STANDS FOR SPECTATORS, AND CHANNEL ELEMENT FOR A CHANNEL SYSTEM IN A STADIUM SUCH AS AN ICE RINK AND SURROUNDING STANDS FOR SPECTATORS**  
[54] **STADE DOTE D'UN TERRAIN, TEL QU'UNE PATINOIRE ENTOUREE DE TRIBUNES POUR LES SPECTATEURS, ET CANAUX POUR UN SYSTEME DESTINE A ETRE INSTALLE DANS LEDIT STADE**  
[72] VOLSTAD, OVE CHARLES, NO  
[71] VOLSTAD ENERGY AS, NO  
[85] 2000-12-01  
[86] 1999-05-20 (PCT/NO99/00161)  
[87] 1999-12-23 (WO99/66153)  
[30] NO (19982521) 1998-06-02

[21] **2,334,029**  
[13] A1

[51] **Int.Cl. 6A01N 57/00**  
[25] EN  
[54] **N-ACYL SARCOINATES AS GLYPHOSATE ADJUVANTS**  
[54] **N-ACYLE-SARCOINATES UTILISES COMME ADJUVANTS DU GLYPHOSATE**  
[72] CRUDDEN, JOSEPH J., US  
[71] HAMPSHIRE CHEMICAL CORP., US  
[85] 2000-12-01  
[86] 1999-05-21 (PCT/US99/11353)  
[87] 1999-12-09 (WO99/62338)  
[30] US (09/090,833) 1998-06-04

[21] **2,334,030**  
[13] A1

[51] **Int.Cl. 6F04B 49/02**  
[25] EN  
[54] **PRESSURISED WATER SUPPLY SYSTEMS**  
[54] **SYSTEMES D'ALIMENTATION EN EAU SOUS PRESSION**  
[72] CHAPMAN, FRANCIS STANLEY, GB  
[71] WIGGINS GEE GROUP LIMITED, GB  
[85] 2000-12-01  
[86] 1999-06-03 (PCT/GB99/01542)  
[87] 1999-12-09 (WO99/63225)  
[30] GB (9811931.6) 1998-06-04

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[21] **2,334,031**  
[13] A1

[51] **Int.Cl. 7A47L 13/16 7A47L 13/17**  
[25] EN  
[54] **A MECHANICALLY EXPANDABLE PAD**  
[54] **TAMPON MECHANIQUEMENT EXTENSIBLE**  
[72] AOUAD, YOUSEF, US  
[72] BIEN, DENISE JEAN, US  
[72] ALVIS, CYNTHIA LEE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-01  
[86] 1999-06-24 (PCT/IB99/01179)  
[87] 2000-01-06 (WO00/00076)  
[30] US (09/106,936) 1998-06-30

[21] **2,334,032**  
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 31/44 6A61K 31/47**  
[25] EN  
[54] **N-OXIDE OF HETEROCYCLIC ESTER, AMIDE, THIOESTER, OR KETONE HAIR GROWTH COMPOSITIONS AND USES**  
[54] **COMPOSITIONS POUR LA CROISSANCE DES CHEVEUX A BASE DE N-OXYDES DE KETONES, DE THIOESTERS, D'AMIDES OU D'ESTERS HETEROCYCLIQUES, ET UTILISATION DE CES COMPOSITIONS**  
[72] STEINER, JOSEPH P., US  
[72] HAMILTON, GREGORY S., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-01  
[86] 1998-06-03 (PCT/US98/11245)  
[87] 1999-12-09 (WO99/62486)

[21] **2,334,033**  
[13] A1

[51] **Int.Cl. 6G02B 6/36 6G02B 6/00 6G02B 6/12 6G02B 6/26**  
[25] EN  
[54] **HIGH RELIABILITY FIBER COUPLED OPTICAL SWITCH**  
[54] **COMMUTATEUR OPTIQUE A FIBRES COUPLEES DE HAUTE FIABILITE**  
[72] RANALLI, ELISEO R., US  
[72] DEBOYNTON, WILLIAM L., US  
[71] CORNING INCORPORATED, US  
[85] 2000-12-01  
[86] 1999-06-11 (PCT/US99/13037)  
[87] 1999-12-23 (WO99/66357)  
[30] US (60/090,021) 1998-06-19

[21] **2,334,034**  
[13] A1

[51] **Int.Cl. 6B32B 7/06 6B44C 1/00 6G09F 3/04 6B41M 5/26**  
[25] EN  
[54] **HEAT-TRANSFER LABEL INCLUDING CROSS-LINKED PHENOXY LACQUER LAYER**  
[54] **ETIQUETTE IMPRIMEE PAR REPORT A CHAUD COMPRENANT UNE COUCHE DE VERNIS PHENOXY RETICULEE**  
[72] LAPRADE, JEAN PAUL, US  
[72] YANG, DARCHUN BILLY, US  
[72] NUGENT, JAMES S., US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2000-12-01  
[86] 1999-06-07 (PCT/US99/12703)  
[87] 1999-12-16 (WO99/64230)  
[30] US (09/093,150) 1998-06-08

[21] **2,334,035**  
[13] A1

[51] **Int.Cl. 6B65G 47/12**  
[25] EN  
[54] **PRODUCT LANE FORMING CONVEYOR SYSTEM**  
[54] **TRANSPORTEUR FORMANT DES COULOIRS A PRODUITS**  
[72] LAYNE, JAMES L., US  
[71] SPAN TECH LLC, US  
[85] 2000-12-01  
[86] 1999-05-05 (PCT/US99/09773)  
[87] 1999-12-09 (WO99/62798)  
[30] US (09/090,832) 1998-06-04

[21] **2,334,036**  
[13] A1

[51] **Int.Cl. 6B65D 1/02**  
[25] EN  
[54] **RATCHETS FOR BOTTLE NECKS**  
[54] **CLIQUETS DE GOULOTS DE BOUTEILLES**  
[72] MA, XIAOLI, US  
[71] PORTOLA PACKAGING, INC., US  
[85] 2000-12-01  
[86] 1999-05-18 (PCT/US99/11017)  
[87] 1999-12-09 (WO99/62770)  
[30] US (09/090,304) 1998-06-03

[21] **2,334,037**  
[13] A1

[51] **Int.Cl. 6G01B 11/00 6G01B 9/02**  
[25] EN  
[54] **COMPENSATION FOR MEASUREMENT UNCERTAINTY DUE TO ATMOSPHERIC EFFECTS**  
[54] **COMPENSATION DE L'INCERTITUDE SUR DES MESURES, DUE AUX EFFETS ATMOSPHERIQUES**  
[72] SHIRLEY, LYLE, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2000-12-01  
[86] 1999-06-04 (PCT/US99/12645)  
[87] 1999-12-09 (WO99/63302)  
[30] US (60/087,960) 1998-06-04  
[30] US (09/241,354) 1999-02-02  
[30] US (09/325,177) 1999-06-03

[21] **2,334,038**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61P 35/00 7C12N 5/02 7C07K 16/30 7A61K 39/395 7C07K 14/47 7G01N 33/574 7C12N 15/62 7G01N 33/68 7C12Q 1/68**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER**  
[54] **COMPOSITIONS ET METHODES DE THERAPIE ET DE DIAGNOSTIC DU CANCER DE LA PROSTATE**  
[72] HARLOCKER, SUSAN LOUISE, US  
[72] YUQIU, JIANG, US  
[72] DILLON, DAVIN CLIFFORD, US  
[72] XU, JIANGCHUN, US  
[72] MITCHAM, JENNIFER LYNN, US  
[71] CORIXA CORPORATION, US  
[85] 2001-01-12  
[86] 1999-07-14 (PCT/US99/15838)  
[87] 2000-01-27 (WO00/04149)  
[30] US (09/115,453) 1998-07-14  
[30] US (09/116,134) 1998-07-14  
[30] US (09/159,822) 1998-09-23  
[30] US (09/159,812) 1998-09-23  
[30] US (09/232,880) 1999-01-15  
[30] US (09/232,149) 1999-01-15  
[30] US (09/288,946) 1999-04-09

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|---|---|--|
| <p style="text-align: center;">[21] <b>2,334,088</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A47G 21/08 7A47G 21/10</b><br/>[25] FR<br/>[54] <b>DISPOSITIF AUTOMATIQUE POUR HANDICAPE PHYSIQUE, NOTAMMENT POUR LA SAISIE DE NOURRITURE DANS UNE ASSIETTE</b><br/>[54] <b>AUTOMATIC DEVICE FOR A PHYSICALLY HANDICAPPED PERSON, IN PARTICULAR FOR SEIZING FOOD FROM A PLATE</b><br/>[72] STUCKY, ERIC, CH<br/>[71] STUCKY, ERIC, CH<br/>[85] 2000-11-29<br/>[86] 2000-03-22 (PCT/CH00/00166)<br/>[87] 2000-10-12 (WO00/59350)<br/>[30] CH (651/99) 1999-04-01</p>  | <p style="text-align: center;">[21] <b>2,334,090</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G09F 11/30 7G09F 11/32</b><br/>[25] FR<br/>[54] <b>DISPOSITIF D’AFFICHAGE PAR DEROULEMENT D’UNE TOILE SUPPORT D’INFORMATIONS</b><br/>[54] <b>DISPLAY DEVICE BY UNWINDING A DATA MEDIUM SCREEN</b><br/>[72] BIHR, ERIC, FR<br/>[72] CORBARIEU, PATRICK, FR<br/>[71] RIGIFLEX INTERNATIONAL, FR<br/>[71] ROSCAL SC, FR<br/>[85] 2000-11-29<br/>[86] 2000-04-26 (PCT/FR00/01100)<br/>[87] 2000-11-09 (WO00/67243)<br/>[30] FR (99/05446) 1999-04-29<br/>[30] FR (99/12424) 1999-09-29</p>   | <p style="text-align: center;">[21] <b>2,334,093</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08F 220/24 6A62D 1/00</b><br/>[25] FR<br/>[54] <b>POLYMERES HYDROPHILES FLUORES</b><br/>[54] <b>FLUORINATED HYDROPHILIC POLYMERS</b><br/>[72] MORILLON, ELISABETH, FR<br/>[72] PABON, MARTIAL, FR<br/>[72] CORPART, JEAN-MARC, FR<br/>[71] ATOFINA, FR<br/>[85] 2000-12-01<br/>[86] 1999-05-31 (PCT/FR99/01236)<br/>[87] 1999-12-09 (WO99/62972)<br/>[30] FR (98/06941) 1998-06-03</p>   |
| <p style="text-align: center;">[21] <b>2,334,089</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F02B 19/04 6F02B 75/02 6F02B 75/32</b><br/>[25] FR<br/>[54] <b>PROCEDE DE FONCTIONNEMENT ET DISPOSITIF DE MOTEUR A INJECTION D’AIR COMPRI ME ADDITIONNEL FONCTIONNAT EN MONO-ENERGIE, OU EN BI-ENERGIE BI OU TRI MODES D’ALIMENTATION</b><br/>[54] <b>OPERATING METHOD AND DEVICE FOR SUPPLEMENTARY COMPRESSED AIR INJECTION ENGINE OPERATING WITH MONO-ENERGY OR BI-ENERGY IN TWO OR THREE POWERING MODES</b><br/>[72] NEGRE, GUY, FR<br/>[72] NEGRE, CYRIL, FR<br/>[71] NEGRE, GUY, FR<br/>[85] 2000-11-29<br/>[86] 1999-06-02 (PCT/FR99/01288)<br/>[87] 1999-12-09 (WO99/63206)<br/>[30] FR (98/07131) 1998-06-03</p> | <p style="text-align: center;">[21] <b>2,334,091</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08F 220/04 6C11D 3/37</b><br/>[25] FR<br/>[54] <b>POLYACRYLATES A BIODEGRADABILITE AMELIOREE</b><br/>[54] <b>POLYACRYLATES WITH IMPROVED BIODEGRADIBILITY</b><br/>[72] LEPETIT, JEAN, FR<br/>[72] LOUBAT, CEDRIC, FR<br/>[72] GANCET, CHRISTIAN, FR<br/>[72] PIRRI, ROSANGELA, FR<br/>[72] BOUTEVIN, BERNARD, FR<br/>[71] ELF ATOCHEM S.A., FR<br/>[85] 2000-12-01<br/>[86] 1999-06-01 (PCT/FR99/01279)<br/>[87] 1999-12-09 (WO99/62971)<br/>[30] FR (98/06939) 1998-06-03</p>  | <p style="text-align: center;">[21] <b>2,334,095</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/02</b><br/>[25] FR<br/>[54] <b>DISPOSITIF INTRALUMINAL IMPLANTABLE</b><br/>[54] <b>IMPLANTABLE INTRALUMINAL DEVICE</b><br/>[72] CHERIF-CHEIKH, ROLAND, FR<br/>[71] SOCIETE DE CONSEILS ET DE RECHERCHES D’APPLICATIONS SCIENTIFIQUES (S.C.R, FR<br/>[85] 2000-12-01<br/>[86] 1999-06-04 (PCT/FR99/01324)<br/>[87] 1999-12-09 (WO99/62426)<br/>[30] FR (98/07036) 1998-06-04</p>  |
|   | <p style="text-align: center;">[21] <b>2,334,092</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65G 53/16 6B65G 53/20 6B65G 53/52</b><br/>[25] FR<br/>[54] <b>PROCEDE DE CONVOYAGE EN PHASE HYPERDENSE DE MATERIAUX PULVERULENTS APPLICABLE AU CONTOURNEMENT D’OBSTACLES</b><br/>[54] <b>METHOD FOR CONVEYING IN HIGH DENSITY PHASE POWDER MATERIALS APPLICABLE TO OBSTACLE AVOIDANCE</b><br/>[72] GASQUET, GERARD, FR<br/>[72] TORSIELLO, STEPHANE, FR<br/>[72] CLOUE, CHRISTIAN, FR<br/>[71] ALUMINIUM PECHINEY, FR<br/>[85] 2000-12-01<br/>[86] 1999-06-01 (PCT/FR99/01275)<br/>[87] 1999-12-09 (WO99/62800)<br/>[30] FR (98/07120) 1998-06-02</p> | <p style="text-align: center;">[21] <b>2,334,096</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08F 279/02 6C08F 291/02 6C08L 51/04</b><br/>[25] FR<br/>[54] <b>POLYMERE VINYLAROMATIQUE CHOC PAR POLYMERISATION D’UN MONOMERE VINYLAROMATIQUE EN PRESENCE D’UN RADICAL LIBRE STABLE ET D’UN AMORCEUR DE POLYMERISATION</b><br/>[54] <b>SHOCK VINYLAROMATIC POLYMER BY POLYMERISATION OF A VINYLAROMATIC MONOMER IN THE PRESENCE OF A STABLE FREE RADICAL AND A POLYMERISATION INITIATOR</b><br/>[72] BOUTILLIER, JEAN-MARC, FR<br/>[71] ATOFINA, FR<br/>[85] 2000-12-01<br/>[86] 1999-05-31 (PCT/FR99/01272)<br/>[87] 1999-12-09 (WO99/62975)<br/>[30] FR (98/06940) 1998-06-03</p> |

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|  |  |   |
|--|--|---|
| <p style="text-align: right;">[21] <b>2,334,097</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 1/00 6H04L 1/12</b><br/>[25] FR<br/>[54] <b>TRANSMISSION DE PAQUETS CODES SANS IDENTIFICATION DU CODE EMPLOYE</b><br/>[54] <b>CODED PACKET TRANSMISSION WITHOUT IDENTIFYING THE CODE USED</b><br/>[72] THIERION, PHILIPPE, FR<br/>[72] NAVARRO, WILLIAM, FR<br/>[72] GRUET, CHRISTOPHE, FR<br/>[72] GABIN, FREDERIC, FR<br/>[72] GOSNE, STEPHANE, FR<br/>[71] NORTEL MATRA CELLULAR, FR<br/>[85] 2000-12-01<br/>[86] 1999-06-03 (PCT/FR99/01314)<br/>[87] 1999-12-09 (WO99/63700)<br/>[30] FR (98/07255) 1998-06-03</p> | <p style="text-align: right;">[21] <b>2,334,100</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B65G 15/18</b><br/>[25] FR<br/>[54] <b>BANDE TRANSPORTEUSE SOUPLE SANS FIN A BANDE DE COUVERTURE SOUPLE ETANCHE</b><br/>[54] <b>ENDLESS FLEXIBLE CONVEYOR BELT WITH SEALED FLEXIBLE COVERING BELT</b><br/>[72] VALCALDA, FLORENT, FR<br/>[71] VALCALDA, FLORENT, FR<br/>[85] 2000-12-05<br/>[86] 2000-04-05 (PCT/FR00/00844)<br/>[87] 2000-10-19 (WO00/61468)<br/>[30] FR (99/04430) 1999-04-08</p>  | <p style="text-align: right;">[21] <b>2,334,104</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/28</b><br/>[25] EN<br/>[54] <b>PRE-FILLED CONTAINER</b><br/>[54] <b>RECIPIENT PRE-REMPLI</b><br/>[72] POPOVSKY, FRANK ALEXANDER, AU<br/>[71] ASTRA PHARMACEUTICALS PTY. LTD., AU<br/>[85] 2000-12-01<br/>[86] 1999-05-31 (PCT/AU99/00422)<br/>[87] 1999-12-09 (WO99/62577)<br/>[30] AU (PP 3878) 1998-06-03</p>  |
| <p style="text-align: right;">[21] <b>2,334,098</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B60C 15/06</b><br/>[25] FR<br/>[54] <b>BOURRELET RENFORCE DE PNEUMATIQUE RADIAL</b><br/>[54] <b>RADIAL TYRE REINFORCED TYRE BEAD</b><br/>[72] CORSI, PATRICK, FR<br/>[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN &amp; CIE, FR<br/>[85] 2000-12-04<br/>[86] 1999-05-25 (PCT/EP99/03606)<br/>[87] 1999-12-16 (WO99/64259)<br/>[30] FR (98/07146) 1998-06-05</p>  | <p style="text-align: right;">[21] <b>2,334,101</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A01K 61/00 7A01K 63/00</b><br/>[25] EN<br/>[54] <b>A DEVICE FOR CLEANING AQUARIUM WINDOWS, IN PARTICULAR THE INSIDE THEREOF, AS WELL AS A METHOD FOR CLEANING AQUARIUM WINDOWS</b><br/>[54] <b>DISPOSITIF DE NETTOYAGE DE VITRES D'AQUARIUMS, ET NOTAMMENT DE L'INTERIEUR DE TELLES VITRES, ET PROCEDE DE NETTOYAGE CORRESPONDANT</b><br/>[72] BAKKER, GERARDUS HENRICUS, NL<br/>[71] BAKKER HOLDING SON B.V., NL<br/>[85] 2000-12-01<br/>[86] 2000-01-04 (PCT/NL00/00004)<br/>[87] 2000-07-13 (WO00/40080)<br/>[30] NL (1010980) 1999-01-07</p> | <p style="text-align: right;">[21] <b>2,334,105</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07C 51/47 6B01J 47/00 6C08F 6/14 6C07C 53/21</b><br/>[25] EN<br/>[54] <b>PROCESS FOR THE RECOVERY OF FLUORINATED ALKANOIC ACIDS FROM WASTEWATER</b><br/>[54] <b>PROCEDE POUR LA RECUPERATION D'ACIDES ALCANOIQUES FLUORES DANS DES EAUX RESIDUAIRES</b><br/>[72] FUHRER, STEPHAN, DE<br/>[72] KNIEP, HAGEN, DE<br/>[72] KAISER, THOMAS, DE<br/>[72] SULZBACH, REINHARD, DE<br/>[72] FELIX, BERND, DE<br/>[72] BUDESHEIM, ARMIN, DE<br/>[71] DYNEON GMBH &amp; CO. KG, DE<br/>[71] AXIVA GMBH, DE<br/>[85] 2000-12-01<br/>[86] 1999-05-27 (PCT/EP99/03672)<br/>[87] 1999-12-09 (WO99/62858)<br/>[30] DE (198 24 614.5) 1998-06-02</p> |
| <p style="text-align: right;">[21] <b>2,334,099</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B60C 15/024</b><br/>[25] FR<br/>[54] <b>PNEUMATIQUE A PROTUBERANCE DE BOURRELET STRIEE</b><br/>[54] <b>TYRE WITH SERRATED TYRE BEAD PROTUBERANCE</b><br/>[72] MUHLHOFF, OLIVIER, FR<br/>[72] CHANDEZON, PIERRE, FR<br/>[72] DRIEUX, JEAN-JACQUES, FR<br/>[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN &amp; CIE, FR<br/>[85] 2000-12-04<br/>[86] 1999-05-14 (PCT/EP99/03345)<br/>[87] 1999-12-16 (WO99/64258)<br/>[30] FR (98/07150) 1998-06-05</p>  | <p style="text-align: right;">[21] <b>2,334,102</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E04B 5/14 6E01C 13/02 6F24D 5/10 6E04B 5/48</b><br/>[25] EN<br/>[54] <b>DEVICE FORMING A PARTITION BETWEEN STOREYS</b><br/>[54] <b>DISPOSITIF FORMANT UNE SEPARATION ENTRE ETAGES</b><br/>[72] VOLSTAD, OVE CHARLES, NO<br/>[71] VOLSTAD ENERGY AS, NO<br/>[85] 2000-12-01<br/>[86] 1999-05-20 (PCT/NO99/00162)<br/>[87] 1999-12-09 (WO99/63179)<br/>[30] NO (19982520) 1998-06-02</p>   |   |



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[21] **2,334,106**  
[13] A1

[51] **Int.Cl. 6E21B 47/00 6E21B 23/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MEASURING DATA IN A FLUID TRANSPORTATION CONDUIT**  
[54] **PROCEDE ET SYSTEME DE MESURE DANS UN CONDUIT DE TRANSPORT DE FLUIDE**  
[72] BIJLEVELD, AARNOUD FREDERIC, NL  
[72] DEN BOER, JOHANNIS JOSEPHUS, NL  
[72] MORRIS, JERRY LEE, US  
[72] KIMMINAU, STEPHEN JOHN, NL  
[72] SCHEMPF, HAGEN, US  
[72] STEWART, JOHN FOREMAN, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 2000-12-01  
[86] 1999-06-09 (PCT/EP99/04038)  
[87] 1999-12-23 (WO99/66172)  
[30] US (60/089,084) 1998-06-12

[21] **2,334,107**  
[13] A1

[51] **Int.Cl. 6C07C 271/28 6A61K 31/325**  
[25] EN  
[54] **NEW 3-ARYL-2-HYDROXYPROPIONIC ACID DERIVATIVE III**  
[54] **NOUVEAUX DERIVES III D'ACIDE 3-ARYL-2-HYDROXYPROPIONIQUE**  
[72] LINDSTEDT ALSTERMARK, EVA-LOTTE, SE  
[72] ANDERSSON, KJELL, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-12-01  
[86] 1999-05-31 (PCT/SE99/00940)  
[87] 1999-12-09 (WO99/62870)  
[30] SE (9801990-4) 1998-06-04

[21] **2,334,108**  
[13] A1

[51] **Int.Cl. 6B65B 1/06 6B65B 67/02 6B65D 43/10**  
[25] EN  
[54] **INDIVIDUAL PORTION FOOD DELIVERY SYSTEM, CONTAINER AND METHOD**  
[54] **SYSTEME, RECIPIENT ET PROCEDE PERMETTANT LA DISTRIBUTION DE PORTIONS INDIVIDUELLES D'ALIMENTS**  
[72] TOMLINSON, GERALD J., US  
[71] RESTAURANT TECHNOLOGY, INC., US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12659)  
[87] 1999-12-09 (WO99/62764)  
[30] US (09/090,445) 1998-06-04

[21] **2,334,109**  
[13] A1

[51] **Int.Cl. 6A01N 63/00 6A01N 63/02 6C12N 1/20**  
[25] EN  
[54] **NOVEL BIOCONTROL AGENTS**  
[54] **NOUVEAUX AGENTS DE LUTTE BIOLOGIQUE**  
[72] THANING, CHRISTIAN, SE  
[72] GERHARDSON, BERNDT, SE  
[72] HOKEBERG, MARGARETA, SE  
[71] BIOAGRI AB, SE  
[85] 2000-12-04  
[86] 1999-06-24 (PCT/SE99/01147)  
[87] 2000-01-06 (WO00/00032)  
[30] SE (9802290-8) 1998-06-26

[21] **2,334,110**  
[13] A1

[51] **Int.Cl. 6C08G 18/42 6A61L 27/00 6C08G 18/80**  
[25] EN  
[54] **BIOMEDICAL POLYURETHANE, ITS PREPARATION AND USE**  
[54] **POLYURETHANNE BIOMEDICAL; OBTEINTION ET UTILISATION**  
[72] DEKENS, FOLKERT GERHARDUS, NL  
[72] PENNING, ALBERT JOHAN, BE  
[72] DE GROOT, JACQUELINE HERMINA, NL  
[72] SPAANS, COENRAAD JAN, NL  
[71] POLYGANICS B.V., NL  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/NL99/00352)  
[87] 1999-12-16 (WO99/64491)  
[30] EP (98201868.1) 1998-06-05

[21] **2,334,111**  
[13] A1

[51] **Int.Cl. 6G09G 3/36**  
[25] EN  
[54] **DISPLAY MODULE DRIVING SYSTEM COMPRISING DIGITAL TO ANALOG CONVERTERS**  
[54] **SYSTEME DE COMMANDE DE MODULE D'AFFICHAGE ET DENUMERISEUR ASSOCIE**  
[72] KIM, EUN-GU, US  
[71] SILICON IMAGE, INC., US  
[85] 2001-12-04  
[86] 1999-06-04 (PCT/US99/12653)  
[87] 1999-12-09 (WO99/63513)  
[30] US (60/088,128) 1998-06-04

[21] **2,334,112**  
[13] A1

[51] **Int.Cl. 6B25B 27/10 6B21D 17/02**  
[25] EN  
[54] **PIPE CRIMPING APPARATUS**  
[54] **SERTISSEUSE DE TUBES**  
[72] IRWIN, WILLIAM JAMES, GB  
[71] IRWIN, WILLIAM JAMES, GB  
[85] 2000-12-04  
[86] 1999-06-07 (PCT/GB99/01649)  
[87] 1999-12-16 (WO99/64206)  
[30] GB (9812086.8) 1998-06-05

[21] **2,334,113**  
[13] A1

[51] **Int.Cl. 7G06F 13/36**  
[25] EN  
[54] **ARCHITECTURE FOR A UNIVERSAL SERIAL BUS-BASED PC FLASH DISK**  
[54] **ARCHITECTURE POUR DISQUE FLASH PC A BUS SERIE UNIVERSEL**  
[72] OGDAN, ORON, IL  
[72] MORAN, DOV, IL  
[72] BAN, AMIR, IL  
[71] M-SYSTEMS FLASH DISK PIONEERS LTD., IL  
[85] 2000-12-04  
[86] 2000-03-20 (PCT/US00/07087)  
[87] 2000-10-12 (WO00/60476)  
[30] US (09/285,706) 1999-04-05

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[21] **2,334,114**  
[13] A1

[51] **Int.Cl. 6C01B 15/10 6C11D 17/00 6C11D 3/12 6C11D 3/39**  
[25] EN  
[54] **COATED SODIUM PERCARBONATE PARTICLES, PROCESS FOR THEIR PREPARATION, THEIR USE IN DETERGENT COMPOSITIONS AND DETERGENT COMPOSITIONS CONTAINING THEM**  
[54] **PARTICULES DE PERCARBONATE DE SODIUM ENROBEES, PROCEDE DE PREPARATION DE CES PARTICULES, LEUR UTILISATION DANS DES COMPOSITIONS DETERGENTES ET COMPOSITIONS DETERGENTES CONTENANT CES PARTICULES**  
[72] HORNE, GRAHAM R., GB  
[72] JAMES, ALUN P., GB  
[72] CANDY, TOM, GB  
[72] MATHES, MANFRED, DE  
[72] ROESLER, RICHARD, BE  
[71] SOLVAY (SOCIÉTÉ ANONYME), BE  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/EP99/03948)  
[87] 1999-12-16 (WO99/64350)  
[30] EP (98304478.5) 1998-06-05

[21] **2,334,115**  
[13] A1

[51] **Int.Cl. 7E21B 34/10 7E21B 43/12**  
[25] EN  
[54] **A DEVICE AND METHOD FOR REGULATING FLUID FLOW IN A WELL**  
[54] **DISPOSITIF ET PROCEDE DE REGULATION DE DEBIT DE FLUIDE DANS UN PUIT**  
[72] GUNNARSSON, BENGT, NO  
[72] HAUGHOM, PER OLAV, NO  
[71] GUNNARSSON, BENGT, NO  
[71] HAUGHOM, PER OLAV, NO  
[85] 2000-12-04  
[86] 1999-06-01 (PCT/NO99/00174)  
[87] 1999-12-09 (WO99/63234)  
[30] NO (19982609) 1998-06-05

[21] **2,334,116**  
[13] A1

[51] **Int.Cl. 6A61K 31/00**  
[25] EN  
[54] **TREATMENT OF DIABETES**  
[54] **TRAITEMENT DE DIABETES**  
[72] APELQVIST, THERESA, SE  
[72] EFENDIC, SUAD, SE  
[71] KARO BIO AB, SE  
[85] 2000-12-04  
[86] 1999-06-07 (PCT/IB99/01175)  
[87] 1999-12-16 (WO99/63976)  
[30] GB (9812314.4) 1998-06-08  
[30] GB (9815149.1) 1998-07-13

[21] **2,334,117**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G01N 33/68**  
[25] EN  
[54] **USE OF CATHEPSIN S IN THE DIAGNOSIS AND TREATMENT OF ENDOMETRIOSIS**  
[54] **UTILISATION DE CATHEPSINE S DANS LE DIAGNOSTIC ET LE TRAITEMENT DE L'ENDOMETRIOSE**  
[72] SCHNEIDER, PATRICK, US  
[72] YAMAMOTO, KAREN K., US  
[72] FRENCH, CYNTHIA K., US  
[71] REPROGEN, INC., US  
[85] 2000-12-04  
[86] 1999-06-03 (PCT/US99/12335)  
[87] 1999-12-09 (WO99/63115)  
[30] US (60/088,017) 1998-06-04

[21] **2,334,118**  
[13] A1

[51] **Int.Cl. 6B23K 9/26**  
[25] EN  
[54] **GAS-METAL-ARC WELDING CONTACT TIP**  
[54] **TUBE-CONTACT POUR SOUDAGE A L'ARC SOUS PROTECTION GAZEUSE**  
[72] VILLAFUERTE, JULIO, CA  
[71] TREGASKISS LTD., CA  
[85] 2000-12-04  
[86] 1999-06-16 (PCT/IB99/01122)  
[87] 1999-12-23 (WO99/65635)  
[30] US (60/089,752) 1998-06-18  
[30] US (09/329,510) 1999-06-10

[21] **2,334,119**  
[13] A1

[51] **Int.Cl. 6A61K 31/565 6A61K 38/19**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION WITH TUMOR NECROSIS FACTOR A AND 2-METHOXYESTRONE-3-O-SULPHAMATE FOR INHIBITION OF ESTRONE SULPHATASE**  
[54] **COMPOSITION PHARMACEUTIQUE A FACTEUR A DE NECROSE TUMORALE ET 2-METHOXYOESTRONE-3-O-SULFAMATE POUR L'INHIBITION D'OESTRONE SULFATASE**  
[72] POTTER, BARRY VICTOR LLOYD, GB  
[72] REED, MICHAEL JOHN, GB  
[71] STERIX LIMITED, GB  
[85] 2000-12-04  
[86] 1999-06-10 (PCT/GB99/01835)  
[87] 1999-12-16 (WO99/64013)  
[30] GB (9812535.4) 1998-06-10  
[30] GB (9910167.7) 1999-04-30

[21] **2,334,120**  
[13] A1

[51] **Int.Cl. 6A61K 31/55**  
[25] EN  
[54] **SUSTAINED RELEASE ORAL PREPARATIONS OF FASUDIL HYDROCHLORIDE**  
[54] **PREPARATIONS ORALES, A LIBERATION PROLONGEE, A BASE DE CHLORHYDRATE DE FASUDIL**  
[72] NISHIO, FUMIHIDE, JP  
[72] SUGI, TOMOKAZU, JP  
[71] ASAHI KASEI KOGYO KABUSHIKI KAISHA, JP  
[85] 2000-12-04  
[86] 1999-08-04 (PCT/JP99/04196)  
[87] 2000-02-24 (WO00/09133)  
[30] JP (10/236606) 1998-08-10

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[21] **2,334,121**  
[13] A1

[51] **Int.Cl. 6B01D 39/16**  
[25] EN  
[54] **STRUCTURED SURFACE  
FILTRATION MEDIA**  
[54] **MILIEU FILTRANT A SURFACE  
STRUCTUREE**  
[72] INSLEY, THOMAS I., US  
[72] JOHNSTON, RAYMOND P., US  
[71] MINNESOTA MINING AND  
MANUFACTURING COMPANY, US  
[85] 2000-12-04  
[86] 1998-10-27 (PCT/US98/22612)  
[87] 1999-12-23 (WO99/65593)  
[30] US (09/106,506) 1998-06-18

[21] **2,334,132**  
[13] A1

[51] **Int.Cl. 7H04B 10/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
AUTOMATICALLY IDENTIFYING  
SYSTEM FAULTS IN AN OPTICAL  
COMMUNICATIONS SYSTEM FROM  
REPEATER LOOP GAIN SIGNATURES**  
[54] **PROCEDE ET APPAREIL  
PERMETTANT L'IDENTIFICATION  
AUTOMATIQUE DES PANNES D'UN  
SYSTEME DANS UN SYSTEME DE  
COMMUNICATION OPTIQUE A  
PARTIR DE SIGNATURES DE GAIN DE  
LA BOUCLE DU REPETEUR**  
[72] THEOPHALL, PETER, US  
[72] LISS, JONATHAN, US  
[72] KRAM, RICHARD, US  
[71] TYCO SUBMARINE SYSTEMS LTD.,  
US  
[85] 2000-11-29  
[86] 2000-03-31 (PCT/US00/08675)  
[87] 2000-10-12 (WO00/60773)  
[30] US (09/285,581) 1999-04-02

[21] **2,334,133**  
[13] A1

[51] **Int.Cl. 6H04M 11/00 6H04Q 7/00  
6H04Q 1/30**  
[25] EN  
[54] **METHOD FOR TWO-STAGE DATA  
TRANSMISSION**  
[54] **PROCEDE DE TRANSMISSION DE  
DONNEES EN DEUX ETAPES**  
[72] TKATCH, RANDY T., CA  
[72] GODOROJA, ANDREI, CA  
[72] GAYTON, DONALD W., CA  
[71] GLENAYRE ELECTRONICS, INC.,  
US  
[85] 2000-11-29  
[86] 1999-06-02 (PCT/US99/12329)  
[87] 1999-12-09 (WO99/63742)  
[30] US (09/088,950) 1998-06-02

[21] **2,334,136**  
[13] A1

[51] **Int.Cl. 6A61M 25/00**  
[25] EN  
[54] **SYSTEM FOR WITHDRAWAL OF  
BLOOD**  
[54] **SYSTEME DE PRELEVEMENT DE  
SANG**  
[72] CRIMI, THOMAS G., US  
[72] VERKAART, WESLEY H., US  
[71] HARVEST TECHNOLOGIES  
CORPORATION, US  
[85] 2000-11-29  
[86] 1999-06-01 (PCT/US99/10485)  
[87] 1999-12-09 (WO99/62583)  
[30] US (60/087,398) 1998-06-01

[21] **2,334,137**  
[13] A1

[51] **Int.Cl. 6B01D 1/14 6B01D 3/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
CONCENTRATING A SOLUTE IN  
SOLUTION WITH A SOLVENT**  
[54] **PROCEDE ET APPAREIL  
PERMETTANT DE CONCENTRER UN  
SOLUTE PRESENT DANS UNE  
SOLUTION CONTENANT UN  
SOLVANT**  
[72] CALFEE, RICHARD V., US  
[72] BUECHE, KENNETH M., US  
[71] ADVANCED CARDIOVASCULAR  
SYSTEMS, INC., US  
[85] 2000-11-29  
[86] 1999-06-04 (PCT/US99/12554)  
[87] 1999-12-09 (WO99/62607)  
[30] US (09/090,891) 1998-06-04

[21] **2,334,138**  
[13] A1

[51] **Int.Cl. 6A61N 5/00**  
[25] EN  
[54] **RADIATION SOURCE**  
[54] **SOURCE DE RAYONNEMENT**  
[72] BUECHE, KENNETH M., US  
[72] BRADSHAW, ANTHONY J., US  
[72] THORNTON, RICHARD T., US  
[71] ADVANCED CARDIOVASCULAR  
SYSTEMS, INC., US  
[85] 2000-11-29  
[86] 1999-06-04 (PCT/US99/12608)  
[87] 1999-12-09 (WO99/62590)  
[30] US (09/090,892) 1998-06-04

[21] **2,334,141**  
[13] A1

[51] **Int.Cl. 7A23P 1/12 7A23P 1/14**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR  
EXTRUSION OF EXPANDING WATER  
HOLDING PRODUCTS SUCH AS  
FOODSTUFF PARTICLES OR FEEDING  
STUFF PELLETS**  
[54] **PROCEDE ET APPAREIL  
PERMETTANT L'EXTRUSION DE  
PRODUITS EN EXPANSION  
RETENANT L'EAU, NOTAMMENT DES  
PARTICULES DE DENREES  
ALIMENTAIRES OU DES ALIMENTS  
GRANULES POUR ANIMAUX**  
[72] FLARUP-KNUDSEN, ANDERS, DK  
[71] SPROUT-MATADOR A/S, DK  
[85] 2000-11-29  
[86] 1999-05-27 (PCT/DK99/00284)  
[87] 1999-12-09 (WO99/62361)  
[30] DK (PA 1998 00737) 1998-05-29

[21] **2,334,144**  
[13] A1

[51] **Int.Cl. 6A61K 7/16**  
[25] EN  
[54] **DENTIFRICE COMPOSITION  
CONTAINING ENCAPSULATED  
REACTIVE INGREDIENTS**  
[54] **COMPOSITION DENTIFRICE  
CONTENANT DES INGREDIENTS  
REACTIFS ENCAPSULES**  
[72] PRENCIPE, MICHAEL, US  
[72] WONG, MICHAEL, US  
[71] COLGATE-PALMOLIVE COMPANY,  
US  
[85] 2000-11-29  
[86] 1999-06-01 (PCT/US99/12197)  
[87] 1999-12-09 (WO99/62471)  
[30] US (09/090,293) 1998-06-04

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[21] **2,334,145**  
[13] A1

[51] **Int.Cl. 7B41J 2/175**  
[25] EN  
[54] **METHOD OF FILLING AN INK CARTRIDGE WITH INK AND AN APPARATUS THEREOF**  
[54] **PROCEDE ET DISPOSITIF DE REMPLISSAGE D'ENCRE DANS UNE CARTOUCHE**  
[72] NAKAMURA, YUICHI, JP  
[72] KOIKE, HISASHI, JP  
[72] SUDA, YUKIHARU, JP  
[72] SHINADA, SATOSHI, JP  
[71] SEIKO EPSON CORPORATION, JP  
[85] 2000-11-29  
[86] 2000-03-27 (PCT/JP00/01846)  
[87] 2000-10-05 (WO00/58100)  
[30] JP (11/86360) 1999-03-29

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[21] **2,334,146**  
[13] A1

[51] **Int.Cl. 6A61K 51/04**  
[25] EN  
[54] **RADIOIODINATED PHENOLS FOR BRACHYTHERAPY**  
[54] **PHENOLS RADIO-IODES POUR CURIETHERAPIE**  
[72] STRICKLAND, ALAN D., US  
[72] FRANK, R. KEITH, US  
[72] SIMON, JAIME, US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-11-29  
[86] 1999-06-01 (PCT/US99/12161)  
[87] 1999-12-09 (WO99/62564)  
[30] US (60/087,769) 1998-06-02

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[21] **2,334,147**  
[13] A1

[51] **Int.Cl. 7A61B 17/14**  
[25] EN  
[54] **DEVICE AND METHOD FOR RESECTING BODY TISSUES**  
[54] **APPAREIL ET PROCEDE PERMETTANT LA RESECTION DE TISSUS ORGANIQUE**  
[72] LEV, AVIGDOR, IL  
[71] MEDICAL ENTERPRISES LTD., BB  
[85] 2000-11-29  
[86] 2000-03-23 (PCT/US00/07713)  
[87] 2000-10-05 (WO00/57797)  
[30] US (09/282,168) 1999-03-31

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[21] **2,334,150**  
[13] A1

[51] **Int.Cl. 6E21B 29/06 6E21B 27/00 6E21B 4/16 6E21B 7/28**  
[25] EN  
[54] **DOWNHOLE MILLING DEVICE**  
[54] **DISPOSITIF DE FRAISAGE EN FOND DE TROU**  
[72] AMORY, MARC EMMANUEL, NL  
[72] ANDERSON, MARK WILSON, NL  
[72] WILLEMSE, ONNO, NL  
[72] POINTING, MICHAEL EDWARD, NL  
[72] FISHER, SIMON LAWRENCE, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 2000-12-04  
[86] 1999-06-09 (PCT/EP99/04039)  
[87] 1999-12-16 (WO99/64715)  
[30] EP (98304595.6) 1998-06-10

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[21] **2,334,151**  
[13] A1

[51] **Int.Cl. 6B01J 31/18 6C07C 253/10 6C07F 9/48**  
[25] EN  
[54] **CATALYST COMPRISING A COMPLEX OF A METAL FROM SUBGROUP VIII BASED ON A BIDENTATE PHOSPHONITE LIGAND, AND METHOD FOR PRODUCING NITRILES**  
[54] **CATALYSEUR COMPRENANT UN COMPLEXE D'UN METAL DU VIIIEME GROUPE SECONDAIRE A BASE D'UN LIGAND PHOSPHONITE A DEUX DENTS ET PROCEDE DE PREPARATION DE NITRILES**  
[72] FISCHER, JAKOB, DE  
[72] KEITEL, DAGMAR PASCALE, DE  
[72] SIEGEL, WOLFGANG, DE  
[72] SIGGEL, LORENZ, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/EP99/03888)  
[87] 1999-12-16 (WO99/64155)  
[30] DE (198 25 212.9) 1998-06-05

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[21] **2,334,152**  
[13] A1

[51] **Int.Cl. 6H01R 13/518**  
[25] EN  
[54] **TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES AND METHOD OF ASSEMBLING SUCH A PANEL**  
[54] **PANNEAU DE RACCORDEMENT DE TELECOMMUNICATION A MODULES DE CONNECTEUR ANGULAIRES ET PROCEDE DE MONTAGE DE CE PANNEAU**  
[72] FOLLINGSTAD, MICHAEL JAY, US  
[71] ADC TELECOMMUNICATIONS, INC., US  
[85] 2000-12-04  
[86] 1999-05-20 (PCT/US99/11120)  
[87] 1999-12-09 (WO99/63628)  
[30] US (09/092,545) 1998-06-05

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[21] **2,334,153**  
[13] A1

[51] **Int.Cl. 6H04B 7/08 6H04L 25/03 6H04L 1/06**  
[25] EN  
[54] **SPATIO-TEMPORAL EQUALISATION USING CHOLESKY FACTORISATION AND SYSTOLIC ARRAYS**  
[54] **EGALISATION SPATIO-TEMPORELLE PAR FACTORISATION DE CHOLESKY ET RESEAUX SYSTOLIQUES**  
[72] PAROLARI, SERGIO, IT  
[72] SPAGNOLINI, UMBERTO, IT  
[72] FANFONI, SABINA, IT  
[72] PICCIRIELLO, AGOSTINO, IT  
[71] SIEMENS INFORMATION AND COMMUNICATION NETWORKS S.P.A., IT  
[85] 2000-12-04  
[86] 1999-06-03 (PCT/EP99/03945)  
[87] 1999-12-16 (WO99/65160)  
[30] IT (MI98A001280) 1998-06-05

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[21] **2,334,154**  
[13] A1

[51] **Int.Cl. 6C08G 69/10**  
[25] EN  
[54] **FUNCTIONALISED POLYMERS OF .ALPHA.-AMINO ACIDS AND THE METHOD OF PREPARATION THEREOF**  
[54] **POLYMERES FONCTIONNALISES D'.ALPHA.-AMINOACIDES ET LEUR PROCEDE DE PREPARATION**  
[72] KUBIES, DANA, SK  
[72] MACHOVA, LUDKA, CZ  
[72] DVORAK, MILAN, CZ  
[72] RYPACEK, FRANTISEK, CZ  
[71] USTAV MAKROMOLEKULARNI CHEMIE AKADEMIE VED CESKE REPUBLIKY, CZ  
[85] 2000-12-04  
[86] 1999-06-03 (PCT/CZ99/00016)  
[87] 1999-12-16 (WO99/64495)  
[30] CZ (PV 1738-98) 1998-06-05

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[21] **2,334,155**  
[13] A1

[51] **Int.Cl. 6C07F 5/02 6A61K 31/69**  
[25] EN  
[54] **CYCLIC BOROPROLINE COMPOUNDS**  
[54] **COMPOSES CYCLIQUES DE BOROPROLINE**  
[72] WALLNER, BARBARA P., US  
[71] POINT THERAPEUTICS, INC., US  
[85] 2000-12-04  
[86] 1999-05-14 (PCT/US99/10777)  
[87] 1999-12-09 (WO99/62914)  
[30] US (60/088,540) 1998-06-05

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[21] **2,334,156**  
[13] A1

[51] **Int.Cl. 6G08B 13/14**  
[25] EN  
[54] **RADIO FREQUENCY IDENTIFICATION TAG HAVING AN ARTICLE INTEGRATED ANTENNA**  
[54] **BADGE D'IDENTIFICATION RADIOFREQUENCE AVEC ANTENNE INTEGREE A UN ARTICLE**  
[72] EBERHARDT, NOEL H., US  
[72] GHAEM, SANJAR, US  
[71] MOTOROLA, INC., US  
[85] 2000-12-04  
[86] 1999-06-08 (PCT/US99/12640)  
[87] 1999-12-16 (WO99/65002)  
[30] US (09/094,261) 1998-06-09

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[21] **2,334,158**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLE EXHIBITING HIGH SUSTAINED ACQUISITION RATES**  
[54] **ARTICLE ABSORBANT AVEC TAUX DE COLLECTE ELEVES SOUTENUS**  
[72] EHRNSPERGER, BRUNO JOHANNES, DE  
[72] SCHMIDT, MATTIAS, DE  
[72] POURSANIDIS, GEORGIOS, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-04  
[86] 1999-06-29 (PCT/US99/14649)  
[87] 2000-01-06 (WO00/00142)  
[30] US (PCT/US98/13449) 1998-06-29  
[30] US (PCT/US98/13497) 1998-06-29  
[30] US (PCT/US98/13521) 1998-06-29  
[30] US (PCT/US98/13523) 1998-06-29

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[21] **2,334,162**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **DEVICE FOR HANDLING BODY LIQUIDS WHICH TRANSPORTS BODY LIQUID BY SIPHONING**  
[54] **DISPOSITIF D'EVACUATION DE LIQUIDES CORPORELS PAR EFFET DE SIPHON**  
[72] EHRNSPERGER, BRUNO JOHANNES, DE  
[72] SCHMIDT, MATTIAS, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-04  
[86] 1999-06-29 (PCT/US99/14648)  
[87] 2000-01-06 (WO00/00141)  
[30] US (PCT/US98/13449) 1998-06-29  
[30] US (PCT/US98/13497) 1998-06-29  
[30] US (PCT/US98/13521) 1998-06-29  
[30] US (PCT/US98/13523) 1998-06-29

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[21] **2,334,167**  
[13] A1

[51] **Int.Cl. 6E04B 5/00**  
[25] EN  
[54] **A FLOOR ASSEMBLY HAVING AN EXTRUSION AND SNAP CONNECTOR**  
[54] **ENSEMBLE PLANCHER A EXTRUSIONS ET CONNECTEUR ENCLIQUETABLE**  
[72] ANDRES, THOMAS J., US  
[71] THERMAL INDUSTRIES, INC., US  
[85] 2000-12-01  
[86] 1999-06-01 (PCT/US99/11996)  
[87] 1999-12-09 (WO99/63178)  
[30] US (09/088,250) 1998-06-01

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[21] **2,334,163**  
[13] A1

[51] **Int.Cl. 7B32B 5/26 7B32B 29/02 7B32B 7/08**  
[25] EN  
[54] **PAPER WEB HAVING A LIQUID IMPERMEABLE, BREATHABLE BARRIER LAYER**  
[54] **BANDE DE PAPIER DOTEES D'UNE COUCHE BARRIERE IMPERMEABLE AUX LIQUIDES ET IMPER-PERSPIRANTE**  
[72] STEINHARDT, MARK JOHN, US  
[72] KELLY, STEPHEN ROBERT, US  
[72] CABELL, DAVID WILLIAM, US  
[72] DINIUS, CYNTHIA SUE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-04  
[86] 1999-07-19 (PCT/IB99/01291)  
[87] 2000-02-03 (WO00/05065)  
[30] US (09/120,828) 1998-07-22

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[21] **2,334,166**  
[13] A1

[51] **Int.Cl. 6A22C 7/00**  
[25] EN  
[54] **IMPROVED FOOD PATTY MOLDING MACHINE**  
[54] **MACHINE AMELIOREE A MOULER LES GALETTES**  
[72] LINDEE, SCOTT A., US  
[72] SANDBERG, GLENN, US  
[71] FORMAX, INC., US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12501)  
[87] 1999-12-09 (WO99/62344)  
[30] US (60/088,243) 1998-06-05  
[30] US (60/088,303) 1998-06-05

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[21] **2,334,167**  
[13] A1

[51] **Int.Cl. 6E04B 5/00**  
[25] EN  
[54] **A FLOOR ASSEMBLY HAVING AN EXTRUSION AND SNAP CONNECTOR**  
[54] **ENSEMBLE PLANCHER A EXTRUSIONS ET CONNECTEUR ENCLIQUETABLE**  
[72] ANDRES, THOMAS J., US  
[71] THERMAL INDUSTRIES, INC., US  
[85] 2000-12-01  
[86] 1999-06-01 (PCT/US99/11996)  
[87] 1999-12-09 (WO99/63178)  
[30] US (09/088,250) 1998-06-01

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[21] **2,334,169**  
[13] A1  
[51] **Int.Cl. 6G06F 17/24**  
[25] EN  
[54] **UNIVERSAL FORMS ENGINE**  
[54] **MOTEUR UNIVERSEL POUR**  
**FORMULAIRES**  
[72] STEDMAN, JOHN W., US  
[72] HERTZ, ANDREE J., US  
[72] PRICE, RAYMOND L., US  
[72] WOLFSTON, JAMES H., JR., US  
[72] HITCHCOCK, MICHAEL D., US  
[71] COLLEGENET, INC., US  
[85] 2000-12-01  
[86] 1999-06-04 (PCT/US99/12539)  
[87] 1999-12-09 (WO99/63454)  
[30] US (60/088,123) 1998-06-04  
[30] US () 1999-06-03

[21] **2,334,172**  
[13] A1  
[51] **Int.Cl. 6A61F 5/01 6A61F 5/00**  
[25] EN  
[54] **HARDENABLE ORTHOPAEDIC**  
**SUPPORT WITH IMPROVED**  
**CONFIGURATION**  
[54] **SUPPORT ORTHOPEDIQUE**  
**DURCISSABLE A CONFIGURATION**  
**AMELIOREE**  
[72] PELOTE, STEVEN T., US  
[72] GRIM, TRACY E., US  
[72] CAMPOS, MICHAEL, US  
[72] SPEAKES, KELLY M., US  
[72] IGLESIAS, JOSEPH M., US  
[71] ROYCE MEDICAL PRODUCTS, US  
[85] 2000-12-01  
[86] 1999-06-01 (PCT/US99/11993)  
[87] 1999-12-09 (WO99/62440)  
[30] US (09/088,905) 1998-06-02  
[30] US (09/307,300) 1999-05-07

[21] **2,334,173**  
[13] A1  
[51] **Int.Cl. 6H01M 12/06 6G01R 31/36**  
**6H01M 6/50 6H01M 10/52**  
[25] EN  
[54] **BATTERY HAVING A BUILT-IN**  
**CONTROLLER**  
[54] **PILE A CONTROLEUR INTEGRE**  
[72] GARTSTEIN, VLADIMIR, US  
[72] NEBRIGIC, DRAGAN DANILO, US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2000-12-04  
[86] 1999-04-01 (PCT/US99/07170)  
[87] 1999-10-14 (WO99/52170)  
[30] US (09/054,087) 1998-04-02  
[30] US (09/054,012) 1998-04-02

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[13] A1  
[51] **Int.Cl. 6A61M 5/168 6A61M 5/145**  
[25] EN  
[54] **GAS DRIVEN DRUG DELIVERY**  
**DEVICE**  
[54] **DISPOSITIF D'ADMINISTRATION**  
**DE MEDICAMENT A COMMANDE A**  
**GAZ**  
[72] ROZANOWICH, MARIO, IL  
[72] GROSS, JOSEPH, IL  
[72] TSALS, IZRAIL, US  
[72] DANON, HAIM, IL  
[72] CABIRI, OZ, IL  
[72] NITZAN, ZVI, IL  
[72] LAVI, GILAD, IL  
[71] ELAN CORPORATION, PLC, IE  
[85] 2000-12-01  
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[87] 1999-12-09 (WO99/62576)

[21] **2,334,175**  
[13] A1  
[51] **Int.Cl. 6H01L 33/00**  
[25] EN  
[54] **FAST LUMINESCENT SILICON**  
[54] **SILICIUM A LUMINESCENCE**  
**RAPIDE**  
[72] YANG, HONG, CA  
[72] DAG, OMER, CA  
[72] OZIN, GEOFFREY, CA  
[71] THE GOVERNING COUNCIL OF THE  
UNIVERSITY OF TORONTO, CA  
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[86] 1999-06-04 (PCT/CA99/00521)  
[87] 1999-12-16 (WO99/65085)  
[30] US (09/090,975) 1998-06-05

[21] **2,334,176**  
[13] A1  
[51] **Int.Cl. 6B23K 20/12 6H02P 7/00**  
**6B06B 1/02**  
[25] EN  
[54] **TRAJECTORY CONTROLLER**  
[54] **REGULATEUR DE TRAJECTOIRE**  
[72] MARCINKIEWICZ, JOSEPH G., US  
[72] LOVETT, DONALD C., US  
[71] EMERSON ELECTRIC CO., US  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/IB99/01142)  
[87] 1999-12-09 (WO99/62666)  
[30] US (09/088,922) 1998-06-02

[21] **2,334,178**  
[13] A1  
[51] **Int.Cl. 6G03G 7/00 6D21H 17/16**  
**6D21H 21/16 6D21H 17/17 6D21H 17/72**  
[25] EN  
[54] **SIZED PAPER AND ITS USE IN**  
**HIGH SPEED CONVERTING OR**  
**REPROGRAPHICS OPERATIONS**  
[54] **PAPIER ENCOLLE ET SON**  
**UTILISATION DANS DES**  
**OPERATIONS DE CONVERSION OU DE**  
**REPROGRAPHIE A VITESSE ELEVEE**  
[72] BRUNGARDT, CLEMENT L., US  
[71] HERCULES INCORPORATED, US  
[85] 2000-12-01  
[86] 1998-06-12 (PCT/US98/11597)  
[87] 1999-12-16 (WO99/64934)

[21] **2,334,179**  
[13] A1  
[51] **Int.Cl. 6H04M 3/42**  
[25] EN  
[54] **METHOD OF AND SYSTEM FOR**  
**PROVIDING SERVICES IN A**  
**COMMUNICATIONS NETWORK**  
[54] **PROCEDE ET SYSTEME**  
**FOURNISSEUR DE SERVICES DANS**  
**UN RESEAU DE**  
**TELECOMMUNICATIONS**  
[72] PORTER, KELVIN, US  
[72] WALLER, CAROL, US  
[71] MCI WORLDCOM, INC., US  
[85] 2000-12-01  
[86] 1999-05-26 (PCT/US99/11689)  
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[51] **Int.Cl. 7E02B 5/08 7E02B 13/00 7A01G 25/00 7B01D 17/022 7E02B 15/04 7A01G 27/04 7C09K 3/32**

[25] EN  
[54] **LIQUID TRANSPORT MEMBER FOR HIGH FLUX RATES BETWEEN A PORT REGION AND AN OPENING**  
[54] **ELEMENT DE TRANSPORT DE LIQUIDES A DEBIT VOLUMIQUE ELEVE ENTRE UNE ZONE D'ORIFICE ET UNE OUVERTURE**  
[72] SCHUMANN, KARL MICHAEL, DE  
[72] YOUNG, GERALD ALFRED, US  
[72] LAVON, GARY DEAN, DE  
[72] ROE, DONALD CARROLL, US  
[72] EHRNSPERGER, BRUNO JOHANNES, DE  
[72] SCHMIDT, MATTIAS, DE  
[72] DESAI, FRED NAVAL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-01  
[86] 1999-06-29 (PCT/US99/14634)  
[87] 2000-01-06 (WO00/00701)  
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[21] **2,334,181**  
[13] A1

[51] **Int.Cl. 7A63B 53/04 7A63B 53/00**

[25] EN  
[54] **GOLF CLUB HEAD, IRON GOLF CLUB HEAD, WOOD GOLF CLUB HEAD, AND GOLF CLUB SET**  
[54] **TETE DE CLUB DE GOLF, TETE DE CLUB DE GOLF EN FER, TETE DE CLUB DE GOLF EN BOIS ET JEU DE CLUBS DE GOLF**  
[72] IWATA, MOTOTAKA, JP  
[72] NAGAO, HIROSHI, JP  
[72] SHIMOTAKA, KANTA, JP  
[72] SAKAI, KOJI, JP  
[72] KIMURA, TAKASHI, JP  
[72] TSUJI, KEI, JP  
[71] MIZUNO CORPORATION, JP  
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[86] 2000-04-03 (PCT/JP00/02162)  
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[21] **2,334,182**  
[13] A1

[51] **Int.Cl. 6C11B 1/10 6A23D 9/00 6A01H 5/10**

[25] EN  
[54] **HIGH STABLE VEGETABLE OILS**  
[54] **HUILES VEGETALES DE GRANDE STABILITE**  
[72] FERNANDEZ-MARTINEZ, JOSE MARIA, ES  
[72] GARCES, RAFAEL, ES  
[72] MANCHA, MANUEL, ES  
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES  
[85] 2000-12-04  
[86] 1999-05-26 (PCT/EP99/01991)  
[87] 1999-12-16 (WO99/64546)  
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[21] **2,334,183**  
[13] A1

[51] **Int.Cl. 7E04B 5/48**

[25] EN  
[54] **MODULAR FLOOR TILES AND FLOOR SYSTEM**  
[54] **DALLES MODULAIRES ET SYSTEME DE DALLES MODULAIRES**  
[72] LOVEGROVE, ROSS, GB  
[72] PEART, STEPHEN, US  
[72] INSALACO, ROBERT, US  
[71] HERMAN MILLER, INC., US  
[85] 2000-12-01  
[86] 1999-06-01 (PCT/US99/11966)  
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[30] US (60/087,582) 1998-06-01

[21] **2,334,185**  
[13] A1

[51] **Int.Cl. 6B68B 1/06**

[25] EN  
[54] **PINCHLESS BRIDLE BIT**  
[54] **MORS DE BRIDE SANS PINCEMENT**  
[72] ROBART, DAVID, US  
[71] ROBART, DAVID, US  
[85] 2000-12-04  
[86] 1998-08-27 (PCT/US98/18183)  
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[21] **2,334,186**  
[13] A1

[51] **Int.Cl. 6A61K 35/78**

[25] EN  
[54] **MONOAMINE OXIDASE (MAO) INHIBITORS AND USES THEREOF**  
[54] **INHIBITEURS DE MONOAMINE OXYDASE (MAO) ET LEURS UTILISATIONS**  
[72] DELORENZO, ROBERT J., US  
[72] WILLIAMS, JONNIE R., US  
[72] BURTON, HAROLD R., US  
[71] REGENT COURT TECHNOLOGIES, US  
[85] 2000-12-04  
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[30] US (60/088,117) 1998-06-05

[21] **2,334,189**  
[13] A1

[51] **Int.Cl. 6A61K 31/55 6C07D 498/22**

[25] EN  
[54] **BRIDGED INDENOPYRROLOCARBAZOLES**  
[54] **INDENOPYRROLOCARBAZOLES PONTES**  
[72] UNDERINER, THEODORE L., US  
[72] HUDKINS, ROBERT L., US  
[72] SINGH, JASBIR, US  
[72] TRIPATHY, RABINDRANATH, US  
[72] MALLAMO, JOHN P., US  
[71] CEPHALON, INC., US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12531)  
[87] 1999-12-09 (WO99/62523)  
[30] US (60/088,114) 1998-06-05  
[30] US (09/325,140) 1999-06-03

[21] **2,334,190**  
[13] A1

[51] **Int.Cl. 6C01B 33/08 6C01G 43/01**

[25] EN  
[54] **METHOD FOR PRODUCING SILICON TETRAFLUORIDE FROM URANIUM TETRAFLUORIDE**  
[54] **PROCEDE SERVANT A PREPARER TETRAFLUORURE DE SILICIUM A PARTIR DE TETRAFLUORURE D'URANIUM**  
[72] NACHIRAB, WILLIAM T., US  
[72] BULKO, JOHN B., US  
[71] STARMET CORPORATION, US  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/US99/12219)  
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[30] US (09/092,829) 1998-06-05

## Demandes PCT entrant en phase nationale

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| <p style="text-align: center;">[21] <b>2,334,194</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B01J 27/26 6B01J 31/02 6C08G 65/10</b><br/>[25] EN<br/>[54] <b>SILYLATED DOUBLE METAL CYANIDE COMPLEX CATALYSTS</b><br/>[54] <b>CATALYSEURS DE COMPLEXES DE CYANURE METALLIQUE DOUBLE SOUMIS A UNE SILYLATION</b><br/>[72] FARAJ, MAHMOUD K., US<br/>[71] BAYER ANTWERPEN N.V., BE<br/>[85] 2000-12-01<br/>[86] 1999-06-07 (PCT/EP99/03904)<br/>[87] 1999-12-16 (WO99/64152)<br/>[30] US (09/093,553) 1998-06-08</p> | <p style="text-align: center;">[21] <b>2,334,197</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C21B 3/08</b><br/>[25] EN<br/>[54] <b>METHOD FOR WET GRANULATION OF LIQUID-SLAG</b><br/>[54] <b>PROCEDE DE GRANULATION PAR VOIE HUMIDE DE LAITIER LIQUIDE</b><br/>[72] ROTH, JEAN-LUC, FR<br/>[72] RADOUX, HENRI, LU<br/>[72] ULVELING, LEON, LU<br/>[71] PAUL WURTH S.A., LU<br/>[85] 2000-12-04<br/>[86] 1999-06-15 (PCT/EP99/04111)<br/>[87] 2000-01-06 (WO00/00649)<br/>[30] LU (90255) 1998-06-26</p>   | <p style="text-align: center;">[21] <b>2,334,200</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/505 6C07D 487/04</b><br/>[25] EN<br/>[54] <b>PYRROLO-2,3D PYRIMIDINE COMPOSITIONS AND THEIR USE</b><br/>[54] <b>COMPOSITIONS DE PYRROLO-2,3D PYRIMIDINE ET UTILISATION</b><br/>[72] MCKIBBEN, BRYAN, US<br/>[72] WITTER, DAVID J., US<br/>[72] CASTELHANO, ARLINDO L., US<br/>[71] CADUS PHARMACEUTICAL CORPORATION, US<br/>[85] 2000-12-01<br/>[86] 1999-06-01 (PCT/US99/12135)<br/>[87] 1999-12-09 (WO99/62518)<br/>[30] US (60/087,702) 1998-06-02<br/>[30] US (60/123,216) 1999-03-08<br/>[30] US (60/126,527) 1999-03-26</p> |
| <p style="text-align: center;">[21] <b>2,334,195</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b><br/>[25] EN<br/>[54] <b>SYSTEM FOR ELIMINATION OF AUDIBLE EFFECTS OF HANDOVER</b><br/>[54] <b>SYSTEME D'ELIMINATION D'EFFETS AUDIBLES D'UN TRANSFERT</b><br/>[72] CERWALL, PATRIK, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-12-04<br/>[86] 1999-06-01 (PCT/SE99/00947)<br/>[87] 1999-12-16 (WO99/65266)<br/>[30] US (09/093,363) 1998-06-08</p>                                   | <p style="text-align: center;">[21] <b>2,334,198</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61N 5/00</b><br/>[25] EN<br/>[54] <b>IRRADIATION CATHETER WITH EXPANDABLE SOURCE</b><br/>[54] <b>CATHETER D'IRRADIATION A SOURCE EXTENSIBLE</b><br/>[72] TEIRSTEIN, PAUL S., US<br/>[71] TEIRSTEIN, PAUL S., US<br/>[85] 2000-12-01<br/>[86] 1999-06-02 (PCT/US99/12245)<br/>[87] 1999-12-09 (WO99/62598)<br/>[30] US (09/088,840) 1998-06-02</p>   | <p style="text-align: center;">[21] <b>2,334,201</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E06B 3/48</b><br/>[25] EN<br/>[54] <b>SECTIONAL DOOR WITH PINCH RESISTANT HINGE BETWEEN DOOR SECTIONS</b><br/>[54] <b>PORTE A PLUSIEURS SECTIONS SEPREES PAR DES CHARNIERES EVITANT LES PINCEMENTS</b><br/>[72] MEGARITY, W. MARK, US<br/>[72] KRUPKE, LEROY G., US<br/>[72] BOUCHER, D. SCOTT, US<br/>[71] OVERHEAD DOOR CORPORATION, US<br/>[85] 2000-12-01<br/>[86] 1999-06-10 (PCT/US99/13167)<br/>[87] 1999-12-16 (WO99/64710)<br/>[30] US (09/096,842) 1998-06-12</p>   |



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| <p style="text-align: right;">[21] <b>2,334,202</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G11B 7/085</b><br/>[25] EN<br/>[54] <b>OPTICAL SWITCH FOR DISK DRIVE</b><br/>[54] <b>COMMUTATION OPTIQUE POUR MECANISME D'ENTRAINEMENT DE DISQUES</b><br/>[72] LAOR, HERZEL, US<br/>[71] LAOR, HERZEL, US<br/>[85] 2000-12-01<br/>[86] 1999-06-04 (PCT/US99/12474)<br/>[87] 1999-12-09 (WO99/63531)<br/>[30] US (60/088,240) 1998-06-05</p>   | <p style="text-align: right;">[21] <b>2,334,205</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7E06B 3/66</b><br/>[25] EN<br/>[54] <b>INSULATING WINDOW AND PROFILE MATERIAL THEREFOR</b><br/>[54] <b>PANNEAU ISOLANT ET MATERIAU PROFILE POUR CELUI-CI</b><br/>[72] FOSTERVOLD, OYSTEIN, NO<br/>[71] FOSTERVOLD, OYSTEIN, NO<br/>[85] 2000-12-04<br/>[86] 1999-06-07 (PCT/NO99/00188)<br/>[87] 1999-12-23 (WO99/66162)<br/>[30] NO (19982615) 1998-06-08</p>  | <p style="text-align: right;">[21] <b>2,334,208</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B66B 5/02</b><br/>[25] EN<br/>[54] <b>A SAFETY DEVICE FOR MOVING THE LIFT CABIN IN CASE OF FAULT OF THE MAIN LIFTING SYSTEM</b><br/>[54] <b>DISPOSITIF DE SECURITE PERMETTANT DE DEPLACER UNE CABINE D'ASCENSEUR EN CAS DE DEFAILLANCE DU SYSTEME PRINCIPAL D'ASCENSEUR</b><br/>[72] FERRARI, CARLO, IT<br/>[71] OFFICINE FERRARI SNC DI CARLO E MARIO FERRARI &amp; C., IT<br/>[85] 2000-12-04<br/>[86] 1999-06-09 (PCT/EP99/04037)<br/>[87] 1999-12-23 (WO99/65813)<br/>[30] IT (TO98A000514) 1998-06-12</p> |
| <p style="text-align: right;">[21] <b>2,334,203</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/24 6H04N 7/173</b><br/>[25] EN<br/>[54] <b>TELEVISION DELIVERY SYSTEM</b><br/>[54] <b>SYSTEME DE DISTRIBUTION DE PROGRAMMES TELEVISES</b><br/>[72] HIGGINS, SEAN, CA<br/>[72] FURLONG, JEFF L., CA<br/>[72] SWANSBURG, DARREN B., CA<br/>[72] JONES, IAN K., CA<br/>[72] CAMERON, ALLAN B., CA<br/>[72] POMEROY, TRENTON A., CA<br/>[72] ALSTON, DAVID, CA<br/>[71] IMAGICTV INC., CA<br/>[85] 2000-12-01<br/>[86] 1999-06-03 (PCT/CA99/00505)<br/>[87] 1999-12-09 (WO99/63759)<br/>[30] US (60/088,135) 1998-06-04<br/>[30] GB (9812218.7) 1998-06-05</p> | <p style="text-align: right;">[21] <b>2,334,206</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B60N 2/48</b><br/>[25] EN<br/>[54] <b>TRANSPARENT HEAD RESTRAINT ASSEMBLY</b><br/>[54] <b>ENSEMBLE D'APPUI-TETE TRANSPARENT</b><br/>[72] NEALE, COLIN G., US<br/>[71] MAGNA INTERIOR SYSTEMS INC., CA<br/>[85] 2000-12-04<br/>[86] 1999-06-04 (PCT/CA99/00555)<br/>[87] 1999-12-09 (WO99/62739)<br/>[30] US (60/088,323) 1998-06-04</p>  | <p style="text-align: right;">[21] <b>2,334,209</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01L 1/20 6G01L 5/00 6G01M 19/00 6B60N 2/00 6A47C 31/12 6G01L 5/22 6B60N 2/44</b><br/>[25] EN<br/>[54] <b>METHOD OF PRESSURE MAPPING FOR PREDICTION OF COMFORT IN AN AUTOMOTIVE SEAT</b><br/>[54] <b>PROCEDE DE MAPPAGE DE PRESSION POUR PREDIRE LE CONFORT D'UN SIEGE AUTOMOBILE</b><br/>[72] MILOSIC, MARI C., US<br/>[71] MAGNA INTERIOR SYSTEMS INC., CA<br/>[85] 2000-12-04<br/>[86] 1999-06-03 (PCT/CA99/00509)<br/>[87] 1999-12-09 (WO99/63314)<br/>[30] US (60/087,796) 1998-06-03</p>                 |
| <p style="text-align: right;">[21] <b>2,334,204</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/48 6A61K 31/415 6A61K 31/425 6A61K 31/44 6A61K 31/495 6A61K 31/535 6A61K 31/54</b><br/>[25] EN<br/>[54] <b>HETEROCYCLIC ESTER AND AMIDE HAIR GROWTH COMPOSITIONS AND USES</b><br/>[54] <b>COMPOSITIONS POUR LA CROISSANCE DES CHEVEUX A BASE D'AMIDES ET D'ESTERS HETEROCYCLIQUES ET UTILISATION DE CES COMPOSITIONS</b><br/>[72] STEINER, JOSEPH P., US<br/>[72] HAMILTON, GREGORY S., US<br/>[71] GPI NIL HOLDINGS, INC., US<br/>[85] 2000-12-01<br/>[86] 1998-06-03 (PCT/US98/11250)<br/>[87] 1999-12-09 (WO99/62487)</p>                               | <p style="text-align: right;">[21] <b>2,334,207</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D21F 1/08</b><br/>[25] EN<br/>[54] <b>EQUIPMENT AND METHOD IN A PAPER OR BOARD MACHINE FOR MIXING OF FRESH STOCK AND OF WATER FOR DILUTION OF FRESH STOCK</b><br/>[54] <b>PROCEDE ET EQUIPEMENT D'UNE MACHINE DE FABRICATION DU PAPIER OU DU CARTON POUR MELANGER LA PATE DE PAPIER FRAICHE ET DE L'EAU UTILISEE POUR DILUER LA PATE</b><br/>[72] SOINI, SAKARI, FI<br/>[72] RAHKOMAA, JOUNI, FI<br/>[71] VALMET CORPORATION, FI<br/>[85] 2000-12-04<br/>[86] 1999-05-27 (PCT/FI99/00458)<br/>[87] 1999-12-16 (WO99/64666)<br/>[30] FI (981286) 1998-06-05</p> | <p style="text-align: right;">[21] <b>2,334,210</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b><br/>[25] EN<br/>[54] <b>MOBILE COMMUNICATION NETWORK AND METHOD OF OPERATION THEREOF</b><br/>[54] <b>RESEAU DE TELECOMMUNICATION MOBILE ET SON PROCEDE DE FONCTIONNEMENT</b><br/>[72] QUIRKE, THOMAS, GB<br/>[72] THOMAS, HOWARD, GB<br/>[72] O'NEILL, RORIE, GB<br/>[71] MOTOROLA LIMITED, GB<br/>[85] 2000-12-04<br/>[86] 1999-05-26 (PCT/EP99/03732)<br/>[87] 1999-12-16 (WO99/65264)<br/>[30] GB (9812409.2) 1998-06-10</p>  |

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[21] **2,334,211**  
[13] A1  
[51] **Int.Cl. 7A24F 27/12 7C06F 1/16**  
[25] EN  
[54] **METHOD FOR PRODUCING CARDBOARD MATCHES AND CORRESPONDING CARDBOARD MATCHES, ESPECIALLY FOR BOOKS OF MATCHES**  
[54] **PROCEDE DE PRODUCTION D'ALLUMETTES EN CARTON ET ALLUMETTES EN CARTON CORRESPONDANTES, NOTAMMENT POUR POCHETTES D'ALLUMETTES**  
[72] SCHNEIDER, MAXIMILIAN, DE  
[71] SCHNEIDER, MAXIMILIAN, DE  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/EP99/03870)  
[87] 1999-12-16 (WO99/64322)  
[30] DE (198 25 352.4) 1998-06-05

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[21] **2,334,212**  
[13] A1  
[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **COMPUTER IMPLEMENTED SCHEDULING SYSTEM AND PROCESS USING ABSTRACT LOCAL SEARCH TECHNIQUE**  
[54] **SYSTEME ET PROCEDE D'ORDONNANCEMENT INFORMATIQUES FAISANT INTERVENIR UNE TECHNIQUE ABSTRAITE DE RECHERCHE LOCALE**  
[72] CRAWFORD, JAMES M., JR., US  
[72] DALAL, MUKESH, US  
[72] WALSER, JOACHIM PAUL, DE  
[71] I2 TECHNOLOGIES, INC., US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12504)  
[87] 1999-12-09 (WO99/63471)  
[30] US (60/088,147) 1998-06-05

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[21] **2,334,213**  
[13] A1  
[51] **Int.Cl. 6H04M 11/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR COMMUNICATING VOICE AND DATA OVER A LOCAL PACKET NETWORK**  
[54] **SYSTEME ET PROCEDE DE COMMUNICATION VOCALE ET DE DONNEES SUR UN RESEAU LOCAL A COMMUTATION PAR PAQUETS**  
[72] BOUCHER, JOE, US  
[72] FRANKEL, DAVID P., US  
[72] KOLDERUP, KENNETH M., US  
[71] JETSTREAM COMMUNICATIONS, INC., US  
[85] 2000-12-04  
[86] 1999-05-19 (PCT/US99/11077)  
[87] 1999-12-16 (WO99/65179)  
[30] US (60/088,399) 1998-06-08  
[30] US (09/112,911) 1998-07-09

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[21] **2,334,214**  
[13] A1  
[51] **Int.Cl. 6F16K 3/20 6F16K 3/316**  
[25] EN  
[54] **SHUT-OFF VALVE**  
[54] **VANNE D'ARRET**  
[72] ZOSEL, DIETER, DE  
[71] FRIATEC AKTIENGESELLSCHAFT, DE  
[85] 2000-12-04  
[86] 1999-06-02 (PCT/EP99/03831)  
[87] 1999-12-09 (WO99/63251)  
[30] DE (198 24 578.5) 1998-06-02

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[21] **2,334,215**  
[13] A1  
[51] **Int.Cl. 6C12N 5/10 6C12Q 1/02 6C12N 1/15 6C12N 15/63 6C12N 15/80**  
[25] EN  
[54] **TRANSFORMED CELL LINES WHICH EXPRESS HETEROLOGOUS G-PROTEIN-COUPLED RECEPTORS**  
[54] **LIGNEES CELLULAIRES TRANSFORMEES, EXPRIMANT DES RECEPTEURS HETEROLOGUES LIES A LA PROTEINE G**  
[72] DURRENBERGER, FRANZ, CH  
[72] KESSMANN, HELMUT, DE  
[71] DISCOVERY TECHNOLOGIES LTD., CH  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/CH99/00246)  
[87] 1999-12-16 (WO99/64567)  
[30] CH (1226/98) 1998-06-05

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[21] **2,334,216**  
[13] A1  
[51] **Int.Cl. 6F16B 19/10 6B21K 1/60**  
[25] EN  
[54] **METHOD OF FORMING A TUBULAR MEMBER**  
[54] **PROCEDE SERVANT A FABRIQUER UN ELEMENT TUBULAIRE**  
[72] DENHAM, KEITH, GB  
[71] TEXTRON FASTENING SYSTEMS LIMITED, GB  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/GB99/01776)  
[87] 1999-12-16 (WO99/64751)  
[30] GB (9812093.4) 1998-06-05

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[21] **2,334,217**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **DETECTION OF DNA, RNA AND PROTEINS**  
[54] **DETECTION D'ADN, D'ARN ET DE PROTEINES**  
[72] CHEN, HAI XING, CA  
[71] ACGT MEDICO, INC., CA  
[85] 2000-12-04  
[86] 1999-06-05 (PCT/IB99/01037)  
[87] 1999-12-16 (WO99/64628)  
[30] US (09/093,532) 1998-06-08

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[21] **2,334,218**  
[13] A1  
[51] **Int.Cl. 6G01F 1/05 6B63H 1/26**  
[25] EN  
[54] **TURBINE METER WITH A ROTOR HAVING ACCURACY ENHANCING ROTOR BLADES**  
[54] **DEBITMETRE A TURBINE EQUIPE D'UN ROTOR MUNI D'AUBES AYANT UNE PRECISION AMELIOREE**  
[72] SCHIEBER, WILLIAM M., US  
[71] AMERICAN METER COMPANY, US  
[85] 2000-12-04  
[86] 1999-06-17 (PCT/US99/13792)  
[87] 1999-12-23 (WO99/66294)  
[30] US (60/089,818) 1998-06-19

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[21] **2,334,219**  
[13] A1  
[51] **Int.Cl. 6H04L 12/64 6H04L 12/44**  
[25] EN  
[54] **INTEGRATED VOICE AND DATA COMMUNICATIONS OVER A LOCAL AREA NETWORK**  
[54] **COMMUNICATIONS VOCALES ET DE DONNEES INTEGREES DANS UN RESEAU LOCAL**  
[72] KEENAN, RONALD M., US  
[72] BARRAZA, THOMAS F., US  
[72] SETARO, JOSEPH, US  
[72] EVANS, PATRICK A., US  
[72] DEPTULA, JOSEPH A., US  
[72] CACERES, EDWARD R., US  
[71] MERLOT COMMUNICATIONS, INC., US  
[85] 2000-12-04  
[86] 1999-06-09 (PCT/US99/12898)  
[87] 1999-12-16 (WO99/65196)  
[30] US (60/088,747) 1998-06-10

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[21] **2,334,221**  
[13] A1  
[51] **Int.Cl. 6C07F 7/08 6A01N 55/00 6A01N 43/10 6C07D 333/38**  
[25] EN  
[54] **SUBSTITUTED FIVE-MEMBERED HETEROCYCLIC COMPOUNDS, FUNGICIDAL COMPOSITIONS CONTAINING THEM AND METHODS OF MAKING THEREOF**  
[54] **COMPOSES HETEROCYCLIQUES SUBSTITUES A CINQ ELEMENTS, COMPOSITIONS FONGICIDES ET LEURS PROCEDES DE FABRICATION**  
[72] MA, CHUN, US  
[72] MAO, MICHAEL K., US  
[72] PHILLIPS, WENDELL G., US  
[72] FEVIG, THOMAS, US  
[71] MONSANTO COMPANY, US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12502)  
[87] 1999-12-09 (WO99/62915)  
[30] US (60/088,398) 1998-06-05

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[21] **2,334,223**  
[13] A1  
[51] **Int.Cl. 6A61F 2/06 6A61F 2/01**  
[25] EN  
[54] **ENDOVASCULAR THIN FILM DEVICES AND METHODS FOR TREATING AND PREVENTING STROKE**  
[54] **DISPOSITIFS ENDOVASCULAIRES A COUCHE MINCE ET PROCEDES PERMETTANT DE TRAITER ET DE PREVENIR UN ACCIDENT CEREBROVASCULAIRE**  
[72] NELSON, PETER KIM, US  
[72] BOSE, ARANI, US  
[71] NEW YORK UNIVERSITY, US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12444)  
[87] 1999-12-09 (WO99/62432)  
[30] US (60/087,968) 1998-06-04  
[30] US (60/103,575) 1998-10-09

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[21] **2,334,220**  
[13] A1  
[51] **Int.Cl. 6C07D 237/22 6C07D 237/20**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF A 3(2H)-PYRIDAZINONE- 4-SUBSTITUTED AMINO- 5-CHLORO- DERIVATIVE**  
[54] **PROCEDE DE PREPARATION D'UN DERIVE AMINO-5-CHLORO 3(2H)-PYRIDAZINONE-4-SUBSTITUE**  
[72] BALAZS, LASZLO, HU  
[72] KOTAY NAGY, PETER, HU  
[72] SZTRUHAR, ILONA, HU  
[72] SERES, PETER, HU  
[72] GREFF, ZOLTAN, HU  
[72] RATKAI, ZOLTAN, HU  
[72] DOMAN, IMRE, HU  
[72] KARANCSI, TAMAS, HU  
[72] BARKOCZY, JOZSEF, HU  
[72] SIMIG, GYULA, HU  
[71] EGIS GYOGYSZERGYAR RT., HU  
[85] 2000-12-04  
[86] 1998-06-05 (PCT/HU98/00054)  
[87] 1999-12-16 (WO99/64402)

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[21] **2,334,222**  
[13] A1  
[51] **Int.Cl. 6A61K 47/00**  
[25] EN  
[54] **INSULIN SUPPLEMENTED INFANT FORMULA**  
[54] **PREPARATION POUR NOURRISSONS ENRICHIE EN INSULINE**  
[72] SHAHADEH, NAIM, IL  
[71] TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD., IL  
[85] 2000-12-04  
[86] 1999-06-03 (PCT/US99/12594)  
[87] 1999-12-09 (WO99/62558)  
[30] US (09/090,909) 1998-06-05

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[21] **2,334,224**  
[13] A1  
[51] **Int.Cl. 6C11D 7/04 6C11D 17/00 6C11D 7/08 6C11D 7/12 6A61L 2/16**  
[25] EN  
[54] **USE OF CARBON DIOXIDE AND CARBONIC ACID TO CLEAN CONTACT LENSES**  
[54] **UTILISATION DE DIOXYDE DE CARBONE ET D'ACIDE CARBONIQUE POUR LE NETTOYAGE DES LENTILLES DE CONTACT**  
[72] KULSHRESHTHA, ALOK K., US  
[72] BHATIA, RAJKUMAR, US  
[72] OWEN, GEOFFREY R., US  
[72] ALI, YUSUF, US  
[71] ALCON LABORATORIES, INC., US  
[85] 2000-12-04  
[86] 1999-04-22 (PCT/US99/08834)  
[87] 1999-12-23 (WO99/66020)  
[30] US (09/099,669) 1998-06-18

## Demandes PCT entrant en phase nationale

[21] **2,334,225**  
[13] A1

[51] **Int.Cl. 6G01B 11/24**  
[25] EN  
[54] **METHOD AND DEVICE FOR OPTOELECTRIC ACQUISITION OF SHAPES BY AXIAL ILLUMINATION**  
[54] **PROCEDE ET DISPOSITIF D'ACQUISITION OPTO-ELECTRIQUE DE FORMES PAR ILLUMINATION AXIALE**  
[72] GUERN, YVES, FR  
[71] DENTALMATIC TECHNOLOGIES INC., CA  
[85] 2000-12-04  
[86] 1999-06-02 (PCT/FR99/01299)  
[87] 1999-12-16 (WO99/64816)  
[30] FR (98/07076) 1998-06-05

[21] **2,334,226**  
[13] A1

[51] **Int.Cl. 6A61B 17/00 6A61B 17/068**  
[25] EN  
[54] **TISSUE OPENING LOCATOR AND EVERTER AND METHOD**  
[54] **DISPOSITIF DE LOCALISATION ET D'ECARTEMENT POUR OUVERTURE DE TISSU ET METHODE D'UTILISATION**  
[72] ZHU, YONG HUA, US  
[72] KIRSCH, WOLFF M., US  
[71] LOMA LINDA UNIVERSITY MEDICAL CENTER, US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12507)  
[87] 1999-12-09 (WO99/62405)  
[30] US (09/092,282) 1998-06-05

[21] **2,334,227**  
[13] A1

[51] **Int.Cl. 6G06K 9/00 6A61B 5/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR THE COMPUTERIZED ASSESSMENT OF BREAST CANCER RISK**  
[54] **PROCEDE ET SYSTEME D'EVALUATION INFORMATIQUE D'UN RISQUE DE CANCER DU SEIN**  
[72] HUO, ZHIMIN, US  
[72] GIGER, MARYELLEN L., US  
[71] ARCH DEVELOPMENT CORPORATION, US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/11794)  
[87] 1999-12-09 (WO99/63480)  
[30] US (09/092,004) 1998-06-05

[21] **2,334,228**  
[13] A1

[51] **Int.Cl. 7A61L 27/24 7A61F 2/06**  
[25] EN  
[54] **BIOENGINEERED VASCULAR GRAFT SUPPORT PROSTHESES**  
[54] **PROTHESES VASCULAIRES GREFFEES OBTENUES PAR GENIE BIOMEDICAL**  
[72] DAVIES, MARK, US  
[72] HAGEN, PER OTTO, US  
[72] ABRAHAM, GINGER A., US  
[72] CARR, ROBERT M., JR., US  
[72] HUYNH, TAM, US  
[71] DUKE UNIVERSITY SCHOOL OF MEDICINE, US  
[71] ORGANOGENESIS INC., US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12500)  
[87] 1999-12-09 (WO99/62427)  
[30] US (60/088,198) 1998-06-05

[21] **2,334,229**  
[13] A1

[51] **Int.Cl. 7B65D 77/06**  
[25] EN  
[54] **BAG STORING LIQUID AND CONTAINER STORING THE BAG**  
[54] **SAC CONTENANT UN LIQUIDE ET CONTENEUR CONTENANT LE SAC**  
[72] MAKINO, HIDEYA, JP  
[72] IWASHITA, YUTAKA, JP  
[71] KABUSHIKI KAISHA MAKINO SOGO KENKYUJO, JP  
[85] 2000-12-04  
[86] 2000-04-12 (PCT/JP00/02369)  
[87] 2000-10-19 (WO00/61452)  
[30] JP (11/103887) 1999-04-12  
[30] JP (11/209359) 1999-07-23  
[30] JP (11/209371) 1999-07-23  
[30] JP (11/298731) 1999-10-20  
[30] JP (11/298732) 1999-10-20

[21] **2,334,230**  
[13] A1

[51] **Int.Cl. 6B60B 37/00**  
[25] EN  
[54] **BLOW MOLDED WHEEL WITH AXLE RETAINER**  
[54] **ROUE MOULEE PAR SOUFFLAGE POUR VUE D'UN DISPOSITIF DE RETENUE DE L'ESSIEU**  
[72] MARKLING, FLOYD F., US  
[71] MARKLING, FLOYD F., US  
[85] 2000-12-04  
[86] 1999-06-03 (PCT/US99/12424)  
[87] 1999-12-09 (WO99/62728)  
[30] US (09/090,618) 1998-06-04

[21] **2,334,231**  
[13] A1

[51] **Int.Cl. 7A47G 9/02**  
[25] EN  
[54] **DETECTION OF A CONDITION BETWEEN AN INFLATABLE THERMAL DEVICE AND AN AIR HOSE IN A CONVECTIVE WARMING SYSTEM**  
[54] **DETECTION D'UN ETAT ENTRE UN DISPOSITIF THERMIQUE GONFLABLE ET UN TUYAU D'AIR D'UN SYSTEME DE CHAUFFAGE PAR CONVECTION**  
[72] ZIAIMEHR, ALLEN HAMID, US  
[72] VAN DUREN, ALBERT PHILIP, US  
[72] ROCK, JOHN PAUL, US  
[72] AUGUSTINE, SCOTT D., US  
[72] MAHARAJ, GARY RABINDRANATH, US  
[71] AUGUSTINE MEDICAL, INC., US  
[85] 2000-12-04  
[86] 1999-04-06 (PCT/US99/07567)  
[87] 2000-03-02 (WO00/10435)  
[30] US (09/138,774) 1998-08-24

[21] **2,334,232**  
[13] A1

[51] **Int.Cl. 6E02F 5/00**  
[25] EN  
[54] **DUAL MODE STABILIZER FOR LOADERS AND ATTACHMENTS**  
[54] **STABILISATEUR FONCTIONNANT EN DEUX MODES POUR CHARGEUSE-PELLETEUSE ET SES ACCESSOIRES**  
[72] WEBB, STERLING E., US  
[71] WEBB, STERLING E., US  
[85] 2000-12-04  
[86] 1999-06-10 (PCT/US99/13115)  
[87] 1999-12-16 (WO99/64685)  
[30] US (09/096,549) 1998-06-12

[21] **2,334,233**  
[13] A1

[51] **Int.Cl. 7G06F 9/44**  
[25] EN  
[54] **GRAPHICAL USER INTERFACE ENGINE FOR EMBEDDED SYSTEMS**  
[54] **MOTEUR A INTERFACE UTILISATEUR GRAPHIQUE POUR SYSTEMES INTEGRES**  
[72] KLASK, KENNETH J., US  
[71] AMULET TECHNOLOGIES, INC., US  
[85] 2000-12-04  
[86] 2000-03-03 (PCT/US00/05571)  
[87] 2000-09-08 (WO00/52564)  
[30] US (09/263,148) 1999-03-05

## PCT Applications Entering the National Phase

[21] **2,334,234**  
[13] A1

[51] **Int.Cl. 7F21V 5/02 7F21V 8/00 7F21V 13/04**  
[25] EN  
[54] **LIGHTING DEVICE**  
[54] **DISPOSITIF D'ECLAIRAGE**  
[72] HITZSCHKE, LOTHAR, DE  
[72] VOLLKOMMER, FRANK, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[85] 2000-12-04  
[86] 2000-05-13 (PCT/DE00/01523)  
[87] 2000-11-30 (WO00/71928)  
[30] DE (199 23 264.4) 1999-05-20

[21] **2,334,235**  
[13] A1

[51] **Int.Cl. 6A61B 17/04**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PLACING SUTURES, E.G. AT A TENDON LACERATION**  
[54] **APPAREIL ET PROCEDE POUR POSER DES SUTURES, PAR EXEMPLE SUR LA LACERATION D'UN TENDON**  
[72] ADAMS, BRIAN D., US  
[71] AMEI TECHNOLOGIES INC., US  
[85] 2000-12-04  
[86] 1999-05-27 (PCT/US99/11821)  
[87] 1999-12-09 (WO99/62407)  
[30] US (60/088,153) 1998-06-05  
[30] US (09/268,198) 1999-04-05

[21] **2,334,236**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 9/46**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CREATING AN OBJECT WORKSPACE**  
[54] **SYSTEME ET PROCEDE POUR CREER UN ESPACE DE TRAVAIL D'OBJETS**  
[72] NOTANI, RANJIT N., US  
[72] PARASNIS, ABHAY V., US  
[72] WHIPPLE, MARK B., US  
[71] I2 TECHNOLOGIES, INC., US  
[85] 2000-12-04  
[86] 1999-06-03 (PCT/US99/12346)  
[87] 1999-12-09 (WO99/63465)  
[30] US (09/092,348) 1998-06-05  
[30] US (09/156,722) 1998-09-18

[21] **2,334,237**  
[13] A1

[51] **Int.Cl. 6C22B 34/12 6C22B 4/00 6C22B 5/00 6C25F 1/16 6C23C 8/40**  
[25] EN  
[54] **REMOVAL OF OXYGEN FROM METAL OXIDES AND SOLID SOLUTIONS BY ELECTROLYSIS IN A FUSED SALT**  
[54] **ELIMINATION D'OXYGENE D'OXYDES METALLIQUES ET DE SOLUTIONS SOLIDES PAR ELECTROLYSE DANS UN SEL FONDU**  
[72] CHEN, ZHENG, GB  
[72] FARTHING, THOMAS, WILLIAM, GB  
[72] FRAY, DEREK JOHN, GB  
[71] CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED, GB  
[85] 2000-12-04  
[86] 1999-06-07 (PCT/GB99/01781)  
[87] 1999-12-16 (WO99/64638)  
[30] GB (9812169.2) 1998-06-05

[21] **2,334,238**  
[13] A1

[51] **Int.Cl. 6G01N 21/75 6C09K 19/00 6G01N 37/00 6G02F 1/1337**  
[25] EN  
[54] **OPTICAL AMPLIFICATION OF MOLECULAR INTERACTIONS USING LIQUID CRYSTALS**  
[54] **AMPLIFICATION OPTIQUE D'INTERACTIONS MOLECULAIRES AU MOYEN DE CRISTAUX LIQUIDES**  
[72] SKAIFE, JUSTIN J., US  
[72] ABBOTT, NICHOLAS L., US  
[72] SHAH, RAHUL, US  
[72] GUPTA, VINAY K., US  
[72] DUBROVSKY, TIMOTHY B., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12540)  
[87] 1999-12-09 (WO99/63329)  
[30] US (09/092,453) 1998-06-05  
[30] US (09/127,382) 1998-07-31

[21] **2,334,239**  
[13] A1

[51] **Int.Cl. 6H04R 7/06 6H04R 9/06 6G06F 1/16**  
[25] EN  
[54] **RESONANT PANEL-FORM ACOUSTIC DEVICES**  
[54] **DISPOSITIFS ACOUSTIQUES EN FORME DE PANNEAU RESONNANT**  
[72] BANK, GRAHAM, GB  
[71] NEW TRANSDUCERS LIMITED, GB  
[85] 2000-12-04  
[86] 1999-06-03 (PCT/GB99/01748)  
[87] 1999-12-16 (WO99/65274)  
[30] GB (9812225.2) 1998-06-05

[21] **2,334,240**  
[13] A1

[51] **Int.Cl. 6H01M 10/40 6H01M 4/02 6H01M 2/14 6H01M 4/58**  
[25] EN  
[54] **GELLED POLYMER ELECTROLYTE LITHIUM SECONDARY CELL**  
[54] **BATTERIE AU LITHIUM A ELECTROLYTE DE GEL DE POLYMERE**  
[72] NAKAJIMA, HIROSHI, JP  
[72] UESUGI, MAKOTO, JP  
[72] NISHIO, KOJI, JP  
[72] NOHMA, TOSHIYUKI, JP  
[72] KAMINO, MARUO, JP  
[72] OHSHITA, RYUJI, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[85] 2000-12-04  
[86] 1999-06-18 (PCT/JP99/03283)  
[87] 2000-01-06 (WO00/01026)  
[30] JP (10/196801) 1998-06-26  
[30] JP (11/2640) 1999-01-08

[21] **2,334,241**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEM AND PROCESS FOR MULTI-ENTERPRISE COLLABORATION**  
[54] **SYSTEME ET PROCESSUS DESTINES A ASSURER LA COLLABORATION ENTRE PLUSIEURS ENTREPRISES**  
[72] WHIPPLE, MARK B., US  
[72] NOTANI, RANJIT N., US  
[72] PARASNIS, ABHAY V., US  
[71] I2 TECHNOLOGIES, INC., US  
[85] 2000-12-04  
[86] 1999-06-03 (PCT/US99/12350)  
[87] 1999-12-09 (WO99/63469)  
[30] US (09/092,348) 1998-06-05  
[30] US (09/154,661) 1998-09-18

## Demandes PCT entrant en phase nationale

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|--|---|---|
| <p style="text-align: center;">[21] <b>2,334,242</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65G 33/16 6B65G 33/26</b><br/>[25] EN<br/>[54] <b>IMPROVEMENTS IN AND RELATING TO GRAIN AUGERS AND THE LIKE</b><br/>[54] <b>AMELIORATIONS SE RAPPORTANT AUX VIS SANS FIN POUR GRAINS ET A DES DISPOSITIFS DE MEME TYPE</b><br/>[72] DUTSCHKE, REGINALD VERNON, AU<br/>[71] DUTSCHKE, REGINALD VERNON, AU<br/>[85] 2000-12-04<br/>[86] 1999-06-03 (PCT/AU99/00428)<br/>[87] 1999-12-09 (WO99/62797)<br/>[30] AU (PP 3899) 1998-06-04</p>  | <p style="text-align: center;">[21] <b>2,334,244</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 1/12 6H04Q 7/34</b><br/>[25] EN<br/>[54] <b>SYSTEM AND METHOD OF QUANTIFYING THE DEGREE OF BALANCE BETWEEN THE FORWARD LINK AND THE REVERSE LINK CHANNELS</b><br/>[54] <b>DISPOSITIF ET PROCEDE DE QUANTIFICATION DU DEGRE D'EQUILIBRE ENTRE DES CANAUX DE LIAISONS MONTANTES ET DESCENDANTES</b><br/>[72] SHAH, ALI R., US<br/>[71] ERICSSON INC., US<br/>[85] 2000-12-04<br/>[86] 1999-06-11 (PCT/US99/13028)<br/>[87] 1999-12-23 (WO99/66667)<br/>[30] US (09/100,278) 1998-06-19</p>  | <p style="text-align: center;">[21] <b>2,334,248</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C04B 38/02 6C04B 38/10</b><br/>[25] EN<br/>[54] <b>METHOD OF PRODUCING FOAM CONCRETE USING A PROTEIN FOAMER</b><br/>[54] <b>PROCEDE DE PRODUCTION DE BETON CELLULAIRE AU MOYEN D'UN AGENT MOUSSANT PROTEINIQUE</b><br/>[72] VINAROV, ALEXANDR JURYIEVICH, RU<br/>[72] SOKOLOVA, ELENA ANDREEVNA, RU<br/>[72] PANTELEEV, VIKTOR IVANOVICH, RU<br/>[72] SOKOLOV, DMITRY PAVLOVICH, RU<br/>[72] VINAROV, DMITRY ALEXANDROVICH, RU<br/>[71] VINAROV, ALEXANDR JURYIEVICH, RU<br/>[85] 2000-12-04<br/>[86] 1998-07-31 (PCT/RU98/00249)<br/>[87] 1999-12-09 (WO99/62842)<br/>[30] RU (98109910) 1998-05-29</p> |
| <p style="text-align: center;">[21] <b>2,334,243</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 3/26</b><br/>[25] EN<br/>[54] <b>SYSTEM AND METHOD FOR FULLY SELF-CONTAINED CALIBRATION OF AN ANTENNA ARRAY</b><br/>[54] <b>SYSTEME ET PROCEDE POUR L'ETALONNAGE ENTIEREMENT AUTONOME D'UNE BATTERIE D'ANTENNES</b><br/>[72] BUTLER, RAY K., US<br/>[72] MELVILLE, MICHAEL G., US<br/>[72] ELSON, J. TODD, US<br/>[72] MCCLIVE, CURTIS F., US<br/>[71] METAWAVE COMMUNICATIONS CORPORATION, US<br/>[85] 2000-12-04<br/>[86] 1999-06-04 (PCT/US99/12505)<br/>[87] 1999-12-09 (WO99/63619)<br/>[30] US (09/092,429) 1998-06-05</p> | <p style="text-align: center;">[21] <b>2,334,247</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04J 1/16 6G08C 15/00 6G06F 11/00 6H04L 1/00 6G01R 31/08 6H04J 3/14 6H04L 12/26</b><br/>[25] EN<br/>[54] <b>METHOD AND SYSTEM FOR MONITORING BROADBAND QUALITY OF SERVICES</b><br/>[54] <b>PROCEDE ET SYSTEME DE SURVEILLANCE DE LA QUALITE DE LA BANDE LARGE DE SERVICES</b><br/>[72] CHEN, THOMAS M., US<br/>[72] PROCANIK, MICHAEL J., US<br/>[72] LIU, STEPHEN S., US<br/>[71] VERIZON LABORATORIES INC., US<br/>[85] 2000-12-04<br/>[86] 1999-06-03 (PCT/US99/12416)<br/>[87] 1999-12-09 (WO99/63689)<br/>[30] US (09/092,605) 1998-06-05</p> | <p style="text-align: center;">[21] <b>2,334,249</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 493/08 6A61K 7/00 6A23L 2/00 6A23L 1/30 6C07D 309/32 6A61K 31/35</b><br/>[25] EN<br/>[54] <b>THERAPEUTIC AGENTS</b><br/>[54] <b>AGENTS THERAPEUTIQUES</b><br/>[72] KOYAMA, NOBUTO, JP<br/>[72] IKAI, KATSUSHIGE, JP<br/>[72] TOMONO, JUN, JP<br/>[72] ENOKI, TATSUJI, JP<br/>[72] SAGAWA, HIROAKI, JP<br/>[72] KATO, IKUNOSHIN, JP<br/>[71] TAKARA SHUZO CO., LTD., JP<br/>[85] 2000-12-04<br/>[86] 1999-06-08 (PCT/JP99/03058)<br/>[87] 1999-12-16 (WO99/64424)<br/>[30] JP (10/175295) 1998-06-09<br/>[30] JP (10/223723) 1998-07-24<br/>[30] JP (10/11639) 1999-01-20</p>                        |

## PCT Applications Entering the National Phase

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[21] **2,334,250**  
[13] A1  
[51] **Int.Cl. 7A47F 10/04**  
[25] EN  
[54] **SYSTEM CONSISTING OF AT LEAST TWO TRANSPORT CARTS AND A COLLECTING STATION**  
[54] **INSTALLATION CONSTITUEE D'AU MOINS DEUX CHARIOTS DE TRANSPORT ET D'UN POSTE DE GROUPE**  
[72] EBERLEIN, HERBERT, DE  
[72] ECKERT, RAINER, DE  
[72] HAMMERLE, JURGEN, DE  
[71] WANZL METALLWARENFABRIK GMBH, DE  
[85] 2000-12-04  
[86] 2000-03-30 (PCT/DE00/00994)  
[87] 2000-10-12 (WO00/59348)  
[30] DE (199 15 316.7) 1999-04-03

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[21] **2,334,251**  
[13] A1  
[51] **Int.Cl. 7G02F 1/39 7H04B 10/00 7H04L 9/08 7H04L 9/38**  
[25] EN  
[54] **GENERATOR FOR PRODUCING PHOTON NUMBER STATE**  
[54] **GENERATEUR UTILISE POUR PRODUIRE UN ETAT DU NOMBRE DE PHOTONS**  
[72] TAKEUCHI, SHIGEKI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2000-12-04  
[86] 1999-11-10 (PCT/JP99/06244)  
[87] 2000-10-19 (WO00/62122)  
[30] JP (11/104600) 1999-04-12

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[21] **2,334,253**  
[13] A1  
[51] **Int.Cl. 6G06F 1/16**  
[25] EN  
[54] **DESKTOP PORTABLE COMPUTER VERTICAL DOCK SYSTEM**  
[54] **MONTAGE BUREAU POUR ORDINATEUR PORTABLE**  
[72] THOMPSON, ERIC, US  
[71] THOMPSON, ERIC, US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12536)  
[87] 1999-12-09 (WO99/63422)  
[30] US (60/088,477) 1998-06-04

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[21] **2,334,254**  
[13] A1  
[51] **Int.Cl. 6C07D 295/12 6C07D 209/08 6C07D 319/18 6A61K 31/495**  
[25] EN  
[54] **CYCLOALKYL-SUBSTITUTED ARYL-PIPERAZINES, PIPERIDINES AND TETRAHYDROPYRIDINES AS SEROTONERGIC AGENTS**  
[54] **TETRAHYDROPYRIDINES, PIPERIDINES ET ARYL-PIPERAZINES A SUBSTITUTION CYCLOALKYLE, UTILISES EN TANT QU'AGENTS SEROTONINERGIQUES**  
[72] CHILDERS, WAYNE EVERETT, US  
[72] KELLY, MICHAEL GERARD, US  
[72] PALMER, YVETTE LATKO, US  
[72] PODLESNY, EDWARD JAMES, US  
[71] AMERICAN HOME PRODUCTS CORPORATION, US  
[85] 2000-12-04  
[86] 1999-06-14 (PCT/US99/13397)  
[87] 1999-12-23 (WO99/65887)  
[30] US (09/097,463) 1998-06-15

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[21] **2,334,255**  
[13] A1  
[51] **Int.Cl. 6C08F 2/46 6C08F 222/06 6C08F 216/12 6C08F 2/48**  
[25] EN  
[54] **PHOTOPOLYMERIZATION PROCESS AND COMPOSITION EMPLOYING A CHARGE TRANSFER COMPLEX AND CATIONIC PHOTOPOLYMERIZATION**  
[54] **PROCEDE DE PHOTOPOLYMERISATION ET COMPOSITION UTILISANT UN COMPLEXE DE TRANSFERT DE CHARGE ET UN PHOTOAMORCEUR CATIONIQUE**  
[72] AMIN, MOHAMED R., US  
[72] MITRY, MARK, US  
[72] MCCARTNEY, ROGER, US  
[71] FUSION UV SYSTEMS, INC., US  
[85] 2000-12-04  
[86] 1999-07-30 (PCT/US99/17238)  
[87] 2000-02-10 (WO00/06613)  
[30] US (60/094,742) 1998-07-31

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[21] **2,334,256**  
[13] A1  
[51] **Int.Cl. 7G02F 1/39 7H04B 10/00 7H04L 9/08 7H04L 9/38**  
[25] EN  
[54] **SINGLE-PHOTON-EMISSION APPARATUS**  
[54] **APPAREIL D'EMISSION MONOPHOTONIQUE**  
[72] TAKEUCHI, SHIGEKI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2000-12-04  
[86] 1999-11-10 (PCT/JP99/06245)  
[87] 2000-10-19 (WO00/62123)  
[30] JP (11/104608) 1999-04-12

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[21] **2,334,258**  
[13] A1  
[51] **Int.Cl. 6C07D 277/14 6C07D 417/04 6C07D 279/06 6A61K 31/425 6A61K 31/54**  
[25] EN  
[54] **POTASSIUM CHANNEL INHIBITORS**  
[54] **INHIBITEURS DES CANAUX DE POTASSIUM**  
[72] CASTLE, NEIL ALEXANDER, US  
[72] MENDOZA, JOSE SERAFIN, US  
[72] GROSS, MICHAEL, US  
[71] ICAGEN, INC., US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-12-04  
[86] 1999-06-03 (PCT/US99/12149)  
[87] 1999-12-09 (WO99/62891)  
[30] US (60/088,228) 1998-06-05  
[30] US (09/307,708) 1999-05-01

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[21] **2,334,275**  
[13] A1  
[51] **Int.Cl. 6B29C 63/34 6F16L 55/165**  
[25] EN  
[54] **PIPE LINING**  
[54] **REVETEMENT INTERIEUR DE CONDUITES**  
[72] MCGUIRE, BRIAN EDWARD, GB  
[71] BG TRANSCO PLC, GB  
[85] 2000-11-29  
[86] 1998-06-10 (PCT/GB98/01552)  
[87] 1999-12-16 (WO99/64222)

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## Demandes PCT entrant en phase nationale

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|--|---|---|
| <p style="text-align: center;">[21] <b>2,334,276</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/26 6C12Q 1/28</b><br/>[25] EN<br/>[54] <b>LIQUID REAGENT SET FOR L-LACTATE DETERMINATION</b><br/>[54] <b>ENSEMBLE DE REACTIFS LIQUIDES POUR UNE DETERMINATION QUANTITATIVE DU L-LACTATE</b><br/>[72] MOUNTAIN, LARRY D., US<br/>[72] HURT, CATHERINE J., US<br/>[72] DORN, ALLAN R., US<br/>[71] ROCHE DIAGNOSTICS CORPORATION, US<br/>[85] 2000-11-29<br/>[86] 1999-05-28 (PCT/US99/12174)<br/>[87] 1999-12-02 (WO99/61657)<br/>[30] US (09/087,230) 1998-05-29<br/>[30] US (09/094,235) 1998-06-09</p> | <p style="text-align: center;">[21] <b>2,334,279</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02B 26/08</b><br/>[25] EN<br/>[54] <b>MIRROR BASED FIBER OPTIC SWITCH AND CONTROL SYSTEM</b><br/>[54] <b>COMMUTATEUR A FIBRE OPTIQUE A MIROIR ET SON SYSTEME DE COMMANDE</b><br/>[72] LAOR, HERZEL, US<br/>[71] ASTARTE FIBER NETWORKS, INC., US<br/>[85] 2000-11-29<br/>[86] 1999-06-03 (PCT/US99/12334)<br/>[87] 1999-12-29 (WO99/67666)<br/>[30] US (09/092,400) 1998-06-05<br/>[30] US (09/092,393) 1998-06-05<br/>[30] US (09/092,099) 1998-06-05</p>  | <p style="text-align: center;">[21] <b>2,334,282</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01M 3/28</b><br/>[25] EN<br/>[54] <b>LEAK DETECTION IN LIQUID CARRYING CONDUITS</b><br/>[54] <b>DETECTION DE FUITES DANS DES CONDUITES TRANSPORTANT DES LIQUIDES</b><br/>[72] JAMIESON, ANGUS LAMBERTON, GB<br/>[71] I.P.R. CO(21) LIMITED, GB<br/>[85] 2000-11-29<br/>[86] 1999-05-28 (PCT/GB99/01715)<br/>[87] 1999-12-09 (WO99/63317)<br/>[30] GB (9811474.7) 1998-05-29</p>   |
| <p style="text-align: center;">[21] <b>2,334,277</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C22B 7/04 7C22B 7/02 7C21C 5/56</b><br/>[25] EN<br/>[54] <b>METHOD FOR PROCESSING STEEL SLAGS</b><br/>[54] <b>PROCEDE POUR TRAITER DES LAITIERS EN MORCEAUX</b><br/>[72] EDLINGER, ALFRED, CH<br/>[71] "HOLDERBANK" FINANCIERE GLARUS AG, CH<br/>[85] 2000-11-29<br/>[86] 2000-04-14 (PCT/AT00/00088)<br/>[87] 2000-11-02 (WO00/65108)<br/>[30] AT (A 719/99) 1999-04-22</p>  | <p style="text-align: center;">[21] <b>2,334,280</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/00 6G06F 7/06 6G06F 11/10</b><br/>[25] EN<br/>[54] <b>SYSTEM, DEVICE, AND METHOD FOR COMMUNICATING WITH AND INITIALIZING A COMPUTER PERIPHERAL</b><br/>[54] <b>SYSTEME, DISPOSITIF ET PROCEDE PERMETTANT DE COMMUNIQUER AVEC UN PERIPHERIQUE D'ORDINATEUR ET DE L'INITIALISER</b><br/>[72] MITRA, RAJAT K., US<br/>[72] TANN, CHRISTOPHER, US<br/>[71] MOTOROLA, INC., US<br/>[85] 2000-11-29<br/>[86] 1999-04-09 (PCT/US99/07843)<br/>[87] 1999-12-09 (WO99/63428)<br/>[30] US (09/087,302) 1998-05-29</p> | <p style="text-align: center;">[21] <b>2,334,283</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06T 11/80 6G06T 13/00</b><br/>[25] EN<br/>[54] <b>ANIMATION SYSTEM AND METHOD FOR DEFINING AND USING RULE-BASED GROUPS OF OBJECTS</b><br/>[54] <b>SYSTEME D'ANIMATION ET PROCEDE POUR DEFINIR ET UTILISER DES GROUPES D'OBJETS BASES SUR DES REGLES</b><br/>[72] GAGNE, REJEAN, CA<br/>[71] AVID TECHNOLOGY, INC., US<br/>[85] 2000-11-29<br/>[86] 1999-05-21 (PCT/CA99/00453)<br/>[87] 1999-12-09 (WO99/63487)<br/>[30] US (09/086,467) 1998-05-29</p>   |
| <p style="text-align: center;">[21] <b>2,334,278</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B05B 7/14</b><br/>[25] EN<br/>[54] <b>POWDER COATING DEVICE</b><br/>[54] <b>DISPOSITIF POUR APPLIQUER UN REVETEMENT CONSTITUE DE POUVRE</b><br/>[72] MICHAEL, HANS PETER, CH<br/>[71] ITW GEMA AG, CH<br/>[85] 2000-11-29<br/>[86] 1999-12-15 (PCT/EP99/09939)<br/>[87] 2000-09-14 (WO00/53334)<br/>[30] DE (199 10 748.3) 1999-03-11</p>   | <p style="text-align: center;">[21] <b>2,334,281</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01R 19/25</b><br/>[25] EN<br/>[54] <b>METHOD FOR IMPROVING THE ACCURACY IN THE DETERMINATION OF A WAVEFORM CENTER</b><br/>[54] <b>PROCEDE VISANT A AMELIORER LA PRECISION DE DETERMINATION D'UN CENTRE DE FORME D'ONDE</b><br/>[72] DAVIS, MICHAEL A., US<br/>[72] BELLEMORE, DAVID, US<br/>[71] CIDRA CORPORATION, US<br/>[85] 2000-11-29<br/>[86] 1999-05-27 (PCT/US99/11836)<br/>[87] 1999-12-02 (WO99/61925)<br/>[30] US (09/087,447) 1998-05-29</p>  | <p style="text-align: center;">[21] <b>2,334,284</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b><br/>[25] EN<br/>[54] <b>REDUCING UNNECESSARY COMMUNICATION WITH A HOME LOCATION REGISTER IN A CELLULAR SYSTEM</b><br/>[54] <b>REDUCTION D'UNE COMMUNICATION SUPERFLUE AVEC UN REGISTRE DE LOCALISATION NOMINAL D'UN SYSTEME CELLULAIRE</b><br/>[72] LINDGREN, MAGNUS, SE<br/>[72] WIKSTROM, CLAES, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-11-29<br/>[86] 1999-05-21 (PCT/SE99/00874)<br/>[87] 1999-12-09 (WO99/63779)<br/>[30] US (09/090,708) 1998-06-04</p> |



## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,334,285</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B08B 9/02</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR TREATMENT IN THE FORM OF SCALE REMOVAL FROM, OR APPLICATION OF COATING TO, INTERNAL SURFACES IN A CLOSED FLUID SYSTEM</b><br/>[54] <b>PROCEDE ET APPAREIL DE TRAITEMENT DE SURFACES INTERIEURES DANS UN SYSTEME FLUIDE EN CIRCUIT FERME</b><br/>[72] LANDAAS, TORSTEIN, NO<br/>[71] INTEL SAMPLING A/S, NO<br/>[85] 2000-11-29<br/>[86] 1999-06-29 (PCT/NO99/00219)<br/>[87] 2000-01-06 (WO00/00306)<br/>[30] NO (19983021) 1998-06-29</p>   | <p style="text-align: right;">[21] <b>2,334,292</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B60J 9/02 7B60J 7/16</b><br/>[25] EN<br/>[54] <b>VEHICLE HATCH</b><br/>[54] <b>HAYON DE VEHICULE</b><br/>[72] CAUDURO, ARMANDO, MX<br/>[71] CAUDURO, ARMANDO, MX<br/>[85] 2000-12-05<br/>[86] 1999-07-27 (PCT/IB99/01327)<br/>[87] 2000-02-10 (WO00/06405)<br/>[30] MX (986131) 1998-07-30</p>   | <p style="text-align: right;">[21] <b>2,334,296</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/00 6A61K 47/40</b><br/>[25] EN<br/>[54] <b>ENHANCED INTRA VAGINAL DEVICES</b><br/>[54] <b>DISPOSITIFS INTRAVAGINAUX AMELIORES</b><br/>[72] BUNT, CRAIG ROBERT, NZ<br/>[72] OGLE, COLIN ROGER, NZ<br/>[72] RATHBONE, MICHAEL JOHN, NZ<br/>[72] BURGGRAAF, SHANE, NZ<br/>[71] DEC RESEARCH, NZ<br/>[85] 2000-12-05<br/>[86] 1999-06-03 (PCT/NZ99/00070)<br/>[87] 1999-12-16 (WO99/63967)<br/>[30] NZ (330596) 1998-06-05</p>   |
| <p style="text-align: right;">[21] <b>2,334,286</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B67D 5/60</b><br/>[25] EN<br/>[54] <b>CONTAINER SYSTEM FOR PRESSURIZED FLUIDS</b><br/>[54] <b>SYSTEME DE RECIPIENTS POUR FLUIDES SOUS PRESSION</b><br/>[72] SANDERS, STAN A., US<br/>[71] ECC SYSTEMS, INC., US<br/>[85] 2000-11-29<br/>[86] 1999-06-07 (PCT/US99/12705)<br/>[87] 1999-12-16 (WO99/64345)<br/>[30] US (09/097,142) 1998-06-12</p>   | <p style="text-align: right;">[21] <b>2,334,294</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B01D 46/42 6B01D 46/44</b><br/>[25] EN<br/>[54] <b>FILTER HAVING A CHANGE INDICATOR</b><br/>[54] <b>FILTRE A TEMOIN DE CHANGEMENT</b><br/>[72] KUBOKAWA, JAMES O., US<br/>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US<br/>[85] 2000-12-05<br/>[86] 1999-02-12 (PCT/US99/03158)<br/>[87] 2000-01-27 (WO00/03787)<br/>[30] US (09/115,319) 1998-07-14</p>  | <p style="text-align: right;">[21] <b>2,334,298</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07C 321/02 6C07C 311/00 6A61K 31/10 6A61K 31/18 6A61K 31/445 6C07D 211/96</b><br/>[25] EN<br/>[54] <b>NEUROPEPTIDE Y5 RECEPTOR ANTAGONISTS</b><br/>[54] <b>ANTAGONISTES DES RECEPTEURS Y5 NEUROPEPTIDIQUES</b><br/>[72] DUGAR, SUNDEEP, US<br/>[72] NEUSTADT, BERNARD R., US<br/>[72] STAMFORD, ANDREW W., US<br/>[72] WU, YUSHENG, US<br/>[71] SCHERING CORPORATION, US<br/>[85] 2000-12-05<br/>[86] 1999-06-07 (PCT/US99/11795)<br/>[87] 1999-12-16 (WO99/64394)<br/>[30] US (09/093,132) 1998-06-08</p> |
| <p style="text-align: right;">[21] <b>2,334,287</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H01L 21/98 7H01L 25/18</b><br/>[25] EN<br/>[54] <b>DATA STORAGE AND PROCESSING APPARATUS, AND METHOD FOR FABRICATING THE SAME</b><br/>[54] <b>APPAREIL DE STOCKAGE ET DE TRAITEMENT DE DONNEES ET PROCEDE DE FABRICATION DUDIT APPAREIL</b><br/>[72] GUSTAFSSON, GORAN, SE<br/>[72] CARLSSON, JOHAN, SE<br/>[72] LEISTAD, GEIRR I., NO<br/>[72] NORDAL, PER-ERIK, NO<br/>[72] GUDESEN, HANS GUDE, BE<br/>[71] THIN FILM ELECTRONICS ASA, NO<br/>[85] 2000-11-29<br/>[86] 1999-06-02 (PCT/NO99/00181)<br/>[87] 1999-12-09 (WO99/63527)<br/>[30] NO (19982518) 1998-06-02</p> | <p style="text-align: right;">[21] <b>2,334,295</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01N 29/02 6A61M 5/36</b><br/>[25] EN<br/>[54] <b>AIR BUBBLE SENSOR</b><br/>[54] <b>CAPTEUR DE BULLES D'AIR</b><br/>[72] LYNCH, CHRISTOPHER D., US<br/>[72] LAWLESS, MICHAEL W., US<br/>[72] COLE, MARTIN A., US<br/>[72] SOBERON, PETER A., US<br/>[72] MO, FRANK, S. C., US<br/>[71] ABBOTT LABORATORIES, US<br/>[85] 2000-12-05<br/>[86] 1999-06-04 (PCT/US99/12642)<br/>[87] 1999-12-16 (WO99/64093)<br/>[30] US (09/097,068) 1998-06-12</p> |   |

## Demandes PCT entrant en phase nationale

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[21] **2,334,299**  
[13] A1  
[51] Int.Cl. 6A61K 31/44 6C07D 319/04  
6C07D 319/08 6A01N 43/08 6A01N 43/30  
6A01N 43/32 6A61K 31/335 6A61K 31/36  
6C07D 317/46 6C07D 307/88  
[25] EN  
[54] HETEROCYCLIC CIS  
CYCLOPROPANE DERIVATIVES AS  
MELATONERGIC AGENTS  
[54] MELATONERGIQUES A BASE DE  
DERIVES CIS HETEROCYCLIQUES DE  
CYCLOPROPANE  
[72] CHEN, JIE, US  
[72] DODIER, MARCO, CA  
[72] TAKAKI, KATHERINE S., US  
[72] DEXTRAZE, PIERRE, CA  
[71] BRISTOL-MYERS SQUIBB  
COMPANY, US  
[85] 2000-12-05  
[86] 1999-05-25 (PCT/US99/11474)  
[87] 1999-12-09 (WO99/62515)  
[30] US (60/088,199) 1998-06-05

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[21] **2,334,301**  
[13] A1  
[51] Int.Cl. 6H04Q 11/04 6H04L 12/56  
[25] EN  
[54] METHOD FOR DYNAMIC RATE  
ALLOCATION IN A  
COMMUNICATION NETWORK, IN  
PARTICULAR A HIGH RATE  
NETWORK  
[54] PROCEDE D'ALLOCATION  
DYNAMIQUE DE DEBITS POUR UN  
RESEAU DE COMMUNICATION,  
NOTAMMENT UN RESEAU DU TYPE A  
HAUTS DEBITS  
[72] REMAEL, FRANCOIS-ARNAUD, FR  
[71] FRANCE TELECOM SA, FR  
[85] 2000-12-05  
[86] 1998-07-06 (PCT/FR98/01444)  
[87] 2000-01-13 (WO00/02413)

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[21] **2,334,306**  
[13] A1  
[51] Int.Cl. 6A01G 23/08  
[25] EN  
[54] HIGH PRODUCTIVITY TREE  
HARVESTING METHOD AND SYSTEM  
[54] PROCEDE ET SYSTEME HAUTE  
PRODUCTIVITE DE RECOLTE  
D'ARBRES ENTIERS  
[72] OSTLIE, L. DAVID, US  
[71] ENERGY PERFORMANCE  
SYSTEMS, INC., US  
[85] 2000-12-07  
[86] 1999-06-08 (PCT/US99/12695)  
[87] 1999-12-16 (WO99/63801)  
[30] US (60/088,470) 1998-06-08  
[30] US (09/327,248) 1999-06-07

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[21] **2,334,307**  
[13] A1  
[51] Int.Cl. 6C07D 207/40 6A61K 7/06  
6A61K 31/74  
[25] EN  
[54] DERIVATIZED POLYMERS OF  
.ALPHA.-OLEFIN-MALEIC  
ANHYDRIDE ALKYL HALF-ESTER OR  
FULL ACID  
[54] POLYMERES DERIVATISES  
D'ALKYL-SEMI-ESTER  
D'ANHYDRIDE ALPHA-OLEFINE-  
MALEIQUE OU DE L'ACIDE TOTAL  
[72] GILLECE, TIMOTHY, US  
[72] ULMER, HERBERT W., US  
[72] KATIRGIS, JOHN A., US  
[72] FOLTIS, LINDA C., US  
[72] BLAINE, APRIL, US  
[71] ISP INVESTMENTS INC., US  
[85] 2000-12-07  
[86] 1999-04-29 (PCT/US99/09430)  
[87] 1999-12-29 (WO99/67216)  
[30] US (09/103,386) 1998-06-24  
[30] US (09/103,856) 1998-06-24  
[30] US (09/104,309) 1998-06-24

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[21] **2,334,308**  
[13] A1  
[51] Int.Cl. 6C07C 49/653 6C07C 49/753  
6A61K 35/78  
[25] EN  
[54] HYPERFORIN DERIVATIVES,  
THE USE THEREOF AND  
FORMULATIONS CONTAINING THEM  
[54] DERIVES D'HYPERFORINE, LEUR  
UTILISATION ET FORMULATIONS  
LES CONTENANT  
[72] BOMBARDELLI, EZIO, IT  
[72] MARAZZONI, PAOLO, IT  
[71] INDENA S.P.A., IT  
[85] 2000-12-07  
[86] 1999-06-04 (PCT/EP99/03880)  
[87] 1999-12-16 (WO99/64388)  
[30] IT (MI98A001312) 1998-06-10

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[21] **2,334,309**  
[13] A1  
[51] Int.Cl. 6B27B 25/10 6B27B 29/08  
[25] EN  
[54] PORTABLE SAWMILL  
[54] SCIERIE PORTABLE  
[72] TAMMI, PASI, FI  
[71] TOMMI LAINE TRADING OY, FI  
[85] 2000-12-07  
[86] 1999-06-09 (PCT/FI99/00497)  
[87] 1999-12-16 (WO99/64212)  
[30] FI (981341) 1998-06-11

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[21] **2,334,311**  
[13] A1  
[51] Int.Cl. 6B28B 1/38 6B28B 17/00  
6B28B 7/04 6B05D 1/04  
[25] EN  
[54] METHOD AND APPARATUS FOR  
MANUFACTURING PROPHYLACTIC  
DEVICES  
[54] PROCEDE DE FABRICATION DE  
DISPOSITIFS PROPHYLACTIQUES ET  
APPAREIL CORRESPONDANT  
[72] SISBARRO, FREDRICK P., US  
[71] CARTER-WALLACE, INC., US  
[85] 2000-12-07  
[86] 1999-05-28 (PCT/US99/11864)  
[87] 1999-12-16 (WO99/64215)  
[30] US (09/095,330) 1998-06-10

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[21] **2,334,312**  
[13] A1

[51] **Int.Cl. 6A61K 31/34 6C07D 307/24**  
[25] EN  
[54] **THERAPEUTIC AGENTS**  
[54] **AGENTS THERAPEUTIQUES**  
[72] UENO, HARUMI, JP  
[72] SAGAWA, HIROAKI, JP  
[72] KATO, IKUNOSHIN, JP  
[72] AKIYAMA, KAORI, JP  
[71] TAKARA SHUZO CO., LTD., JP  
[85] 2000-12-07  
[86] 1999-06-25 (PCT/JP99/03404)  
[87] 2000-01-06 (WO00/00190)  
[30] JP (10/195149) 1998-06-26

[21] **2,334,313**  
[13] A1

[51] **Int.Cl. 6A61K 31/66**  
[25] EN  
[54] **PHARMACEUTICAL**  
**COMPOSITIONS CONTAINING**  
**ALPHA-**  
**TOCOPHERYLPHOSPHOCHOLINE**  
[54] **COMPOSITIONS**  
**PHARMACEUTIQUES CONTENANT**  
**DE L'ALPHA-**  
**TOCOPHERYLPHOSPHOCHOLINE**  
[72] PETERSON, ANDREW C., US  
[72] YAZDI, PARVIN I., US  
[72] PRUSS, THADDEUS P., US  
[71] CLARION PHARMACEUTICALS,  
INC., US  
[85] 2000-12-07  
[86] 1998-06-08 (PCT/US98/11818)  
[87] 1999-12-16 (WO99/64015)

[21] **2,334,314**  
[13] A1

[51] **Int.Cl. 6D21H 21/26 6B65D 27/04**  
[25] EN  
[54] **CELLULOSE SUBSTRATES WITH**  
**TRANSPARENTIZED AREA AND**  
**METHOD OF MAKING SAME**  
[54] **SUBSTRAT EN CELLULOSE A**  
**ZONE TRANSPARENTE ET SON**  
**PROCEDE DE FABRICATION**  
[72] MEHTA, RAJENDRA, US  
[71] THE STANDARD REGISTER  
COMPANY, US  
[85] 2000-12-07  
[86] 1999-06-09 (PCT/US99/13047)  
[87] 1999-12-29 (WO99/67465)  
[30] US (09/104,573) 1998-06-25

[21] **2,334,315**  
[13] A1

[51] **Int.Cl. 6C07K 14/60 6C07K 5/02**  
**6A61K 38/05 6C07K 5/06 6A61K 38/25**  
[25] EN  
[54] **COMPOUNDS WITH GROWTH**  
**HORMONE RELEASING PROPERTIES**  
[54] **COMPOSES A PROPRIETES DE**  
**LIBERATION DE L'HORMONE DE**  
**CROISSANCE**  
[72] PESCHKE, BERND, DK  
[72] HANSEN, THOMAS KRUSE, DK  
[72] ANKERSEN, MICHAEL, DK  
[72] RICHTER, STEFAN LUTZ (deceased),  
DK  
[71] NOVO NORDISK A/S, DK  
[85] 2000-12-07  
[86] 1999-06-29 (PCT/DK99/00368)  
[87] 2000-01-13 (WO00/01726)  
[30] DK (PA 1998 00857) 1998-06-30  
[30] DK (PA 1998 01440) 1998-11-09

[21] **2,334,317**  
[13] A1

[51] **Int.Cl. 7C07D 239/54 7C07D 401/06**  
**7C07D 403/06 7C07D 407/06 7C07D 413/**  
**06 7C07D 239/60**  
[25] EN  
[54] **ANTIVIRAL PYRIMIDINEDIONE**  
**DERIVATIVES AND PROCESS FOR**  
**THE PREPARATION THEREOF**  
[54] **DERIVES DE PYRIMIDINEDIONE,**  
**A PROPRIETE ANTIVIRALE, ET**  
**PROCEDE DE PREPARATION**  
**ASSOCIE**  
[72] CHUNG, SUN-GAN, KR  
[72] KWON, HO-SEOK, KR  
[72] LEE, JAE-EUNG, KR  
[72] LEE, SUN-HWAN, KR  
[72] JOO, JEONG-HO, KR  
[72] CHO, EUI-HWAN, KR  
[71] SAMJIN PHARMACEUTICAL CO.,  
LTD., KR  
[71] SAMJIN PHARMACEUTICAL CO.,  
LTD., KR  
[85] 2000-12-07  
[86] 2000-04-08 (PCT/KR00/00328)  
[87] 2000-10-19 (WO00/61564)  
[30] KR (1999/12629) 1999-04-10

[21] **2,334,318**  
[13] A1

[51] **Int.Cl. 6A63B 71/10**  
[25] EN  
[54] **A MOUTHGUARD**  
[54] **PROTEGE-DENTS**  
[72] BURNS, PETER, AU  
[71] SIGNATURE MOUTHGUARDS PTY.  
LIMITED, AU  
[85] 2000-12-07  
[86] 1999-06-11 (PCT/AU99/00458)  
[87] 1999-12-16 (WO99/64121)  
[30] AU (PP 4098) 1998-06-11

[21] **2,334,319**  
[13] A1

[51] **Int.Cl. 6H02K 21/14 6H02K 15/02**  
[25] EN  
[54] **ROTORS UTILIZING A STEPPED**  
**SKEW**  
[54] **ROTORS UTILISANT UN ECART**  
**ANGULAIRE ETAGE**  
[72] KLIMAN, GERALD BURT, US  
[72] STEPHENS, CHARLES MICHAEL,  
US  
[72] SABAN, DANIEL MICHAEL, US  
[71] GENERAL ELECTRIC COMPANY,  
US  
[85] 2000-12-07  
[86] 1999-06-25 (PCT/US99/14391)  
[87] 2000-01-06 (WO00/01058)  
[30] US (60/090,773) 1998-06-26

[21] **2,334,320**  
[13] A1

[51] **Int.Cl. 7D02G 1/16 7D02J 1/08**  
[25] EN  
[54] **DEVICE AND PROCESS FOR**  
**EXPANDING STRAND MATERIAL**  
[54] **DISPOSITIF ET PROCEDE**  
**ASSURANT L'EXPANSION DE**  
**MATERIAU EN BRIN**  
[72] SVENSSON, LENNART O., SE  
[72] NILSSON, BENGT G., SE  
[71] OWENS-CORNING SWEDEN AB, SE  
[85] 2000-12-07  
[86] 1999-06-23 (PCT/EP99/04344)  
[87] 2000-01-06 (WO00/00685)  
[30] US (09/106,670) 1998-06-29

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[21] **2,334,322**  
[13] A1

[51] **Int.Cl. 6C07D 491/14 6C07D 207/34 6A61K 31/435**  
[25] EN  
[54] **SYNTHESES OF A VARIETY OF LAMELLARIN COMPOUNDS AND ANALOGUES**  
[54] **SYNTHESE D'UNE VARIETE DE COMPOSES A BASE DE LAMELLARINE ET DE LEURS ANALOGUES**  
[72] FLYNN, BERNARD LUKE, AU  
[72] BANWELL, MARTIN GERHARDT, AU  
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU  
[85] 2000-12-07  
[86] 1999-06-25 (PCT/AU99/00516)  
[87] 1999-12-29 (WO99/67250)  
[30] AU (PP 4333) 1998-06-25

[21] **2,334,323**  
[13] A1

[51] **Int.Cl. 6C02F 1/28 6C02F 1/62**  
[25] EN  
[54] **INCLUSION METHODS FOR PURIFYING A SOLVENT**  
[54] **PROCEDES D'INCLUSION POUR PURIFIER UN SOLVANT**  
[72] RENDINA, DAVID DECK, CA  
[71] LIGHTYEAR TECHNOLOGIES (USA), INC., US  
[85] 2000-11-29  
[86] 1999-06-02 (PCT/CA99/00559)  
[87] 1999-12-09 (WO99/62825)  
[30] US (09/088,947) 1998-06-02

[21] **2,334,324**  
[13] A1

[51] **Int.Cl. 6C08L 23/22 6A63B 37/02 6A63B 37/06 6C08L 23/28**  
[25] EN  
[54] **RUBBER COMPOUND FOR GOLF BALL AND GOLF BALL**  
[54] **COMPOSE EN CAOUTCHOUC POUR BALLE DE GOLF ET BALLE DE GOLF**  
[72] FISHER, STEVEN JOSEPH, AU  
[72] BAHL, VIRENDRA KUMAR, AU  
[71] WAGGLE PTY. LTD., AU  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/AU99/00435)  
[87] 1999-12-16 (WO99/64511)  
[30] AU (PP 3958) 1998-06-05

[21] **2,334,325**  
[13] A1

[51] **Int.Cl. 6F16H 25/20**  
[25] EN  
[54] **ANTI-BACKLASH NUT ASSEMBLY**  
[54] **ENSEMBLE ECROU DE SUPPRESSION DE JEU**  
[72] ERIKSON, KENNETH W., US  
[72] ERIKSON, KEITH W., US  
[71] KERK MOTION PRODUCTS, INC., US  
[85] 2000-11-29  
[86] 1999-05-26 (PCT/US99/11606)  
[87] 1999-12-09 (WO99/63248)  
[30] US (09/090,370) 1998-06-04

[21] **2,334,326**  
[13] A1

[51] **Int.Cl. 6B65D 1/24**  
[25] EN  
[54] **STACKABLE LOW DEPTH BOTTLE CASE**  
[54] **CASIER A BOUTEILLES EMPILABLE DE FAIBLE PROFONDEUR**  
[72] APPS, WILLIAM P., US  
[72] HWANG, PHILIP C., US  
[71] REHRIG PACIFIC COMPANY, US  
[85] 2000-11-29  
[86] 1999-06-02 (PCT/US99/12238)  
[87] 1999-12-23 (WO99/65779)  
[30] US (09/097,933) 1998-06-16

[21] **2,334,327**  
[13] A1

[51] **Int.Cl. 6G09B 5/00**  
[25] EN  
[54] **MATHEMATICAL LEARNING GAME AND METHOD**  
[54] **JEU D'APPRENTISSAGE MATHEMATIQUE ET PROCEDE Y RELATIF**  
[72] WOOD, MICHAEL C., US  
[71] KNOWLEDGE KIDS ENTERPRISES, INC., US  
[85] 2000-11-29  
[86] 1999-05-27 (PCT/US99/11831)  
[87] 1999-12-23 (WO99/66477)  
[30] US (09/094,898) 1998-06-15

[21] **2,334,328**  
[13] A1

[51] **Int.Cl. 6C08F 12/04**  
[25] EN  
[54] **METHOD FOR PRODUCING POLYMERS FROM VINYLAROMATIC COMPOUNDS BY DISPERSION POLYMERISATION WITH THE ADDITION OF LUBRICATING AGENTS**  
[54] **PROCEDE DE PREPARATION DE POLYMERISATS A BASE DE COMPOSES VINYLAROMATIQUES PAR POLYMERISATION EN DISPERSION, SOUS ADJONCTION DE LUBRIFIANTS**  
[72] WUNSCH, JOSEF, DE  
[72] ANSELMANN, WOLFGANG, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-12-05  
[86] 1999-05-29 (PCT/EP99/03750)  
[87] 1999-12-16 (WO99/64483)  
[30] DE (198 25 713.9) 1998-06-09

[21] **2,334,329**  
[13] A1

[51] **Int.Cl. 7A01D 34/00**  
[25] EN  
[54] **ROTARY MOWING CUTTER AND PORTABLE POWER MOWER**  
[54] **DISPOSITIF DE COUPE POUR FAUCHEUSE ET FAUCHEUSE ELECTRIQUE PORTATIVE**  
[72] YAMADA, SAKUJI, JP  
[72] TERASHIMA, HIDEO, JP  
[71] YAMADA MACHINERY INDUSTRIAL CO., LTD., JP  
[85] 2000-11-29  
[86] 2000-04-14 (PCT/JP00/02473)  
[87] 2000-10-26 (WO00/62593)  
[30] JP (11/107824) 1999-04-15  
[30] JP (11/210395) 1999-07-26  
[30] JP (11/305718) 1999-10-27

[21] **2,334,331**  
[13] A1

[51] **Int.Cl. 6A23L 3/32**  
[25] EN  
[54] **PULSED ELECTRIC FIELD TREATMENT SYSTEM**  
[54] **SYSTEME DE TRAITEMENT PAR CHAMP ELECTRIQUE PULSE**  
[72] VAN HEESCH, EGBERTUS JOHANNES MARIA, NL  
[72] DE JONG, PIETER, NL  
[71] NEDERLANDS INSTITUUT VOOR ZUIVELONDERZOEK, NL  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/NL99/00347)  
[87] 1999-12-16 (WO99/63843)  
[30] NL (1009334) 1998-06-05

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[21] **2,334,332**  
[13] A1

[51] **Int.Cl. 6C07D 241/44 6C07D 401/06 6C07D 405/06 6A61K 31/495**  
[25] EN  
[54] **SUBSTITUTED QUINOXALIN-2(1H)-ONES USEFUL AS HIV REVERSE TRANSCRIPTASE INHIBITORS**  
[54] **QUINOXALIN-2(1H)-ONES SUBSTITUES UTILISES COMME INHIBITEURS DE TRANSCRIPTASE INVERSE DU VIH**  
[72] MCHUGH, ROBERT JOSEPH, US  
[72] PATEL, MONA, US  
[71] DUPONT PHARMACEUTICALS COMPANY, US  
[85] 2000-12-07  
[86] 1999-06-25 (PCT/US99/14395)  
[87] 2000-01-06 (WO00/00478)  
[30] US (60/090,893) 1998-06-26

[21] **2,334,334**  
[13] A1

[51] **Int.Cl. 6E21B 7/04**  
[25] EN  
[54] **DIRECTIONAL DRILLING SYSTEM AND APPARATUS**  
[54] **SYSTEME ET APPAREIL DE FORAGE DIRECTIONNEL**  
[72] CHANDLER, ROY L., US  
[72] WEBB, CHARLES T., US  
[71] WEBB, CHARLES T., US  
[85] 2000-12-07  
[86] 1999-06-04 (PCT/US99/12574)  
[87] 1999-12-16 (WO99/64712)  
[30] US (09/093,747) 1998-06-08  
[30] US (09/326,795) 1999-06-04

[21] **2,334,335**  
[13] A1

[51] **Int.Cl. 6A61K 35/78 6A61K 7/48**  
[25] EN  
[54] **TYROSINASE INHIBITORS FROM PLANTS**  
[54] **INHIBITEUR DE TYROSINASE, EXTRAIT DE PLANTES**  
[72] STECK, WARREN, CA  
[71] FYTOKEM PRODUCTS INC., CA  
[85] 2000-12-07  
[86] 1999-06-08 (PCT/CA99/00530)  
[87] 1999-12-16 (WO99/64025)  
[30] US (60/088,484) 1998-06-08

[21] **2,334,336**  
[13] A1

[51] **Int.Cl. 6C08L 67/04 6C08L 3/02 6C08J 5/18**  
[25] EN  
[54] **COMPLEXED STARCH-CONTAINING COMPOSITIONS HAVING HIGH MECHANICAL PROPERTIES**  
[54] **COMPOSITIONS COMPLEXEES CONTENANT DE L'AMIDON ET PRESENTANT DES PROPRIETES MECANQUES SUPERIEURES**  
[72] BELLOTTI, VITTORIO, IT  
[72] BASTIOLI, CATIA, IT  
[72] DEL TREDICI, GIANFRANCO, IT  
[72] GUANELLA, ITALO, IT  
[72] LOMBI, ROBERTO, IT  
[71] NOVAMONT S.P.A., IT  
[85] 2000-12-07  
[86] 1999-06-17 (PCT/EP99/04159)  
[87] 1999-12-23 (WO99/65990)  
[30] IT (TO98A000524) 1998-06-17

[21] **2,334,337**  
[13] A1

[51] **Int.Cl. 7A21D 10/00 7A21D 8/04 7A21D 13/08 7A21D 2/16**  
[25] EN  
[54] **A DOUGH COMPOSITION FOR PRODUCING LOW-FAT AND FAT-FREE SNACKS**  
[54] **COMPOSITION DE PATE POUR BISCUITS SALES SANS GRAISSE OU A FAIBLE TENEUR EN GRAISSES**  
[72] HEISEY, JACQUELINE CONRAD, US  
[72] ANDERSON, BARBARA ANN, US  
[72] LANNER, DAVID ARTHUR, US  
[72] WILLIAMS, KENNETH BRYAN, US  
[72] VILLAGRAN, MARIA DOLORES MARTINEZ-SERNA, US  
[72] WEHNER, PAMELA SUSAN, US  
[72] MCDONALD, GERALD C., US  
[72] WEBER, MICHAEL WAYNE, US  
[72] HSIEH, YEN-PING CHIN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-29  
[86] 1999-07-22 (PCT/US99/16663)  
[87] 2000-02-03 (WO00/04784)  
[30] US (60/094,056) 1998-07-24

[21] **2,334,338**  
[13] A1

[51] **Int.Cl. 7C07K 9/00 7C07B 61/00 7C07H 19/06 7A61K 38/14 7C07H 19/16 7C12Q 1/48**  
[25] EN  
[54] **DIRECTED COMBINATORIAL COMPOUND LIBRARY AND HIGH THROUGHPUT ASSAYS FOR SCREENING SAME**  
[54] **BANQUE COMBINATOIRE ET DIRIGEE DE COMPOSES ET DOSAGES HAUT RENDEMENT PERMETTANT LEUR CRIBLAGE**  
[72] SAHA, UTTAM, CA  
[72] ZISER, LOTHAR, CA  
[72] TROPPER, FRANCOIS D., CA  
[72] DONOVAN, ROB, CA  
[72] DATI, ALESSANDRO, CA  
[72] DENNIS, JAMES, CA  
[72] CARVER, JEREMY, CA  
[71] GLYCODESIGN INC., CA  
[85] 2000-12-07  
[86] 1999-06-10 (PCT/CA99/00550)  
[87] 1999-12-16 (WO99/64378)  
[30] US (60/088,828) 1998-06-10  
[30] US (60/120,562) 1999-02-17

[21] **2,334,339**  
[13] A1

[51] **Int.Cl. 6H01L 29/00**  
[25] EN  
[54] **METHODS OF FABRICATING SILICON CARBIDE POWER DEVICES BY CONTROLLED ANNEALING**  
[54] **PROCEDES DE FABRICATION DE DISPOSITIFS DE PUISSANCE A BASE DE CARBURE DE SILICIUM PAR MISE EN OEUVRE D'UN RECUIT MENAGE**  
[72] SINGH, RANBIR, US  
[72] PALMOUR, JOHN W., US  
[72] SUVOROV, ALEXANDER V., US  
[71] CREE, INC., US  
[85] 2000-12-05  
[86] 1999-06-07 (PCT/US99/12713)  
[87] 1999-12-29 (WO99/67825)  
[30] US (09/093,208) 1998-06-08

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|---|---|--|
| <p style="text-align: center;">[21] <b>2,334,341</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 307/83 6C07C 49/603</b><br/>[25] EN<br/>[54] <b>PROCESS FOR THE PREPARATION OF 3-ARYL-BENZOFURANONES</b><br/>[54] <b>PROCEDE DE PREPARATION DE 3-ARYL-BENZOFURANONES</b><br/>[72] TINKL, MICHAEL, DE<br/>[72] EVANS, SAMUEL, CH<br/>[72] NESVADBA, PETER, CH<br/>[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH<br/>[85] 2000-12-06<br/>[86] 1999-06-15 (PCT/EP99/04117)<br/>[87] 1999-12-29 (WO99/67232)<br/>[30] CH (1355/98) 1998-06-25</p>  | <p style="text-align: center;">[21] <b>2,334,343</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/46</b><br/>[25] EN<br/>[54] <b>UNITARY ABSORBENT STRUCTURE CONTAINING SUPERABSORBENT POLYMER</b><br/>[54] <b>STRUCTURE UNITAIRE ABSORBANTE RENFERMANT UN POLYMERE ULTRA-ABSORBANT</b><br/>[72] WESTPHAL, JAMES, US<br/>[72] ERSPAMER, JOHN P., US<br/>[72] LI, S. K. LAWRENCE, CA<br/>[71] BKI HOLDING CORPORATION, US<br/>[85] 2000-12-05<br/>[86] 1999-06-08 (PCT/US99/13174)<br/>[87] 1999-12-16 (WO99/63925)<br/>[30] US (60/088,454) 1998-06-08</p>   | <p style="text-align: center;">[21] <b>2,334,346</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b><br/>[25] EN<br/>[54] <b>ABSORBENT STRUCTURES COATED WITH FOAMED SUPERABSORBENT POLYMER</b><br/>[54] <b>STRUCTURES ABSORBANTES REVETUES DE POLYMERE EN MOUSSE ULTRA-ABSORBANT</b><br/>[72] GROSS, JAMES R., US<br/>[72] ERSPAMER, JOHN P., US<br/>[72] BAER, SAMUEL C., US<br/>[72] LEPTICK, STEVE, CA<br/>[71] BKI HOLDING CORPORATION, US<br/>[85] 2000-12-05<br/>[86] 1999-06-08 (PCT/US99/13177)<br/>[87] 1999-12-16 (WO99/63906)<br/>[30] US (60/088,453) 1998-06-08<br/>[30] US (09/211,934) 1998-12-15</p> |
| <p style="text-align: center;">[21] <b>2,334,342</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 417/06 6C07D 303/00 6C07D 313/00 6C07D 493/04 6A61K 31/425</b><br/>[25] EN<br/>[54] <b>EPOTHILONE DERIVATIVES AND THEIR SYNTHESIS AND USE</b><br/>[54] <b>DERIVES DE L'EPOTHILONE, LEUR SYNTHESE ET LEUR UTILISATION</b><br/>[72] NICOLAOU, KYRIACOS COSTA, US<br/>[72] KING, NIGEL PAUL, US<br/>[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, US<br/>[72] BIGOT, ANTONY, US<br/>[72] HE, YUN, US<br/>[72] ROSCHANGAR, FRANK, US<br/>[72] VOURLIOMIS, DIONISIOS, US<br/>[72] VALLBERG, HANS, SE<br/>[71] NOVARTIS AG, CH<br/>[71] THE SCRIPPS RESEARCH INSTITUTE, US<br/>[85] 2000-12-05<br/>[86] 1999-06-21 (PCT/EP99/04287)<br/>[87] 1999-12-29 (WO99/67252)<br/>[30] US (09/102,602) 1998-06-22</p> | <p style="text-align: center;">[21] <b>2,334,344</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A01N 25/00</b><br/>[25] EN<br/>[54] <b>METHOD AND COMPOSITION FOR THE TREATMENT OF EPIDERMAL IRRITATIONS AND INFECTIONS</b><br/>[54] <b>PROCEDE ET COMPOSITION POUR LE TRAITEMENT D'IRRITATIONS ET D'INFECTIONS EPIDERMQUES</b><br/>[72] EMBRO, WILLIAM J., US<br/>[71] EMBRO, WILLIAM J., US<br/>[85] 2000-12-07<br/>[86] 1999-06-09 (PCT/US99/13048)<br/>[87] 1999-12-16 (WO99/63816)<br/>[30] US (60/088,560) 1998-06-09</p>  | <p style="text-align: center;">[21] <b>2,334,347</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07C 401/00</b><br/>[25] EN<br/>[54] <b>24,24-DIFLUORINATED ANALOGS OF 1-ALPHA,25-DIHYDROXY VITAMIN D3</b><br/>[54] <b>ANALOGUES 24,24-FLUORES DE 1-.ALPHA.,25-DIHYDROXYVITAMINE D3</b><br/>[72] WANG, QIANG, US<br/>[72] LEE, JAE KYOO, US<br/>[72] POSNER, GARY H., US<br/>[71] JOHNS HOPKINS UNIVERSITY, US<br/>[85] 2000-11-29<br/>[86] 1999-06-02 (PCT/US99/12190)<br/>[87] 1999-12-09 (WO99/62876)<br/>[30] US (60/088,035) 1998-06-03<br/>[30] US (09/323,106) 1999-06-01</p>  |
|   | <p style="text-align: center;">[21] <b>2,334,345</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B08B 3/10</b><br/>[25] EN<br/>[54] <b>PSYCHROMETRIC APPARATUS AND METHOD FOR CONTINUOUS AIR REPLACEMENT/DEGASSING OF CONTINUOUS MULTILAYERED FIBERS WITH A CONDENSABLE GAS</b><br/>[54] <b>APPAREIL PSYCHROMETRIQUE ET PROCEDE DE REMPLACEMENT/DEGAZAGE DE FIBRES CONTINUES EN COUCHES MULTIPLES A L'AIDE D'UN GAZ CONDENSABLE</b><br/>[72] DUFEU, JORGE L., CL<br/>[72] VIDAURRE, H. VICTOR, CL<br/>[71] VIDAURRE-MILLER, FRANCISCA, US<br/>[85] 2000-12-07<br/>[86] 1999-06-04 (PCT/US99/12576)<br/>[87] 1999-12-16 (WO99/64174)<br/>[30] US (09/094,046) 1998-06-09</p> |  |

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[21] **2,334,348**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT STRUCTURES WITH INTEGRAL LAYER OF SUPERABSORBENT POLYMER PARTICLES**  
[54] **STRUCTURES ABSORBANTES A COUCHE INTEGREE DE PARTICULES POLYMERES ULTRA-ABSORBANTES**  
[72] GROSS, JAMES R., US  
[72] ERSPAMER, JOHN P., US  
[72] BAER, SAMUEL C., US  
[72] LEPTICK, STEVE, CA  
[71] BKI HOLDING CORPORATION, US  
[85] 2000-12-05  
[86] 1999-06-08 (PCT/US99/13180)  
[87] 1999-12-16 (WO99/63923)  
[30] US (60/088,451) 1998-06-08  
[30] US (09/211,935) 1998-12-15

[21] **2,334,349**  
[13] A1

[51] **Int.Cl. 6C23C 16/00**  
[25] EN  
[54] **HIGH THROUGHPUT ORGANOMETALLIC VAPOR PHASE EPITAXY (OMVPE) APPARATUS**  
[54] **DISPOSITIF D'EPITAXIE EN PHASE VAPEUR AUX ORGANOMETALLIQUES A CAPACITE ELEVEE**  
[72] SHEALY, J. RICHARD, US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 2000-12-06  
[86] 1999-07-12 (PCT/US99/14133)  
[87] 2000-01-27 (WO00/04205)  
[30] US (09/115,520) 1998-07-15

[21] **2,334,350**  
[13] A1

[51] **Int.Cl. 7B60H 1/00 7B60H 1/34**  
[25] EN  
[54] **STRUCTURE AND METHOD FOR MOUNTING DAMPER**  
[54] **STRUCTURE ET PROCEDE DE MONTAGE DE VOLET DE REGULATION**  
[72] MATSUBARA, SHIRO, JP  
[72] HASHIZUME, YOSHIHIRO, JP  
[72] NISHIJIMA, HIDEYA, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 2000-12-06  
[86] 2000-04-10 (PCT/JP00/02316)  
[87] 2000-10-19 (WO00/61396)  
[30] JP (11/103344) 1999-04-09

[21] **2,334,351**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT STRUCTURES HAVING FLUID DISTRIBUTION AND STORAGE LAYERS**  
[54] **STRUCTURES ABSORBANTES A COUCHES DE DISTRIBUTION ET DE STOCKAGE DE FLUIDE**  
[72] BAER, SAMUEL C., US  
[72] LI, S. K. LAURENCE, CA  
[72] ERSPAMER, JOHN P., US  
[71] BKI HOLDING CORPORATION, US  
[85] 2000-12-05  
[86] 1999-06-08 (PCT/US99/13175)  
[87] 1999-12-16 (WO99/63922)  
[30] US (60/088,455) 1998-06-08  
[30] US (60/088,456) 1998-06-08  
[30] US (60/102,344) 1998-09-29  
[30] US (09/232,783) 1999-01-19

[21] **2,334,352**  
[13] A1

[51] **Int.Cl. 7B22D 11/10 7C22C 38/00 7B22D 27/02 7B22D 11/108 7B22D 11/115 7B22D 11/128 7B22D 27/20**  
[25] EN  
[54] **CAST STEEL PIECE AND STEEL MATERIAL WITH EXCELLENT WORKABILITY, METHOD FOR PROCESSING MOLTEN STEEL THEREFOR AND METHOD FOR MANUFACTURING THE CAST STEEL AND STEEL MATERIAL**  
[54] **PIECE EN ACIER MOULE ET PRODUIT EN ACIER PRESENTANT UNE EXCELLENTE MANIABILITE, PROCEDE DE TRAITEMENT D'ACIER EN FUSION ET PROCEDE DE FABRICATION D'ACIER EN FUSION ET DE MATERIAU EN ACIER**  
[72] MIYAMOTO, KENICHIRO, JP  
[72] MIURA, RYUSUKE, JP  
[72] SUGANO, HIROSHI, JP  
[72] OKA, MASAHARU, JP  
[72] KUSUNOKI, SHINTARO, JP  
[72] ABE, MASAYUKI, JP  
[72] KOYAMA, YUJI, JP  
[72] KINARI, YASUHIRO, JP  
[72] MOROHOSHI, TAKASHI, JP  
[72] ZEZE, MASAFUMI, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 2000-12-06  
[86] 2000-04-07 (PCT/JP00/02296)  
[87] 2000-10-19 (WO00/61322)  
[30] JP (11/101163) 1999-04-08  
[30] JP (11/102184) 1999-04-09  
[30] JP (11/102379) 1999-04-09  
[30] JP (11/113673) 1999-04-21  
[30] JP (11/133223) 1999-05-13  
[30] JP (11/146443) 1999-05-26  
[30] JP (11/146850) 1999-05-26  
[30] JP (11/180112) 1999-06-25  
[30] JP (11/237031) 1999-08-24  
[30] JP (11/267277) 1999-09-21  
[30] JP (2000/22056) 2000-01-31  
[30] JP (2000/66137) 2000-03-10  
[30] JP (2000/86215) 2000-03-27

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|--|---|--|
| <p style="text-align: center;">[21] <b>2,334,353</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B29C 65/04 7B60N 3/04</b><br/>[25] EN<br/>[54] <b>APPARATUS FOR RADIO-FREQUENCY BONDING OF THERMOPLASTIC MEMBERS</b><br/>[54] <b>APPAREIL DE COLLAGE D'ELEMENTS THERMOPLASTIQUES PAR RADIOFREQUENCES</b><br/>[72] RIEGERT, RONALD JACK, US<br/>[72] FRANCISCO, HARRY BERNARD, US<br/>[71] E.I. DU PONT DE NEMOURS AND COMPANY, US<br/>[85] 2000-12-05<br/>[86] 1999-06-24 (PCT/US99/14316)<br/>[87] 2000-02-03 (WO00/05057)<br/>[30] US (09/119,793) 1998-07-21</p>                                 | <p style="text-align: center;">[21] <b>2,334,356</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A23G 3/30</b><br/>[25] EN<br/>[54] <b>ELASTOMER PROCESSING SYSTEM FOR CHEWING GUM</b><br/>[54] <b>SYSTEME DE TRAITEMENT D'ELASTOMERE POUR GOMME A MACHER</b><br/>[72] TEBRINKE, KEVIN RICHARD, US<br/>[72] BUNKERS, JOSEPH, US<br/>[72] DEGADY, MARC, US<br/>[72] DUGGAN, JAMES A., US<br/>[72] UPMANN, ARTHUR W., US<br/>[71] WARNER-LAMBERT COMPANY, US<br/>[85] 2000-12-05<br/>[86] 1998-07-22 (PCT/US98/15046)<br/>[87] 2000-02-03 (WO00/04792)</p>                                | <p style="text-align: center;">[21] <b>2,334,359</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01M 8/06 6C01B 3/34 6C01B 3/38 6C01B 3/50</b><br/>[25] EN<br/>[54] <b>METHOD AND SYSTEM FOR SUPPLYING HYDROGEN FOR USE IN FUEL CELLS</b><br/>[54] <b>PROCEDE ET SYSTEME D'APPORT D'HYDROGENE POUR CELLULES ELECTROCHIMIQUES</b><br/>[72] PARTRIDGE, RANDALL D., US<br/>[72] LAPIERRE, RENE B., US<br/>[71] MOBIL OIL CORPORATION, US<br/>[85] 2000-12-07<br/>[86] 1999-06-08 (PCT/US99/12737)<br/>[87] 1999-12-16 (WO99/65097)<br/>[30] US (60/088,627) 1998-06-09</p>                             |
| <p style="text-align: center;">[21] <b>2,334,354</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B60R 1/06</b><br/>[25] EN<br/>[54] <b>CIRCUIT FOR TIMED POSITION CONTROL OF DEVICE DRIVEN BY A DC MOTOR</b><br/>[54] <b>CIRCUIT TEMPORISE DE COMMANDE D'UN DISPOSITIF MU PAR UN MOTEUR C.C.</b><br/>[72] GRANDY, MARK E., US<br/>[71] PRESTOLITE WIRE CORPORATION, US<br/>[85] 2000-12-07<br/>[86] 1999-05-28 (PCT/US99/11938)<br/>[87] 1999-12-09 (WO99/62742)<br/>[30] US (60/087,463) 1998-06-01<br/>[30] US (09/322,587) 1999-05-28</p>   | <p style="text-align: center;">[21] <b>2,334,357</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D21F 7/08</b><br/>[25] EN<br/>[54] <b>METHOD OF MANUFACTURING PRESS FELT, AND PRESS FELT</b><br/>[54] <b>PROCEDE DE FABRICATION D'UN FEUTRE DE PRESSE ET FEUTRE DE PRESSE</b><br/>[72] HAGFORS, SATU, FI<br/>[72] HUHTINIEMI, JUKKA, FI<br/>[71] TAMFELT OYJ ABP, FI<br/>[85] 2000-12-07<br/>[86] 1999-06-09 (PCT/FI99/00504)<br/>[87] 1999-12-16 (WO99/64670)<br/>[30] FI (981335) 1998-06-10</p>   | <p style="text-align: center;">[21] <b>2,334,361</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H01B 1/08 7C09C 1/00 7C08K 9/02 7C09C 3/06 7H01B 1/20</b><br/>[25] EN<br/>[54] <b>LIGHT COLORED, ELECTRICALLY CONDUCTIVE COATED PARTICLES AND COMPOSITES MADE THEREFROM</b><br/>[54] <b>PARTICULES ENROBEES ELECTROCONDUCTRICES, LEGEREMENT TEINTEES, ET COMPOSITES OBTENUS</b><br/>[72] PALMGREN, CHARLOTTE M., US<br/>[71] 3M INNOVATIVE PROPERTIES COMPANY, US<br/>[85] 2000-12-05<br/>[86] 1999-06-02 (PCT/US99/12210)<br/>[87] 2000-01-06 (WO00/00988)<br/>[30] US (09/108,955) 1998-06-30</p> |
| <p style="text-align: center;">[21] <b>2,334,355</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07C 405/00 6A61K 31/557</b><br/>[25] EN<br/>[54] <b>PROSTAGLANDIN DERIVATIVES</b><br/>[54] <b>DERIVES DE PROSTAGLANDINE</b><br/>[72] SATO, FUMIE, JP<br/>[72] KAMEO, KAZUYA, JP<br/>[72] TANAMI, TOHRU, JP<br/>[72] YAMADA, KENJI, JP<br/>[72] ONO, NAOYA, JP<br/>[72] OKUYAMA, SHIGERU, JP<br/>[71] TAISHO PHARMACEUTICAL CO., LTD., JP<br/>[71] SATO, FUMIE, JP<br/>[85] 2000-11-07<br/>[86] 1999-05-25 (PCT/JP99/02721)<br/>[87] 1999-12-02 (WO99/61419)<br/>[30] JP (10/142622) 1998-05-25</p> | <p style="text-align: center;">[21] <b>2,334,358</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04J 13/00 7H04B 7/00</b><br/>[25] EN<br/>[54] <b>APPARATUS AND METHOD FOR GENERATING SPREADING CODE IN CDMA COMMUNICATION SYSTEM</b><br/>[54] <b>DISPOSITIF ET PROCEDE DE PRODUCTION DE CODE D'ETALEMENT DANS UN SYSTEME DE COMMUNICATION AMTR</b><br/>[72] BAE, SANG-MIN, KR<br/>[72] CHO, MI-YOUNG, KR<br/>[71] SAMSUNG ELECTRONICS CO., LTD., KR<br/>[85] 2000-12-05<br/>[86] 2000-04-21 (PCT/KR00/00380)<br/>[87] 2000-11-02 (WO00/65757)<br/>[30] KR (1999/14301) 1999-04-21</p> | <p style="text-align: center;">[21] <b>2,334,362</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61M 25/00</b><br/>[25] EN<br/>[54] <b>URINARY CONTROL VALVE</b><br/>[54] <b>SOUPAPE DE COMMANDE DE MICTION</b><br/>[72] SALAMA, FOUAD A., US<br/>[71] OPTICON MEDICAL INC., US<br/>[85] 2000-10-31<br/>[86] 1998-04-30 (PCT/US98/08694)<br/>[87] 1998-11-12 (WO98/49968)<br/>[30] US (08/850,203) 1997-05-02</p>   |



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[21] **2,334,363**  
[13] A1

[51] **Int.Cl. 7C22C 14/00 7C22C 16/00 7C22C 27/02 7C22C 27/06**  
[25] EN  
[54] **MODIFIED ELECTROCHEMICAL HYDROGEN STORAGE ALLOY HAVING INCREASED CAPACITY, RATE CAPABILITY AND CATALYTIC ACTIVITY**  
[54] **ALLIAGE MODIFIE DE STOCKAGE ELECTROCHIMIQUE D'HYDROGENE A PLUS GRANDE CAPACITE, PLUS GRANDE CAPACITE DE DEBIT ET PLUS GRANDE ACTIVITE CATALYTIQUE**  
[72] MAYS, WILLIAM, US  
[72] KOCH, JOHN, US  
[72] REICHMAN, BENJAMIN, US  
[72] OVSHINSKY, STANFORD R., US  
[72] FETCENKO, MICHAEL A., US  
[72] YOUNG, KWO, US  
[71] OVONIC BATTERY COMPANY, INC., US  
[85] 2000-12-01  
[86] 2000-04-11 (PCT/US00/09608)  
[87] 2000-10-19 (WO00/61828)  
[30] US (09/290,633) 1999-04-12

[21] **2,334,364**  
[13] A1

[51] **Int.Cl. 6A61F 2/06**  
[25] EN  
[54] **BIOENGINEERED FLAT SHEET GRAFT PROSTHESES**  
[54] **PROTHESES POUR GREFFES, GENETIQUEMENT MODIFIEES POUR GREFFES SE PRESENTANT SOUS FORME DE FEUILLES PLATES**  
[72] ABRAHAM, GINGER A., US  
[72] MURRAY, JAMES, US  
[72] BACHRACH, NATHANIEL M., US  
[71] ORGANOGENESIS INC., US  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/US99/12400)  
[87] 1999-12-09 (WO99/63051)  
[30] US (60/088,198) 1998-06-05  
[30] US (60/120,547) 1999-02-17

[21] **2,334,365**  
[13] A1

[51] **Int.Cl. 6F16B 2/18**  
[25] EN  
[54] **ANGULARLY ADJUSTABLE COUPLING**  
[54] **ACCOUPLLEMENT A ANGLE REGLABLE**  
[72] SLASINSKI, MICHAEL, US  
[71] SLASINSKI, MICHAEL, US  
[85] 2000-12-01  
[86] 1999-06-03 (PCT/US99/12407)  
[87] 1999-12-09 (WO99/63235)  
[30] US (60/087,822) 1998-06-03  
[30] US (60/124,237) 1999-03-12

[21] **2,334,366**  
[13] A1

[51] **Int.Cl. 6C09D 5/00 6C09K 3/00 6B01J 35/02 6C08J 7/04 6B05D 7/24**  
[25] EN  
[54] **UNDERCOATING AGENT FOR FORMING PHOTOEXITING COATING FILM OR PHOTOCATALYTIC AND HYDROPHILIC COATING FILM**  
[54] **AGENT DE COUCHE INTERMEDIAIRE PERMETTANT DE FORMER UN FILM DE REVETEMENT PHOTO-EMETTEUR OU UN FILM DE REVETEMENT PHOTOCATALYTIQUE ET HYDROPHILE**  
[72] KANNO, MITSUYOSHI, JP  
[72] YAMAMOTO, MASAHIRO, JP  
[72] HOKOYAMA, MASAHIRO, JP  
[72] YOSHIDA, TOSHIRO, JP  
[72] NORIMOTO, KEIICHIRO, JP  
[71] TOTO LTD., JP  
[85] 2000-12-01  
[86] 1999-06-04 (PCT/JP99/03010)  
[87] 1999-12-09 (WO99/63011)  
[30] JP (10/172170) 1998-06-04  
[30] JP (10/346252) 1998-12-04

[21] **2,334,368**  
[13] A1

[51] **Int.Cl. 6A61B 17/00 6A61F 2/00 6A61L 27/00 6A61F 2/06**  
[25] EN  
[54] **BIOENGINEERED TUBULAR GRAFT PROSTHESES**  
[54] **PROTHESES IMPLANTABLES TUBULAIRES OBTENUES PAR GENIE GENETIQUE**  
[72] ABRAHAM, GINGER A., US  
[72] CARR, ROBERT M., JR., US  
[71] ORGANOGENESIS, INC., US  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/US99/12320)  
[87] 1999-12-09 (WO99/62424)  
[30] US (60/088,198) 1998-06-05  
[30] US (60/120,548) 1999-02-17

[21] **2,334,369**  
[13] A1

[51] **Int.Cl. 6A61K 31/445**  
[25] EN  
[54] **USE OF OPTICALLY PURE (-) NORCISAPRIDE IN THE TREATMENT OF APNEA, BULIMIA, AND OTHER DISORDERS**  
[54] **PROCEDES PERMETTANT DE TRAITER L'APNEE, LA BOULIMIE ET D'AUTRES TROUBLES AU MOYEN DU NORCISAPRIDE (-) OPTIQUEMENT PUR**  
[72] RUBIN, PAUL D., US  
[72] BARBERICH, TIMOTHY J., US  
[71] SEPRACOR INC., US  
[85] 2000-12-01  
[86] 1999-06-10 (PCT/US99/13100)  
[87] 1999-12-23 (WO99/65490)  
[30] US (60/089,225) 1998-06-15  
[30] US (60/122,236) 1999-03-01

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[21] **2,334,370**  
[13] A1  
[51] **Int.Cl. 6A61K 35/74 6A23L 1/0562 6A23C 9/123 6A23L 1/30**  
[25] EN  
[54] **LACTIC ACID BACTERIUM-CONTAINING COMPOSITIONS, DRUGS AND FOODS**  
[54] **COMPOSITIONS CONTENANT DES BACTERIES LACTIQUES, MEDICAMENTS ET ALIMENTS**  
[72] ISHIKAWA, HIROSHI, JP  
[72] SUZUKI, NOBUYUKI, JP  
[72] HIRATA, HARUHISA, JP  
[72] NAKAYA, SEIGO, JP  
[71] WAKAMOTO PHARMACEUTICAL CO., LTD., JP  
[85] 2000-12-01  
[86] 1999-06-04 (PCT/JP99/03017)  
[87] 1999-12-16 (WO99/64023)  
[30] JP (10/172151) 1998-06-05  
[30] JP (10/275515) 1998-09-29  
[30] JP (10/313518) 1998-11-04  
[30] JP (10/349503) 1998-12-09

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[21] **2,334,372**  
[13] A1  
[51] **Int.Cl. 6F24F 7/08**  
[25] EN  
[54] **COMPACT AIR HANDLING UNIT WITH INTEGRAL SILENCING**  
[54] **UNITE COMPACTE DE TRAITEMENT DE L'AIR A SILENCIEUX MONOBLOC**  
[72] WILLKE, HERBERT L., JR., US  
[71] WILLKE, HERBERT L., JR., US  
[85] 2000-12-01  
[86] 1999-05-26 (PCT/US99/11572)  
[87] 1999-12-09 (WO99/63279)  
[30] US (60/087,703) 1998-06-02

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[21] **2,334,373**  
[13] A1  
[51] **Int.Cl. 6F41G 7/22**  
[25] EN  
[54] **METHOD OF REMOTE CONTROLLED COMBAT OF NEAR-SURFACE AND/OR SURFACE-BOUND TARGETS**  
[54] **PROCEDE POUR COMBATTRE A DISTANCE DES CIBLES PROCHES DU SOL ET/OU SUR LE SOL**  
[72] TRANAPP, NORBERT, DE  
[72] KRUGER, REINHARD, DE  
[72] GAUGGEL, ROLAND, DE  
[72] ARNOLD, MICHAEL, DE  
[71] LFK-LENKFLUGKORPERSYSTEME GMBH, DE  
[85] 2000-12-05  
[86] 1999-06-25 (PCT/DE99/01862)  
[87] 2000-01-06 (WO00/00779)  
[30] DE (198 28 644.9) 1998-06-26

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[21] **2,334,374**  
[13] A1  
[51] **Int.Cl. 6C07C 309/63 6A61K 31/00 6C07C 311/08 6C07C 53/132 6C07C 323/18 6C07C 271/28 6C07C 309/29 6C07C 69/612**  
[25] EN  
[54] **NEW 3-ARYL PROPIONIC ACID DERIVATIVES AND ANALOGS**  
[54] **NOUVEAUX DERIVES D'ACIDE 3-ARYL PROPIONIQUE ET ANALOGUES**  
[72] GOTTFRIES, JOHAN, SE  
[72] BOIJE, MARIA, SE  
[72] INGHARDT, TORD, SE  
[72] ANDERSSON, KJELL, SE  
[72] LINDSTEDT ALSTERMARK, EVA-LOTTE, SE  
[72] LI, LANNA, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-12-01  
[86] 1999-05-31 (PCT/SE99/00942)  
[87] 1999-12-09 (WO99/62871)  
[30] SE (9801990-4) 1998-06-04  
[30] SE (9801991-2) 1998-06-04  
[30] SE (9801992-0) 1998-06-04

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[21] **2,334,376**  
[13] A1  
[51] **Int.Cl. 7G07B 17/00 7G07F 17/26**  
[25] EN  
[54] **METHOD FOR PRODUCING FRANKING MARKINGS**  
[54] **PROCEDE D'OBTENTION DE MARQUAGE D'AFFRANCHISSEMENT**  
[72] MEYER, PLINIO, CH  
[71] FRAMA AG, CH  
[85] 2000-12-01  
[86] 2000-04-03 (PCT/CH00/00192)  
[87] 2000-10-12 (WO00/60545)  
[30] CH (640/99) 1999-04-03

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[21] **2,334,377**  
[13] A1  
[51] **Int.Cl. 7C01G 45/00**  
[25] EN  
[54] **METHOD FOR PREPARING LITHIUM MANGANATE HAVING SPINEL STRUCTURE**  
[54] **PROCEDE DE PREPARATION DE MANGANATE DE LITHIUM POSSEDANT UNE STRUCTURE DE SPINELLE**  
[72] NUMATA, KOICHI, JP  
[72] KAMADA, TSUNEYOSHI, JP  
[72] ARIMOTO, SHINJI, JP  
[72] NAKASHIMA, TAKUYA, JP  
[71] MITSUI MINING & SMELTING CO., LTD., JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-12-05  
[86] 2000-04-06 (PCT/JP00/02211)  
[87] 2000-10-19 (WO00/61495)  
[30] JP (11/101272) 1999-04-08  
[30] JP (11/101273) 1999-04-08

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| <p style="text-align: right;">[21] <b>2,334,378</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 1/00</b><br/>[25] EN<br/>[54] <b>ARRANGEMENT, SYSTEM AND METHOD RELATING TO DATA/ TELECOMMUNICATION FOR PROVIDING FAULT TOLERANT COMMUNICATION</b><br/>[54] <b>CONCEPTION, SYSTEME ET PROCEDE CONCERNANT DES DONNEES/LA TELECOMMUNICATION</b><br/>[72] PETERSSON, STEN, SE<br/>[72] HELANDER, LARS-ERIK, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-12-01<br/>[86] 1999-06-01 (PCT/SE99/00918)<br/>[87] 1999-12-09 (WO99/63701)<br/>[30] SE (9801959-9) 1998-06-03</p> | <p style="text-align: right;">[21] <b>2,334,381</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A47J 37/06 7A47J 37/08</b><br/>[25] EN<br/>[54] <b>COOKING UTENSILS</b><br/>[54] <b>USTENSILES DE CUISINE</b><br/>[72] YUNG, SIU YIM JIMMY, CN<br/>[71] CHIAPHUA INDUSTRIES LIMITED, HK<br/>[85] 2000-12-01<br/>[86] 1999-08-11 (PCT/GB99/02641)<br/>[87] 2000-02-24 (WO00/08989)<br/>[30] US (09/132,044) 1998-08-11</p>   | <p style="text-align: right;">[21] <b>2,334,384</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B22F 3/22</b><br/>[25] EN<br/>[54] <b>AQUEOUS MOLDING COMPOSITIONS FOR POWDERS OF STAINLESS STEEL, INTERMETALLIC COMPOUNDS AND/OR METAL MATRIX COMPOSITES</b><br/>[54] <b>COMPOSITIONS AQUEUSES DE MOULAGE POUR POUDRES EN ACIER INOXYDABLE, COMPOSES INTERMETALLIQUES ET/OU COMPOSITES A MATRICE METALLIQUE</b><br/>[72] SNOW, BRIAN JEFFREY, US<br/>[72] DUYCKINCK, RICK, US<br/>[72] BURLEW, JOAN VIRGINIA, US<br/>[72] FANELLI, ANTHONY, US<br/>[72] ZEDALIS, MICHAEL SEAN, US<br/>[71] ALLIEDSIGNAL INC., US<br/>[85] 2000-12-01<br/>[86] 1999-06-03 (PCT/US99/12291)<br/>[87] 1999-12-09 (WO99/62660)<br/>[30] US (09/090,075) 1998-06-03</p> |
| <p style="text-align: right;">[21] <b>2,334,379</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B60N 2/44</b><br/>[25] EN<br/>[54] <b>SUPPORT WITH ADJUSTABLE ARCH, ESPECIALLY A LUMBAR SUPPORT, FOR ANY TYPE OF SEAT OR BED</b><br/>[54] <b>DOSSIER A COURBURE ADAPTABLE, NOTAMMENT ELEMENT DE SOUTIEN LORDOTIQUE, POUR SIEGES ET CHAISES LONGUES DE TOUT TYPE</b><br/>[72] KLINGLER, KNUD, AT<br/>[71] SCHUKRA-GERATEBAU AG, AT<br/>[85] 2000-12-05<br/>[86] 1999-06-02 (PCT/EP99/03825)<br/>[87] 1999-12-16 (WO99/64266)<br/>[30] DE (198 25 225.0) 1998-06-05</p>                          | <p style="text-align: right;">[21] <b>2,334,382</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12N 5/06</b><br/>[25] EN<br/>[54] <b>METHOD FOR PRODUCING CLONED COWS</b><br/>[54] <b>PROCEDE DE PRODUCTION DE VACHES CLONEES</b><br/>[72] SHIN, TAE-YOUNG, KR<br/>[72] LIM, JEONG-MUK, KR<br/>[72] ROH, SANG-HO, KR<br/>[72] LEE, EUN-SONG, KR<br/>[72] SHIN, SOO-JUNG, KR<br/>[72] SONG, KIL-YOUNG, KR<br/>[72] LEE, BYEONG-CHUN, KR<br/>[72] CHO, JONG-KI, KR<br/>[72] KIM, KI-YON, KR<br/>[72] KIM, SUNG-KI, KR<br/>[72] PARK, JONG-IM, KR<br/>[71] HWANG, WOO-SUK, KR<br/>[85] 2000-12-05<br/>[86] 2000-06-30 (PCT/KR00/00707)<br/>[87] 2001-01-04 (WO01/00795)<br/>[30] KR (1999/26163) 1999-06-30<br/>[30] KR (1999/26164) 1999-06-30<br/>[30] KR (1999/26165) 1999-06-30<br/>[30] KR (1999/26166) 1999-06-30</p> | <p style="text-align: right;">[21] <b>2,334,385</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A23G 3/30</b><br/>[25] EN<br/>[54] <b>METHOD OF CONTROLLING RELEASE OF N-SUBSTITUTED DERIVATIVES OF ASPARTAME IN CHEWING GUM AND GUM PRODUCED THEREBY</b><br/>[54] <b>PROCEDE POUR MODULER LA LIBERATION DE DERIVES N-SUBSTITUES D'ASPARTAME DANS UNE GOMME A MACHER ET GOMME AINSI PRODUITE</b><br/>[72] JOHNSON, SONYA S., US<br/>[72] GREENBERG, MICHAEL J., US<br/>[72] TOWNSEND, DONALD J., US<br/>[72] YATKA, ROBERT J., US<br/>[72] SITLER, DANIEL J., US<br/>[71] WM. WRIGLEY JR. COMPANY, US<br/>[85] 2000-12-05<br/>[86] 1998-06-05 (PCT/US98/11741)<br/>[87] 1999-12-09 (WO99/62354)</p>   |
| <p style="text-align: right;">[21] <b>2,334,380</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E01C 3/00</b><br/>[25] EN<br/>[54] <b>A METHOD OF STABILISING THE GROUND IN ROAD CONSTRUCTION WORK</b><br/>[54] <b>PROCEDE DE STABILISATION D'UN SOL DANS DES TRAVAUX DE CONSTRUCTION ROUTIERE</b><br/>[72] RONIN, VLADIMIR, SE<br/>[71] RONIN, VLADIMIR, SE<br/>[85] 2000-12-01<br/>[86] 1999-06-02 (PCT/SE99/00954)<br/>[87] 1999-12-09 (WO99/63161)<br/>[30] SE (9802000-1) 1998-06-05</p>  | <p style="text-align: right;">[21] <b>2,334,383</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F23N 1/02 6F23N 5/18</b><br/>[25] EN<br/>[54] <b>REGULATING SYSTEM FOR GAS BURNERS</b><br/>[54] <b>SYSTEME DE REGULATION POUR BRULEUR A GAZ</b><br/>[72] VEGTER, DERK, NL<br/>[71] HONEYWELL B.V., NL<br/>[85] 2000-12-01<br/>[86] 1999-05-27 (PCT/EP99/03671)<br/>[87] 1999-12-09 (WO99/63273)<br/>[30] DE (198 24 524.6) 1998-06-02</p>   |   |

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[21] **2,334,386**  
[13] A1

[51] **Int.Cl. 7H01M 4/58 7H01M 4/04 7H01M 10/40**  
[25] EN  
[54] **METHOD FOR MANUFACTURING ACTIVE MATERIAL OF POSITIVE PLATE AND METHOD FOR MANUFACTURING NONAQUEOUS ELECTROLYTE SECONDARY CELL**  
[54] **PROCEDE DE PRODUCTION DE MATIERE ACTIVE DE PLAQUE POSITIVE ET PROCEDE DE FABRICATION DE CELLULES A ELECTROLYTE SECONDAIRES NON AQUEUSES**  
[72] AZUMA, HIDETO, JP  
[72] YAMADA, ATSUO, JP  
[72] LI, GUOHUA, JP  
[71] SONY CORPORATION, JP  
[85] 2000-12-01  
[86] 2000-03-28 (PCT/JP00/01915)  
[87] 2000-10-12 (WO00/60679)  
[30] JP (11/99407) 1999-04-06  
[30] JP (11/274746) 1999-09-28  
[30] JP (11/274747) 1999-09-28

[21] **2,334,387**  
[13] A1

[51] **Int.Cl. 6A61F 2/00**  
[25] EN  
[54] **VESSEL OCCLUSIVE APPARATUS AND METHOD**  
[54] **OBTURATEUR DE VAISSEAUX ET PROCEDE ASSOCIE**  
[72] TIMM, GERALD W., US  
[72] ANDERSON, DAVID W., US  
[71] TIMM MEDICAL TECHNOLOGIES, INC., US  
[85] 2000-12-05  
[86] 1999-06-08 (PCT/US99/12624)  
[87] 1999-12-16 (WO99/63907)  
[30] US (09/094,055) 1998-06-09

[21] **2,334,388**  
[13] A1

[51] **Int.Cl. 7H01J 37/317**  
[25] EN  
[54] **SYSTEM AND METHOD TO CORRECT FOR DISTORTION CAUSED BY BULK HEATING IN A SUBSTRATE**  
[54] **SYSTEME ET PROCEDE DE CORRECTION DE LA DISTORSION PROVOQUEE PAR UN CHAUFFAGE DE MASSE DANS UN SUBSTRAT**  
[72] CHILESE, FRANCIS C., US  
[72] SHAMOUN, BASSAM, US  
[72] TROST, DAVID, US  
[71] ETEC SYSTEMS, INC., US  
[85] 2000-12-01  
[86] 2000-04-12 (PCT/US00/10038)  
[87] 2000-10-19 (WO00/62324)  
[30] US (09/291,167) 1999-04-13

[21] **2,334,389**  
[13] A1

[51] **Int.Cl. 6A23G 3/00 6A23G 3/20**  
[25] EN  
[54] **MULTI-COLORED AERATED CONFECTIONERY PRODUCTS AND PROCESSES FOR MAKING**  
[54] **PRODUITS DE CONFISERIE SPONGIEUX MULTICOLORES ET LEURS PROCEDES DE FABRICATION**  
[72] VAN LENGERICH, BERNHARD, US  
[72] STINSON, JAMES L., US  
[72] ZIETLOW, PHILIP K., US  
[71] GENERAL MILLS, INC., US  
[85] 2000-12-05  
[86] 1999-05-25 (PCT/US99/11563)  
[87] 1999-12-23 (WO99/65321)  
[30] US (09/107,170) 1998-06-15

[21] **2,334,390**  
[13] A1

[51] **Int.Cl. 6C07C 1/00 6H01J 49/00 6B01D 59/44**  
[25] EN  
[54] **METHOD OF SCREENING COMPOSITIONS FOR ELECTROCATALYTIC ACTIVITY**  
[54] **PROCEDE DE CRIBLAGE DE COMPOSITIONS AUX FINS DE RECHERCHE DE LEUR ACTIVITE ELECTROCATALYTIQUE**  
[72] REDDINGTON, ERIK, US  
[72] SMOTKIN, EUGENE, US  
[72] MALLOUK, THOMAS E., US  
[72] SAPIENZA, ANTHONY, US  
[71] THE PENN RESEARCH FOUNDATION, US  
[85] 2000-12-01  
[86] 1999-06-04 (PCT/US99/12520)  
[87] 2000-01-27 (WO00/04362)  
[30] US (60/088,294) 1998-06-05

[21] **2,334,391**  
[13] A1

[51] **Int.Cl. 6A61C 19/04 6A61B 8/08**  
[25] EN  
[54] **IMPROVED DEVICE AND METHOD FOR THE ULTRASONIC DETECTION OF SMOOTH SURFACE LESIONS ON TOOTH CROWN SURFACES**  
[54] **DISPOSITIF ET PROCEDE AMELIORES DE DETECTION ULTRASONIQUE DE LESIONS SUR LES SURFACES LISSES DE COURONNES DENTAIRES**  
[72] BAB, ITAI, IL  
[72] FEUERSTEIN, OSNAT, IL  
[72] ZIV, VERED VIVI, IL  
[71] NOVADENT LTD., IL  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/IL99/00294)  
[87] 1999-12-09 (WO99/62423)  
[30] US (09/089,920) 1998-06-03

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[21] **2,334,392**  
[13] A1  
[51] **Int.Cl. 6C21C 5/52 6C21C 7/00 6F27D 23/00 6F27B 3/22**  
[25] EN  
[54] **MELTING METHOD AND DEVICE USING ORIENTABLE MULTIPURPOSE LANCE/BURNER UNITS**  
[54] **PROCEDE DE FUSION ET DISPOSITIF UTILISANT DES UNITES LANCE/BRULEUR MULTIFONCTIONS ORIENTABLES**  
[72] GENSINI, GIANNI, IT  
[72] ORSILLO, PAOLO, IT  
[72] SERAVALLI, LUCIANO, IT  
[72] CONTARDO, CLAUDIO, IT  
[72] LONDERO, LUCIO, IT  
[71] MORE S.R.L., IT  
[71] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT  
[85] 2000-12-05  
[86] 1999-06-03 (PCT/IB99/01000)  
[87] 1999-12-16 (WO99/64637)  
[30] IT (UD98A000095) 1998-06-08

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[21] **2,334,394**  
[13] A1  
[51] **Int.Cl. 6B04B 11/08 6B04B 11/04**  
[25] EN  
[54] **CENTRIFUGE CLUTCH AND BLADE DESIGN WITH CONTROL MECHANISM**  
[54] **MECANISME D'EMBRAYAGE DE CENTRIFUGEUSE ET TYPE DE LAME AVEC MECANISME DE COMMANDE**  
[72] BEATTEY, JEFFREY N., US  
[71] BEATTEY, JEFFREY N., US  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/US99/12482)  
[87] 1999-12-09 (WO99/62638)  
[30] US (09/090,043) 1998-06-03  
[30] US (09/318,585) 1999-05-25

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[21] **2,334,395**  
[13] A1  
[51] **Int.Cl. 6A61K 7/48 6A61K 31/18 6A61K 31/44 6A61K 31/445**  
[25] EN  
[54] **SMALL MOLECULE SULFONAMIDE HAIR GROWTH COMPOSITIONS AND USES**  
[54] **COMPOSITIONS POUR LA CROISSANCE DES CHEVEUX A BASE DE PETITES MOLECULES DE SULFONAMIDES ET UTILISATION DE CES COMPOSITIONS**  
[72] STEINER, JOSEPH P., US  
[72] HAMILTON, GREGORY S., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-01  
[86] 1998-06-03 (PCT/US98/11253)  
[87] 1999-12-09 (WO99/62490)

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[21] **2,334,396**  
[13] A1  
[51] **Int.Cl. 6A61K 7/48 6A61K 31/40 6A61K 31/415 6A61K 31/425 6A61K 31/44 6A61K 31/445 6A61K 31/535 6A61K 31/54**  
[25] EN  
[54] **HETEROCYCLIC THIOESTER AND KETONE HAIR GROWTH COMPOSITIONS AND USES**  
[54] **COMPOSITIONS POUR LA CROISSANCE DES CHEVEUX A BASE DE KETONES ET DE THIOESTERS HETEROCYCLIQUES ET UTILISATION DE CES COMPOSITIONS**  
[72] STEINER, JOSEPH P., US  
[72] HAMILTON, GREGORY S., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-01  
[86] 1998-06-03 (PCT/US98/11251)  
[87] 1999-12-09 (WO99/62488)

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[21] **2,334,397**  
[13] A1  
[51] **Int.Cl. 6C02F 3/34 6C02F 3/12**  
[25] EN  
[54] **WASTEWATER TREATMENT PROCESS**  
[54] **PROCEDE DE TRAITEMENT D'EAUX USEES**  
[72] FROST, NICOLA MAREE, NZ  
[72] SLADE, ALISON HYDE, NZ  
[72] GAPES, DANIEL JAMES, AU  
[72] CLARK, THOMAS, NZ  
[71] NEW ZEALAND FOREST RESEARCH INSTITUTE LIMITED, NZ  
[85] 2000-12-01  
[86] 1999-06-04 (PCT/NZ99/00073)  
[87] 1999-12-09 (WO99/62833)  
[30] NZ (330578) 1998-06-04

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[21] **2,334,398**  
[13] A1  
[51] **Int.Cl. 6A61L 2/00 6B01J 3/04 6A61L 2/08 6A61L 2/12 6H05B 6/54 6H05B 6/64**  
[25] EN  
[54] **APPARATUS AND METHOD FOR THE DISINFECTION OF MEDICAL WASTE IN A CONTINUOUS MANNER**  
[54] **PROCEDE ET DISPOSITIF DE DESINFECTION EN CONTINU DE DECHETS MEDICAUX**  
[72] TOMASELLO, ANTHONY J., US  
[71] STERICYCLE INC., US  
[85] 2000-12-01  
[86] 1999-05-25 (PCT/US99/11536)  
[87] 1999-12-09 (WO99/62566)  
[30] BR (PI9806362-6) 1998-06-01  
[30] US (09/238,525) 1999-01-27

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[21] **2,334,400**  
[13] A1  
[51] **Int.Cl. 6A01F 12/00 6G01J 3/28**  
[25] EN  
[54] **NEAR INFRARED SPECTROMETER USED IN COMBINATION WITH A COMBINE FOR REAL TIME GRAIN ANALYSIS**  
[54] **SPECTROMETRE A INFRAROUGE PROCHE UTILISE EN ASSOCIATION AVEC UNE MOISSONNEUSE-BATTEUSE POUR L'ANALYSE DE GRAIN EN TEMPS REEL**  
[72] HOOD, C. FRED, US  
[72] WRIGHT, STEVEN L., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2000-12-01  
[86] 1998-03-16 (PCT/US98/05105)  
[87] 1999-09-23 (WO99/46971)

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[21] **2,334,402**  
[13] A1  
[51] **Int.Cl. 6A47B 57/00**  
[25] EN  
[54] **ADJUSTABLE WORK SURFACE**  
[54] **SURFACE DE TRAVAIL REGLABLE**  
[72] CHAN, ERIC, US  
[72] DAME, PAUL, US  
[71] HERMAN MILLER, INC., US  
[85] 2000-12-01  
[86] 1999-05-28 (PCT/US99/11934)  
[87] 1999-12-09 (WO99/62374)  
[30] US (60/087,527) 1998-06-01

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| <p style="text-align: right;">[21] <b>2,334,403</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G09F 9/30</b><br/>[25] EN<br/>[54] <b>FLAT DISPLAY SCREEN</b><br/>[54] <b>ECRAN PLAT</b><br/>[72] GLATZER, MAIK, DE<br/>[72] GLATZER, RAINER, DE<br/>[71] GLATZER, RAINER, DE<br/>[85] 2000-12-01<br/>[86] 1999-06-01 (PCT/EP99/03796)<br/>[87] 1999-12-09 (WO99/63508)<br/>[30] DE (198 24 618.8) 1998-06-02<br/>[30] DE (199 05 599.8) 1999-02-11</p>   | <p style="text-align: right;">[21] <b>2,334,406</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B32B 3/00 6B32B 27/00 6B32B 9/04 6B41M 5/10 6B32B 5/16</b><br/>[25] EN<br/>[54] <b>HEAT-TRANSFER LABEL INCLUDING IMPROVED ACRYLIC ADHESIVE LAYER</b><br/>[54] <b>ETIQUETTE IMPRIMEE PAR REPORT A CHAUD COMPRENANT UNE COUCHE ADHESIVE ACRYLIQUE AMELIOREE</b><br/>[72] LAPRADE, JEAN PAUL, US<br/>[71] AVERY DENNISON CORPORATION, US<br/>[85] 2000-12-01<br/>[86] 1999-06-07 (PCT/US99/12702)<br/>[87] 1999-12-16 (WO99/64229)<br/>[30] US (09/093,153) 1998-06-08</p> | <p style="text-align: right;">[21] <b>2,334,408</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/11</b><br/>[25] EN<br/>[54] <b>APPARATUS AND METHOD FOR PROVIDING A CONSCIOUS PATIENT RELIEF FROM PAIN AND ANXIETY ASSOCIATED WITH MEDICAL OR SURGICAL PROCEDURES</b><br/>[54] <b>APPAREIL ET TECHNIQUE VISANT A SOULAGER LA DOULEUR ET A DIMINUER L'ANXIETE ASSOCIEES A DES INTERVENTIONS MEDICALES OU CHIRURGICALES CHEZ UN PATIENT CONSCIENT</b><br/>[72] HICKLE, RANDALL S., US<br/>[71] SCOTT LABORATORIES, INC., US<br/>[85] 2000-12-01<br/>[86] 1999-06-03 (PCT/US99/12151)<br/>[87] 1999-12-09 (WO99/62403)<br/>[30] US (60/087,841) 1998-06-03</p> |
| <p style="text-align: right;">[21] <b>2,334,404</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01R 31/36 6G01R 19/165</b><br/>[25] EN<br/>[54] <b>METHOD OF AND APPARATUS FOR MEASURING BATTERY CAPACITY</b><br/>[54] <b>PROCEDE ET APPAREIL POUR LA MESURE DE LA CAPACITE D'UNE BATTERIE</b><br/>[72] YOON, CHUL OH, KR<br/>[72] BARSUKOV, YEVGEN, KR<br/>[72] KIM, JONG HYUN, KR<br/>[71] KOREA KUMHO PETROCHEMICAL CO., LTD., KR<br/>[85] 2000-12-01<br/>[86] 1999-06-15 (PCT/KR99/00304)<br/>[87] 1999-12-23 (WO99/66340)<br/>[30] KR (98/22540) 1998-06-16<br/>[30] KR (98/24134) 1998-06-25</p>               | <p style="text-align: right;">[21] <b>2,334,407</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E05F 11/00</b><br/>[25] EN<br/>[54] <b>COUNTERBALANCE SYSTEM FOR UPWARD-ACTING DOOR</b><br/>[54] <b>SYSTEME DE CONTREPOIDS POUR PORTE A OUVERTURE VERS LE HAUT</b><br/>[72] KRUPKE, LEROY G., US<br/>[72] BOUCHER, D. SCOTT, US<br/>[72] SCATES, JOHN E., US<br/>[72] HOOFFARD, RICHARD K., US<br/>[71] OVERHEAD DOOR CORPORATION, US<br/>[85] 2000-12-01<br/>[86] 1999-06-10 (PCT/US99/13251)<br/>[87] 1999-12-16 (WO99/64706)<br/>[30] US (09/096,663) 1998-06-12</p> | <p style="text-align: right;">[21] <b>2,334,411</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/57 6A61K 31/165</b><br/>[25] EN<br/>[54] <b>USE OF A COMPOSITION COMPRISING FORMOTEROL AND BUDESONIDE FOR THE PREVENTION OR TREATMENT OF AN ACUTE CONDITION OF ASTHMA</b><br/>[54] <b>UTILISATION D'UNE COMPOSITION COMPRENANT DU FORMOTEROL ET DU BUDESONIDE POUR LA PREVENTION OU LE TRAITEMENT D'UN ETAT AIGU D'ASTHME</b><br/>[72] EKSTROM, TOMMY, SE<br/>[71] ASTRAZENECA AB, SE<br/>[85] 2000-12-05<br/>[86] 1999-06-10 (PCT/SE99/01031)<br/>[87] 1999-12-16 (WO99/64014)<br/>[30] SE (9802073-8) 1998-06-11</p>                                     |
| <p style="text-align: right;">[21] <b>2,334,405</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04M 17/00 6H04M 15/00</b><br/>[25] EN<br/>[54] <b>POINT OF SALE ACTIVATION AND DEACTIVATION OF PRE-PAID TELEPHONE CALLING CARDS</b><br/>[54] <b>ACTIVATION ET DESACTIVATION SUR LE POINT DE VENTE DE CARTES TELEPHONIQUES PREPAYEES</b><br/>[72] BOND, JAMES DUKE, US<br/>[72] WU, FRANK, US<br/>[72] MIR, KAMRAN, US<br/>[72] HENDERSON, KARL, US<br/>[71] MCI WORLDCOM, INC., US<br/>[85] 2000-12-01<br/>[86] 1999-06-02 (PCT/US99/12182)<br/>[87] 1999-12-09 (WO99/63744)<br/>[30] US (09/089,815) 1998-06-03</p> |   |  |

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[21] **2,334,412**  
[13] A1  
[51] **Int.Cl. 6C07C 235/38 6C07D 295/12 6A61K 31/13 6C07D 209/16 6A61K 31/165 6A61K 31/17 6C07D 209/18 6A61K 31/18 6C07D 333/20 6C07D 333/24 6C07D 239/26 6C07D 207/33 6A61K 31/335 6A61K 31/34 6C07D 303/36 6A61K 31/38 6A61K 31/40 6A61K 31/44 6A61K 31/445 6A61K 31/495 6A61K 31/505 6C07D 307/52 6A61K 31/535 6C07D 307/54 6C07D 213/56**  
[25] EN  
[54] **INDAN DERIVATIVES**  
[54] **DERIVES D'INDANE**  
[72] YANAGIHARA, KAZUFUMI, JP  
[72] YAMASHITA, TORU, JP  
[72] SHIGETA, YUKIHIRO, JP  
[72] SATO, MASAYUKI, JP  
[72] TANIKAWA, KEIZO, JP  
[72] OHRAI, KAZUHIKO, JP  
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-12-05  
[86] 1999-06-02 (PCT/JP99/02935)  
[87] 1999-12-09 (WO99/62867)  
[30] JP (HEI 10/154325) 1998-06-03  
[30] JP (HEI 11/107647) 1999-04-15

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[21] **2,334,414**  
[13] A1  
[51] **Int.Cl. 6H01P 1/208 6H01P 7/10**  
[25] EN  
[54] **MULTIPOLAR BAND PASS FILTER WITH ELLIPTICAL FILTER CHARACTERISTIC**  
[54] **FILTRE PASSE-BANDE MULTIPOLAIRE A CARACTERISTIQUE ELLIPTIQUE**  
[72] NEUMANN, CHRISTIAN, DE  
[72] MAYER, BERND, DE  
[72] KLEIN, NORBERT, DE  
[72] SCHORNSTEIN, STEFAN, DE  
[72] GHOSH, INDRA, DE  
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE  
[71] ROBERT BOSCH GMBH, DE  
[85] 2000-12-05  
[86] 1999-05-12 (PCT/DE99/01447)  
[87] 1999-12-16 (WO99/65103)  
[30] DE (198 24 997.7) 1998-06-05

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[21] **2,334,415**  
[13] A1  
[51] **Int.Cl. 6A61K 31/70**  
[25] EN  
[54] **COMPOSITIONS FOR INCREASING ENERGY IN VIVO**  
[54] **COMPOSITIONS PERMETTANT D'ACCROITRE L'ENERGIE IN VIVO**  
[72] ST. CYR, JOHN, US  
[72] JOHNSON, CLARENCE A., US  
[71] BIOENERGY INC., US  
[85] 2000-12-05  
[86] 1999-06-17 (PCT/US99/13720)  
[87] 1999-12-23 (WO99/65476)  
[30] US (60/090,001) 1998-06-19  
[30] US (09/290,789) 1999-04-12

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[21] **2,334,416**  
[13] A1  
[51] **Int.Cl. 6A63B 69/36**  
[25] EN  
[54] **WEIGHT TRAINING APPARATUS**  
[54] **DISPOSITIF D'ENTRAINEMENT A POIDS**  
[72] GRANT, CHRISTOPHER JOHN, GB  
[71] GRANT, CHRISTOPHER JOHN, GB  
[85] 2000-12-05  
[86] 1999-06-10 (PCT/IB99/01268)  
[87] 1999-12-16 (WO99/64113)  
[30] GB (9812458.9) 1998-06-10  
[30] GB (9818350.2) 1998-08-21  
[30] GB (9909817.0) 1999-04-28

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[21] **2,334,426**  
[13] A1  
[51] **Int.Cl. 6C01B 33/26 6C09C 1/28**  
[25] EN  
[54] **HIGH SURFACE AREA SILICATE PIGMENT AND METHOD FOR ITS PRODUCTION**  
[54] **PIGMENT A BASE DE SILICATE, A SURFACE EFFICACE ELEVEE, ET PROCEDE DE PRODUCTION ASSOCIE**  
[72] LOOCK, GARY W., US  
[72] WITHIAM, MICHAEL C., US  
[72] PRESTON, BARRY W., US  
[72] CONLEY, DONALD P., US  
[71] J.M. HUBER CORPORATION, US  
[85] 2000-12-05  
[86] 1999-05-03 (PCT/US99/09664)  
[87] 1999-11-11 (WO99/57059)  
[30] US (09/072,424) 1998-05-04

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[21] **2,334,429**  
[13] A1  
[51] **Int.Cl. 6A61B 17/36**  
[25] EN  
[54] **THERMAL SENSOR POSITIONING IN A MICROWAVE WAVEGUIDE**  
[54] **POSITIONNEMENT D'UN CAPTEUR THERMIQUE DANS UN GUIDE D'ONDES HYPERFREQUENCE**  
[72] FELDBERG, IAN BRUCE, GB  
[72] CRONIN, NIGEL, GB  
[71] MICROSULIS PLC, GB  
[85] 2000-12-05  
[86] 1999-05-05 (PCT/GB99/01400)  
[87] 1999-11-11 (WO99/56643)  
[30] GB (9809536.7) 1998-05-06

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[21] **2,334,431**  
[13] A1  
[51] **Int.Cl. 6A61K 33/44**  
[25] EN  
[54] **USE OF OZONE FOR THE PREPARATION OF MEDICAMENTS FOR THE TREATMENT OF DENTAL CARIES**  
[54] **UTILISATION D'OZONE SERVANT A PREPARER DES MEDICAMENTS POUR TRAITER LES CARIES DENTAIREES**  
[72] LYNCH, EDWARD, GB  
[71] GLENCASTLE ENTERPRISES LTD., GB  
[85] 2000-12-05  
[86] 1999-06-08 (PCT/EP99/04035)  
[87] 1999-12-16 (WO99/64020)  
[30] IE (S980434) 1998-06-08

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[21] **2,334,433**  
[13] A1  
[51] **Int.Cl. 6A61F 2/24**  
[25] EN  
[54] **MECHANICAL HEART VALVE**  
[54] **VALVULE CARDIAQUE MECANIQUE**  
[72] STEINSEIFER, ULRICH, DE  
[71] LAPEYRE, DIDIER, FR  
[71] TRIFLO MEDICAL, INC., US  
[85] 2000-12-05  
[86] 1999-06-02 (PCT/US99/12212)  
[87] 1999-12-09 (WO99/62437)  
[30] US (60/088,184) 1998-06-05

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[21] **2,334,435**  
[13] A1

[51] **Int.Cl. 6A61B 17/00 6A61F 2/00 6A61L 27/00 6A61F 2/06**  
[25] EN  
[54] **BIOENGINEERED VASCULAR GRAFT PROSTHESES**  
[54] **PROTHESES DE GREFFAGE VASCULAIRE PREPAREES A L'AIDE DE TECHNIQUES BIOLOGIQUES**  
[72] SULLIVAN, SUSAN J., US  
[72] MURRAY, JAMES, US  
[72] ABRAHAM, GINGER A., US  
[71] ORGANOGENESIS INC., US  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/US99/12646)  
[87] 1999-12-09 (WO99/62425)  
[30] US (60/088,198) 1998-06-05  
[30] US (60/120,331) 1999-02-17

[21] **2,334,440**  
[13] A1

[51] **Int.Cl. 6A46B 9/04**  
[25] EN  
[54] **MONOFILAMENT BRISTLE ASSEMBLIES AND METHODS OF MAKING BRUSHES USING SAME**  
[54] **ENSEMBLES POILS MONOFILAMENTS ET PROCEDE DE FABRICATION DE BROSSES UTILISANT CEUX-CI**  
[72] BUCKER, ROBERTO, US  
[72] WATTS, JAMES HARMON, US  
[72] CHAMBERS, JEFFREY ALLEN, US  
[72] LOUDIN, SUSAN ELAINE, US  
[72] EDWARDS, MARK STEPHEN, US  
[72] MARSHALL, WAYNE HUGH, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/US99/11791)  
[87] 1999-12-09 (WO99/62371)  
[30] US (09/092,094) 1998-06-05

[21] **2,334,443**  
[13] A1

[51] **Int.Cl. 6A61B 17/68 6A61F 2/02 6A61B 17/04**  
[25] EN  
[54] **SURGICAL BLIND RIVETS WITH CLOSING ELEMENTS**  
[54] **RIVET AVEUGLE CHIRURGICAL DOTE D'UN ELEMENT DE FERMETURE**  
[72] FRIGG, ROBERT, CH  
[71] SYNTHES (U.S.A.), US  
[85] 2000-12-05  
[86] 1999-05-11 (PCT/CH99/00194)  
[87] 1999-12-09 (WO99/62418)  
[30] CH (PCT/CH98/00242) 1998-06-04

[21] **2,334,449**  
[13] A1

[51] **Int.Cl. 6A23L 1/03 6A23L 1/30 6A23L 2/52 6A61K 31/575**  
[25] EN  
[54] **COMPOSITIONS COMPRISING PHYTOSTEROL, PHYTOSTANOL OR MIXTURES OF BOTH HAVING ENHANCED SOLUBILITY AND DISPERSABILITY AND INCORPORATION THEREOF INTO FOODS, BEVERAGES, PHARMACEUTICALS, NUTRACEUTICALS AND THE LIKE**  
[54] **COMPOSITIONS COMPRENANT DU PHYTOSTEROL, PHYTOSTANOL OU UN MELANGE DES DEUX AYANT UNE DISPERSABILITE ET SOLUBILITE AMELIOREE ET LEUR INCORPORATION A DE LA NOURRITURE, DES BREUVAGES, DES PRODUITS PHARMACEUTIQUES ET NUTRACEUTIQUES ET D'AUTRES PRODUITS CONNEXES**  
[72] WALLIS, SIMON HOWARD, CA  
[72] ZAWISTOWSKI, JERZY, CA  
[72] STEWART, DAVID JOHN, CA  
[72] MILANOVA, RADKA K., CA  
[71] FORBES MEDI-TECH INC., CA  
[85] 2000-12-05  
[86] 1999-06-07 (PCT/CA99/00512)  
[87] 1999-12-16 (WO99/63841)  
[30] US (09/092,497) 1998-06-05

[21] **2,334,451**  
[13] A1

[51] **Int.Cl. 6B65D 81/34 6A21B 3/13**  
[25] EN  
[54] **METHOD FOR MAKING A BAKING PRODUCT**  
[54] **PROCEDE DE FABRICATION D'UN PRODUIT DE BOULANGERIE**  
[72] ALHO-LEHTO, PIRJO, FI  
[72] PAUKKUNEN, VELI-MATTI, FI  
[72] LIIMATAINEN, PETRI, FI  
[71] RAISIO YHTYMÄ OYJ, FI  
[85] 2000-12-05  
[86] 1998-06-05 (PCT/FI98/00482)  
[87] 1999-12-16 (WO99/64320)

[21] **2,334,454**  
[13] A1

[51] **Int.Cl. 6C07D 209/08 6C07C 237/04 6A61K 31/40**  
[25] EN  
[54] **QUARTERNARY AMMONIUM COMPOUNDS AS ANTI-TUSSIVE AGENTS**  
[54] **COMPOSES D'AMMONIUM QUATERNAIRE UTILISES COMME AGENTS ANTITUSSIFS**  
[72] BEATCH, GREGORY N., CA  
[72] PAGE, CLIVE P., GB  
[72] CHOI, LEWIS S. L., CA  
[72] LIU, YUZHONG, CA  
[72] PLOUVIER, BERTRAND M. C., CA  
[71] NORTRAN PHARMACEUTICALS INC., CA  
[85] 2000-12-05  
[86] 1999-06-09 (PCT/CA99/00534)  
[87] 1999-12-16 (WO99/64398)  
[30] US (60/088,587) 1998-06-09

[21] **2,334,455**  
[13] A1

[51] **Int.Cl. 6C09J 7/00**  
[25] EN  
[54] **SUPPORT-FREE SELF-ADHESIVE MOULDED PART**  
[54] **CORPS MOULE AUTO-ADHESIF SANS SUPPORT**  
[72] MULLER, WOLF-RUDIGER, DE  
[72] PETERS, BERND WILLI, DE  
[72] KUHN, JORG, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2000-12-05  
[86] 1999-05-27 (PCT/EP99/03662)  
[87] 1999-12-16 (WO99/64530)  
[30] DE (198 25 291.9) 1998-06-05



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[21] **2,334,457**  
[13] A1

[51] **Int.Cl. 6C04B 28/02 6H02G 9/00**  
[25] EN  
[54] **COMPOSITION HAVING LOW THERMAL RESISTIVITY AND METHOD FOR LAYING UNDERGROUND CABLES FOR CARRYING ELECTRICAL ENERGY**  
[54] **COMPOSITIONS A FAIBLE RESISTIVITE THERMIQUE ET PROCEDE DE POSE DE CABLES ELECTRIQUES SOUTERRAINS**  
[72] CASLINI, DANILO, IT  
[72] DONAZZI, FABRIZIO, IT  
[72] MAIOLI, PAOLO, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[85] 2000-12-05  
[86] 1999-05-26 (PCT/EP99/03653)  
[87] 1999-12-16 (WO99/64367)  
[30] EP (98110292.4) 1998-06-05  
[30] US (60/088,844) 1998-06-10

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[21] **2,334,458**  
[13] A1

[51] **Int.Cl. 7A61B 17/04**  
[25] EN  
[54] **SUTURING ARTICULATING DEVICE FOR TISSUE AND NEEDLE MANIPULATION DURING MINIMALLY INVASIVE ENDOSCOPIC PROCEDURE**  
[54] **DISPOSITIF ARTICULE DE SUTURE POUR LA MANIPULATION DE TISSUS ET D'AIGUILLES LORS D'UNE INTERVENTION ENDOSCOPIQUE LEGEREMENT EFFRACTIVE**  
[72] GRACE, KENNETH, US  
[71] COMPUTER MOTION, INC., US  
[85] 2000-12-05  
[86] 2000-04-07 (PCT/US00/09201)  
[87] 2000-10-12 (WO00/59384)  
[30] US (09/287,860) 1999-04-07

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[21] **2,334,463**  
[13] A1

[51] **Int.Cl. 6B64C 11/28 6B63H 1/22 6B64C 27/50**  
[25] EN  
[54] **ROTOR OR PROPELLER WITH BLADE FOLDING AND PITCH CONTROL DEVICES**  
[54] **ROTOR OU HELICE MUNI DE DISPOSITIFS DE REPLIAGE DES PALES ET DE COMMANDE DU PAS**  
[72] SECORD, DENVER D., CA  
[71] SECORD, DENVER D., CA  
[85] 2000-12-05  
[86] 1999-06-15 (PCT/CA99/00562)  
[87] 1999-12-23 (WO99/65766)  
[30] US (09/097,394) 1998-06-16

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[21] **2,334,464**  
[13] A1

[51] **Int.Cl. 6C08L 67/02**  
[25] EN  
[54] **HIGH BARRIER POLYESTER / PHENYLENEDI (OXYACETIC ACID) POLYESTER BLENDS**  
[54] **MELANGES DE POLYESTER D'ACIDE PHENYLENEDI (OXYACETIQUE) / POLYESTER HAUTE BARRIERE**  
[72] BARBEE, ROBERT B., US  
[72] ROGERS, MARTIN E., US  
[72] FAGERBURG, DAVID R., US  
[72] LONG, TIMOTHY E., US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 2000-12-05  
[86] 1999-06-14 (PCT/US99/13371)  
[87] 1999-12-23 (WO99/65989)  
[30] US (60/089,221) 1998-06-15  
[30] US (60/089,220) 1998-06-15  
[30] US (60/089,391) 1998-06-15

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[21] **2,334,467**  
[13] A1

[51] **Int.Cl. 6A01N 43/80 6A01N 59/00 6C05G 3/02 6C05G 3/06 6A01N 25/30 6A01N 43/78**  
[25] EN  
[54] **HERBICIDAL MIXTURE CONTAINING A 3 HETEROCYCLYL-SUBSTITUTED BENZOYL DERIVATIVE**  
[54] **MELANGE HERBICIDE CONTENANT UN DERIVE BENZOYLE A SUBSTITUTION 3-HETEROCYCLYLE**  
[72] BERGHAUS, RAINER, DE  
[72] BRATZ, MATTHIAS, DE  
[72] SIEVERNICH, BERND, DE  
[72] OTTEN, MARTINA, DE  
[72] KIBLER, ELMAR, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2000-12-05  
[86] 1999-05-27 (PCT/EP99/03676)  
[87] 1999-12-16 (WO99/63823)  
[30] DE (198 25 588.8) 1998-06-09

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[21] **2,334,468**  
[13] A1

[51] **Int.Cl. 6B05D 1/02**  
[25] EN  
[54] **HIGH PRESSURE/VOLUME PROCESS FOR WET SHOTCRETING A REFRACTORY CASTABLE**  
[54] **PROCEDE DE GUNITAGE PAR VOIE HUMIDE, SOUS TRES FORTE PRESSION ET EN GRAND VOLUME, D'UNE MATIERE COULABLE REFRACTAIRE**  
[72] BONSALE, SAMUEL B., III, US  
[72] NOONE, KENNETH, US  
[71] NORTH AMERICAN REFRACTORIES CO., US  
[85] 2000-12-05  
[86] 1999-06-28 (PCT/US99/14601)  
[87] 2000-01-20 (WO00/02668)  
[30] US (09/113,411) 1998-07-10

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| <p style="text-align: right;">[21] <b>2,334,470</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E21B 23/00</b><br/>[25] EN<br/>[54] <b>METHOD AND SYSTEM FOR MOVING EQUIPMENT INTO AND THROUGH A CONDUIT</b><br/>[54] <b>PROCEDE ET SYSTEME POUR DEPLACER UN EQUIPEMENT A L'INTERIEUR ET AU TRAVERS D'UN CONDUIT</b><br/>[72] SCHEMPF, HAGEN, US<br/>[72] KIMMINAU, STEPHEN JOHN, NL<br/>[72] BIJLEVELD, AARNOUD FREDERIC, NL<br/>[72] DEN BOER, JOHANNIS JOSEPHUS, NL<br/>[72] STEWART, JOHN FOREMAN, NL<br/>[71] SHELL CANADA LIMITED, CA<br/>[85] 2000-12-05<br/>[86] 1999-06-11 (PCT/EP99/04104)<br/>[87] 1999-12-23 (WO99/66171)<br/>[30] US (60/089,032) 1998-06-12</p>            | <p style="text-align: right;">[21] <b>2,334,474</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65D 45/30</b><br/>[25] EN<br/>[54] <b>LATCH ASSEMBLY</b><br/>[54] <b>ENSEMBLE DE VERROUILLAGE</b><br/>[72] TIEU, LOC B., US<br/>[71] SOUTHCO, INC., US<br/>[85] 2000-12-05<br/>[86] 1999-05-27 (PCT/US99/11832)<br/>[87] 1999-12-09 (WO99/62783)<br/>[30] US (60/088,112) 1998-06-05<br/>[30] US (09/315,999) 1999-05-21</p>  | <p style="text-align: right;">[21] <b>2,334,478</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07D 335/06 7C07D 409/06 7C07D 333/54</b><br/>[25] EN<br/>[54] <b>PROCESS FOR THE DEHALOGENATION OF THIOCHROMAN AND DIHYDROBENZOTHIOPHENE DERIVATIVES</b><br/>[54] <b>PROCEDE DE DESHALOGENATION DU THIOCHROMANE ET DERIVES DIHYDROBENZOTHIOPHENE</b><br/>[72] DRABB, THOMAS WALTER JR., US<br/>[71] IDEMITSU KOSAN CO., LTD., JP<br/>[71] AMERICAN CYANAMID COMPANY, US<br/>[85] 2000-12-05<br/>[86] 2000-03-14 (PCT/US00/06601)<br/>[87] 2000-10-12 (WO00/59898)<br/>[30] US (09/286,867) 1999-04-06</p> |
| <p style="text-align: right;">[21] <b>2,334,471</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/395 6C07K 16/00</b><br/>[25] EN<br/>[54] <b>ANTIBODIES TO CYTOKINES IN THE PREVENTION AND TREATMENT OF INFLAMMATORY BOWEL DISEASE</b><br/>[54] <b>ANTICORPS ANTICYTOKINIQUES UTILISES EN PREVENTION ET TRAITEMENT DE MALADIES INTESTINALES INFLAMMATOIRES</b><br/>[72] KINK, JOHN A., US<br/>[72] WORLEDGE, KATHERINE L., US<br/>[72] STAFFORD, DOUGLAS C., US<br/>[71] OPHIDIAN PHARMACEUTICALS, INC., US<br/>[85] 2000-12-05<br/>[86] 1999-06-07 (PCT/US99/12755)<br/>[87] 1999-12-16 (WO99/64069)<br/>[30] US (09/095,535) 1998-06-10<br/>[30] US (09/325,825) 1999-06-04</p> | <p style="text-align: right;">[21] <b>2,334,476</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07C 257/18 6C07D 401/04 6C07D 417/04 6C07D 401/06 6C07D 401/14 6A61K 31/165 6C07D 233/26 6C07F 9/40 6A61K 31/40 6A61K 31/415 6A61K 31/44 6A61K 31/445 6C07D 211/46 6C07D 207/48 6A61K 31/50 6A61K 31/505</b><br/>[25] EN<br/>[54] <b>BENZAMIDINE DERIVATIVE</b><br/>[54] <b>DERIVE DE BENZAMIDINE</b><br/>[72] NAKAGAWA, TADAKIYO, JP<br/>[72] YOSHIDA, KAORU, JP<br/>[72] SAGI, KAZUYUKI, JP<br/>[72] TAKAHARA, AKIRA, JP<br/>[72] TAKEHANA, SHUNJI, JP<br/>[72] KAYAHARA, TAKASHI, JP<br/>[72] FUKUDA, YUMIKO, JP<br/>[72] SHOJI, MASATAKA, JP<br/>[71] AJINOMOTO CO., INC., JP<br/>[85] 2000-12-05<br/>[86] 1999-06-08 (PCT/JP99/03055)<br/>[87] 1999-12-16 (WO99/64392)<br/>[30] JP (10/159627) 1998-06-08<br/>[30] JP (10/159628) 1998-06-08</p> | <p style="text-align: right;">[21] <b>2,334,479</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61B 18/00</b><br/>[25] EN<br/>[54] <b>PLASMA KNIFE</b><br/>[54] <b>COUTEAU AU PLASMA</b><br/>[72] SUSLOV, NIKOLAJ, SE<br/>[71] NIKVAL INTERNATIONAL AB, SE<br/>[85] 2000-12-05<br/>[86] 1999-06-10 (PCT/SE99/01013)<br/>[87] 1999-12-29 (WO99/66852)<br/>[30] SE (9802238-7) 1998-06-24</p>   |
| <p style="text-align: right;">[21] <b>2,334,477</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/168</b><br/>[25] EN<br/>[54] <b>OCCCLUSION DETECTION SYSTEM</b><br/>[54] <b>SYSTEME DE DETECTION D'OCCCLUSION</b><br/>[72] MO, FRANK S. C., US<br/>[72] LAWLESS, MICHAEL W., US<br/>[72] SOBERON, PETER A., US<br/>[72] COLE, MARTIN A., US<br/>[72] LYNCH, CHRISTOPHER D., US<br/>[71] ABBOTT LABORATORIES, US<br/>[85] 2000-12-05<br/>[86] 1999-06-11 (PCT/US99/13016)<br/>[87] 1999-12-16 (WO99/64091)<br/>[30] US (09/097,062) 1998-06-12</p>   | <p style="text-align: right;">[21] <b>2,334,481</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/165</b><br/>[25] EN<br/>[54] <b>COMPOSITIONS AND METHODS FOR TREATMENT OF COUGH</b><br/>[54] <b>COMPOSITIONS ET PROCEDES ANTITUSSIFS</b><br/>[72] QUASTEL, DAVID M. J., CA<br/>[72] MACLEOD, BERNARD A., CA<br/>[72] PAGE, CLIVE P., GB<br/>[71] NORTRAN PHARMACEUTICALS INC., CA<br/>[85] 2000-12-05<br/>[86] 1999-06-09 (PCT/CA99/00535)<br/>[87] 1999-12-16 (WO99/63985)<br/>[30] US (60/088,597) 1998-06-09</p>  | <p style="text-align: right;">[21] <b>2,334,481</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/165</b><br/>[25] EN<br/>[54] <b>COMPOSITIONS AND METHODS FOR TREATMENT OF COUGH</b><br/>[54] <b>COMPOSITIONS ET PROCEDES ANTITUSSIFS</b><br/>[72] QUASTEL, DAVID M. J., CA<br/>[72] MACLEOD, BERNARD A., CA<br/>[72] PAGE, CLIVE P., GB<br/>[71] NORTRAN PHARMACEUTICALS INC., CA<br/>[85] 2000-12-05<br/>[86] 1999-06-09 (PCT/CA99/00535)<br/>[87] 1999-12-16 (WO99/63985)<br/>[30] US (60/088,597) 1998-06-09</p>  |

## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,334,482</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/04</b><br/>[25] EN<br/>[54] <b>DEVICE AND METHOD FOR ANASTOMOSIS TUBULAR STRUCTURES</b><br/>[54] <b>DISPOSITIF ET PROCEDE POUR L'ANASTOMOSE DE STRUCTURES TUBULAIRES</b><br/>[72] WELLS-ROTH, DAVID, US<br/>[71] SURGICAL INNOVATIONS, LLC, US<br/>[85] 2000-12-06<br/>[86] 1999-06-03 (PCT/US99/12413)<br/>[87] 1999-12-16 (WO99/63894)<br/>[30] US (09/095,537) 1998-06-10</p>   | <p style="text-align: right;">[21] <b>2,334,484</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08B 30/18 6D21H 21/00 6C09J 103/02 6D06M 15/11 6D21H 19/54</b><br/>[25] EN<br/>[54] <b>DEXTRINIZATION OF STARCH</b><br/>[54] <b>DEXTRINISATION DE L'AMIDON</b><br/>[72] KESSELMANS, RONALD PETER WILHELMUS, NL<br/>[72] HOPMAN, JOHANUDES CORNELIS PETRUS, NL<br/>[72] MAAS, AUGUSTINUS ARNOLDUS MARIA, NL<br/>[71] COOPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DERIVA, NL<br/>[85] 2000-12-06<br/>[86] 1999-06-04 (PCT/NL99/00349)<br/>[87] 1999-12-16 (WO99/64466)<br/>[30] EP (98201944.0) 1998-06-10</p> | <p style="text-align: right;">[21] <b>2,334,491</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/48 6A01K 67/00 6A61K 33/00 6A61K 31/74</b><br/>[25] EN<br/>[54] <b>CD7</b><br/>[54] <b>CD7</b><br/>[72] LEE, DAVID, US<br/>[72] PATEL, DHAVALKUMAR D., US<br/>[72] HAYNES, BARTON F., US<br/>[71] DUKE UNIVERSITY, US<br/>[85] 2000-12-06<br/>[86] 1999-06-10 (PCT/US99/13210)<br/>[87] 1999-12-16 (WO99/64857)<br/>[30] US (60/088,800) 1998-06-10</p>   |
| <p style="text-align: right;">[21] <b>2,334,483</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A01N 65/00 7A61F 2/00 7C12N 5/00 7C12P 1/00 7C12N 11/04 7C12N 5/06 7C12N 5/08 7A61K 35/12</b><br/>[25] EN<br/>[54] <b>COMPOSITIONS OF RESTRICTED CELLS CAPABLE OF RAPID GROWTH WHICH PRODUCE PROLIFERATION SUPPRESSIVE MATERIALS, AND USES THEREOF</b><br/>[54] <b>COMPOSITIONS DE CELLULES RESTREINTES CAPABLES DE CROISSANCE RAPIDE QUI PRODUISENT DES MATIERES SUPPRIMANT LA PROLIFERATION ET UTILISATION DESDITES COMPOSITIONS</b><br/>[72] JAIN, KANTI, US<br/>[72] ASINA, SHIRIN, US<br/>[72] RUBIN, ALBERT L., US<br/>[72] STENZEL, KURT, US<br/>[72] SMITH, BARRY, US<br/>[71] THE ROGOSIN INSTITUTE, US<br/>[85] 2000-12-06<br/>[86] 1999-11-09 (PCT/US99/26413)<br/>[87] 2000-05-18 (WO00/27207)<br/>[30] US (09/188,476) 1998-11-09</p> | <p style="text-align: right;">[21] <b>2,334,488</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 19/00 6B65G 1/137 6H04B 1/59</b><br/>[25] EN<br/>[54] <b>A MONITORING SYSTEM</b><br/>[54] <b>SYSTEME DE SURVEILLANCE</b><br/>[72] KOH, SOO KEONG, SG<br/>[72] SEAH, MOON MING, SG<br/>[72] CHIA, TECK KHIAM CHRISTOPHER, SG<br/>[71] ST LOGITRACK PTE LTD, SG<br/>[71] THE NATIONAL LIBRARY BOARD, SG<br/>[85] 2000-12-06<br/>[86] 1998-06-08 (PCT/SG98/00041)<br/>[87] 1999-12-16 (WO99/64974)</p>  | <p style="text-align: right;">[21] <b>2,334,492</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B60H 1/00</b><br/>[25] EN<br/>[54] <b>AIR CONDITIONER FOR VEHICLE</b><br/>[54] <b>CLIMATISEUR DESTINE A UN VEHICULE</b><br/>[72] ITO, JUN, JP<br/>[72] NISHIJIMA, HIDEYA, JP<br/>[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP<br/>[85] 2000-12-06<br/>[86] 2000-04-10 (PCT/JP00/02315)<br/>[87] 2000-10-19 (WO00/61395)<br/>[30] JP (11/103343) 1999-04-09</p>  |
| <p style="text-align: right;">[21] <b>2,334,489</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A23L 1/304 7A23G 3/00 7A23G 9/02 7A23C 9/13 7A23C 9/152</b><br/>[25] EN<br/>[54] <b>FORTIFICATION OF FOODSTUFF</b><br/>[54] <b>ENRICHISSEMENT DE PRODUITS ALIMENTAIRES</b><br/>[72] MALLANGI, CHANDRASEKHAR R., US<br/>[72] SHER, ALEXANDER A., US<br/>[72] WEDRAL, ELAINE REGINA, US<br/>[72] VEDEHRA, DHARAM VIR, US<br/>[72] FUCHS, EILEEN CAROL, US<br/>[71] SOCIETE DES PRODUITS NESTLE S.A., CH<br/>[85] 2000-12-06<br/>[86] 1999-06-14 (PCT/EP99/04078)<br/>[87] 2000-01-20 (WO00/02462)<br/>[30] US (09/113,401) 1998-07-10</p>  | <p style="text-align: right;">[21] <b>2,334,489</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61L 15/60 6A61L 15/24</b><br/>[25] EN<br/>[54] <b>WATER-ABSORBENT CORES FOR WATER ABSORBENT ARTICLES</b><br/>[54] <b>PARTIES CENTRALES ABSORBANT L'EAU POUR ARTICLES ABSORBANT L'EAU</b><br/>[72] CHEYNE, IAN, CA<br/>[72] TETZ, MARK, CA<br/>[71] CAMELOT TECHNOLOGIES LIMITED, CA<br/>[85] 2000-12-06<br/>[86] 1999-06-08 (PCT/EP99/03934)<br/>[87] 1999-12-16 (WO99/64084)<br/>[30] GB (9812427.4) 1998-06-09</p>   | <p style="text-align: right;">[21] <b>2,334,494</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61L 15/60 6A61L 15/24</b><br/>[25] EN<br/>[54] <b>WATER-ABSORBENT CORES FOR WATER ABSORBENT ARTICLES</b><br/>[54] <b>PARTIES CENTRALES ABSORBANT L'EAU POUR ARTICLES ABSORBANT L'EAU</b><br/>[72] CHEYNE, IAN, CA<br/>[72] TETZ, MARK, CA<br/>[71] CAMELOT TECHNOLOGIES LIMITED, CA<br/>[85] 2000-12-06<br/>[86] 1999-06-08 (PCT/EP99/03934)<br/>[87] 1999-12-16 (WO99/64084)<br/>[30] GB (9812427.4) 1998-06-09</p> |

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| <p style="text-align: right;">[21] <b>2,334,506</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B65D 25/28</b><br/>[25] EN<br/>[54] <b>VENTED CONTAINER WITH HANDLES AND EMBOSSMENT</b><br/>[54] <b>RECIPIENT VENTILE AVEC POIGNEE COMPORTANT UN ENFONCEMENT</b><br/>[72] HAYES, THOMAS J., US<br/>[72] MASLACH, SUZANNE R., US<br/>[72] SPENCER, MARK E., US<br/>[72] DELLINGER, J., SCOTT, US<br/>[72] MANGLA, RAJ K., US<br/>[72] ERICKSON, MARK A., US<br/>[71] PACTIV CORPORATION, US<br/>[85] 2000-12-06<br/>[86] 2000-05-08 (PCT/US00/12540)<br/>[87] 2000-11-23 (WO00/69737)<br/>[30] US (09/312,244) 1999-05-14</p> | <p style="text-align: right;">[21] <b>2,334,510</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/00</b><br/>[25] EN<br/>[54] <b>MICROSTRUCTURED OPTICAL FIBRES</b><br/>[54] <b>FIBRES OPTIQUES MICROSTRUCTUREES</b><br/>[72] BJARKLEV, ANDERS OVERGAARD, DK<br/>[72] BROENG, JES, DK<br/>[72] BARKOU, STIG EIGIL, DK<br/>[71] CRYSTAL FIBRE A/S, DK<br/>[85] 2000-12-06<br/>[86] 1999-05-21 (PCT/DK99/00279)<br/>[87] 1999-12-16 (WO99/64903)<br/>[30] DK (PA 1998 00779) 1998-06-09</p>  | <p style="text-align: right;">[21] <b>2,334,513</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04M 3/46 6H04M 3/50 6H04Q 3/64</b><br/>[25] EN<br/>[54] <b>MULTIMEDIA MANAGING AND PRIORITIZED QUEUEING SYSTEM INTEGRATED WITH INTELLIGENT ROUTING CAPABILITY</b><br/>[54] <b>SYSTEME MULTIMEDIA DE GESTION ET DE MISE EN FILE D'ATTENTE DE PRIORITE ASSOCIE A UN SYSTEME D'ACHEMINEMENT INTELLIGENT</b><br/>[72] NEYMAN, IGOR, US<br/>[72] GISBY, DOUGLAS, US<br/>[72] MILOSLAVSKY, ALEC, US<br/>[72] BONDARENKO, OLEG, US<br/>[72] SHTIVELMAN, YURI, US<br/>[72] CRONIN, PAUL, US<br/>[71] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US<br/>[85] 2000-12-06<br/>[86] 1999-06-07 (PCT/US99/12841)<br/>[87] 1999-12-16 (WO99/65214)<br/>[30] US (09/096,729) 1998-06-11</p> |
| <p style="text-align: right;">[21] <b>2,334,507</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A44B 19/16 7B65D 33/00</b><br/>[25] EN<br/>[54] <b>FASTENER WITH SLIDER THEREON FOR USE IN MANUFACTURING RECLOSEABLE BAGS</b><br/>[54] <b>FERMETURE A GLISSIERE DESTINEE A S'UTILISER DANS LA FABRICATION DE SACS POUVANT ETRE FERMES</b><br/>[72] BARCLAY, IAN J., US<br/>[72] BELMONT, KIRK E., US<br/>[71] PACTIV CORPORATION, US<br/>[85] 2000-12-06<br/>[86] 2000-05-05 (PCT/US00/12302)<br/>[87] 2000-11-16 (WO00/67604)<br/>[30] US (09/307,843) 1999-05-10</p>   | <p style="text-align: right;">[21] <b>2,334,511</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C22B 19/20 6C22B 15/00 6C22B 1/02 6C22B 3/08</b><br/>[25] EN<br/>[54] <b>TREATMENT OF ROASTED METAL SULPHIDE ORES AND FERRITES BY LEACHING WITH PEROXYSULPHURIC ACID</b><br/>[54] <b>TRAITEMENT DES PYRITES ET DES FERRITES METALLIQUES GRILLEES PAR LESSIVAGE A L'ACIDE PEROXYSULFURIQUE</b><br/>[72] RISHEA, MARC MURRAY, CA<br/>[72] LAKSHMANAN, VAIKUNTAM IYER, CA<br/>[72] HANNA, MICHAEL MOURAD, CA<br/>[71] PROTIUM METALS INC., CA<br/>[85] 2000-12-06<br/>[86] 1999-06-09 (PCT/CA99/00536)<br/>[87] 1999-12-23 (WO99/66085)<br/>[30] CA (2,240,450) 1998-06-12</p> | <p style="text-align: right;">[21] <b>2,334,514</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61L 15/28</b><br/>[25] EN<br/>[54] <b>USE OF A WOUND DRESSING IN THE TREATMENT OF ACUTE WOUNDS</b><br/>[54] <b>UTILISATION D'UN PANSEMENT POUR LE TRAITEMENT DE PLAIES VIVES</b><br/>[72] HOEKSTRA, MATTHIAS JOHANNAS, NL<br/>[72] DU PONT, JOHANNES SEBASTIANUS, NL<br/>[72] VLOEMANS, JOS, NL<br/>[72] KREIS, ROBERT WALTER, NL<br/>[71] BRISTOL-MYERS SQUIBB COMPANY, US<br/>[85] 2000-12-07<br/>[86] 1999-06-07 (PCT/EP99/03951)<br/>[87] 1999-12-16 (WO99/64079)<br/>[30] GB (9812278.1) 1998-06-09</p>   |
| <p style="text-align: right;">[21] <b>2,334,509</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01M 4/04 6H01M 6/06 6H01M 6/08</b><br/>[25] EN<br/>[54] <b>ELECTROCHEMICAL CELL HAVING INCREASED ANODE-TO-CATHODE INTERFACE AREA</b><br/>[54] <b>CELLULE ELECTROCHIMIQUE PRESENTANT UNE PLUS GRANDE INTERFACE ENTRE L'ANODE ET LA CATHODE</b><br/>[72] JURCA, ROMULUS P., US<br/>[71] EVEREADY BATTERY COMPANY, INC., US<br/>[85] 2000-12-06<br/>[86] 1999-06-24 (PCT/US99/14321)<br/>[87] 2000-01-06 (WO00/01022)<br/>[30] US (09/105,414) 1998-06-26</p>  | <p style="text-align: right;">[21] <b>2,334,512</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C09B 63/00 6C09B 11/00 6C09D 5/00 6C08K 5/42</b><br/>[25] EN<br/>[54] <b>HEAT STABLE LAKED MONOAZO PIGMENT COMPOSITIONS</b><br/>[54] <b>COMPOSITIONS DE PIGMENTS MONOAZO LAQUES, STABLES A LA CHALEUR</b><br/>[72] BINDRA, AMRIT PAL, US<br/>[71] ENGELHARD CORPORATION, US<br/>[85] 2000-12-06<br/>[86] 1999-05-24 (PCT/US99/11462)<br/>[87] 1999-12-16 (WO99/64521)<br/>[30] US (09/093,317) 1998-06-08</p>   |   |

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| <p style="text-align: center;">[21] <b>2,334,515</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/505 6A61K 31/415</b><br/>[25] EN<br/>[54] <b>A PHARMACEUTICAL COMBINATION COMPRISING A COX-2 INHIBITOR AND A INOS INHIBITOR</b><br/>[54] <b>COMPOSITION PHARMACEUTIQUE CONTENANT UN INHIBITEUR DE COX-2 ET UN INHIBITEUR DE INOS</b><br/>[72] TINKER, ALAN, GB<br/>[72] HAMLEY, PETER, GB<br/>[71] ASTRAZENECA AB, SE<br/>[85] 2000-12-07<br/>[86] 1999-06-23 (PCT/SE99/01144)<br/>[87] 2000-01-06 (WO00/00200)<br/>[30] SE (9802333-6) 1998-06-29</p>   | <p style="text-align: center;">[21] <b>2,334,518</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C09K 3/18 7D21H 17/11 7D21H 19/12 7D21H 21/16 7D21H 19/24 7D21H 17/46 7D21H 19/46</b><br/>[25] EN<br/>[54] <b>WATER DISPERSION TYPE WATER AND OIL REPELLENT COMPOSITION</b><br/>[54] <b>COMPOSITION HYDROPHOBE ET OLEOPHOBE DE TYPE DISPERSION AQUEUSE</b><br/>[72] SEKI, RYUJI, JP<br/>[72] FUNAKI, HIROSHI, JP<br/>[71] ASAHI GLASS COMPANY LTD., JP<br/>[85] 2000-12-07<br/>[86] 2000-04-28 (PCT/JP00/02832)<br/>[87] 2000-11-09 (WO00/66677)<br/>[30] JP (11/123003) 1999-04-28</p>  | <p style="text-align: center;">[21] <b>2,334,527</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 33/04 6A61K 31/40 6A61K 31/495</b><br/>[25] EN<br/>[54] <b>COMBINATION OF SELENIUM-CONTAINING COMPOUNDS WITH CYTOSTATICS</b><br/>[54] <b>COMBINAISON DE COMPOSES CONTENANT DU SELENIUM AVEC DES CYTOSTATIQUES</b><br/>[72] ROHRER, HELMUT, DE<br/>[72] STIEFEL, THOMAS, DE<br/>[71] BIOSYN ARZNEIMITTEL GMBH, DE<br/>[85] 2000-12-06<br/>[86] 1999-05-31 (PCT/EP99/03771)<br/>[87] 1999-12-16 (WO99/64018)<br/>[30] DE (198 25 746.5) 1998-06-09</p>   |
| <p style="text-align: center;">[21] <b>2,334,516</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B32B 3/00</b><br/>[25] EN<br/>[54] <b>METHODS AND APPARATUS FOR RENDERING AN OPTICALLY ENCODED MEDIUM UNREADABLE</b><br/>[54] <b>PROCEDES ET DISPOSITIFS SERVANT A RENDRE ILLISIBLE UN SUPPORT CODE OPTIQUEMENT</b><br/>[72] ZEPP, CHARLES M., US<br/>[72] LAWANDY, NABIL M., US<br/>[72] NORLAND, KENNETH S., US<br/>[71] SPECTRADISC CORPORATION, US<br/>[85] 2000-12-07<br/>[86] 1999-06-25 (PCT/US99/14528)<br/>[87] 1999-12-29 (WO99/67085)<br/>[30] US (60/090,682) 1998-06-25<br/>[30] US (09/338,959) 1999-06-24</p> | <p style="text-align: center;">[21] <b>2,334,523</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A01N 37/36 6A01N 31/02 6A01N 37/04 6A01N 37/06 6A01N 37/42</b><br/>[25] EN<br/>[54] <b>USE OF AT LEAST ONE ACID FROM THE CITRIC ACID CYCLE COMBINED WITH GLYCERINE AS A PESTICIDE</b><br/>[54] <b>UTILISATION D'AU MOINS UN ACIDE DU CYCLE ACIDE CITRIQUE EN COMBINAISON AVEC DE LA GLYCERINE, COMME AGENT DE LUTTE CONTRE LES PARASITES</b><br/>[72] BENCSITS, FRANZ, CH<br/>[71] BIOLINK TECHNOLOGIES AG, CH<br/>[85] 2000-12-06<br/>[86] 1999-06-02 (PCT/EP99/03835)<br/>[87] 1999-12-16 (WO99/63818)<br/>[30] DE (198 25 605.1) 1998-06-08</p> | <p style="text-align: center;">[21] <b>2,334,528</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/06 6A61K 38/05</b><br/>[25] EN<br/>[54] <b>REGULATION OF TYROSINE HYDROXYLASE</b><br/>[54] <b>REGULATION DE TYROSINE HYDROXYLASE</b><br/>[72] GLUCKMAN, PETER DAVID, NZ<br/>[72] ALEXI, TAJRENA, NZ<br/>[72] GUAN, JIAN, NZ<br/>[71] NEURONZ LIMITED, NZ<br/>[85] 2000-12-06<br/>[86] 1999-06-15 (PCT/NZ99/00085)<br/>[87] 1999-12-23 (WO99/65509)<br/>[30] NZ (330684) 1998-06-15</p>  |
| <p style="text-align: center;">[21] <b>2,334,517</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B29C 35/08 6B29C 41/02</b><br/>[25] EN<br/>[54] <b>FABRICATION OF THREE-DIMENSIONAL OBJECTS</b><br/>[54] <b>FABRICATION D'OBJETS TRIDIMENSIONNELS</b><br/>[72] STOTTS, JOHN, US<br/>[72] SHARMA, SUNITI, US<br/>[72] NARANG, SUBHASH, US<br/>[72] VENTURA, SUSANNA, US<br/>[71] SRI INTERNATIONAL, US<br/>[85] 2000-12-07<br/>[86] 1999-06-08 (PCT/US99/12848)<br/>[87] 2000-01-06 (WO00/00335)<br/>[30] US (09/105,858) 1998-06-26</p>  | <p style="text-align: center;">[21] <b>2,334,526</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B32B 27/08 6B44F 1/10</b><br/>[25] EN<br/>[54] <b>MULTI-COMPONENT UNIDIRECTIONAL GRAPHIC ARTICLE</b><br/>[54] <b>ARTICLE GRAPHIQUE SENS UNIQUE A COMPOSANTS MULTIPLES</b><br/>[72] BULL, SALLY J., US<br/>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US<br/>[85] 2000-12-06<br/>[86] 1999-01-08 (PCT/US99/00426)<br/>[87] 1999-12-23 (WO99/65680)<br/>[30] US (09/094,896) 1998-06-15</p>  | <p style="text-align: center;">[21] <b>2,334,531</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/00 6A61K 9/00 6A61K 7/32</b><br/>[25] EN<br/>[54] <b>GEL COSMETIC COMPOSITIONS</b><br/>[54] <b>COMPOSITIONS COSMETIQUES SOUS FORME DE GEL</b><br/>[72] HUBNER, FRED NICK, US<br/>[72] DOLAK, TERENCE MARTIN, US<br/>[72] WANG, TIAN XIANG, US<br/>[72] JOSHI, VIJAY KUMAR, US<br/>[72] SHALOTSKY, CHARLES GEORGE, US<br/>[71] REVLON CONSUMER PRODUCTS CORPORATION, US<br/>[85] 2000-12-06<br/>[86] 1999-06-02 (PCT/US99/12139)<br/>[87] 1999-12-16 (WO99/63951)<br/>[30] US (60/088,713) 1998-06-10<br/>[30] US (09/215,781) 1998-12-18</p> |

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[21] **2,334,532**  
[13] A1  
[51] **Int.Cl. 6D21H 17/28 6D21H 21/18 6D21H 23/76**  
[25] EN  
[54] **A PROCESS FOR MAKING PAPER**  
[54] **PROCEDE DE FABRICATION DU PAPIER**  
[72] HENDRIKS, JAN, NL  
[72] TERPSTRA, JACOB, NL  
[71] COOPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DERIVA, NL  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/NL99/00351)  
[87] 1999-12-16 (WO99/64677)  
[30] EP (98201943.2) 1998-06-10

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[21] **2,334,533**  
[13] A1  
[51] **Int.Cl. 6C08L 23/16 6C08L 23/26**  
[25] EN  
[54] **POLYPROPYLENE THERMOPLASTIC ELASTOMER COMPOSITIONS HAVING IMPROVED PROCESSING PROPERTIES AND PHYSICAL PROPERTY BALANCE**  
[54] **COMPOSITIONS ELASTOMERES THERMOPLASTIQUES ET POLYPROPYLENIQUES POSSEDANT DES APTITUDES AU TRAITEMENT AMELIOREES ET DES PROPRIETES PHYSIQUES EQUILIBREES**  
[72] ELLUL, MARIA D., US  
[72] WANG, YU FENG, US  
[72] MEKA, PRASADARAO, US  
[72] WANG, KANG-BO, US  
[71] EXXON CHEMICAL PATENTS, INC., US  
[71] **ADVANCED ELASTOMER SYSTEMS, L.P., US**  
[85] 2000-12-06  
[86] 1999-05-13 (PCT/US99/10569)  
[87] 1999-12-16 (WO99/64510)  
[30] US (09/093,477) 1998-06-08

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[21] **2,334,534**  
[13] A1  
[51] **Int.Cl. 6A61K 6/083**  
[25] EN  
[54] **DENTAL RESTORATIVES**  
[54] **PRODUITS POUR RESTAURATION DENTAIRE**  
[72] HOLMES, BRIAN N., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-12-05  
[86] 1999-01-12 (PCT/US99/00688)  
[87] 1999-12-29 (WO99/66880)  
[30] US (09/102,129) 1998-06-22

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[21] **2,334,535**  
[13] A1  
[51] **Int.Cl. 6A61B 5/0408**  
[25] EN  
[54] **ELECTRODE FOR MEASURING ELECTROPHYSIOLOGICAL SIGNALS USING LIQUID ELECTROLYTIC GEL WITH A HIGH SALT CONCENTRATION**  
[54] **ELECTRODE DE MESURE DE SIGNAUX ELECTROPHYSIOLOGIQUES AU MOYEN D'UN GEL ELECTROLYTIQUE LIQUIDE A FORTE TENEUR EN SEL**  
[72] CORDERO, RAFAEL M., US  
[72] DEVLIN, PHILIP H., US  
[71] ASPECT MEDICAL SYSTEMS, INC., US  
[85] 2000-12-05  
[86] 1999-06-18 (PCT/US99/13849)  
[87] 1999-12-23 (WO99/65389)  
[30] US (09/100,290) 1998-06-19

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[21] **2,334,537**  
[13] A1  
[51] **Int.Cl. 6G01H 13/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING A FREQUENCY AT WHICH A RESONATOR RESONATES**  
[54] **PROCEDE ET APPAREIL DE DETERMINATION DE LA FREQUENCE A LAQUELLE RESONNE UN RESONATEUR**  
[72] HUMPHREY, FRANCIS ALAN, GB  
[72] PRICE, BARRY LEONARD, GB  
[72] BYRNE, DAVID, GB  
[71] LATTICE INTELLECTUAL PROPERTY LTD, GB  
[85] 2000-12-06  
[86] 1999-06-17 (PCT/GB99/01927)  
[87] 1999-12-29 (WO99/67608)  
[30] GB (9813514.8) 1998-06-24

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[21] **2,334,539**  
[13] A1  
[51] **Int.Cl. 6A63B 65/08 6F41B 7/00**  
[25] EN  
[54] **BOOMERANG AND LAUNCHER**  
[54] **BOOMERANG ET DISPOSITIF DE LANCEMENT**  
[72] BEN-HADOR, DAVID, IL  
[71] BEN-HADOR, DAVID, IL  
[85] 2000-12-05  
[86] 1999-06-03 (PCT/IL99/00297)  
[87] 1999-12-16 (WO99/64118)  
[30] IL (124788) 1998-06-07

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[21] **2,334,540**  
[13] A1  
[51] **Int.Cl. 7C08G 8/34 7C09D 11/10**  
[25] EN  
[54] **PROCESS FOR PRODUCING PHENOL-MODIFIED ROSIN ESTER, PHENOL-MODIFIED ROSIN ESTER, AND USES THEREOF**  
[54] **PROCEDE DE PRODUCTION D'ESTER DE COLOPHANE MODIFIE PAR UN PHENOL, ESTER DE COLOPHANE MODIFIE PAR UN PHENOL ET UTILISATIONS CORRESPONDANTES**  
[72] TOMA, ITSUKI, JP  
[72] SANO, YOSHIKAZU, JP  
[71] ARAKAWA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-12-06  
[86] 2000-05-02 (PCT/JP00/02918)  
[87] 2000-11-16 (WO00/68289)  
[30] JP (11/127983) 1999-05-10

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[21] **2,334,541**  
[13] A1  
[51] **Int.Cl. 6H05K 9/00**  
[25] EN  
[54] **CARD PANEL HAVING A BRACKET WITH INTEGRALLY FORMED TRACK FOR AN EMI REDUCTION SPRING**  
[54] **PANNEAU A CARTES COMPORTANT UN SUPPORT A TRACE INTEGRE DESTINE A UN RESSORT DE REDUCTION D'INTERFERENCE ELECTROMAGNETIQUE (EMI)**  
[72] SORRENTINO, GREGORY L., US  
[71] GENERAL DATACOMM, INC., US  
[85] 2000-12-05  
[86] 1999-06-18 (PCT/US99/13815)  
[87] 1999-12-23 (WO99/66777)  
[30] US (09/099,790) 1998-06-18

## PCT Applications Entering the National Phase

[21] **2,334,542**  
[13] A1

[51] **Int.Cl. 6H04J 14/02**  
[25] EN  
[54] **METHOD AND DEVICE FOR DROPPING OPTICAL CHANNELS IN AN OPTICAL TRANSMISSION SYSTEM**  
[54] **PROCEDE ET DISPOSITIF DE DERIVATION DE CANAUX OPTIQUES DANS UN SYSTEME DE TRANSMISSION OPTIQUE**  
[72] MELI, FAUSTO, IT  
[72] BAROZZI, GIANPAOLO, IT  
[72] AINA, STEFANO, IT  
[71] OPTICAL TECHNOLOGIES U.S.A. CORP., US  
[85] 2000-12-06  
[86] 1999-06-07 (PCT/EP99/03915)  
[87] 1999-12-16 (WO99/65174)  
[30] EP (98110594.3) 1998-06-09  
[30] US (60/089,285) 1998-06-15

[21] **2,334,543**  
[13] A1

[51] **Int.Cl. 6A61B 17/00**  
[25] EN  
[54] **DEVICE FOR PREPARING A SPACE BETWEEN ADJACENT VERTEBRAE TO RECEIVE AN INSERT**  
[54] **DISPOSITIF DE PREPARATION D'UN ESPACE ENTRE DES VERTEBRES CONTIGUES DESTINE A LOGER UNE PIECE RAPPORTEE**  
[72] MICHELSON, GARY KARLIN, US  
[72] MICHELSON, GARY, K., US  
[71] MICHELSON, GARY KARLIN, US  
[85] 2000-12-05  
[86] 1999-06-09 (PCT/US99/12890)  
[87] 1999-12-16 (WO99/63891)  
[30] US (09/094,036) 1998-06-09

[21] **2,334,545**  
[13] A1

[51] **Int.Cl. 6A61K 31/00 6A61K 31/135 6A61K 31/19 6A61K 31/195 6A61K 31/455**  
[25] EN  
[54] **TREATMENT OF ANTI-ESTROGEN RESISTANT BREAST CANCER USING RXR MODULATORS**  
[54] **TRAITEMENT DU CANCER DU SEIN RESISTANT AUX ANTI-OESTROGENES AVEC DES MODULATEURS DE RXR**  
[72] LAMPH, WILLIAM W., US  
[72] HEYMAN, RICHARD A., US  
[72] BISCHOFF, ERIC D., US  
[71] LIGAND PHARMACEUTICALS INCORPORATED, US  
[85] 2000-12-05  
[86] 1999-06-09 (PCT/US99/12903)  
[87] 1999-12-16 (WO99/63980)  
[30] US (60/089,104) 1998-06-12  
[30] US (09/327,117) 1999-06-07

[21] **2,334,547**  
[13] A1

[51] **Int.Cl. 7C04B 35/58 7F27D 3/12 7F27B 9/24**  
[25] EN  
[54] **CERAMIC AND PROCESS FOR THE CONTINUOUS SINTERING THEREOF**  
[54] **CERAMIQUE ET SON PROCEDE DE FRITTAGE EN CONTINU**  
[72] YECKLEY, RUSSELL L., US  
[71] KENNAMETAL INC., US  
[85] 2000-12-05  
[86] 1999-06-23 (PCT/US99/14231)  
[87] 2000-01-20 (WO00/02829)  
[30] US (09/112,639) 1998-07-09

[21] **2,334,548**  
[13] A1

[51] **Int.Cl. 6B32B 31/20 6B32B 5/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING ARTICLES HAVING BRISTLES**  
[54] **PROCEDE ET APPAREIL POUR FABRIQUER DES ARTICLES POURVUS DE POILS**  
[72] EDWARDS, MARK STEPHEN, US  
[72] CHAMBERS, JEFFREY ALLEN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/US99/11790)  
[87] 1999-12-09 (WO99/62711)  
[30] US (09/092,092) 1998-06-05

[21] **2,334,550**  
[13] A1

[51] **Int.Cl. 6A61K 31/485 6A61K 38/11 6A61K 38/12 6A61K 31/40 6A61K 31/405 6A61K 31/47 6A61K 31/48 6A61K 31/505 6A61K 31/565**  
[25] EN  
[54] **METHOD AND COMPOSITIONS FOR THE TREATMENT OR AMELIORATION OF FEMALE SEXUAL DYSFUNCTION**  
[54] **PROCEDE ET COMPOSITIONS POUR LE TRAITEMENT OU L'AMELIORATION DES DYSFONCTIONNEMENTS SEXUELS DE LA FEMME**  
[72] HEATON, JEREMY P.W., CA  
[72] ADAMS, MICHAEL A., CA  
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA  
[85] 2000-12-06  
[86] 1999-06-21 (PCT/CA99/00567)  
[87] 1999-12-29 (WO99/66909)  
[30] US (09/102,987) 1998-06-22

[21] **2,334,551**  
[13] A1

[51] **Int.Cl. 6A61K 31/47 6C07D 471/04 6C07D 401/12 6C07D 217/26 6A61K 31/445**  
[25] EN  
[54] **SPIROPIPERIDINE DERIVATIVES AS MELANOCORTIN RECEPTOR AGONISTS**  
[54] **DERIVES DE SPIROPIPERIDINE EN TANT QU'AGONISTES DES RECEPTEURS DE LA MELANOCORTINE**  
[72] VAN DER PLOEG, LEONARDUS H. T., US  
[72] PATCHETT, ARTHUR A., US  
[72] NARGUND, RAVI P., US  
[72] PALUCKI, BRENDA L., US  
[72] YE, ZHIXIONG, US  
[72] BAKSHI, RAMAN K., US  
[71] MERCK & CO., INC., US  
[85] 2000-12-05  
[86] 1999-06-10 (PCT/US99/13252)  
[87] 1999-12-16 (WO99/64002)  
[30] US (60/088,908) 1998-06-11  
[30] GB (9817179.6) 1998-08-06  
[30] US (60/123,260) 1999-03-08

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| <p style="text-align: center;">[21] <b>2,334,553</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65D 33/16 6B65D 33/00</b><br/>[25] EN<br/>[54] <b>CARRIER BAG WITH CLOSURE ELEMENT</b><br/>[54] <b>SAC DE TRANSPORT A ELEMENT DE FERMETURE</b><br/>[72] MACDONALD, KAREN F., US<br/>[72] DOTTERMAN, PERRY S., US<br/>[72] KELLER, JANET T., US<br/>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US<br/>[85] 2000-12-06<br/>[86] 1999-01-06 (PCT/US99/00223)<br/>[87] 2000-01-06 (WO00/00402)<br/>[30] US (09/105,322) 1998-06-26</p>        | <p style="text-align: center;">[21] <b>2,334,571</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 5E01C 5/00</b><br/>[25] EN<br/>[54] <b>PAVING BLOCK</b><br/>[54] <b>BLOC DE PAVAGE</b><br/>[72] HART, PETER, GB<br/>[71] FORMPAVE LIMITED, GB<br/>[85] 2000-12-07<br/>[86] 1999-06-10 (PCT/GB99/01844)<br/>[87] 1999-12-16 (WO99/64680)<br/>[30] GB (9812462.1) 1998-06-11<br/>[30] GB (9817498.0) 1998-08-12</p>  | <p style="text-align: center;">[21] <b>2,334,574</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16H 1/16 6F16H 57/02 6E05F 15/16</b><br/>[25] EN<br/>[54] <b>GEAR HOUSING</b><br/>[54] <b>BOITE DE VITESSES</b><br/>[72] EVANS, DALE M., US<br/>[71] PRECISION PRODUCTS SYSTEMS, LLC, US<br/>[85] 2000-12-07<br/>[86] 1999-05-25 (PCT/US99/11479)<br/>[87] 1999-12-16 (WO99/64766)<br/>[30] US (09/095,736) 1998-06-11</p>  |
| <p style="text-align: center;">[21] <b>2,334,555</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65D 33/16 6B65D 33/00</b><br/>[25] EN<br/>[54] <b>GIFT PACKAGE</b><br/>[54] <b>PAQUET-CADEAU</b><br/>[72] MACDONALD, KAREN F., US<br/>[72] KELLER, JANET T., US<br/>[72] DOTTERMAN, PERRY S., US<br/>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US<br/>[85] 2000-12-06<br/>[86] 1999-01-06 (PCT/US99/00224)<br/>[87] 2000-01-06 (WO00/00403)<br/>[30] US (09/105,616) 1998-06-26</p>  | <p style="text-align: center;">[21] <b>2,334,572</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D21D 5/16</b><br/>[25] EN<br/>[54] <b>SCREEN CYLINDER STRESS CONCENTRATION RELIEF</b><br/>[54] <b>RELAXATION DE LA CONCENTRATION DES CONTRAINTES DANS UN CYLINDRE TAMISEUR</b><br/>[72] TURCOTTE, SERGE, CA<br/>[71] CAE SCREENPLATES INC., CA<br/>[85] 2000-12-07<br/>[86] 1999-06-08 (PCT/CA99/00533)<br/>[87] 1999-12-16 (WO99/64664)<br/>[30] US (60/088,369) 1998-06-08</p>  | <p style="text-align: center;">[21] <b>2,334,576</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/00</b><br/>[25] EN<br/>[54] <b>SURGICAL LASER SMOKE PLUME EVACUATOR</b><br/>[54] <b>EVACUATEUR DU PANACHE DE FUMEE PRODUIT PAR UN LASER CHIRURGICAL</b><br/>[72] KORENFELD, MICHAEL S., US<br/>[71] KORENFELD, MICHAEL S., US<br/>[85] 2000-12-06<br/>[86] 1998-10-30 (PCT/US98/23000)<br/>[87] 1999-12-29 (WO99/66843)<br/>[30] US (09/104,693) 1998-06-25</p>  |
| <p style="text-align: center;">[21] <b>2,334,569</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07C 45/62 6C07C 49/04 6C07C 41/09 6C07C 45/45</b><br/>[25] EN<br/>[54] <b>PRODUCTION OF MIBK USING CATALYTIC DISTILLATION TECHNOLOGY</b><br/>[54] <b>PRODUCTION DE MIBK AU MOYEN DE LA TECHNOLOGIE PAR DISTILLATION CATALYTIQUE</b><br/>[72] NKOSI, BONGANI, ZA<br/>[72] LAWSON, KEITH HENRY, ZA<br/>[71] CATALYTIC DISTILLATION TECHNOLOGIES, US<br/>[85] 2000-12-07<br/>[86] 1998-06-16 (PCT/US98/12780)<br/>[87] 1999-12-23 (WO99/65851)</p> | <p style="text-align: center;">[21] <b>2,334,573</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04M 7/00 6H04L 29/06 6H04M 3/50 6H04L 12/58</b><br/>[25] EN<br/>[54] <b>UNIVERSAL MESSAGING SYSTEM</b><br/>[54] <b>SYSTEME DE MESSAGERIE UNIVERSELLE</b><br/>[72] LUZESKI, NICHOLAS M., US<br/>[72] MURPHY, ALLIE A., US<br/>[72] HOMAN, JOHN L., US<br/>[72] RUSSELL, GARY PAUL, US<br/>[71] UNISYS CORPORATION, US<br/>[85] 2000-12-06<br/>[86] 1999-06-03 (PCT/US99/12318)<br/>[87] 1999-12-16 (WO99/65216)<br/>[30] US (09/094,266) 1998-06-09</p> | <p style="text-align: center;">[21] <b>2,334,577</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/565</b><br/>[25] EN<br/>[54] <b>SELECTIVE ESTROGEN RECEPTOR MODULATOR IN COMBINATION WITH DENYDROEPIANDROSTERONE (DHEA) OR ANALOGUES</b><br/>[54] <b>UTILISATIONS MEDICALES D'UN MODULATEUR DE RECEPTEUR D'OESTROGENES SELECTIF EN ASSOCIATION AVEC DES PRECURSEURS DE STEROIDES SEXUELS</b><br/>[72] LABRIE, FERNAND, CA<br/>[71] ENDORECHERCHE, INC., CA<br/>[85] 2000-12-07<br/>[86] 1999-06-10 (PCT/CA99/00538)<br/>[87] 1999-12-16 (WO99/63974)<br/>[30] US (09/096,284) 1998-06-11</p> |



## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,334,578</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B27N 3/14</b><br/>[25] EN<br/>[54] <b>METHOD FOR FORMING OF A FIBER MAT</b><br/>[54] <b>PROCEDE DE FORMATION D'UN MAT DE FIBRES</b><br/>[72] MATHIASSEN, MIKAEL, SE<br/>[72] THORBJORNSSON, SVEN-INGVAR, SE<br/>[71] VALMET FIBERTECH AB, SE<br/>[85] 2000-12-06<br/>[86] 1999-06-03 (PCT/SE99/00956)<br/>[87] 2000-01-06 (WO00/00332)<br/>[30] SE (9802306-2) 1998-06-26<br/>[30] SE (9803650-2) 1998-10-22</p>   | <p style="text-align: right;">[21] <b>2,334,582</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/86 7G01N 33/96</b><br/>[25] EN<br/>[54] <b>COAGULATION CONTROLS FOR PROTHROMBIN TIME (PT) AND ACTIVATED PARTIAL THROMBOPLASTIN TIME (APTT)</b><br/>[54] <b>REGULATEURS DE LA COAGULATION POUR DES ESSAIS PT ET APTT</b><br/>[72] HAWKINS, PAMELA L., US<br/>[71] SIGMA-ALDRICH CO., US<br/>[85] 2000-12-06<br/>[86] 1999-06-21 (PCT/US99/13974)<br/>[87] 2000-01-13 (WO00/02054)<br/>[30] US (09/108,732) 1998-07-01</p>   | <p style="text-align: right;">[21] <b>2,334,585</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E01C 19/00</b><br/>[25] EN<br/>[54] <b>DEVICE FOR DETERMINING THE CONTOUR OF A ROAD SURFACE</b><br/>[54] <b>DISPOSITIF PERMETTANT DE DETERMINER LE CONTOUR D'UNE SURFACE DE ROUTE</b><br/>[72] MENNINK, JAN, NL<br/>[71] ROAD WARE B.V., NL<br/>[85] 2000-12-07<br/>[86] 1999-06-03 (PCT/NL99/00346)<br/>[87] 1999-12-16 (WO99/64681)<br/>[30] NL (1009364) 1998-06-10</p> |
| <p style="text-align: right;">[21] <b>2,334,579</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07C 237/06 6E01F 9/04 6C07D 295/185 6C08G 18/38</b><br/>[25] EN<br/>[54] <b>SECONDARY ASPARTIC ACID AMIDE ESTERS</b><br/>[54] <b>ESTERS D'AMIDES SECONDAIRES D'ACIDE ASPARTIQUE</b><br/>[72] HANSEN, RICHARD G., US<br/>[72] PURGETT, MARK D., US<br/>[72] MOREN, DEAN M., US<br/>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US<br/>[85] 2000-12-06<br/>[86] 1999-03-29 (PCT/US99/06788)<br/>[87] 2000-01-13 (WO00/01665)<br/>[30] US (09/109,588) 1998-07-02</p> | <p style="text-align: right;">[21] <b>2,334,583</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B29C 67/20 6C09K 5/00 6C01B 31/02 6B32B 3/26</b><br/>[25] EN<br/>[54] <b>PITCH-BASED CARBON FOAM HEAT SINK WITH PHASE CHANGE MATERIAL</b><br/>[54] <b>PUITS THERMIQUE EN MOUSSE DE CARBONE A BASE DE POIX AVEC MATERIAU A CHANGEMENT DE PHASE</b><br/>[72] BURCHELL, TIMOTHY D., US<br/>[72] KLETT, JAMES W., US<br/>[71] UT-BATTELLE, LLC, US<br/>[85] 2000-12-07<br/>[86] 1999-04-02 (PCT/US99/07339)<br/>[87] 1999-12-16 (WO99/64223)<br/>[30] US (09/093,406) 1998-06-08</p> | <p style="text-align: right;">[21] <b>2,334,586</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B24D 9/10</b><br/>[25] EN<br/>[54] <b>PNEUMATIC HAND GRINDING TOOL</b><br/>[54] <b>OUTIL DE RECTIFICATION A MAIN, PNEUMATIQUE</b><br/>[72] SANDELL, TORSTEN, SE<br/>[71] EKAMANT AB, SE<br/>[85] 2000-12-06<br/>[86] 1999-04-23 (PCT/SE99/00660)<br/>[87] 1999-12-29 (WO99/67057)<br/>[30] SE (9802220-5) 1998-06-23</p>   |
| <p style="text-align: right;">[21] <b>2,334,580</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/535</b><br/>[25] EN<br/>[54] <b>USE OF A NK-1 RECEPTOR ANTAGONIST FOR TREATING BIPOLAR DISORDERS</b><br/>[54] <b>UTILISATION D'UN ANTAGONISTE DU RECEPTEUR NK-1 POUR LE TRAITEMENT DE TROUBLES BIPOLAIRES</b><br/>[72] RUPNIAK, NADIA MELANIE, GB<br/>[71] MERCK SHARP &amp; DOHME LIMITED, GB<br/>[85] 2000-12-07<br/>[86] 1999-06-08 (PCT/GB99/01804)<br/>[87] 1999-12-16 (WO99/64007)<br/>[30] GB (9812617.0) 1998-06-11</p>                                  | <p style="text-align: right;">[21] <b>2,334,584</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B01D 35/00 6B01D 29/05</b><br/>[25] EN<br/>[54] <b>FILTRATION AND EXTRACTION DEVICE AND METHOD OF USING THE SAME</b><br/>[54] <b>DISPOSITIF DE FILTRATION ET D'EXTRACTION, ET MODE D'UTILISATION ASSOCIE</b><br/>[72] CROSBY, MARK A., US<br/>[71] BIOSTAR, INC., US<br/>[85] 2000-12-06<br/>[86] 1999-06-21 (PCT/US99/14286)<br/>[87] 2000-01-06 (WO00/00265)<br/>[30] US (09/105,309) 1998-06-26</p>   | <p style="text-align: right;">[21] <b>2,334,587</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65B 61/06 6B26D 7/01 6B26D 1/04</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR SPLITTING ARTICLES</b><br/>[54] <b>PROCEDE ET APPAREIL DE DIVISION DE PARTICULES</b><br/>[72] GUZOWSKI, JACEK, US<br/>[71] GENENTECH, INC., US<br/>[85] 2000-12-06<br/>[86] 1999-06-07 (PCT/US99/12670)<br/>[87] 1999-12-23 (WO99/65777)<br/>[30] US (09/098,735) 1998-06-18</p>     |

## Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] <b>2,334,590</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61M 15/00</b><br/>[25] EN<br/>[54] <b>METERING, PACKAGING AND DELIVERY OF PHARMACEUTICALS AND DRUGS</b><br/>[54] <b>DOSAGE, EMBALLAGE ET ADMINISTRATION DE SUBSTANCES PHARMACEUTIQUES ET DE MEDICAMENTS</b><br/>[72] ABRAMS, ANDREW L., US<br/>[72] GUMASTE, ANAND V., US<br/>[72] FLEMING, SCOTT, US<br/>[71] MICRODOSE TECHNOLOGIES, INC., US<br/>[85] 2000-12-07<br/>[86] 1999-06-14 (PCT/US99/13420)<br/>[87] 1999-12-16 (WO99/64095)<br/>[30] US (09/097,104) 1998-06-12<br/>[30] US (09/097,105) 1998-06-12<br/>[30] US (09/097,106) 1998-06-12</p> | <p style="text-align: right;">[21] <b>2,334,593</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65D 83/16</b><br/>[25] EN<br/>[54] <b>AEROSOL POWDER VALVE</b><br/>[54] <b>VALVE A POUDRE EN AEROSOL</b><br/>[72] BAYER, CHRISTIAN, US<br/>[71] PRECISION VALVE CORPORATION, US<br/>[85] 2000-12-06<br/>[86] 1999-05-20 (PCT/US99/11256)<br/>[87] 1999-12-16 (WO99/64321)<br/>[30] US (09/093,811) 1998-06-09</p>   | <p style="text-align: right;">[21] <b>2,334,598</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07H 23/00 6A61K 47/48 6A61K 31/68</b><br/>[25] EN<br/>[54] <b>VITAMIN B12 DERIVATIVES AND METHODS FOR THEIR PREPARATION</b><br/>[54] <b>DERIVES DE VITAMINE B12 ET LEURS METHODES DE PREPARATION</b><br/>[72] RUSSELL-JONES, GREG, AU<br/>[72] MCEWAN, JOHN, AU<br/>[71] BIOTECH AUSTRALIA PTY. LIMITED, AU<br/>[85] 2000-12-06<br/>[86] 1999-06-11 (PCT/AU99/00462)<br/>[87] 1999-12-23 (WO99/65930)<br/>[30] AU (PP 4050) 1998-06-12</p>  |
| <p style="text-align: right;">[21] <b>2,334,591</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H05B 33/08</b><br/>[25] EN<br/>[54] <b>ELECTRONIC CONTROL CIRCUIT</b><br/>[54] <b>CIRCUIT DE COMMANDE ELECTRONIQUE</b><br/>[72] PIENISAARI, HEIKKI, FI<br/>[71] INNOWARE OY, FI<br/>[85] 2000-12-06<br/>[86] 1999-06-10 (PCT/FI99/00509)<br/>[87] 1999-12-16 (WO99/65280)<br/>[30] FI (981351) 1998-06-11</p>  | <p style="text-align: right;">[21] <b>2,334,596</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B05D 1/18 6B05D 3/10 6B05D 1/36</b><br/>[25] EN<br/>[54] <b>MANUFACTURING PROCESS FOR NONCONTINUOUS GALVANIZATION WITH ZINC-ALUMINUM ALLOYS OVER METALLIC MANUFACTURED PRODUCTS</b><br/>[54] <b>PROCEDE DE GALVANISATION DISCONTINUE PAR ALLIAGE DE ZINC ET D'ALUMINIUM SUR DES PRODUITS METALLIQUES MANUFACTURES</b><br/>[72] CECCHINI, MICHELE, IT<br/>[72] MEMMI, MASSIMO, IT<br/>[72] BREVAGLIERI, BRUNO, IT<br/>[72] NATALI, STEFANO, IT<br/>[71] INTERNATIONAL LEAD ZINC RESEARCH ORGANIZATION, INC., US<br/>[85] 2000-12-06<br/>[86] 1999-06-08 (PCT/US99/12867)<br/>[87] 1999-12-16 (WO99/64168)<br/>[30] US (60/088,555) 1998-06-09<br/>[30] US (09/138,049) 1998-08-21</p> | <p style="text-align: right;">[21] <b>2,334,599</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C01B 13/14 6C01G 39/00 6B01J 23/00 6C01F 7/02</b><br/>[25] EN<br/>[54] <b>NOVEL AMMONIUM OCTAMOLYBDATE COMPOSITION AND METHOD FOR PRODUCING THE SAME</b><br/>[54] <b>NOUVELLE COMPOSITION D'OCTAMOLYBDATE D'AMMONIUM ET PROCEDE DE PRODUCTION DE LADITE COMPOSITION</b><br/>[72] KHAN, MOHAMED H., US<br/>[72] COLE, JAMES A., US<br/>[72] BRUHL, TIMOTHY G., US<br/>[72] ELDER, WENDELL S., US<br/>[72] WAGH, VIJAYKUMAR M., US<br/>[72] GLASGOW, GARY A., US<br/>[71] CYPRUS AMAX MINERALS COMPANY, US<br/>[85] 2000-12-06<br/>[86] 1999-06-08 (PCT/US99/12856)<br/>[87] 1999-12-16 (WO99/64349)<br/>[30] US (09/094,194) 1998-06-09</p> |
| <p style="text-align: right;">[21] <b>2,334,592</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B23P 11/00 6B25B 17/00</b><br/>[25] EN<br/>[54] <b>JACKBOLTS FOR MULTI JACKBOLT TENSIONERS</b><br/>[54] <b>VIS VERIN POUR TENDEUR A VIS VERINS MULTIPLES</b><br/>[72] STEINBOCK, ROLF H., US<br/>[71] STEINBOCK MACHINERY CO., US<br/>[85] 2000-12-06<br/>[86] 1999-06-10 (PCT/US99/13260)<br/>[87] 1999-12-16 (WO99/64201)<br/>[30] US (09/095,233) 1998-06-10<br/>[30] US (09/290,795) 1999-04-13</p>  | <p style="text-align: right;">[21] <b>2,334,597</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 9/00</b><br/>[25] EN<br/>[54] <b>LEAK-RESISTANT CRYPTOGRAPHIC INDEXED KEY UPDATE</b><br/>[54] <b>MISE A JOUR A CLE DE CHIFFRAGE INDEXEE A RESISTANCE DE FUITE</b><br/>[72] KOCHER, PAUL C., US<br/>[71] CRYPTOGRAPHY RESEARCH, INC., US<br/>[85] 2000-12-06<br/>[86] 1999-07-02 (PCT/US99/15146)<br/>[87] 2000-01-13 (WO00/02342)<br/>[30] US (60/091,644) 1998-07-02</p>   | <p style="text-align: right;">[21] <b>2,334,601</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B43K 5/18 6B43K 7/10</b><br/>[25] EN<br/>[54] <b>MICROSTRUCTURE LIQUID DISPENSER</b><br/>[54] <b>DISTRIBUTEUR DE LIQUIDES A MICROSTRUCTURES</b><br/>[72] JOHNSTON, RAYMOND P., US<br/>[72] INSLEY, THOMAS I., US<br/>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US<br/>[85] 2000-12-06<br/>[86] 1999-02-09 (PCT/US99/02647)<br/>[87] 1999-12-23 (WO99/65704)<br/>[30] US (09/099,555) 1998-06-18</p>   |

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| <p style="text-align: center;">[21] <b>2,334,602</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B01D 25/00 6B01D 29/00 6B01D 63/06 6B01D 63/08 6B01D 29/11 6B01D 35/15</b></p> <p>[25] EN</p> <p>[54] <b>SELF-PRIMING DIALYSIS FILTER</b></p> <p>[54] <b>FILTRE DE DIALYSE A AMORCAGE AUTOMATIQUE</b></p> <p>[72] HAIGHT, LEVOY G., US</p> <p>[71] SORENSON DEVELOPMENT, INC., US</p> <p>[85] 2000-12-06</p> <p>[86] 1999-08-26 (PCT/US99/19579)</p> <p>[87] 2000-03-09 (WO00/12193)</p> <p>[30] US (60/098,318) 1998-08-28</p>  | <p style="text-align: center;">[21] <b>2,334,618</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A01N 47/44</b></p> <p>[25] EN</p> <p>[54] <b>AGENTS FOR COMBATING PLANT PESTS</b></p> <p>[54] <b>AGENTS POUR LUTTER CONTRE DES PARASITES DE VEGETAUX</b></p> <p>[72] ANDERSCH, WOLFRAM, DE</p> <p>[72] ERDELEN, CHRISTOPH, DE</p> <p>[72] STENZEL, KLAUS, DE</p> <p>[72] MAULER-MACHNIK, ASTRID, DE</p> <p>[72] KRAMER, WOLFGANG, DE</p> <p>[71] BAYER AKTIENGESELLSCHAFT, DE</p> <p>[85] 2000-12-07</p> <p>[86] 1999-05-29 (PCT/EP99/03739)</p> <p>[87] 1999-12-16 (WO99/63826)</p> <p>[30] DE (198 25 891.7) 1998-06-10</p> <p>[30] DE (198 29 113.2) 1998-06-30</p> | <p style="text-align: center;">[21] <b>2,334,621</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 35/78 7A01N 65/00</b></p> <p>[25] EN</p> <p>[54] <b>COMPOSITION AND METHOD FOR TREATMENT OF INFLAMMATION AND PAIN IN MAMMALS</b></p> <p>[54] <b>COMPOSITION ET PROCEDE DESTINES AU TRAITEMENT DE L'INFLAMMATION ET DES DOULEURS CHEZ LES MAMMIFERES</b></p> <p>[72] HELLER, LYRA, US</p> <p>[72] KRUMHAR, KIM CARLETON, US</p> <p>[71] METAGENICS, INC., US</p> <p>[85] 2000-12-07</p> <p>[86] 2000-04-10 (PCT/US00/09530)</p> <p>[87] 2000-10-12 (WO00/59523)</p> <p>[30] US (09/288,192) 1999-04-08</p> <p>[30] US (09/519,527) 2000-03-06</p> |
| <p style="text-align: center;">[21] <b>2,334,603</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02B 1/11 6C08J 7/04</b></p> <p>[25] EN</p> <p>[54] <b>LOW REFLECTIVE FILMS</b></p> <p>[54] <b>FILMS A FAIBLE POUVOIR REFLECHISSANT</b></p> <p>[72] BARTH, STEVEN A., US</p> <p>[72] WARD, RICHARD J., GB</p> <p>[72] PORT, ANTHONY B., GB</p> <p>[72] PACKER, ELIZABETH J., GB</p> <p>[72] PARNANDI, ARAVINDA, GB</p> <p>[72] PORTER, SIMON J., US</p> <p>[72] ENNISS, JAMES P., US</p> <p>[71] COURTAULDS PERFORMANCE FILMS INC., US</p> <p>[85] 2000-12-06</p> <p>[86] 1999-06-09 (PCT/US99/12889)</p> <p>[87] 1999-12-16 (WO99/64899)</p> <p>[30] US (09/095,010) 1998-06-10</p> | <p style="text-align: center;">[21] <b>2,334,619</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7B01L 7/00</b></p> <p>[25] EN</p> <p>[54] <b>RAPID HEAT BLOCK THERMOCYCLER</b></p> <p>[54] <b>THERMOCYCLEUR RAPIDE A ENCEINTE CHAUFFANTE</b></p> <p>[72] TRETIKOV, ALEXANDRE, DE</p> <p>[72] SALUZ, HANS-PETER, DE</p> <p>[71] HANS-KNOLL-INSTITUT FUR NATURSTOFF-FORSCHUNG E.V., DE</p> <p>[85] 2000-12-07</p> <p>[86] 2000-04-05 (PCT/EP00/03224)</p> <p>[87] 2000-10-19 (WO00/61797)</p> <p>[30] EP (99106900.6) 1999-04-08</p>   | <p style="text-align: center;">[21] <b>2,334,622</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65D 33/16 6B65D 33/00</b></p> <p>[25] EN</p> <p>[54] <b>GIFT PACKAGE</b></p> <p>[54] <b>PAQUET CADEAU</b></p> <p>[72] DOTTERMAN, PERRY S., US</p> <p>[72] KELLER, JANET T., US</p> <p>[72] MACDONALD, KAREN F., US</p> <p>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US</p> <p>[85] 2000-12-07</p> <p>[86] 1999-03-02 (PCT/US99/04875)</p> <p>[87] 2000-01-06 (WO00/00404)</p> <p>[30] US (09/105,370) 1998-06-26</p>  |
| <p style="text-align: center;">[21] <b>2,334,616</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/30</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND SYSTEM FOR RETRIEVING RELEVANT DOCUMENTS FROM A DATABASE</b></p> <p>[54] <b>PROCEDE ET SYSTEME POUR L'EXTRACTION DE DOCUMENTS PERTINENTS D'UNE BASE DE DONNEES</b></p> <p>[72] KAUFMAN, ILIA, CA</p> <p>[71] KAUFMAN CONSULTING SERVICES LTD., CA</p> <p>[85] 2000-12-07</p> <p>[86] 1999-06-07 (PCT/CA99/00531)</p> <p>[87] 1999-12-16 (WO99/64964)</p> <p>[30] US (60/088,483) 1998-06-08</p>  | <p style="text-align: center;">[21] <b>2,334,620</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06K 9/00</b></p> <p>[25] EN</p> <p>[54] <b>IRRADIATED IMAGES DESCRIBED BY ELECTRICAL CONTACT</b></p> <p>[54] <b>IMAGES IRRADIEES DECRITES PAR CONTACT ELECTRIQUE</b></p> <p>[72] BURROWS, KENNETH, US</p> <p>[72] FORD, STUART J., US</p> <p>[71] E.L. SPECIALISTS, INC., US</p> <p>[85] 2000-12-07</p> <p>[86] 1999-06-08 (PCT/US99/12765)</p> <p>[87] 1999-12-16 (WO99/64981)</p> <p>[30] US (09/093,549) 1998-06-08</p>  | <p style="text-align: center;">[21] <b>2,334,623</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/16</b></p> <p>[25] EN</p> <p>[54] <b>CLEAR DENTRIFRICE GELS</b></p> <p>[54] <b>GELS DENTIFRICE TRANSPARENTS</b></p> <p>[72] DAY, TREVOR NEIL, GB</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 2000-12-07</p> <p>[86] 1999-06-11 (PCT/US99/13011)</p> <p>[87] 1999-12-16 (WO99/63960)</p> <p>[30] GB (9812820.0) 1998-06-12</p>   |

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[21] **2,334,624**  
[13] A1  
[51] **Int.Cl. 6C09C 1/50**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR PRODUCING CARBON BLACKS**  
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE NOIRS DE CARBONE**  
[72] GREEN, MARTIN C., US  
[71] CABOT CORPORATION, US  
[85] 2000-12-07  
[86] 1999-06-09 (PCT/US99/13042)  
[87] 1999-12-16 (WO99/64522)  
[30] US (60/088,620) 1998-06-09

[21] **2,334,625**  
[13] A1  
[51] **Int.Cl. 6A61K 35/78**  
[25] EN  
[54] **EXTRACTS OF HYPERICUM PERFORATUM AND FORMULATIONS CONTAINING THEM**  
[54] **EXTRAITS D'HYPERICUM PERFORATUM ET FORMULATIONS LES CONTENANT**  
[72] MORAZZONI, PAOLO, IT  
[72] BOMBARDELLI, EZIO, IT  
[72] GABETTA, BRUNO, IT  
[71] INDENA S.P.A., IT  
[85] 2000-12-07  
[86] 1999-06-04 (PCT/EP99/03881)  
[87] 1999-12-16 (WO99/64027)  
[30] IT (MI98A001311) 1998-06-10

[21] **2,334,626**  
[13] A1  
[51] **Int.Cl. 6H04N 7/10 6H04N 7/14**  
[25] EN  
[54] **DATABASE FOR USE IN METHOD AND APPARATUS FOR DISPLAYING TELEVISION PROGRAMS AND RELATED TEXT**  
[54] **BASE DE DONNEES PREVUE POUR ETRE UTILISEE DANS UN PROCEDE ET UN APPAREIL POUR VISUALISER DES PROGRAMMES DE TELEVISION ET DU TEXTE CONCERNE**  
[72] YUEN, HENRY C., US  
[72] MANKOVITZ, ROY J., US  
[72] KWOH, DANIEL S., US  
[72] SCHOAFF, PETER CHRISTOPHER, US  
[72] LEUNG, ELSIE Y., US  
[71] INDEX SYSTEMS, INC., VG  
[85] 2000-12-07  
[86] 1999-06-09 (PCT/US99/13065)  
[87] 1999-12-16 (WO99/65242)  
[30] US (60/088,671) 1998-06-09

[21] **2,334,627**  
[13] A1  
[51] **Int.Cl. 7H05B 33/02 7H05K 1/03 7H05B 33/10 7H05B 33/22**  
[25] EN  
[54] **COMPOSITE SUBSTRATE, THIN FILM EL ELEMENT USING IT, AND METHOD OF PRODUCING THE SAME**  
[54] **SUBSTRAT COMPOSITE, ELEMENT ELECTROLUMINESCENT A COUCHE MINCE UTILISANT LEDIT SUBSTRAT, ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] NAGANO, KATSUTO, JP  
[72] TAKEISHI, TAKU, JP  
[72] NOMURA, TAKESHI, JP  
[72] TAKAYAMA, SUGURU, JP  
[72] NAKANO, YUKIE, JP  
[72] IWANAGA, DAISUKE, JP  
[71] TDK CORPORATION, JP  
[85] 2000-12-07  
[86] 2000-04-06 (PCT/JP00/02232)  
[87] 2000-10-19 (WO00/62582)  
[30] JP (11/99994) 1999-04-07  
[30] JP (2000/59533) 2000-03-03

[21] **2,334,628**  
[13] A1  
[51] **Int.Cl. 6B01J 19/00 6B01D 61/00 6B01D 53/04 6B01D 3/16 6B01D 53/26**  
[25] EN  
[54] **MICROCOMPONENT ASSEMBLY FOR EFFICIENT CONTACTING OF FLUID**  
[54] **ASSEMBLAGE DE MICROCOMPOSANTS POUR LA MISE EN CONTACT EFFICACE DE FLUIDE**  
[72] KURATH, DEAN E., US  
[72] HANNA, WILLIAM T., US  
[72] CALL, CHARLES J., US  
[72] FRIEDRICH, MICHELE, US  
[72] DROST, MONTE K., US  
[72] WEGENG, ROBERT S., US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 2000-12-07  
[86] 1999-06-08 (PCT/US99/12998)  
[87] 1999-12-16 (WO99/64147)  
[30] US (09/096,147) 1998-06-10

[21] **2,334,629**  
[13] A1  
[51] **Int.Cl. 6C07B 33/00 6C07D 301/12 6C07C 27/16**  
[25] EN  
[54] **OXIDATION PROCESS IN THE PRESENCE OF CARBON DIOXIDE**  
[54] **PROCEDE D'OXYDATION EN PRESENCE DE DIOXYDE DE CARBONE**  
[72] DAKKA, JIHAD, BE  
[72] GORIS, HANS KAREL THERESIA, BE  
[72] MATHYS, GEORGES MARIE KAREL, BE  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 2000-12-07  
[86] 1999-06-08 (PCT/EP99/03998)  
[87] 1999-12-16 (WO99/64376)  
[30] GB (9812235.1) 1998-06-08

[21] **2,334,630**  
[13] A1  
[51] **Int.Cl. 6H01M 8/02**  
[25] EN  
[54] **FUEL CELL GAS SEPARATOR**  
[54] **SEPARATEUR DE GAZ POUR PILE A COMBUSTIBLE**  
[72] YOSHIMURA, JOJI, JP  
[72] MIZUNO, SEIJI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2000-12-07  
[86] 1999-06-15 (PCT/JP99/03190)  
[87] 1999-12-23 (WO99/66579)  
[30] JP (10/189927) 1998-06-18

[21] **2,334,631**  
[13] A1  
[51] **Int.Cl. 6D06M 14/18**  
[25] EN  
[54] **SURFACE COATINGS**  
[54] **REVETEMENTS DE SURFACES**  
[72] COULSON, STEPHEN RICHARD, GB  
[72] BREWER, STUART ANSON, GB  
[72] BADIYAL, JAS PAL SINGH, GB  
[72] WILLIS, COLIN ROBERT, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT, GB  
[85] 2000-12-08  
[86] 1999-06-03 (PCT/GB99/01754)  
[87] 1999-12-16 (WO99/64662)  
[30] GB (9812457.1) 1998-06-10

## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,334,632</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C03B 37/02</b><br/>[25] EN<br/>[54] <b>FIN BLADE COOLER ASSEMBLY</b><br/>[54] <b>SYSTEME DE REFROIDISSEMENT A AILETTES</b><br/>[72] SRINIVASAN, SESHADRI, US<br/>[71] OWENS CORNING, US<br/>[85] 2000-12-07<br/>[86] 1999-05-18 (PCT/US99/10965)<br/>[87] 1999-12-29 (WO99/67179)<br/>[30] US (09/102,796) 1998-06-23</p>   | <p style="text-align: right;">[21] <b>2,334,635</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08B 37/00 6A23L 1/054</b><br/>[25] EN<br/>[54] <b>MODIFIED GELLAN GUM COMPOSITION PROCESS FOR PREPARATION OF SAME AND USE THEREOF</b><br/>[54] <b>PROCEDE DE PREPARATION D'UNE COMPOSITION DE GOMME GELLANE MODIFIEE ET UTILISATION DE LADITE GOMME</b><br/>[72] TALASHEK, TODD, US<br/>[72] CLARK, ROSS, US<br/>[72] CHEN, YOU-LUNG, US<br/>[72] MORRISSON, NEIL A., US<br/>[72] SWORN, GRAHAM, GB<br/>[71] MONSANTO P.L.C., GB<br/>[85] 2000-12-08<br/>[86] 1999-05-21 (PCT/EP99/03499)<br/>[87] 1999-12-16 (WO99/64468)<br/>[30] EP (98870131.4) 1998-06-10</p> | <p style="text-align: right;">[21] <b>2,334,638</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C10B 53/00 6C10B 1/10</b><br/>[25] FR<br/>[54] <b>PYROLYTIC OVEN WITH DUST EXTRACTION OF THE GAS STREAM OUTPUT RESULTING FROM PYROLYSIS</b><br/>[54] <b>FOUR DE THERMOLYSE A DEPOUSSIERAGE DE LA SORTIE DU FLUX GAZEUX RESULTANT DE LA THERMOLYSE</b><br/>[72] WILLEMEN, RENE, FR<br/>[71] THIDE ENVIRONNEMENT, FR<br/>[85] 2000-12-08<br/>[86] 1999-06-07 (PCT/FR99/01333)<br/>[87] 1999-12-16 (WO99/64539)<br/>[30] FR (98/07177) 1998-06-08</p> |
| <p style="text-align: right;">[21] <b>2,334,633</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B21F 27/16</b><br/>[25] EN<br/>[54] <b>METHOD AND MACHINE FOR THE MANUFACTURE OF METALLIC FRAMES FOR INNER SPRING MATTRESSES</b><br/>[54] <b>PROCEDE ET MACHINE DE FABRICATION DE CADRES METALLIQUES POUR MATELAS A RESSORTS</b><br/>[72] ANAGNOSTOPOULOS, P. A., GR<br/>[71] INNOVATECH INTERNATIONAL SA, GR<br/>[85] 2000-12-08<br/>[86] 2000-04-24 (PCT/GR00/00019)<br/>[87] 2000-11-02 (WO00/64610)<br/>[30] GR (990100137) 1999-04-22</p>  | <p style="text-align: right;">[21] <b>2,334,637</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C25B 15/08 7C25B 9/00</b><br/>[25] EN<br/>[54] <b>SPIRAL FEED AND DISCHARGE MANIFOLD FOR ELECTROLYTIC CELLS</b><br/>[54] <b>COLLECTEUR D'ALIMENTATION ET DE DECHARGE EN SPIRALE POUR CELLULES ELECTROLYTIQUES</b><br/>[72] NUTTER, WILLIAM A., US<br/>[72] WILHELM, ROBERT L., US<br/>[71] ELTECH SYSTEMS CORPORATION, US<br/>[85] 2000-12-08<br/>[86] 1999-08-06 (PCT/US99/17872)<br/>[87] 2000-02-24 (WO00/09781)<br/>[30] US (60/096,182) 1998-08-11<br/>[30] US (09/365,761) 1999-08-03</p>   | <p style="text-align: right;">[21] <b>2,334,639</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F23B 1/30 6F23H 13/02 6F23B 1/38</b><br/>[25] EN<br/>[54] <b>A DEVICE AND A METHOD FOR COMBUSTION</b><br/>[54] <b>APPAREIL ET PROCEDE DE COMBUSTION</b><br/>[72] LARSSON, BERTIL, SE<br/>[71] LARSSON, BERTIL, SE<br/>[85] 2000-12-08<br/>[86] 1999-06-23 (PCT/SE99/01130)<br/>[87] 2000-01-13 (WO00/01987)<br/>[30] SE (9802239-5) 1998-06-24</p>   |
| <p style="text-align: right;">[21] <b>2,334,634</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 311/84 6C07D 405/04 6C07D 407/04 6C07D 409/04 6C07D 413/04 6A61K 31/35</b><br/>[25] EN<br/>[54] <b>NOVEL BENZOPYRAN OR THIOBENZOPYRAN DERIVATIVES</b><br/>[54] <b>DERIVES DE BENZOPYRAN OU DE THIOBENZOPYRAN</b><br/>[72] KIM, JU SU, KR<br/>[72] MORIKAWA, KAZUMI, JP<br/>[72] KIM, JONG MIN, KR<br/>[72] JO, JAE CHON, KR<br/>[72] LIM, HYUN SUK, KR<br/>[72] KIM, MYUNG HWA, JP<br/>[72] NISHIMOTO, MASAHIRO, JP<br/>[72] KANBE, YOSHITAKE, JP<br/>[71] C &amp; C RESEARCH LABORATORIES, KR<br/>[85] 2000-12-07<br/>[86] 1999-06-14 (PCT/KR99/00300)<br/>[87] 1999-12-23 (WO99/65893)<br/>[30] KR (1998-22212) 1998-06-13</p> | <p style="text-align: right;">[21] <b>2,334,640</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04R 31/00</b><br/>[25] EN<br/>[54] <b>A METHOD OF MANUFACTURING A TRANSDUCER HAVING A DIAPHRAGM WITH A PREDETERMINED TENSION</b><br/>[54] <b>PROCEDE DE PRODUCTION D'UN TRANSDUCTEUR DOTE D'UNE MEMBRANE A TENSION PREDETERMINEE</b><br/>[72] MULLENBORN, MATTHIAS, DK<br/>[72] ROMBACH, PIRMIN, DK<br/>[71] MICROTRONIC A/S, DK<br/>[85] 2000-12-08<br/>[86] 1999-06-10 (PCT/DK99/00315)<br/>[87] 1999-12-16 (WO99/65277)<br/>[30] DK (PA 1998 00791) 1998-06-11</p>  |  |

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|---|---|---|
| <p style="text-align: right;">[21] <b>2,334,641</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G05B 19/042 6G05B 19/05</b><br/>[25] EN<br/>[54] <b>CONTROL DEVICE FOR A MACHINE, SYSTEM, OR APPARATUS AND A METHOD FOR MONITORING A CONTROL</b><br/>[54] <b>DISPOSITIF DE COMMANDE POUR UNE MACHINE, UNE INSTALLATION OU UN APPAREIL, ET PROCEDE DE SURVEILLANCE D'UNE COMMANDE</b><br/>[72] ZEILINGER, REINHOLD, DE<br/>[71] SIEMENS AKTIENGESELLSCHAFT, DE<br/>[85] 2000-12-08<br/>[86] 1999-06-10 (PCT/DE99/01695)<br/>[87] 1999-12-16 (WO99/64938)<br/>[30] DE (198 25 974.3) 1998-06-10</p> | <p style="text-align: right;">[21] <b>2,334,645</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/66 6A61K 45/06 6A61K 31/365</b><br/>[25] EN<br/>[54] <b>COMBINED PREPARATION OF ANTI-INFECTIOUSLY ACTIVE COMPOUNDS WHICH INHIBIT THE 2-C-METHYLERYTHROSE-4 METABOLIC PATHWAY, AND INHIBITORS OF LIPID METABOLISM</b><br/>[54] <b>PREPARATION COMBINEE DE COMPOSES A ACTION ANTI-INFECTIEUSE INHIBANT LA VOIE METABOLIQUE DE LA 2-C-METHYLERYTHROSE-4, ET INHIBITEURS DU METABOLISME LIPIDIQUE</b><br/>[72] JOMAA, HASSAN, DE<br/>[71] JOMAA, HASSAN, DE<br/>[85] 2000-12-08<br/>[86] 1999-06-23 (PCT/EP99/04360)<br/>[87] 1999-12-29 (WO99/66875)<br/>[30] DE (198 28 097.1) 1998-06-24<br/>[30] DE (198 43 279.8) 1998-09-22</p> | <p style="text-align: right;">[21] <b>2,334,655</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A46B 15/00</b><br/>[25] EN<br/>[54] <b>LIGHT INTERACTIVE TOOTHBRUSH</b><br/>[54] <b>BROSSES A DENTS LUMINEUSES INTERACTIVES</b><br/>[72] HULKE, STUART, US<br/>[72] MOSKOVICH, ROBERT, US<br/>[71] COLGATE-PALMOLIVE COMPANY, US<br/>[85] 2000-12-08<br/>[86] 1999-06-04 (PCT/US99/12464)<br/>[87] 1999-12-16 (WO99/63859)<br/>[30] US (09/093,800) 1998-06-09</p>  |
| <p style="text-align: right;">[21] <b>2,334,642</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A46B 9/04 6A46B 7/06</b><br/>[25] EN<br/>[54] <b>A TOOTHBRUSH</b><br/>[54] <b>BROSSE A DENTS</b><br/>[72] LEUERMANN, WALTER BERNARD ALBERT, AU<br/>[71] LEUERMANN, WALTER BERNARD ALBERT, AU<br/>[85] 2000-12-08<br/>[86] 1999-06-15 (PCT/AU99/00478)<br/>[87] 1999-12-23 (WO99/65359)<br/>[30] AU (PP 4090) 1998-06-12</p>   | <p style="text-align: right;">[21] <b>2,334,646</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 11/06</b><br/>[25] EN<br/>[54] <b>AN EARPLUG</b><br/>[54] <b>BOUCHON D'OREILLE</b><br/>[72] HIRSHFELD, EALLAN, IL<br/>[71] HIRSHFELD, EALLAN, IL<br/>[85] 2000-12-08<br/>[86] 1999-06-08 (PCT/IL99/00308)<br/>[87] 1999-12-16 (WO99/63918)<br/>[30] IL (124864) 1998-06-11<br/>[30] IL (128208) 1999-01-24</p>   | <p style="text-align: right;">[21] <b>2,334,656</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07H 7/04</b><br/>[25] EN<br/>[54] <b>METHOD FOR PREPARING ALOIN BY EXTRACTION</b><br/>[54] <b>PROCEDE DE PREPARATION D'ALOINE PAR EXTRACTION</b><br/>[72] COHEN, AVRAHAM, IL<br/>[71] STEBA BEHEER N.V., NL<br/>[85] 2000-12-08<br/>[86] 1999-04-28 (PCT/IB99/00771)<br/>[87] 2000-11-09 (WO00/66601)</p>  |
| <p style="text-align: right;">[21] <b>2,334,644</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B60Q 1/00</b><br/>[25] EN<br/>[54] <b>VEHICULAR HAZARD WARNING SYSTEM</b><br/>[54] <b>SYSTEME D'AVERTISSEMENT DE DANGER POUR VEHICULES</b><br/>[72] SAUL, ANDREW M., II, US<br/>[72] KUTLUCINAR, ISKENDER V., US<br/>[71] EMERGENCY WARNING SYSTEMS, INC., US<br/>[85] 2000-12-08<br/>[86] 1999-05-28 (PCT/US99/12034)<br/>[87] 1999-12-16 (WO99/65001)<br/>[30] US (09/093,189) 1998-06-08</p>   | <p style="text-align: right;">[21] <b>2,334,653</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B01F 17/00</b><br/>[25] EN<br/>[54] <b>DISPERSING AGENT</b><br/>[54] <b>AGENT DE DISPERSION</b><br/>[72] KUZEE, HENDRIKA CORNELIA, NL<br/>[72] RAAIJMAKERS, HENDRICUS WILHELMUS CAROLINA, NL<br/>[71] COOPERATIE COSUN U.A., NL<br/>[85] 2000-12-08<br/>[86] 1999-06-09 (PCT/NL99/00359)<br/>[87] 1999-12-16 (WO99/64143)<br/>[30] NL (1009379) 1998-06-11</p>  | <p style="text-align: right;">[21] <b>2,334,657</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D21F 1/66</b><br/>[25] EN<br/>[54] <b>PROCESS ARRANGEMENT FOR THE SHORT CIRCULATION IN A PAPER OR BOARD MACHINE</b><br/>[54] <b>PROCESSUS DE LA CIRCULATION COURTE D'UNE MACHINE A PAPIER OU A CARTON</b><br/>[72] SUONPERA, ANTTI, FI<br/>[72] VERKASALO, LAURI, FI<br/>[72] PEKKARINEN, TIMO, FI<br/>[72] KINNUNEN, JUHA, FI<br/>[72] HAUTALA, JOUKO, FI<br/>[72] TAIPALE, MARI, FI<br/>[71] VALMET CORPORATION, FI<br/>[85] 2000-12-08<br/>[86] 1999-06-04 (PCT/FI99/00483)<br/>[87] 1999-12-16 (WO99/64668)<br/>[30] FI (981327) 1998-06-10</p> |

## PCT Applications Entering the National Phase

[21] **2,334,659**  
[13] A1

[51] **Int.Cl. 7C08G 18/28 7C09J 175/06**  
[25] EN  
[54] **PRIMER FOR IMPROVING THE BONDING OF ADHESIVES TO NONPOROUS SUBSTRATES**  
[54] **PRIMAIRE POUR AMELIORER LA LIAISON D'ADHESIFS SUR DES SUBSTRATS NON-POREUX**  
[72] WANG, XIAOBIN, US  
[72] BRIDDELL, BRIAN J., US  
[71] ADCO PRODUCTS, INC., US  
[85] 2000-12-08  
[86] 1999-06-30 (PCT/US99/14828)  
[87] 2000-01-06 (WO00/00530)  
[30] US (09/107,810) 1998-06-30

[21] **2,334,660**  
[13] A1

[51] **Int.Cl. 6G06F 17/00 6G06F 19/00 6G06G 7/66**  
[25] EN  
[54] **PAPER STOCK SHEAR AND FORMATION CONTROL**  
[54] **COMMANDE DE FORMATION ET DE CISAILLEMENT DES FIBRES DE PATE A PAPIER**  
[72] WATSON, JOHN DAVID, CA  
[72] HU, HUNG-TZAW, US  
[72] HAGART-ALEXANDER, CLAUD, CA  
[72] PRESTON, JOHN G., US  
[71] HONEYWELL-MEASUREX CORPORATION, US  
[85] 2000-12-08  
[86] 1999-06-07 (PCT/US99/12729)  
[87] 1999-12-16 (WO99/64963)  
[30] US (09/093,529) 1998-06-08

[21] **2,334,661**  
[13] A1

[51] **Int.Cl. 6C08J 3/075 6C08L 71/02 6C08L 29/04**  
[25] EN  
[54] **PROCESS FOR PREPARING A POLYVINYL ALCOHOL GEL AND MECHANICALLY HIGHLY STABLE GEL PRODUCED BY THIS PROCESS**  
[54] **PROCEDE DE PRODUCTION D'UN GEL A BASE D'ALCOOL POLYVINYLIQUE ET GEL MECANIQUEMENT TRES STABLE OBTENU A L'AIDE DUDIT PROCEDE**  
[72] VORLOP, KLAUS-DIETER, DE  
[72] JEKEL, MAREN, DE  
[71] VORLOP, KLAUS-DIETER, DE  
[85] 2000-12-08  
[86] 1999-03-30 (PCT/DE99/00975)  
[87] 1999-12-29 (WO99/67320)  
[30] DE (198 27 552.8) 1998-06-20

[21] **2,334,662**  
[13] A1

[51] **Int.Cl. 6H02K 1/14 6H02K 15/02**  
[25] EN  
[54] **AMORPHOUS METAL STATOR FOR A RADIAL-FLUX ELECTRIC MOTOR**  
[54] **STATOR EN METAL AMORPHE POUR MOTEUR ELECTRIQUE A FLUX RADIAL**  
[72] NGO, DUNG A., US  
[72] BYE, RICHARD L., JR., US  
[72] STAMATIS, PETER, US  
[72] DECRISTOFARO, NICHOLAS J., US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2000-12-08  
[86] 1999-06-17 (PCT/US99/13732)  
[87] 1999-12-23 (WO99/66624)  
[30] US (09/099,786) 1998-06-18

[21] **2,334,663**  
[13] A1

[51] **Int.Cl. 6B29C 51/10 6B29C 51/14 6B29C 51/26 6B29C 51/42**  
[25] EN  
[54] **APPARATUS AND METHODS FOR TWIN SHEET THERMOFORMING**  
[54] **APPAREILS ET PROCEDES POUR LE THERMOFORMAGE DE FEUILLES EN PAIRE**  
[72] VAUGHAN, STEWART, NZ  
[72] WITTEN-HANNAH, DANIEL, NZ  
[71] FISHER & PAYKEL LIMITED, NZ  
[85] 2000-12-08  
[86] 1999-06-10 (PCT/NZ99/00079)  
[87] 1999-12-16 (WO99/64221)  
[30] NZ (330648) 1998-06-10

[21] **2,334,664**  
[13] A1

[51] **Int.Cl. 6D04H 1/42 6A61L 27/00 6C08L 89/06**  
[25] EN  
[54] **COLLAGEN MATERIAL AND ITS PRODUCTION PROCESS**  
[54] **MATERIAU COLLAGENIQUE ET PROCEDE DE PRODUCTION**  
[72] SHIMIZU, YASUHIKO, JP  
[71] SHIMIZU, YASUHIKO, JP  
[71] TAPIC INTERNATIONAL CO., LTD., JP  
[85] 2000-12-08  
[86] 1999-06-07 (PCT/JP99/03019)  
[87] 1999-12-16 (WO99/64655)  
[30] JP (10/163674) 1998-06-11  
[30] JP (10/201405) 1998-07-16

[21] **2,334,665**  
[13] A1

[51] **Int.Cl. 6C08L 67/02 6C08K 5/00 6C08L 23/06 6C08L 33/06 6C08L 35/06 6C08K 5/098 6C08K 5/521**  
[25] EN  
[54] **POLYESTER RESIN COMPOSITIONS**  
[54] **COMPOSITIONS DE RESINE POLYESTER**  
[72] TANIGUCHI, SHUNRO, JP  
[72] OKAMOTO, CHIHIRO, JP  
[71] KURARAY CO., LTD., JP  
[85] 2000-12-08  
[86] 1998-06-15 (PCT/JP98/02627)  
[87] 1999-12-23 (WO99/65987)

[21] **2,334,666**  
[13] A1

[51] **Int.Cl. 6H01M 2/04 6B29C 45/00 6H01M 2/08**  
[25] EN  
[54] **SEALING STRUCTURE FOR AN ALKALI BATTERY**  
[54] **STRUCTURE D'ETANCHEITE POUR PILE ALCALINE**  
[72] SAEKI, TOSHINA, JP  
[72] YAMAMOTO, KENJI, JP  
[72] OKUBO, TAKESHI, JP  
[72] KANEKO, TOSHIKAZU, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-12-08  
[86] 1999-06-10 (PCT/JP99/03126)  
[87] 1999-12-16 (WO99/65091)  
[30] JP (10/165118) 1998-06-12

[21] **2,334,667**  
[13] A1

[51] **Int.Cl. 6B21C 25/02**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF EXTRUSION DIES**  
[54] **PERFECTIONNEMENTS APPORTES A LA FABRICATION DE FILIERES OU S'Y RAPPORANT**  
[72] FELDCAMP, EDWARD GEORGE, GB  
[71] AILSA INVESTMENTS LIMITED, GB  
[85] 2000-12-07  
[86] 1999-06-08 (PCT/GB99/01794)  
[87] 1999-12-23 (WO99/65622)  
[30] GB (9812697.2) 1998-06-13

## Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] <b>2,334,668</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04J 4/00 6H04J 1/05</b><br/>[25] EN<br/>[54] <b>A METHOD AND APPARATUS FOR DIGITAL CHANNELISATION AND DE-CHANNELISATION</b><br/>[54] <b>PROCEDE ET DISPOSITIF DE CANALISATION ET DE DECANALISATION NUMERIQUE</b><br/>[72] HELLBERG, RICHARD, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-12-08<br/>[86] 1999-06-04 (PCT/SE99/00971)<br/>[87] 1999-12-16 (WO99/65172)<br/>[30] SE (9802059-7) 1998-06-10</p>                                    | <p style="text-align: right;">[21] <b>2,334,671</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 471/14 6C07D 209/00 6C07D 221/00 6C07D 239/00 6C07D 241/00 6C07D 471/04 6C07D 487/04 6C07D 241/12 6A61K 31/44 6A61K 31/495 6A61K 31/505 6C07D 213/57</b><br/>[25] EN<br/>[54] <b>PYRIDO-2,3-B]INDOLIZINE DERIVATIVES AND AZA ANALOGUES THEREOF; CRF1 SPECIFIC LIGANDS</b><br/>[54] <b>DERIVES DE PYRIDO-2, 3-B]INDOLIZINE ET ANALOGUES AZA ASSOCIES; LIGANDS CRF1 SPECIFIQUES</b><br/>[72] YOON, TAEYOUNG, US<br/>[71] NEUROGEN CORPORATION, US<br/>[85] 2000-12-08<br/>[86] 1999-06-08 (PCT/US99/12990)<br/>[87] 1999-12-16 (WO99/64422)<br/>[30] US (60/088,808) 1998-06-09</p>                              | <p style="text-align: right;">[21] <b>2,334,673</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61L 15/46 6A61L 15/18</b><br/>[25] EN<br/>[54] <b>DISPOSABLE ABSORBENT ARTICLE CONTAINING AN ESSENTIAL OIL</b><br/>[54] <b>ARTICLE ABSORBANT JETABLE CONTENANT UNE HUILE ESSENTIELLE</b><br/>[72] TRAMONTANA, PRISCILLA M., US<br/>[71] MCNEIL-PPC, INC., US<br/>[85] 2000-12-08<br/>[86] 1999-06-03 (PCT/US99/12307)<br/>[87] 1999-12-16 (WO99/64083)<br/>[30] US (60/088,962) 1998-06-11</p>   |
| <p style="text-align: right;">[21] <b>2,334,669</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A44B 18/00 6B24D 11/02 6D04H 1/54</b><br/>[25] EN<br/>[54] <b>LOOP SUBSTRATE FOR RELEASABLY ATTACHABLE ABRASIVE SHEET MATERIAL</b><br/>[54] <b>SUBSTRAT A BOUCLETTES POUR MATERIAU EN FEUILLE ABRASIF AMOVIBLE</b><br/>[72] SYKES, SAMUEL LEE, US<br/>[72] DEKA, GANESH CHANDRA, US<br/>[71] KIMBERLY-CLARK WORLDWIDE, INC., US<br/>[85] 2000-12-07<br/>[86] 1999-06-18 (PCT/US99/13797)<br/>[87] 1999-12-23 (WO99/65352)<br/>[30] US (09/100,576) 1998-06-19</p> | <p style="text-align: right;">[21] <b>2,334,672</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C22C 38/00 7C22C 38/04 7C22C 38/38 7C21D 9/46</b><br/>[25] EN<br/>[54] <b>HIGH TENSILE HOT-DIP ZINC-COATED STEEL PLATE EXCELLENT IN DUCTILITY AND METHOD FOR PRODUCTION THEREOF</b><br/>[54] <b>TOLE D'ACIER RECOUVERTE DE ZINC PAR IMMERSION A CHAUD, A HAUTE RESISTANCE AYANT UNE EXCELLENTE DUCTILITE, ET PROCEDE DE PRODUCTION CORRESPONDANT</b><br/>[72] KOBAYASHI, TAKASHI, JP<br/>[72] SAKATA, KEI, JP<br/>[72] SHINOHARA, AKIO, JP<br/>[71] KAWASAKI STEEL CORPORATION, JP<br/>[85] 2000-12-07<br/>[86] 2000-04-19 (PCT/JP00/02547)<br/>[87] 2000-11-02 (WO00/65119)<br/>[30] JP (11/113288) 1999-04-21</p> | <p style="text-align: right;">[21] <b>2,334,674</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H02P 1/16</b><br/>[25] EN<br/>[54] <b>DEVICE WITH AN ELECTROMOTOR</b><br/>[54] <b>DISPOSITIF COMPORTANT UN MOTEUR ELECTRIQUE</b><br/>[72] KALTENBRUNNER, HANSJORG, DE<br/>[72] JESKE, FRANK, DE<br/>[72] HORNBERGER, JORG, DE<br/>[72] RAPPENECKER, HERMANN, DE<br/>[72] KARWATH, ARNO, DE<br/>[71] PAPST-MOTOREN GMBH &amp; CO. KG, DE<br/>[85] 2000-12-08<br/>[86] 1999-06-10 (PCT/EP99/03992)<br/>[87] 1999-12-23 (WO99/66633)<br/>[30] DE (198 26 458.5) 1998-06-13</p> |
| <p style="text-align: right;">[21] <b>2,334,670</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B27K 5/00 6B27K 5/06 6H05B 6/78</b><br/>[25] EN<br/>[54] <b>A METHOD FOR INCREASING THE PERMEABILITY OF WOOD</b><br/>[54] <b>PROCEDE POUR ACCROITRE LA PERMEABILITE DU BOIS</b><br/>[72] TORGOVNIKOV, GRIGORY, AU<br/>[72] ROMERO, FRANCISCO JAVIER, AU<br/>[72] VINDEN, PETER, AU<br/>[71] THE UNIVERSITY OF MELBOURNE, AU<br/>[85] 2000-12-08<br/>[86] 1999-06-09 (PCT/AU99/00443)<br/>[87] 1999-12-16 (WO99/64213)<br/>[30] AU (PP 3969) 1998-06-09</p>        | <p style="text-align: right;">[21] <b>2,334,676</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B29C 33/04 6B22C 9/00 6B21C 29/04 6F01P 3/22 6B29C 51/42 6B29C 45/73 6B29C 45/74</b><br/>[25] EN<br/>[54] <b>TEMPERATURE CONTROL METHOD AND APPARATUS</b><br/>[54] <b>PROCEDE ET APPAREIL DE COMMANDE DE TEMPERATURE</b><br/>[72] JAMES, MALCOLM BARRY, AU<br/>[71] JAMES, MALCOLM BARRY, AU<br/>[85] 2000-12-07<br/>[86] 1999-06-09 (PCT/AU99/00448)<br/>[87] 1999-12-16 (WO99/64218)<br/>[30] AU (PP 4033) 1998-06-11</p>   |   |



## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,334,677</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/04</b><br/>[25] EN<br/>[54] <b>PREPARATION OF HETEROARYL COMPOUNDS</b><br/>[54] <b>PREPARATION DE COMPOSES HETEROARYLE</b><br/>[72] ROCCO, VINCENT PATRICK, US<br/>[72] KOCH, DANIEL JAMES, US<br/>[71] ELI LILLY AND COMPANY, US<br/>[85] 2000-12-08<br/>[86] 1999-06-16 (PCT/US99/13521)<br/>[87] 1999-12-23 (WO99/65896)<br/>[30] US (60/089,846) 1998-06-19</p>   | <p style="text-align: right;">[21] <b>2,334,681</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H05K 1/14</b><br/>[25] EN<br/>[54] <b>APPARATUS AND METHOD FOR IMPROVING COMPUTER MEMORY SPEED AND CAPACITY</b><br/>[54] <b>APPAREIL ET PROCEDE POUR AMELIORER LA VITESSE ET LA CAPACITE DE LA MEMOIRE</b><br/>[72] KARABATSOS, CHRIS, US<br/>[71] KARABATSOS, CHRIS, US<br/>[85] 2000-12-08<br/>[86] 1999-06-22 (PCT/US99/13836)<br/>[87] 2000-01-06 (WO00/01207)<br/>[30] US (09/105,892) 1998-06-26</p>  | <p style="text-align: right;">[21] <b>2,334,686</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/365 6A61K 31/70</b><br/>[25] EN<br/>[54] <b>USE OF CYTOPROTECTANTS</b><br/>[54] <b>UTILISATION DE CYTOPROTECTEURS</b><br/>[72] SEGLEN, PER, NO<br/>[71] SEGLEN, PER, NO<br/>[85] 2000-12-08<br/>[86] 1999-06-11 (PCT/NO99/00193)<br/>[87] 2000-01-06 (WO00/00191)<br/>[30] NO (19982795) 1998-06-17</p>  |
| <p style="text-align: right;">[21] <b>2,334,678</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7D06N 1/00 7B29C 43/30</b><br/>[25] EN<br/>[54] <b>NOVEL LINOLEUM STRUCTURE AND METHOD FOR PRODUCING SAME</b><br/>[54] <b>NOUVELLE STRUCTURE DE LINOLEUM ET SON PROCEDE DE FABRICATION</b><br/>[72] SCHULTE, BERND, DE<br/>[72] MARKMANN, OLE, DE<br/>[71] DLW AKTIENGESELLSCHAFT, DE<br/>[85] 2000-12-07<br/>[86] 2000-04-10 (PCT/EP00/03180)<br/>[87] 2000-10-19 (WO00/61855)<br/>[30] DE (199 15 868.1) 1999-04-08</p> | <p style="text-align: right;">[21] <b>2,334,684</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H05B 33/22 7H05B 33/26</b><br/>[25] EN<br/>[54] <b>EL ELEMENT</b><br/>[54] <b>ELEMENT ELECTROLUMINESCENT</b><br/>[72] NOMURA, TAKESHI, JP<br/>[72] TAKAYAMA, SUGURU, JP<br/>[72] TAKEISHI, TAKU, JP<br/>[71] NAGANO, KATSUTO, JP<br/>[71] TDK CORPORATION, JP<br/>[85] 2000-12-07<br/>[86] 2000-04-06 (PCT/JP00/02231)<br/>[87] 2000-10-19 (WO00/62583)<br/>[30] JP (11/101195) 1999-04-08</p>              | <p style="text-align: right;">[21] <b>2,334,687</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 6/087 6C08L 33/02 6C08K 5/09 6C08K 3/22 6C08K 3/32</b><br/>[25] EN<br/>[54] <b>DENTAL ROOT CANAL FILLING, RETROFILLING, AND PERFORATION REPAIR MATERIALS</b><br/>[54] <b>PRODUITS D'OBTURATION, D'OBTURATION A RETRO ET DE REPARATION DE PERFORATION DU CANAL DENTAIRE RADICULAIRE</b><br/>[72] REEH, ERNEST S., US<br/>[72] COMBE, EDWARD C., US<br/>[71] RIVER VALLEY ENDODONTICS, P.A., US<br/>[85] 2000-12-08<br/>[86] 1999-05-19 (PCT/US99/11042)<br/>[87] 1999-12-16 (WO99/63949)<br/>[30] US (09/095,520) 1998-06-10</p> |
| <p style="text-align: right;">[21] <b>2,334,680</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61M 1/38</b><br/>[25] EN<br/>[54] <b>METHOD OF REMOVING BETA-2 MICROGLOBULIN FROM BLOOD</b><br/>[54] <b>PROCEDE POUR RETIRER LA BETA-2-MICROGLOBULINE CONTENUE DANS LE SANG</b><br/>[72] BRAVERMAN, ANDREW, US<br/>[72] DAVANKOV, VADIM, RU<br/>[71] RENALTECH INTERNATIONAL, LLC, US<br/>[85] 2000-12-07<br/>[86] 2000-04-17 (PCT/US00/10403)<br/>[87] 2000-10-26 (WO00/62836)<br/>[30] US (09/294,224) 1999-04-19</p> | <p style="text-align: right;">[21] <b>2,334,685</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16L 5/00</b><br/>[25] EN<br/>[54] <b>GAS OUTLET BARREL RETENTION APPARATUS</b><br/>[54] <b>APPAREIL A RETENUE DE CYLINDRE DE SORTIE DE GAZ</b><br/>[72] GARNER, DAVID M., US<br/>[72] COLBURN, ERIC R., US<br/>[72] COPE, ROBERT, L. III, US<br/>[71] HILL-ROM, INC., US<br/>[85] 2000-12-07<br/>[86] 1999-06-21 (PCT/US99/13973)<br/>[87] 1999-12-29 (WO99/66968)<br/>[30] US (60/090,553) 1998-06-24</p> |  |

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[21] **2,334,689**  
[13] A1  
[51] **Int.Cl. 7B64D 37/32 7A62C 2/08 7B01D 53/22**  
[25] EN  
[54] **ON BOARD INERT GAS GENERATING SYSTEM USING MULTIPLE AIR SEPARATION MODULES HAVING DIFFERENT PERMEABILITY AND SELECTIVITY MEMBRANES**  
[54] **SYSTEMES DE BORD SERVANT A GENERER DES GAZ INERTES ET POSSEDANT DES MODULES MULTIPLES DE SEPARATION D'AIR PRESENTANT DES MEMBRANES DE PERMEABILITES ET DE SELECTIVITES DIFFERENTES**  
[72] ANDERSON, CHARLES L., US  
[72] BEERS, KARL S., US  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[85] 2000-12-08  
[86] 1999-06-30 (PCT/US99/14782)  
[87] 2000-01-06 (WO00/00389)  
[30] US (09/107,141) 1998-06-30

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[21] **2,334,690**  
[13] A1  
[51] **Int.Cl. 7B65D 81/34**  
[25] EN  
[54] **ABUSE-TOLERANT METALLIC PACKAGING MATERIALS FOR MICROWAVE COOKING**  
[54] **MATERIAUX D'EMBALLAGES METALLIQUE RESISTANT AUX MANIPULATIONS ABUSIVES POUR LA CUISSON PAR MICRO-ONDES**  
[72] LAI, LAURENCE, CA  
[72] ZENG, NEILSON, CA  
[72] RUSSELL, ANTHONY, CA  
[71] GRAPHIC PACKAGING CORPORATION, US  
[85] 2000-12-08  
[86] 2000-09-18 (PCT/US00/40930)  
[87] 2001-03-20 ()  
[30] US (09/399,182) 1999-09-20

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[21] **2,334,691**  
[13] A1  
[51] **Int.Cl. 6B65G 69/28**  
[25] EN  
[54] **RECYCLE CONTROL SYSTEM FOR DOCK LEVELERS**  
[54] **SYSTEME DE COMMANDE DE RECYCLAGE POUR DES APPAREILS DE QUAI DE MISE A NIVEAU**  
[72] JEHN, MIKE, US  
[72] STOEWEL, ROBERT, US  
[72] HAHN, NORBERT, US  
[71] RITE-HITE HOLDING CORPORATION, US  
[85] 2000-12-08  
[86] 1999-06-09 (PCT/US99/13058)  
[87] 1999-12-16 (WO99/64333)  
[30] US (09/094,295) 1998-06-09

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[21] **2,334,692**  
[13] A1  
[51] **Int.Cl. 6G03F 7/22 6G03H 1/28**  
[25] EN  
[54] **CROSSED GRATING PHOTONIC CRYSTALS AND MULTIPLE EXPOSURE PROCESSES FOR MAKING THEM**  
[54] **CRISTAUX PHOTONIQUES EN RESEAU CROISE ET MULTIPLES PROCESSUS D'EXPOSITION AUX FINS DE LEUR FABRICATION**  
[72] COTTEVERTE, JEAN-CHARLES, FR  
[72] RENVAZE, CHRISTOPHE, FR  
[72] DAHMANI, BRAHIM, FR  
[71] CORNING INCORPORATED, US  
[85] 2000-12-08  
[86] 1999-06-02 (PCT/US99/12202)  
[87] 1999-12-16 (WO99/64933)  
[30] EP (98401369.8) 1998-06-08

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[21] **2,334,694**  
[13] A1  
[51] **Int.Cl. 6F16L 41/08**  
[25] EN  
[54] **METHOD OF FORMING A BRANCHING TO A PIPE, AND JUNCTION IN A PIPE**  
[54] **PROCEDE DE FORMATION D'UN BRANCHEMENT SUR UN CONDUIT ET RACCORD DANS UN CONDUIT**  
[72] SUNDHOLM, GORAN, FI  
[71] SUNDHOLM, GORAN, FI  
[85] 2000-12-07  
[86] 1999-06-10 (PCT/FI99/00508)  
[87] 1999-12-23 (WO99/66251)  
[30] FI (981373) 1998-06-12

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[21] **2,334,695**  
[13] A1  
[51] **Int.Cl. 6G01C 21/20 6G08G 1/0969 6G09B 29/10**  
[25] EN  
[54] **NAVIGATION SYSTEM**  
[54] **SYSTEME DE NAVIGATION**  
[72] UPPARAPALLI, KARUNANIDHI, US  
[71] MAGELLAN DIS, INC., US  
[85] 2000-12-08  
[86] 1999-06-04 (PCT/US99/12575)  
[87] 1999-12-16 (WO99/64823)  
[30] US (09/096,103) 1998-06-11

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[21] **2,334,697**  
[13] A1  
[51] **Int.Cl. 6H04M 15/28**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DYNAMIC FLEXIBLE MARKETING BASED ON SYSTEM UTILIZATION**  
[54] **SYSTEME ET PROCEDE DE MARKETING FLEXIBLE BASE SUR L'UTILISATION DU SYSTEME**  
[72] BALACHANDRAN, SHRIDHARAN, US  
[71] ERICSSON INC., US  
[85] 2000-12-07  
[86] 1999-06-11 (PCT/US99/13027)  
[87] 1999-12-23 (WO99/66706)  
[30] US (09/099,999) 1998-06-19

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[21] **2,334,698**  
[13] A1  
[51] **Int.Cl. 6B05D 3/06 6B05D 1/40 6B29C 33/68**  
[25] EN  
[54] **RELEASE SHEET FOR USE WITH MULTICOMPONENT REACTIVE URETHANE SYSTEMS AND METHOD OF MANUFACTURE**  
[54] **FEUILLE DE DECOLEMENT UTILISEE AVEC DES SYSTEMES D'URETHANE REACTIFS MULTICOMPSTITUANTS ET PROCEDE DE PRODUCTION**  
[72] GLASSOCK, JUDITH I., US  
[71] S.D. WARREN SERVICES COMPANY, US  
[85] 2000-12-08  
[86] 1999-06-02 (PCT/US99/12250)  
[87] 2000-01-20 (WO00/02669)  
[30] US (09/111,447) 1998-07-08

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[21] **2,334,699**  
[13] A1  
[51] **Int.Cl. 7F22B 21/34**  
[25] EN  
[54] **FOSSIL-FUEL-FIRED STEAM GENERATOR**  
[54] **GENERATEUR DE VAPEUR ALIMENTE PAR UN COMBUSTIBLE FOSSILE**  
[72] KRAL, RUDOLF, DE  
[72] FRANKE, JOACHIM, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2000-12-08  
[86] 1999-05-26 (PCT/DE99/01550)  
[87] 1999-12-16 (WO99/64787)  
[30] DE (198 25 800.3) 1998-06-10  
[30] DE (198 51 809.9) 1998-11-11

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[21] **2,334,702**  
[13] A1  
[51] **Int.Cl. 6A61K 31/565**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS AND USES FOR ANDROST-5-ENE-3.BETA.,17.BETA.-DIOL**  
[54] **COMPOSITIONS PHARMACEUTIQUES ET UTILISATIONS POUR L'ANDROST-5-ENE-3.BETA.,17.BETA.-DIOL**  
[72] LABRIE, FERNAND, CA  
[71] ENDORECHERCHE, INC., CA  
[85] 2000-12-08  
[86] 1999-06-10 (PCT/CA99/00537)  
[87] 1999-12-16 (WO99/63973)  
[30] US (09/096,286) 1998-06-11

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[21] **2,334,703**  
[13] A1  
[51] **Int.Cl. 6E04B 1/344 6E04H 1/02 6E04G 25/06 6E04H 1/12**  
[25] EN  
[54] **PREFABRICATED BUILDING SYSTEMS**  
[54] **SYSTEMES DE BATIMENTS PREFABRIQUES**  
[72] GEORGE, QUENTIN, AU  
[71] I-LOK MULTI-STRUCTURAL INTERNATIONAL LIMITED, VG  
[85] 2000-12-08  
[86] 1999-06-09 (PCT/AU99/00449)  
[87] 1999-12-16 (WO99/64688)  
[30] AU (PP 3995) 1998-06-09

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[21] **2,334,704**  
[13] A1  
[51] **Int.Cl. 6A01B 59/043 6A01B 61/02**  
[25] EN  
[54] **LOAD TRANSFER BETWEEN TRACTOR AND TOWED IMPLEMENT**  
[54] **TRANSFERT DE CHARGE ENTRE LE TRACTEUR ET UN OUTIL TRACTE**  
[72] SINGH, KALVIN JIT, NZ  
[71] SINGH, KALVIN JIT, NZ  
[85] 2000-12-08  
[86] 1999-06-04 (PCT/NZ99/00074)  
[87] 1999-12-16 (WO99/63800)  
[30] NZ (330600) 1998-06-08

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[21] **2,334,705**  
[13] A1  
[51] **Int.Cl. 6F28D 1/03 6F28F 3/02**  
[25] EN  
[54] **HEAT EXCHANGER WITH RELATIVELY FLAT FLUID CONDUITS**  
[54] **ECHANGEUR DE CHALEUR POURVU DE CONDUITS A FLUIDE RELATIVEMENT PLATS**  
[72] BAE, YOUNG L., US  
[72] LOOMIS, ROGER A., US  
[72] MCELWRATH, BENJAMIN W., JR., US  
[71] HEIDENREICH, MICHAEL E., US  
[71] HEATCRAFT INC., US  
[85] 2000-12-08  
[86] 1998-06-17 (PCT/US98/12134)  
[87] 1999-12-16 (WO99/64805)  
[30] US (09/095,039) 1998-06-10

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[21] **2,334,706**  
[13] A1  
[51] **Int.Cl. 6D21F 1/66**  
[25] EN  
[54] **METHOD FOR REGULATION OF THE SURFACE LEVEL AND THE CONSISTENCY IN A TANK FOR METERING OF A COMPONENT STOCK**  
[54] **PROCEDE DE REGULATION DU NIVEAU DE LA SURFACE ET DE LA CONSISTANCE DANS UN RESERVOIR EN VUE DU DOSAGE D'UN CONSTITUANTS DE LA PATE**  
[72] HUHTELIN, TAISTO, FI  
[71] VALMET CORPORATION, FI  
[85] 2000-12-08  
[86] 1999-06-04 (PCT/FI99/00484)  
[87] 1999-12-16 (WO99/64669)  
[30] FI (981328) 1998-06-10

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[21] **2,334,707**  
[13] A1  
[51] **Int.Cl. 7C12N 15/11 7C12Q 1/68**  
[25] EN  
[54] **PSEUDO-CYCLIC OLIGONUCLEOBASES**  
[54] **OLIGONUCLEOBASES PSEUDO-CYCLIQUES**  
[72] AGRAWAL, SUDHIR, US  
[72] KANDIMALLA, EKAMBAR R., US  
[71] HYBRIDON, INC., US  
[85] 2000-12-08  
[86] 2000-03-21 (PCT/US00/08826)  
[87] 2000-10-05 (WO00/58330)  
[30] US (60/127,138) 1999-03-31  
[30] US (60/174,642) 2000-01-05

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[21] **2,334,708**  
[13] A1  
[51] **Int.Cl. 6C25D 3/04 6C25D 7/00 6C25D 3/10 6C25D 5/14 6C25D 5/18**  
[25] EN  
[54] **GALVANIC BATH, METHOD FOR PRODUCING STRUCTURED HARD CHROMIUM LAYERS AND USE THEREOF**  
[54] **BAIN GALVANIQUE, PROCEDE PERMETTANT DE PRODUIRE DES COUCHES STRUCTUREES DE CHROME DUR ET UTILISATION DUDIT PROCEDE**  
[72] SZAMEITAT, KLAUS, DE  
[71] CROMOTEC OBERFLACHENTECHNIK GMBH, DE  
[85] 2000-12-08  
[86] 1999-06-24 (PCT/EP99/04412)  
[87] 2000-01-06 (WO00/00672)  
[30] DE (198 28 545.0) 1998-06-26

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[21] **2,334,709**  
[13] A1

[51] **Int.Cl. 6A61K 35/12 6A61K 35/22 6A61K 35/23**  
[25] EN  
[54] **METHOD FOR ASSESSING A DIABETIC'S RISK OF EXPERIENCING A DIABETES-ASSOCIATED PATHOLOGIC CONDITION**  
[54] **PROCEDE PERMETTANT D'EVALUER LE RISQUE DU DIABETIQUE CONNAISSANT UN ETAT PATHOLOGIQUE ASSOCIE AUX DIABETES**  
[72] SU, BANGYING, US  
[72] BROWN, TRUMAN R., US  
[72] SZWERGOLD, BENJAMIN, US  
[72] KAPPLER, FRANCIS, US  
[72] LAL, SUNDEEP, US  
[71] FOX CHASE CANCER CENTER, US  
[85] 2000-12-08  
[86] 1999-06-10 (PCT/US99/13122)  
[87] 1999-12-16 (WO99/64561)  
[30] US (09/095,953) 1998-06-11

[21] **2,334,710**  
[13] A1

[51] **Int.Cl. 6B26B 19/44 6B26B 19/40**  
[25] EN  
[54] **RAZOR CARTRIDGE WITH DIMPLED BLADE GUARD**  
[54] **CARTOUCHE DE RASOIR A PROTECTEUR DE LAME ALVEOLE**  
[72] MCALLISTER, JOHN P., US  
[72] PROCHASKA, FRANK, US  
[71] AMERICAN SAFETY RAZOR COMPANY, US  
[85] 2000-12-08  
[86] 1999-05-28 (PCT/US99/10475)  
[87] 1999-12-16 (WO99/64210)  
[30] US (60/088,412) 1998-06-08  
[30] US (09/318,239) 1999-05-25

[21] **2,334,711**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 37/00**  
[25] EN  
[54] **MEDICAMENTS CONTAINING BISPHTHONIC ACIDS AND DERIVATIVES THEREOF WHICH ARE PROVIDED FOR PREVENTING AND TREATING AUTOIMMUNE DISEASES AND ALLERGIES**  
[54] **MEDICAMENTS CONTENANT DES ACIDES BIPHOSPHONIQUES ET LEURS DERIVES POUR LA PROPHYLAXIE ET LE TRAITEMENT DE MALADIES AUTO-IMMUNES ET D'ALLERGIES**  
[72] JOMAA, HASSAN, DE  
[71] JOMAA, HASSAN, DE  
[85] 2000-12-08  
[86] 1999-06-24 (PCT/DE99/01844)  
[87] 2000-01-06 (WO00/00182)  
[30] DE (198 28 450.0) 1998-06-26

[21] **2,334,712**  
[13] A1

[51] **Int.Cl. 6G01N 33/543**  
[25] EN  
[54] **DETECTION OF LIGANDS WITH SIGNAL AMPLIFICATION**  
[54] **DETECTION DE LIGANDS PAR AMPLIFICATION DE SIGNAL**  
[72] NIEHAUS, GARY D., US  
[72] WOOLVERTON, CHRISTOPHER J., US  
[72] DOANE, KATHLEEN J., US  
[72] SCHMIDT, STEVEN P., US  
[72] SIGNS, STEVEN A., US  
[72] LAVRENTOVICH, OLEG, US  
[71] KENT STATE UNIVERSITY, US  
[85] 2000-12-08  
[86] 1999-05-12 (PCT/US99/10413)  
[87] 1999-12-16 (WO99/64862)  
[30] US (09/095,196) 1998-06-10

[21] **2,334,713**  
[13] A1

[51] **Int.Cl. 6C07D 213/80 6C07D 257/04 6C07C 217/16 6A61K 31/19 6A61K 31/24 6C07C 215/30 6A61K 31/34 6A61K 31/41 6A61K 31/44 6C07C 255/59 6C07D 213/79 6C07D 307/79**  
[25] EN  
[54] **THERAPEUTIC BIARYL DERIVATIVES**  
[54] **DERIVES DE BIARYLE THERAPEUTIQUES**  
[72] DONALDSON, KELLY HORNE, US  
[72] UEHLING, DAVID EDWARD, US  
[72] SHEARER, BARRY GEORGE, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 2000-12-08  
[86] 1999-06-09 (PCT/EP99/03958)  
[87] 1999-12-23 (WO99/65877)  
[30] GB (9812709.5) 1998-06-13

[21] **2,334,714**  
[13] A1

[51] **Int.Cl. 6B05D 1/02 6B05B 13/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR COATING BOTTLES**  
[54] **PROCEDE ET DISPOSITIF POUR ENDUIRE DES BOUTEILLES**  
[72] SPYROPOULOS, MICHAEL, AU  
[72] THOMAS, ROBERT JOHN, AU  
[72] CAREW, DAVID LEE, AU  
[71] AMCOR PACKAGING (AUSTRALIA) PTY LTD., AU  
[85] 2000-12-08  
[86] 1999-06-18 (PCT/AU99/00498)  
[87] 1999-12-23 (WO99/65613)  
[30] AU (PP 4173) 1998-06-18

[21] **2,334,715**  
[13] A1

[51] **Int.Cl. 6F03B 17/06**  
[25] EN  
[54] **APPARATUS FOR EXTRACTING POWER FROM A FLUID FLOW**  
[54] **APPAREIL D'EXTRACTION D'ENERGIE A PARTIR D'UN ECOULEMENT FLUIDE**  
[72] HASSARD, JOHN FRANCIS, GB  
[72] ROCHESTER, GEOFFREY KENNETH, GB  
[71] IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE, GB  
[85] 2000-12-08  
[86] 1999-06-14 (PCT/GB99/01876)  
[87] 1999-12-23 (WO99/66200)  
[30] GB (9812792.1) 1998-06-12  
[30] GB (9901350.0) 1999-01-21

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[21] **2,334,716**  
[13] A1  
[51] **Int.Cl. 6C10M 125/00 6C10M 169/00 6C10M 173/00 6C10M 129/26**  
[25] EN  
[54] **COMPOSITION AND PROCESS FOR LUBRICATED PLASTIC WORKING OF METALS**  
[54] **COMPOSITION ET PROCEDE POUR L'ENROBAGE DE METAUX AVEC UN PLASTIQUE LUBRIFIE**  
[72] NAGATA, SHUJI, JP  
[72] IMAI, YASUO, JP  
[71] HENKEL CORPORATION, US  
[85] 2000-12-11  
[86] 1999-06-09 (PCT/US99/12364)  
[87] 1999-12-16 (WO99/64544)  
[30] JP (10/176602) 1998-06-09

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[21] **2,334,717**  
[13] A1  
[51] **Int.Cl. 6E21B 12/06 6E21B 17/00**  
[25] EN  
[54] **CLEANING AND LUBRICATING DEVICE FOR THREADS, ESPECIALLY FOR DRILL PIPES**  
[54] **APPAREIL DE NETTOYAGE ET GRAISSAGE DES FILETS EN PARTICULIER DE TIGES DE FORAGE**  
[72] GJESETH, JON ARNE, NO  
[71] GJESETH, JON ARNE, NO  
[85] 2000-12-11  
[86] 1999-04-27 (PCT/NO99/00139)  
[87] 1999-11-25 (WO99/60245)  
[30] NO (19981992) 1998-05-04

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[21] **2,334,718**  
[13] A1  
[51] **Int.Cl. 6C07D 215/56 6C07D 215/22 6C07D 215/36 6A61K 31/47**  
[25] EN  
[54] **QUINOLINE DERIVATIVES**  
[54] **DERIVES DE QUINOLINE**  
[72] HEDLUND, GUNNAR, SE  
[72] FEX, TOMAS, SE  
[72] JONSSON, STIG, SE  
[72] BJORK, ANDERS, SE  
[71] ACTIVE BIOTECH AB, SE  
[85] 2000-12-11  
[86] 1999-07-14 (PCT/SE99/01271)  
[87] 2000-01-27 (WO00/03992)  
[30] SE (9802550-5) 1998-07-15

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[21] **2,334,719**  
[13] A1  
[51] **Int.Cl. 5B23B 1/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MACHINING HIGHLY CONCENTRIC PARTS**  
[54] **PROCEDES ET DISPOSITIFS POUR L'USINAGE DE PIECES HAUTEMENT CONCENTRIQUES**  
[72] CARDEMON, RICHARD A., US  
[71] RELIANCE MACHINE COMPANY, US  
[85] 2000-12-11  
[86] 1999-06-11 (PCT/US99/13159)  
[87] 1999-12-16 (WO99/64192)  
[30] US (09/096,127) 1998-06-11

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[21] **2,334,720**  
[13] A1  
[51] **Int.Cl. 6A23K 1/16 6A23K 1/18**  
[25] EN  
[54] **MICROBIAL ARACHIDONIC ACID (ARA) FOR USE IN MARINE FEED**  
[54] **ACIDE ARACHIDONIQUE MICROBIEN (ARA) UTILISE DANS L'ALIMENTATION D'ANIMAUX MARINS**  
[72] BEUDEKER, ROBERT FRANCISCUS, NL  
[72] COUTTEAU, PETER, BE  
[71] DSM N.V., NL  
[85] 2000-12-11  
[86] 1999-06-17 (PCT/EP99/04224)  
[87] 1999-12-23 (WO99/65327)  
[30] EP (98304802.6) 1998-06-17

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[21] **2,334,722**  
[13] A1  
[51] **Int.Cl. 6D21F 1/00 6D21F 7/06**  
[25] EN  
[54] **METHOD FOR REGULATION OF THE BASIS WEIGHT OF PAPER OR BOARD IN A PAPER OR BOARD MACHINE**  
[54] **PROCEDE DE REGULATION DU GRAMMAGE DU PAPIER ET DU CARTON DANS UNE MACHINE A PAPIER OU A CARTON**  
[72] HUHTELIN, TAISTO, FI  
[71] NELES PAPER AUTOMATION OY, FI  
[85] 2000-12-08  
[86] 1999-06-04 (PCT/FI99/00485)  
[87] 1999-12-16 (WO99/64665)  
[30] FI (981329) 1998-06-10

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[21] **2,334,723**  
[13] A1  
[51] **Int.Cl. 7A61H 31/00**  
[25] EN  
[54] **STIMULATORY DEVICE AND METHODS TO ENHANCE VENOUS BLOOD RETURN DURING CARDIOPULMONARY RESUSCITATION**  
[54] **DISPOSITIFS ET PROCEDES DE STIMULATION PERMETTANT D'AMELIORER LE RETOUR VEINEUX EN COURS DE REANIMATION CARDIORESPIRATOIRE**  
[72] PATTERSON, ROBERT, US  
[72] BENDITT, DAVID, US  
[72] LURIE, KEITH G., US  
[72] VOECKEL, WOLFGANG, AT  
[72] ZIELINSKI, TODD M., US  
[71] CPRX, INC., US  
[85] 2000-12-08  
[86] 1999-06-10 (PCT/US99/13161)  
[87] 1999-12-16 (WO99/63926)  
[30] US (09/095,916) 1998-06-11  
[30] US (09/197,286) 1998-11-20  
[30] US (09/315,396) 1999-05-20

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[21] **2,334,724**  
[13] A1

[51] **Int.Cl. 7H01M 2/02 7H01M 2/08**  
[25] EN  
[54] **MATERIAL FOR PACKAGING CELL, BAG FOR PACKAGING CELL, AND ITS PRODUCTION METHOD**  
[54] **MATERIAU D'EMBALLAGE DE PILE, SACHET DE TRANSPORT DE PILE ET PROCEDE DE PRODUCTION CONNEXE**  
[72] YAMASHITA, RIKIYA, JP  
[72] NAKAGAWA, HIROKI, JP  
[72] MIKAMI, KOUICHI, JP  
[72] MOCHIDUKI, YOUICHI, JP  
[72] YAMASHITA, TAKANORI, JP  
[72] MIYAHARA, MIHO, JP  
[72] SEKINO, HITOSHI, JP  
[72] HIRAI, YUICHI, JP  
[72] ARAO, HIDEKI, JP  
[72] FUKUDA, JUN, JP  
[72] GOTO, TAKAKAZU, JP  
[72] YAMADA, KAZUKI, JP  
[72] KAWAI, CHIE, JP  
[71] DAI NIPPON PRINTING CO., LTD., JP  
[85] 2000-12-08  
[86] 2000-04-10 (PCT/JP00/02330)  
[87] 2000-10-19 (WO00/62354)  
[30] JP (11/101528) 1999-04-08  
[30] JP (11/145672) 1999-05-25  
[30] JP (11/145687) 1999-05-25  
[30] JP (11/147290) 1999-05-26  
[30] JP (11/177964) 1999-06-24  
[30] JP (11/202843) 1999-07-16  
[30] JP (11/202888) 1999-07-16  
[30] JP (11/202917) 1999-07-16  
[30] JP (11/233162) 1999-08-19  
[30] JP (11/266066) 1999-09-20

[21] **2,334,725**  
[13] A1

[51] **Int.Cl. 6C04B 35/66 6C04B 38/08 6C04B 35/14 6C04B 41/45**  
[25] EN  
[54] **INSULATING REFRACTORY MATERIAL**  
[54] **MATERIAU ISOLANT REFRACTAIRE**  
[72] BRANDY, GILBERT, FR  
[71] VESUVIUS CRUCIBLE COMPANY, US  
[85] 2000-12-08  
[86] 1999-06-07 (PCT/BE99/00073)  
[87] 1999-12-23 (WO99/65842)  
[30] FR (98 07608) 1998-06-15

[21] **2,334,727**  
[13] A1

[51] **Int.Cl. 6C07D 401/04 6C07D 401/14 6A61K 31/47**  
[25] EN  
[54] **TETRAHYDROQUINOLINE DERIVATIVES AS GLYCINE ANTAGONISTS**  
[54] **DERIVES DE TETRAHYDROQUINOLINE UTILES COMME ANTAGONISTES DE LA GLYCINE**  
[72] DI FABIO, ROMANO, IT  
[71] GLAXO WELLCOME SPA, IT  
[85] 2000-12-08  
[86] 1999-06-08 (PCT/EP99/03936)  
[87] 1999-12-16 (WO99/64411)  
[30] GB (9812410.0) 1998-06-10  
[30] GB (9812408.4) 1998-06-10

[21] **2,334,729**  
[13] A1

[51] **Int.Cl. 6H02G 3/02 6H05K 5/02 6H02G 3/04**  
[25] EN  
[54] **ELEMENTS TO COVER CABLES, CASES, SHELLS, PANELS, AND CHANNEL TO COVER CABLES, PARTICULARLY FOR ELECTRIC AND/OR ELECTRONIC APPARATUS USED ON A WORKING PLANE**  
[54] **ELEMENTS, ENVELOPPES, COQUES, PANNEAUX ET CANAUX PERMETTANT DE RECOURVIR DES CABLES, EN PARTICULIER POUR DES APPAREILS ELECTRIQUES ET/OU ELECTRONIQUES SITUES SUR UN PLAN DE TRAVAIL**  
[72] FORMUSO, GIUSEPPE, IT  
[71] FORMUSO, GIUSEPPE, IT  
[85] 2000-12-08  
[86] 1999-06-10 (PCT/IT99/00170)  
[87] 1999-12-16 (WO99/65126)  
[30] IT (CL98A000004) 1998-06-12  
[30] IT (RM98A000672) 1998-10-23  
[30] IT (CL99A000001) 1999-03-01

[21] **2,334,730**  
[13] A1

[51] **Int.Cl. 6C07K 7/64 6A61K 38/13**  
[25] EN  
[54] **NOVEL CYCLOSPORINS**  
[54] **NOUVELLES CYCLOSPORINES**  
[72] ELLMERER-MUELLER, ERNST, AT  
[72] BROSSNER, DAGMAR, AT  
[72] AMBROSI, HORST-DIETER, DE  
[72] MASLOUH, NAJIB, AT  
[72] JAS, GERHARD, DE  
[72] FISCHER, GUNTER, DE  
[71] C-CHEM AG, CH  
[85] 2000-12-08  
[86] 1999-06-10 (PCT/EP99/04012)  
[87] 1999-12-23 (WO99/65933)  
[30] EP (98110761.8) 1998-06-12

[21] **2,334,731**  
[13] A1

[51] **Int.Cl. 6C07C 1/04 6B01J 8/18**  
[25] EN  
[54] **PRODUCTION OF HYDROCARBONS**  
[54] **PRODUCTION D'HYDROCARBURES**  
[72] MENENDEZ, MIGUEL A., ES  
[72] SANTAMARIA, JESUS M., ES  
[72] ESPINOZA, RAFAEL L., ZA  
[72] CORONAS, JOAQUIN, ES  
[72] IRUSTA, SILVIA, AR  
[71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA  
[85] 2000-12-08  
[86] 1999-06-07 (PCT/IB99/01043)  
[87] 1999-12-16 (WO99/64380)  
[30] ZA (98/5093) 1998-06-11

[21] **2,334,732**  
[13] A1

[51] **Int.Cl. 6F16N 7/12 6B65G 45/02**  
[25] EN  
[54] **DISPENSING DEVICE FOR LUBRICANT COMPOSITION**  
[54] **DISPOSITIF DE DISTRIBUTION POUR COMPOSITION LUBRIFIANTE**  
[72] GOMEZ DIAZ, JESUS, AR  
[72] MENDEZ, JOSE, AR  
[71] UNILEVER PLC, GB  
[85] 2000-12-11  
[86] 1999-06-10 (PCT/EP99/04041)  
[87] 2000-01-13 (WO00/01979)  
[30] AR (M 98 01 03216) 1998-07-02

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[21] **2,334,734**  
[13] A1

[51] **Int.Cl. 6B29C 33/02 6B29C 43/04 6B29C 33/10 6B29C 43/52 6B29C 43/56 6B29C 43/58**

[25] EN

[54] **POLYMERIC MATERIALS AND PROCESS FOR PRODUCING SAME**

[54] **MATERIAUX POLYMERES ET LEUR PROCEDE DE PRODUCTION**

[72] COHEN, YACHIN, IL

[72] REIN, DMITRY M., IL

[72] VAYKHANSKY, LEV, IL

[71] POLYEITAN COMPOSITES LTD., IL

[85] 2000-12-08

[86] 1999-06-28 (PCT/US99/14563)

[87] 2000-01-06 (WO00/00334)

[30] US (09/106,488) 1998-06-29

[21] **2,334,737**  
[13] A1

[51] **Int.Cl. 6G06F 13/00**

[25] EN

[54] **COLLABORATIVE OBJECT ARCHITECTURE**

[54] **ARCHITECTURE A OBJET DE TYPE COOPERATIF**

[72] NICHOLS, DAVID A., US

[72] DIXON, MICHAEL D., US

[72] CURTIS, PAVEL, US

[71] PLACEWARE, INC., US

[85] 2000-12-11

[86] 1999-06-11 (PCT/US99/13158)

[87] 1999-12-16 (WO99/64959)

[30] US (09/096,101) 1998-06-11

[21] **2,334,740**  
[13] A1

[51] **Int.Cl. 6B68B 1/02**

[25] EN

[54] **CONTROLLING HALTER FOR ANIMALS**

[54] **LICOL DE CONTROLE POUR ANIMAUX**

[72] ROBERTS, MARVIN E., US

[71] ROBERTS, MARVIN E., US

[85] 2000-12-11

[86] 1999-06-11 (PCT/US99/13022)

[87] 1999-12-16 (WO99/64347)

[30] US (60/088,889) 1998-06-11

[30] US (09/329,617) 1999-06-10

[21] **2,334,735**  
[13] A1

[51] **Int.Cl. 6G07F 7/08**

[25] EN

[54] **SECURE CHECK PROCESSING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE SERVANT A VERIFIER UN CHEQUE BANCAIRE**

[72] GOLDENBERG, DAVID MILTON, US

[71] GOLDENBERG, DAVID MILTON, US

[85] 2000-12-11

[86] 1999-06-10 (PCT/US99/13108)

[87] 1999-12-16 (WO99/64999)

[30] US (09/095,099) 1998-06-10

[21] **2,334,738**  
[13] A1

[51] **Int.Cl. 7H03K 3/00**

[25] EN

[54] **SLAVE CLOCK GENERATION SYSTEM AND METHOD FOR SYNCHRONOUS**

**TELECOMMUNICATIONS NETWORKS**

[54] **SYSTEME DE PRODUCTION**

**D'HORLOGES ASSERVIES ET**

**PROCEDE DESTINE A DES RESEAUX**

**DE TELECOMMUNICATIONS**

**SYNCHRONES**

[72] LAMB, JONATHAN, GB

[72] MCKNIGHT, ANDREW, GB

[72] TONKS, DAVID JOHN, GB

[71] SEMTECH CORPORATION, US

[85] 2000-12-11

[86] 2000-04-17 (PCT/US00/10289)

[87] 2000-11-02 (WO00/65715)

[30] US (09/298,402) 1999-04-23

[21] **2,334,736**  
[13] A1

[51] **Int.Cl. 6B65B 51/04**

[25] EN

[54] **LID ASSEMBLY INCLUDING PIVOTALLY-ATTACHED LID PROP**

**MEMBER**

[54] **COUVERCLE ET BEQUILLE**

**PIVOTANTE ASSOCIEE**

[72] TAYLOR, CRAIG V., US

[71] TAYLOR, CRAIG V., US

[85] 2000-12-08

[86] 1999-06-03 (PCT/US99/12567)

[87] 1999-12-16 (WO99/64298)

[30] US (09/093,428) 1998-06-08

[21] **2,334,741**  
[13] A1

[51] **Int.Cl. 6E21B 7/20 6E21B 10/62**

[25] EN

[54] **A DRILLING TOOL**

[54] **OUTIL DE FORAGE**

[72] WARDLEY, MICHAEL, GB

[71] BBL DOWNHOLE TOOLS LTD., GB

[85] 2000-12-11

[86] 1999-06-09 (PCT/GB99/01816)

[87] 1999-12-16 (WO99/64713)

[30] GB (9812554.5) 1998-06-11

[30] GB (9814597.2) 1998-07-07

[21] **2,334,742**  
[13] A1

[51] **Int.Cl. 6F16K 17/04**

[25] EN

[54] **AUTOMATIC DRAIN VALVE**

[54] **VALVE DE PURGE**

**AUTOMATIQUE**

[72] CORNWELL, JAMES P., US

[71] R. CONRADER COMPANY, US

[85] 2000-12-11

[86] 1999-06-28 (PCT/US99/14567)

[87] 2000-01-06 (WO00/00764)

[30] US (60/091,017) 1998-06-29

[21] **2,334,739**  
[13] A1

[51] **Int.Cl. 6E05C 1/08**

[25] EN

[54] **AUTOMATIC DOOR LATCH**

[54] **SERRURE AUTOMATIQUE DE**

**PORTE**

[72] GALVIN, DONNA, US

[71] GALVIN, DONNA, US

[85] 2000-12-11

[86] 1999-06-01 (PCT/US99/11995)

[87] 1999-12-16 (WO99/64705)

[30] US (09/097,279) 1998-06-12

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[13] A1

[51] **Int.Cl. 7C08F 10/00 7C08F 4/649 7C08F 4/651**  
[25] EN  
[54] **COMPONENTS AND CATALYSTS FOR THE POLYMERIZATION OF OLEFINS**  
[54] **CONSTITUANTS ET CATALYSEURS DE POLYMERISATION D'OLEFINES**  
[72] KLUSENER, PETER A. A., NL  
[72] GULEVICH, YURI V., US  
[72] KELDER, REMCO T., NL  
[72] DUIJGHUISEN, HENRICUS P. B., NL  
[72] KORNDORFFER, FRANCISCUS M., NL  
[72] BALBONTIN, GIULIO, IT  
[72] MORINI, GIAMPIERO, IT  
[71] BASELL TECHNOLOGY COMPANY B.V., NL  
[85] 2000-12-11  
[86] 2000-04-12 (PCT/EP00/03333)  
[87] 2000-10-26 (WO00/63261)  
[30] EP (99201172.6) 1999-04-15

[21] **2,334,744**  
[13] A1

[51] **Int.Cl. 6D21H 23/76 6D21H 21/10 6D21H 23/14 6D21H 17/37 6D21H 17/68**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE PAPIER ET CARTON ET AGENTS DE RETENTION CORRESPONDANTS**  
[54] **METHOD FOR MANUFACTURING PAPER, CARDBOARD AND CORRESPONDING RETAINING AGENTS**  
[72] JEHN-RENDU, CHRISTIAN, FR  
[72] HUND, RENE, FR  
[71] SNF S.A., FR  
[85] 2000-12-11  
[86] 1999-06-01 (PCT/FR99/01277)  
[87] 1999-12-23 (WO99/66130)  
[30] FR (98/07545) 1998-06-12

[21] **2,334,745**  
[13] A1

[51] **Int.Cl. 6A61K 47/48**  
[25] EN  
[54] **RECOMBINANT IMMUNOTOXIN DIRECTED AGAINST THE HIV-1 GP120 ENVELOPE GLYCOPROTEIN**  
[54] **IMMUNOTOXINE DE RECOMBINAISON DIRIGEE VERS LA GLYCOPROTEINE DE L'ENVELOPPE GP120 DU VIH**  
[72] PASTAN, IRA H., US  
[72] BERA, TAPAN K., US  
[72] BERGER, EDWARD A., US  
[72] BARBAS, CARLOS F., III, US  
[72] KENNEDY, PAUL E., US  
[71] THE GOVERNMENT OF THE UNITED STATES, REPRESENTED BY THE SECRETARY OF THE, US  
[85] 2000-12-08  
[86] 1999-06-08 (PCT/US99/12909)  
[87] 1999-12-16 (WO99/64073)  
[30] US (60/088,860) 1998-06-11

[21] **2,334,747**  
[13] A1

[51] **Int.Cl. 6B65G 69/28**  
[25] EN  
[54] **HYDRAULIC CONTROL CIRCUIT FOR A DOCK LEVELER**  
[54] **CIRCUIT DE COMMANDE HYDRAULIQUE POUR UN APPAREIL DE QUAI DE MISE A NIVEAU**  
[72] SWESSEL, MICHAEL A., US  
[71] RITE-HITE HOLDING CORPORATION, US  
[85] 2000-12-08  
[86] 1999-06-09 (PCT/US99/13056)  
[87] 1999-12-16 (WO99/64332)  
[30] US (09/094,296) 1998-06-09

[21] **2,334,748**  
[13] A1

[51] **Int.Cl. 6H04M 1/274 6G06F 3/023**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CHARACTER CASE CONTROL IN A WIRELESS COMMUNICATION DEVICE**  
[54] **SYSTEME ET PROCEDE DE SELECTION DE LA CASSE DES CARACTERES DANS UN DISPOSITIF DE COMMUNICATION SANS FIL**  
[72] ROGERS, JOHN G., US  
[72] KENAGY, JASON B., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2000-12-08  
[86] 1999-06-08 (PCT/US99/12997)  
[87] 1999-12-16 (WO99/65212)  
[30] US (09/094,360) 1998-06-09

[21] **2,334,749**  
[13] A1

[51] **Int.Cl. 6G01N 27/26 6G01N 27/447**  
[25] EN  
[54] **A MICROFABRICATED DEVICE AND METHOD FOR MULTIPLEXED ELECTROKINETIC FOCUSING OF FLUID STREAMS AND A TRANSPORT CYTOMETRY METHOD USING SAME**  
[54] **DISPOSITIF MICRO-USINE, FOCALISATION ELECTROKINETIQUE MULTIPLEXEE DE COURANTS DE FLUIDES, ET CYTOMETRIE PAR TRANSPORT AINSI MISE EN OEUVRE**  
[72] RAMSEY, J. MICHAEL, US  
[72] JACOBSON, STEPHEN C., US  
[71] UT-BATTELLE, LLC, US  
[85] 2000-12-08  
[86] 1999-06-16 (PCT/US99/13542)  
[87] 1999-12-23 (WO99/66318)  
[30] US (09/098,178) 1998-06-16

[21] **2,334,750**  
[13] A1

[51] **Int.Cl. 6A61B 5/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DIAGNOSIS OF A MOOD DISORDER OR PREDISPOSITION THEREFOR**  
[54] **METHODE ET APPAREIL DE DIAGNOSTIC D'UN TROUBLE DE L'HUMEUR OU D'UNE PREDISPOSITION A CELUI-CI**  
[72] MILLER, STEPHEN MARK, AU  
[72] PETTIGREW, JOHN DOUGLAS, AU  
[71] THE UNIVERSITY OF QUEENSLAND, AU  
[85] 2000-12-08  
[86] 1999-06-09 (PCT/AU99/00450)  
[87] 1999-12-16 (WO99/63889)  
[30] AU (PP 3988) 1998-06-09



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[13] A1

[51] **Int.Cl. 6A61K 7/46 6C11D 17/00 6C11D 3/22 6C11D 3/50**  
[25] EN  
[54] **PERFUME COMPOSITIONS**  
[54] **COMPOSITIONS PARFUMANTES**  
[72] GREEN, MICHAEL, GB  
[72] CUNNINGHAM, PHILIP ANDREW, GB  
[72] MCRITCHIE, ALLAN CAMPBELL, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-08  
[86] 1999-06-04 (PCT/IB99/01028)  
[87] 1999-12-23 (WO99/65458)  
[30] EP (98870137.1) 1998-06-15

[21] **2,334,753**  
[13] A1

[51] **Int.Cl. 7B22F 3/02**  
[25] EN  
[54] **METALLIC POWDER MOLDING MATERIAL AND ITS RE-COMPRESSION MOLDED BODY AND SINTERED BODY OBTAINED FROM THE RE-COMPRESSION MOLDED BODY AND PRODUCTION METHODS THEREOF**  
[54] **MATERIAU DE MOULAGE A BASE DE POUDRE METALLIQUE ET CORPS MOULE PAR RECOMPRESSION, CORPS FRITTE OBTENU A PARTIR DUDIT CORPS MOULE PAR RECOMPRESSION, ET PROCEDES DE PRODUCTION Y RELATIFS**  
[72] YOSHIMURA, TAKASHI, JP  
[72] IJIMA, MITSUMASA, JP  
[72] UENOSONO, SATOSHI, JP  
[72] AMMA, HIROYUKI, JP  
[72] FUJINAGA, MASASHI, JP  
[72] UNAMI, SHIGERU, JP  
[72] HATAI, YASUO, JP  
[72] MATSUMOTO, TAKAYUKI, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[71] UNISIA JECS CORPORATION, JP  
[85] 2000-12-08  
[86] 2000-03-17 (PCT/JP00/01615)  
[87] 2000-10-26 (WO00/62960)  
[30] JP (11-110073) 1999-04-16  
[30] JP (11-109056) 1999-04-16

[21] **2,334,754**  
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 31/12**  
[25] EN  
[54] **A PHARMACEUTICAL FORMULATION USEFUL FOR THE TREATMENT OF HEPATITIS B, HEPATITIS C AND OTHER VIRAL INFECTIONS OF THE LIVER AND A PROCESS FOR ITS PREPARATION**  
[54] **FORMULATION PHARMACEUTIQUE UTILE POUR LE TRAITEMENT DE L'HEPATITE B, DE L'HEPATITE C ET D'AUTRES INFECTIONS VIRALES DU FOIE ; PROCEDE DE PREPARATION DE CETTE FORMULATION PHARMACEUTIQUE**  
[72] THYAGARAJAN, SADRAS PANCHATCHARAM, IN  
[71] UNIVERSITY OF MADRAS, IN  
[85] 2000-12-11  
[86] 2000-04-10 (PCT/IN00/00046)  
[87] 2000-10-19 (WO00/61161)  
[30] IN (405/MAS/99) 1999-04-12

[21] **2,334,755**  
[13] A1

[51] **Int.Cl. 6B41J 2/02 6B41J 2/07**  
[25] EN  
[54] **IMPROVED DOT POSITIONING FOR CONTINUOUS INK JET PRINTER**  
[54] **PERFECTIONNEMENT DU POSITIONNEMENT DES POINTS POUR UNE IMPRIMANTE A A JET D'ENCRE CONTINU**  
[72] STAMER, MICHAEL, US  
[72] SHRIVASTAVA, DILIP K., US  
[71] MARCONI DATA SYSTEMS INC., US  
[85] 2000-12-11  
[86] 1999-06-08 (PCT/GB99/01807)  
[87] 1999-12-23 (WO99/65688)  
[30] US (09/096,641) 1998-06-12

[21] **2,334,756**  
[13] A1

[51] **Int.Cl. 6G02B 6/30 6G02B 6/12**  
[25] EN  
[54] **WAVEGUIDE END FACE**  
[54] **SURFACE TRANSVERSALE D'UN GUIDE D'ONDE**  
[72] RICKMAN, ANDREW GEORGE, GB  
[72] HARPIN, ARNOLD PETER ROSCOE, GB  
[71] BOOKHAM TECHNOLOGY PLC, GB  
[85] 2000-12-11  
[86] 1999-04-26 (PCT/GB99/01297)  
[87] 1999-12-23 (WO99/66360)  
[30] GB (9812605.5) 1998-06-12

[21] **2,334,758**  
[13] A1

[51] **Int.Cl. 6A61B 19/00**  
[25] EN  
[54] **STABILIZER FOR SURGERY**  
[54] **STABILISATEUR CHIRURGICAL**  
[72] FANTICOLA, JOHN A., US  
[72] BANIK, ROBERT, US  
[72] POWELL, GERARD A., US  
[72] MARKUS, VICTOR, US  
[72] HOSSAIN, MOSADDEQ, US  
[71] PILLING WECK INCORPORATED, US  
[85] 2000-12-11  
[86] 1999-07-22 (PCT/US99/16598)  
[87] 2000-02-10 (WO00/06041)  
[30] US (09/127,419) 1998-07-31

[21] **2,334,759**  
[13] A1

[51] **Int.Cl. 6G01N 11/16 6G01N 33/49**  
[25] EN  
[54] **AUTOMATIC ANALYSIS APPARATUS USED FOR TIMING BLOOD COAGULATION**  
[54] **APPAREIL D'ANALYSE AUTOMATIQUE UTILISABLE POUR LA DETERMINATION DU TEMPS DE COAGULATION DU SANG**  
[72] ROUSSEAU, ALAIN, FR  
[71] JUNIOR INSTRUMENTS, FR  
[85] 2000-12-11  
[86] 1999-05-06 (PCT/FR99/01082)  
[87] 1999-12-16 (WO99/64839)  
[30] FR (98/07484) 1998-06-10

[21] **2,334,760**  
[13] A1

[51] **Int.Cl. 7A61M 5/24 7B43K 5/14**  
[25] EN  
[54] **ANTIMICROBIAL ALCOHOL GEL PRE-OPERATIVE SKIN- PREPARATION DELIVERY SYSTEMS**  
[54] **DISTRIBUTEURS DE PREPARATION DERMATOLOGIQUE PRE-OPERATOIRE A BASE DE GEL MICROBICIDE ALCOOLISE**  
[72] WILSON, BRUCE H., US  
[72] JENG, DAVID K., US  
[72] SEVERIN, JANE E., US  
[72] CHILDERS, DAVID A., US  
[71] WILSON, BRUCE H., US  
[71] JENG, DAVID K., US  
[71] SEVERIN, JANE E., US  
[71] CHILDERS, DAVID A., US  
[85] 2000-12-11  
[86] 1999-06-09 (PCT/US99/12747)  
[87] 1999-12-16 (WO99/63934)  
[30] US (09/096,256) 1998-06-11

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| <p style="text-align: center;">[21] <b>2,334,761</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/215 6A61K 31/195</b><br/>[25] EN<br/>[54] <b>COMPOSITION COMPRISING .BETA.-HYDROXY-.BETA.-METHYLBUTYRIC ACID AND AT LEAST ONE AMINO ACID AND METHODS OF USE</b><br/>[54] <b>COMPOSITION COMPRENANT DE L'ACIDE .BETA.-HYDROXY-.BETA.-METHYLBUTYRIQUE ET AU MOINS UN AMINO-ACIDE, ET METHODES D'UTILISATION CORRESPONDANTES</b><br/>[72] ABUMRAD, NAJI M., US<br/>[72] NISSEN, STEVEN L., US<br/>[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US<br/>[85] 2000-12-11<br/>[86] 1999-06-23 (PCT/US99/14097)<br/>[87] 1999-12-29 (WO99/66917)<br/>[30] US (09/102,941) 1998-06-23</p> | <p style="text-align: center;">[21] <b>2,334,763</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C01B 31/06 6C30B 29/04</b><br/>[25] EN<br/>[54] <b>HETEROGENEOUS LIQUID-PHASE CRYSTALLISATION OF DIAMOND</b><br/>[54] <b>CRISTALLISATION HETEROGENE ET EN PHASE LIQUIDE DE DIAMANT</b><br/>[72] SEREDA, ANATOLY PAVLOVICH, UA<br/>[71] PISKOVOL, ANATOLY DMITRIEVICH, UA<br/>[71] DYADENKO, ARKADY IGOREVICH, UA<br/>[71] SEREDA, ANATOLY PAVLOVICH, UA<br/>[85] 2000-12-11<br/>[86] 1998-07-08 (PCT/IB98/01431)<br/>[87] 1999-12-16 (WO99/64353)<br/>[30] UA (98063031) 1998-06-11</p> | <p style="text-align: center;">[21] <b>2,334,766</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E04F 15/22</b><br/>[25] EN<br/>[54] <b>SUBFLOOR ASSEMBLY FOR ATHLETIC PLAYING SURFACE HAVING IMPROVED DEFLECTION CHARACTERISTICS</b><br/>[54] <b>ENSEMBLE SOUS-PLANCHER POUR SURFACE DE JEU ATHLETIQUE POSSEDANT DES CARACTERISTIQUES DE FLECHISSEMENT AMELIOREES</b><br/>[72] RANDJELOVIC, ERLIN A., US<br/>[71] CONNOR/AGA SPORTS FLOORING CORPORATION, US<br/>[85] 2000-12-11<br/>[86] 1999-06-11 (PCT/US99/12943)<br/>[87] 1999-12-16 (WO99/64699)<br/>[30] US (09/097,077) 1998-06-12</p>                       |
| <p style="text-align: center;">[21] <b>2,334,762</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01N 21/53</b><br/>[25] EN<br/>[54] <b>BACKSCATTER INSTRUMENT FOR MONITORING PARTICULATE LEVELS IN A GAS STREAM</b><br/>[54] <b>INSTRUMENT DE MESURE DE RETRODIFFUSION PERMETTANT DE CONTROLER LES CONCENTRATIONS DE PARTICULES DANS UN COURANT GAZEUX</b><br/>[72] ROSE, THOMAS H., US<br/>[71] ROSE, THOMAS H., US<br/>[85] 2000-12-11<br/>[86] 1999-06-11 (PCT/US99/13019)<br/>[87] 1999-12-16 (WO99/64841)<br/>[30] US (60/089,196) 1998-06-12</p>  | <p style="text-align: center;">[21] <b>2,334,764</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01S 3/13</b><br/>[25] EN<br/>[54] <b>PULSE CONTROL IN LASER SYSTEMS</b><br/>[54] <b>REGULATION D'IMPULSIONS DANS DES SYSTEMES LASER</b><br/>[72] SMART, DONALD V., US<br/>[71] GENERAL SCANNING, INC., US<br/>[85] 2000-12-11<br/>[86] 1999-06-02 (PCT/US99/12148)<br/>[87] 1999-12-16 (WO99/65123)<br/>[30] US (09/096,600) 1998-06-12</p>  | <p style="text-align: center;">[21] <b>2,334,767</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12N 5/06 6C12N 7/02</b><br/>[25] EN<br/>[54] <b>PROCESS FOR THE IN VITRO REPLICATION OF HCV</b><br/>[54] <b>PROCEDE DE REPLICATION IN VITRO DU VIRUS DE L'HEPATITE C</b><br/>[72] GRIPON, PHILIPPE, FR<br/>[72] RUMIN, SYLVIE, FR<br/>[72] INCHAUSPE, GENEVIEVE, FR<br/>[72] TREPO, CHRISTIAN, FR<br/>[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR<br/>[85] 2000-12-11<br/>[86] 1999-06-23 (PCT/EP99/04337)<br/>[87] 1999-12-29 (WO99/67362)<br/>[30] EP (98401554.5) 1998-06-24</p> |
|  | <p style="text-align: center;">[21] <b>2,334,765</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C03B 37/04 6D21H 17/00 6D21H 13/40</b><br/>[25] EN<br/>[54] <b>DEVICE AND METHOD FOR CENTRIFUGING MINERAL FIBERS</b><br/>[54] <b>DISPOSITIF ET PROCEDE DE CENTRIFUGATION DE FIBRES MINERALES</b><br/>[72] GUYOT, DANIEL, FR<br/>[72] TUFFAL, GUY, FR<br/>[71] SAINT-GOBAIN ISOVER, FR<br/>[85] 2000-12-11<br/>[86] 1999-06-10 (PCT/FR99/01376)<br/>[87] 1999-12-23 (WO99/65835)<br/>[30] FR (98/07461) 1998-06-12</p>   |   |

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[21] **2,334,768**  
[13] A1

[51] **Int.Cl. 6G02F 1/13 6G02F 1/133**  
[25] EN  
[54] **ASSEMBLY INCLUDING AN ACTIVE MATRIX LIQUID CRYSTAL DISPLAY MODULE AND HAVING PLURAL ENVIRONMENTAL SEALS**  
[54] **ENSEMBLE COMPRENANT UN MODULE D’AFFICHAGE A CRISTAUX LIQUIDES A MATRICE ACTIVE ET DOTE DE JOINTS D’ETANCHEITE MULTIPLES ISOLANT LES CRISTAUX LIQUIDES DE L’ENVIRONNEMENT EXTERNE**  
[72] SIMHAMBHATLA, MURTHY, US  
[72] BARRY, DAVID, US  
[72] WYDLER, NILS, US  
[71] TYCO ELECTRONICS CORPORATION, US  
[85] 2000-12-08  
[86] 1999-06-04 (PCT/US99/12522)  
[87] 1999-12-16 (WO99/64922)  
[30] US (09/095,427) 1998-06-10

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[21] **2,334,769**  
[13] A1

[51] **Int.Cl. 6A63F 1/00**  
[25] EN  
[54] **A CARD GAME**  
[54] **JEU DE CARTES**  
[72] MANOV, ATANAS VISSILEV, AU  
[71] AMA CONSULTING ENGINEERS (QLD) PTY.LTD., AU  
[85] 2000-12-11  
[86] 1999-05-12 (PCT/AU99/00357)  
[87] 1999-11-18 (WO99/58211)  
[30] AU (PP 3477) 1998-05-12

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[21] **2,334,770**  
[13] A1

[51] **Int.Cl. 6G01N 33/543 6G01N 27/327**  
[25] EN  
[54] **HIGH THROUGHPUT SCREEN**  
[54] **DISPOSITIF DE CRIBLAGE A GRANDE CAPACITE**  
[72] OWEN, DAVID GERAIN, GB  
[72] BYRNE, NICHOLAS GERARD, GB  
[71] CENES LIMITED, GB  
[85] 2000-12-08  
[86] 1999-06-14 (PCT/GB99/01871)  
[87] 1999-12-23 (WO99/66329)  
[30] GB (9812783.0) 1998-06-12

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[21] **2,334,771**  
[13] A1

[51] **Int.Cl. 6B61L 29/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING OVERALL LENGTH OF A TRAIN**  
[54] **PROCEDE ET APPAREIL POUR DETERMINER LA LONGUEUR TOTALE D’UN TRAIN**  
[72] CURTIS, DWIGHT D., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[85] 2000-12-08  
[86] 1999-02-23 (PCT/US99/03780)  
[87] 1999-08-26 (WO99/42351)  
[30] US (09/028,013) 1998-02-23

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[21] **2,334,772**  
[13] A1

[51] **Int.Cl. 6F16P 3/14**  
[25] EN  
[54] **DEVICE FOR INDIVIDUAL PROTECTION AGAINST MECHANICAL, ELECTRICAL OR THERMAL RISKS**  
[54] **DISPOSITIF DE PROTECTION INDIVIDUELLE CONTRE LES RISQUES MECANIKES, ELECTRIQUES OU THERMIQUES**  
[72] ANGELIDIS, JEAN, FR  
[72] HUET, DANIEL, FR  
[71] INTELLIGENT SAFETY DEVELOPMENT, FR  
[85] 2000-12-11  
[86] 1999-06-11 (PCT/FR99/01396)  
[87] 1999-12-23 (WO99/66253)  
[30] FR (98/07720) 1998-06-16  
[30] FR (98/14916) 1998-11-23

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[21] **2,334,773**  
[13] A1

[51] **Int.Cl. 6C07D 337/00**  
[25] EN  
[54] **BENZOTHIOPINE-1,1-DIOXIDE DERIVATIVES, METHOD FOR PRODUCING THEM, MEDICAMENTS CONTAINING THESE COMPOUNDS AND THEIR USE**  
[54] **DERIVES DE BENZOTHIOPINE-1,1-DIOXYDE, PROCEDES PERMETTANT DE LES PREPARER, MEDICAMENTS CONTENANT LESDITS COMPOSES ET LEUR UTILISATION**  
[72] ENHSEN, ALFONS, DE  
[72] FRICK, WENDELIN, DE  
[72] HEUER, HUBERT, DE  
[72] GLOMBIK, HEINER, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2000-12-08  
[86] 1999-05-29 (PCT/EP99/03743)  
[87] 1999-12-16 (WO99/64409)  
[30] DE (198 25 804.6) 1998-06-10

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[21] **2,334,774**  
[13] A1

[51] **Int.Cl. 7C25B 9/04 7C25B 9/00**  
[25] EN  
[54] **BUSBAR STRUCTURE FOR DIAPHRAGM CELL**  
[54] **STRUCTURE DE BARRE OMNIBUS POUR CELLULE A DIAPHRAGME**  
[72] ROMINE, RICHARD L., US  
[72] FLORKIEWICZ, THOMAS F., US  
[72] JAHN, JOHN J., US  
[72] POHTO, GERALD R., US  
[71] ELTECH SYSTEMS CORPORATION, US  
[85] 2000-12-11  
[86] 1999-07-29 (PCT/US99/17334)  
[87] 2000-02-10 (WO00/06798)  
[30] US (60/094,594) 1998-07-30  
[30] US (09/358,927) 1999-07-23

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[21] **2,334,775**  
[13] A1

[51] **Int.Cl. 6C07D 337/08 6C07K 5/068 6A61K 31/38**  
[25] EN  
[54] **BENZO(B)THIEPINE-1,1-DIOXIDE DERIVATIVES, A METHOD FOR THE PRODUCTION THEREOF, MEDICAMENTS CONTAINING THESE COMPOUNDS, AND THEIR USE**  
[54] **DERIVES DE BENZO(B)THIEPINE-1,1-DIOXYDE, LEUR PROCEDE DE PREPARATION, MEDICAMENTS CONTENANT CES COMPOSES, ET LEUR UTILISATION**  
[72] HEUER, HUBERT, DE  
[72] GLOMBIK, HEINER, DE  
[72] FRICK, WENDELIN, DE  
[72] ENHSEN, ALFONS, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2000-12-08  
[86] 1999-05-28 (PCT/EP99/03701)  
[87] 1999-12-16 (WO99/64410)  
[30] DE (198 25 804.6) 1998-06-10

[21] **2,334,777**  
[13] A1

[51] **Int.Cl. 7H02K 7/18**  
[25] EN  
[54] **IMPROVED COMPACT GENERATOR, LIGHT-EMITTING WHEEL HAVING THE SAME, AND MANUFACTURING METHOD THEREFOR**  
[54] **GENERATRICE COMPACTE AMELIOREE, ROUE ELECTROLUMINESCENTE MUNIE D'UNE TELLE GENERATRICE ET PROCEDE DE FABRICATION**  
[72] HYUN, KWANG-IK, KR  
[71] TELTEK CO., LTD., KR  
[71] HYUN, KWANG-IK, KR  
[85] 2000-12-08  
[86] 2000-03-29 (PCT/KR00/00281)  
[87] 2001-02-10 ()  
[30] KR (99-32822) 1999-08-10

[21] **2,334,779**  
[13] A1

[51] **Int.Cl. 7B21F 37/00 7B21F 1/00**  
[25] EN  
[54] **METHOD AND MACHINE FOR THE MANUFACTURE OF METALLIC FRAMES FOR INNER SPRING MATTRESSES**  
[54] **PROCEDE ET MACHINE DE FABRICATION DE CADRES METALLIQUES POUR LES MATELAS A RESSORTS**  
[72] ANAGNOSTOPOULOS, PANAGIOTIS, GR  
[71] INNOVATECH INTERNATIONAL SA, GR  
[85] 2000-12-08  
[86] 2000-03-03 (PCT/GR00/00009)  
[87] 2000-11-16 (WO00/67933)  
[30] GR (990100157) 1999-05-11

[21] **2,334,780**  
[13] A1

[51] **Int.Cl. 6C07C 317/18 6C07C 215/08 6C07D 295/08 6A61K 31/085 6A61K 31/10 6C07C 323/12 6A61K 31/135 6C07D 303/18 6C07C 43/23 6A61K 31/335 6C07D 303/34 6A61K 31/45**  
[25] EN  
[54] **NOVEL ANTIESTROGENS, A METHOD FOR THE PRODUCTION THEREOF, AND THEIR PHARMACEUTICAL APPLICATION**  
[54] **NOUVEAUX ANTI-ESTROGENES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION PHARMACEUTIQUE**  
[72] BOHLMANN, ROLF, DE  
[72] KLAR, ULRICH, DE  
[72] LICHTNER, ROSEMARIE, DE  
[72] LESSL, MONIKA, DE  
[72] FRITZEMEIER, KARL-HEINRICH, DE  
[72] PARCZYK, KARSTEN, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 2000-12-08  
[86] 1999-06-09 (PCT/EP99/04049)  
[87] 1999-12-16 (WO99/64393)  
[30] DE (198 26 213.2) 1998-06-09

[21] **2,334,781**  
[13] A1

[51] **Int.Cl. 6D21G 3/00**  
[25] EN  
[54] **DOCTOR BLADE AND BLADE HOLDER COMPRISING COMPOSITE MATERIAL AND CERAMIC COATING**  
[54] **RACLE ET SUPPORT DE RACLE COMPRENANT UN MATERIAU COMPOSITE ET UN REVETEMENT CERAMIQUE**  
[72] TOIVANEN, HEIKKI, FI  
[72] ESKELINEN, ILKKA, FI  
[72] NIEMI, KARI, FI  
[72] LINTULA, TIMO, FI  
[72] RATA, ILKKA, FI  
[71] VALMET CORPORATION, FI  
[85] 2000-12-08  
[86] 1999-05-27 (PCT/FI99/00459)  
[87] 1999-12-16 (WO99/64674)  
[30] FI (981312) 1998-06-09

[21] **2,334,782**  
[13] A1

[51] **Int.Cl. 6E21B 37/00 6E21B 37/06**  
[25] EN  
[54] **METHOD FOR PREVENTING DEPOSITS IN OIL EXTRACTION**  
[54] **PROCEDE PERMETTANT D'EVITER LES DEPOTS DANS UN PROCESSUS D'EXTRACTION D'HUILE**  
[72] RAAIJMAKERS, HENDRICUS WILHELMUS CAROLINA, NL  
[72] KUZEE, HENDRIKA CORNELIA, NL  
[71] COOPERATIE COSUN U.A., NL  
[85] 2000-12-08  
[86] 1999-06-09 (PCT/NL99/00358)  
[87] 1999-12-16 (WO99/64716)  
[30] NL (1009356) 1998-06-09

[21] **2,334,784**  
[13] A1

[51] **Int.Cl. 6F16J 15/32**  
[25] EN  
[54] **HUB SEAL WITH LOW INSTALLATION LOAD AND ROTATION PREVENTION STRUCTURE**  
[54] **JOINT DE MOYEU A FAIBLE CHARGE DE MONTAGE ET STRUCTURE ANTI-ROTATION**  
[72] ANDERSON, TODD L., US  
[72] WINN, LAURENCE B., US  
[71] STEMCO, INC., US  
[85] 2000-12-08  
[86] 1999-06-02 (PCT/US99/12484)  
[87] 1999-12-29 (WO99/67555)  
[30] US (09/102,534) 1998-06-22

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[21] **2,334,785**  
[13] A1

[51] **Int.Cl. 6H04N 7/50**  
[25] EN  
[54] **VIDEO ENCODER AND ENCODING METHOD WITH BUFFER CONTROL**  
[54] **CODEUR VIDEO ET PROCEDE DE CODAGE INCLUANT UNE COMMANDE DE LA MEMOIRE TAMPON**  
[72] CHEN, XUEMIN, US  
[72] EIFRIG, ROBERT O., US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2000-12-08  
[86] 1999-05-28 (PCT/US99/11928)  
[87] 1999-12-23 (WO99/66734)  
[30] US (60/090,023) 1998-06-19  
[30] US (09/219,913) 1998-12-23

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[21] **2,334,786**  
[13] A1

[51] **Int.Cl. 6B05B 13/02 6B05B 3/00 6B05D 1/02 6B05B 1/28**  
[25] EN  
[54] **PAINTING APPARATUS AND METHOD**  
[54] **PROCEDE ET DISPOSITIF DE PEINTURE**  
[72] WILLIAMS, TERRY L., US  
[71] ADAC PLASTICS, INC., US  
[85] 2000-12-08  
[86] 1998-10-29 (PCT/US98/23016)  
[87] 1999-12-16 (WO99/64166)  
[30] US (09/094,914) 1998-06-12

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[21] **2,334,787**  
[13] A1

[51] **Int.Cl. 6A41D 5/00 6A41D 27/20**  
[25] EN  
[54] **A COLLAPSIBLE SWIMSUIT**  
[54] **COSTUME DE BAIN REPLIABLE**  
[72] HOLLAND, DAVID C., US  
[71] HOLLAND, DAVID C., US  
[85] 2000-12-08  
[86] 1999-06-08 (PCT/US99/12617)  
[87] 1999-12-16 (WO99/63846)  
[30] US (09/094,242) 1998-06-09

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[21] **2,334,788**  
[13] A1

[51] **Int.Cl. 6A61K 31/165**  
[25] EN  
[54] **N-ACETYL 3-CHLOROPROCAINAMIDE, ACID ADDITION SALTS THEREOF, AND METHODS OF USE**  
[54] **N-ACETYL-3-CHLOROPROCAINAMIDE, SELS D'ADDITION D'ACIDE DE CELUI-CI ET PROCEDES D'UTILISATION ASSOCIES**  
[72] PERO, RONALD W., SE  
[71] OXIGENE, INC., US  
[85] 2000-12-08  
[86] 1999-06-07 (PCT/US99/12715)  
[87] 1999-12-16 (WO99/63987)  
[30] US (09/093,474) 1998-06-08

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[21] **2,334,789**  
[13] A1

[51] **Int.Cl. 6H01B 3/44**  
[25] EN  
[54] **AN INSULATING COMPOSITION FOR COMMUNICATION CABLES**  
[54] **COMPOSITION ISOLANTE DESTINEE A DES CABLES DE COMMUNICATION**  
[72] DAMMERT, RUTH, SE  
[72] ROGESTEDT, LAILA, SE  
[72] THORN, LARS, SE  
[72] MARTINSSON, HANS-BERTIL, SE  
[71] BOREALIS TECHNOLOGY OY, FI  
[85] 2000-12-11  
[86] 1999-06-08 (PCT/SE99/00985)  
[87] 1999-12-16 (WO99/65039)  
[30] SE (9802087-8) 1998-06-12

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[21] **2,334,790**  
[13] A1

[51] **Int.Cl. 6H04N 5/445**  
[25] EN  
[54] **IMPROVEMENTS IN RECEIVERS FOR TELEVISION SIGNALS**  
[54] **AMELIORATIONS DES RECEPTEURS DE SIGNAUX DE TELEVISION**  
[72] JAMES, NICHOLAS, GB  
[72] HOLLIDAY, DAVID, GB  
[72] CROSSLEY, ROBIN, GB  
[71] BRITISH SKY BROADCASTING LIMITED, GB  
[85] 2000-12-11  
[86] 1999-06-14 (PCT/GB99/01873)  
[87] 1999-12-23 (WO99/66721)  
[30] GB (9812797.0) 1998-06-12

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[21] **2,334,791**  
[13] A1

[51] **Int.Cl. 6B65D 75/30 6A61J 1/03 6B65D 75/64**  
[25] EN  
[54] **PEELABLE PACKAGE AND PEELABLY PACKAGING METHOD**  
[54] **EMBALLAGE PELABLE ET PROCEDE D'EMBALLAGE PELABLE**  
[72] HAMAGUCHI, NAORU, JP  
[72] MORIMOTO, SHUJI, JP  
[72] TANAKA, NOBUYOSHI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-12-11  
[86] 1999-06-14 (PCT/JP99/03143)  
[87] 1999-12-23 (WO99/65789)  
[30] JP (10/167990) 1998-06-16  
[30] JP (10/355489) 1998-12-15  
[30] JP (11/13848) 1999-01-22

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[21] **2,334,792**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REFINING SEARCH QUERIES**  
[54] **DISPOSITIF ET PROCEDE POUR AFFINER DES INTERROGATIONS DE RECHERCHE**  
[72] BOWMAN, DWAYNE E., US  
[72] ORTEGA, RUBEN E., US  
[72] HAMRICK, MICHAEL L., US  
[72] SPIEGEL, JOEL R., US  
[72] KOHN, TIMOTHY R., US  
[71] AMAZON.COM, INC., US  
[85] 2000-12-11  
[86] 1999-06-11 (PCT/US99/13035)  
[87] 1999-12-23 (WO99/66427)  
[30] US (60/089,244) 1998-06-15  
[30] US (09/145,360) 1998-09-01

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|---|---|--|
| <p style="text-align: right;">[21] <b>2,334,793</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E03D 9/03</b><br/>[25] EN<br/>[54] <b>DISPENSING LIQUIDS</b><br/>[54] <b>DISTRIBUTION DE LIQUIDES</b><br/>[72] BUHLER, JAMES E., US<br/>[72] BROWN, TREVOR OWEN, GB<br/>[72] CORBA, ROBERT EDWARD, US<br/>[72] MILLER, ALLEN DALE, US<br/>[72] LEONARD, STEPHEN BOWNE, US<br/>[72] DEMAREST, SCOTT W., US<br/>[72] MINEAU, STEVEN B., US<br/>[72] JOHNSON, MARILYN MARIE, US<br/>[71] S. C. JOHNSON &amp; SON, INC., US<br/>[85] 2000-12-11<br/>[86] 1999-06-15 (PCT/GB99/01887)<br/>[87] 1999-12-23 (WO99/66139)<br/>[30] GB (9812892.9) 1998-06-15<br/>[30] GB (9905828.1) 1999-03-12</p> | <p style="text-align: right;">[21] <b>2,334,797</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07C 229/08 6C07K 5/06 6C07D 207/16 6A61K 31/195 6C07D 209/20 6C07C 229/26 6C07C 229/36 6A61K 31/40</b><br/>[25] EN<br/>[54] <b>ANTHRACENE DERIVATIVES AS ANTI-CANCER AGENTS</b><br/>[54] <b>DERIVES D'ANTHRACENE UTILISES COMME AGENTS ANTICANCEREUX</b><br/>[72] TURNBULL, AGNES, GB<br/>[72] MINCHER, DAVID JOHN, GB<br/>[71] BTG INTERNATIONAL LIMITED, GB<br/>[85] 2000-12-05<br/>[86] 1999-06-16 (PCT/GB99/01901)<br/>[87] 1999-12-23 (WO99/65866)<br/>[30] GB (9812937.2) 1998-06-16</p>                         | <p style="text-align: right;">[21] <b>2,334,800</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A01K 15/00 7A61D 7/00 7A01K 11/00 7A01K 29/00</b><br/>[25] EN<br/>[54] <b>A NOSE RING</b><br/>[54] <b>ANNEAU NASAL</b><br/>[72] RICHARD, XAVIER, FR<br/>[71] MAASLAND N.V., NL<br/>[85] 2000-12-05<br/>[86] 2000-03-15 (PCT/NL00/00173)<br/>[87] 2000-11-02 (WO00/64245)<br/>[30] NL (1011884) 1999-04-23</p>  |
| <p style="text-align: right;">[21] <b>2,334,796</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08J 3/00</b><br/>[25] EN<br/>[54] <b>NEW PROTECTIVE COLLOIDS IN LATICES WITH IMPROVED FILM FORMATION AT LOW TEMPERATURES</b><br/>[54] <b>NOUVEAUX COLLOIDES PROTECTEURS DE LATEX A FORMATION DE FILM AMELIOREE A BASSES TEMPERATURES</b><br/>[72] HOFMAN, HANS, NL<br/>[72] SALOMONS, WILLEMEN G., NL<br/>[71] HERCULES INCORPORATED, US<br/>[85] 2000-12-05<br/>[86] 1999-06-17 (PCT/US99/13756)<br/>[87] 1999-12-23 (WO99/65971)<br/>[30] EP (98111077.8) 1998-06-17</p>   | <p style="text-align: right;">[21] <b>2,334,798</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 243/12 6A61K 31/55</b><br/>[25] EN<br/>[54] <b>1,5-BENZODIAZEPINE DERIVATIVES</b><br/>[54] <b>DERIVES 1,5-BENZODIAZEPINE</b><br/>[72] MURATA, MASAKAZU, JP<br/>[72] YONETA, TOMOYUKI, JP<br/>[72] MAEDA, KIYOTO, JP<br/>[72] MIURA, NAOYOSHI, JP<br/>[72] SHINOZAKI, KATSUO, JP<br/>[71] ZERIA PHARMACEUTICAL CO., LTD., JP<br/>[85] 2000-12-05<br/>[86] 1999-05-28 (PCT/JP99/02835)<br/>[87] 1999-12-16 (WO99/64403)<br/>[30] JP (10/172127) 1998-06-05</p>   | <p style="text-align: right;">[21] <b>2,334,801</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b><br/>[25] EN<br/>[54] <b>METHOD AND DEVICE FOR TRANSFORMING A TWO-DIMENSIONAL SANITARY NAPKIN INTO A THREE-DIMENSIONAL ONE</b><br/>[54] <b>PROCEDE ET DISPOSITIF DE TRANSFORMATION D'UNE SERVIETTE HYGIENIQUE BIDIMENSIONNELLE EN UNE SERVIETTE HYGIENIQUE TRIDIMENSIONNELLE</b><br/>[72] AOUAD, YOUSEF, US<br/>[72] BIEN, DENISE JEAN, US<br/>[72] ALVIS, CYNTHIA LEE, US<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-12-05<br/>[86] 1999-06-24 (PCT/IB99/01187)<br/>[87] 2000-01-06 (WO00/00121)<br/>[30] US (09/107,375) 1998-06-30</p> |
| <p style="text-align: right;">[21] <b>2,334,799</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C08L 23/10</b><br/>[25] EN<br/>[54] <b>SOFT PROPYLENE POLYMER BLEND WITH HIGH MELT STRENGTH</b><br/>[54] <b>MELANGE DE POLYMERES PROPYLENIQUES MOUS PRESENTANT UNE RESISTANCE ELEVEE A LA FUSION</b><br/>[72] DONG, DINSHONG, US<br/>[72] DANG, VU ANH, US<br/>[71] BASSELL TECHNOLOGY COMPANY B.V., NL<br/>[85] 2000-12-05<br/>[86] 2000-04-06 (PCT/IB00/00422)<br/>[87] 2000-10-26 (WO00/63287)<br/>[30] US (09/294,037) 1999-04-19</p>   | <p style="text-align: right;">[21] <b>2,334,802</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/543 7G01N 33/94</b><br/>[25] EN<br/>[54] <b>DEVICE FOR THE TESTING OF FLUID SAMPLES AND PROCESS FOR MAKING THE DEVICE</b><br/>[54] <b>DISPOSITIF POUR TESTER DES ECHANTILLONS DE LIQUIDE ET PROCEDE DE PRODUCTION DUDIT DISPOSITIF</b><br/>[72] CIPKOWSKI, STAN, US<br/>[72] WELLS, HENRY J., US<br/>[72] CASTERLIN, DOUGLAS, US<br/>[71] AMERICAN BIO MEDICA CORPORATION, US<br/>[85] 2000-12-05<br/>[86] 2000-04-19 (PCT/US00/08736)<br/>[87] 2000-10-26 (WO00/63697)<br/>[30] US (09/295,095) 1999-04-21</p> | <p style="text-align: right;">[21] <b>2,334,802</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/543 7G01N 33/94</b><br/>[25] EN<br/>[54] <b>DEVICE FOR THE TESTING OF FLUID SAMPLES AND PROCESS FOR MAKING THE DEVICE</b><br/>[54] <b>DISPOSITIF POUR TESTER DES ECHANTILLONS DE LIQUIDE ET PROCEDE DE PRODUCTION DUDIT DISPOSITIF</b><br/>[72] CIPKOWSKI, STAN, US<br/>[72] WELLS, HENRY J., US<br/>[72] CASTERLIN, DOUGLAS, US<br/>[71] AMERICAN BIO MEDICA CORPORATION, US<br/>[85] 2000-12-05<br/>[86] 2000-04-19 (PCT/US00/08736)<br/>[87] 2000-10-26 (WO00/63697)<br/>[30] US (09/295,095) 1999-04-21</p>  |

## PCT Applications Entering the National Phase

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| <p>[21] <b>2,334,803</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/00</b><br/>[25] EN<br/>[54] <b>DEVICE FOR INTRODUCING FIBRIN ADHESIVE INTO A PUNCTURE CHANNEL</b><br/>[54] <b>DISPOSITIF POUR INTRODUIRE DE LA COLLE A LA FIBRINE DANS UN CANAL DE PONCTION</b><br/>[72] ILLI, OSCAR E., CH<br/>[71] WHITE SPOT AG, CH<br/>[85] 2000-12-05<br/>[86] 1999-06-22 (PCT/CH99/00273)<br/>[87] 2000-01-13 (WO00/01305)<br/>[30] CH (1415/98) 1998-07-02</p>   | <p>[21] <b>2,334,806</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C08F 8/24</b><br/>[25] EN<br/>[54] <b>FLUORINATED ELECTRET</b><br/>[54] <b>ELECTRET FLUORE</b><br/>[72] ANGADJIVAND, SEYED A., US<br/>[72] JONES, MARVIN E., US<br/>[72] SOLOMON, JEFFREY L., US<br/>[72] REDMOND, DAVID B., US<br/>[72] LYONS, CHRISTOPHER S., US<br/>[71] 3M INNOVATIVE PROPERTIES COMPANY, US<br/>[85] 2000-12-05<br/>[86] 1999-06-21 (PCT/US99/13917)<br/>[87] 2000-01-13 (WO00/01737)<br/>[30] US (09/109,497) 1998-07-02</p>  | <p>[21] <b>2,334,809</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 41/00 6A61K 47/48</b><br/>[25] EN<br/>[54] <b>TEXAPHYRIN CONJUGATES AND USES THEREOF</b><br/>[54] <b>CONJUGUES DE TEXAPHYRINE ET UTILISATIONS ASSOCIEES</b><br/>[72] MAGDA, DARREN, US<br/>[72] MODY, TARAK, US<br/>[72] SESSLER, JONATHAN L., US<br/>[72] CARVALHO, JOAN, US<br/>[72] ANZENBACHER, PAVEL, US<br/>[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US<br/>[71] PHARMACYCLICS, INC., US<br/>[85] 2000-12-05<br/>[86] 1999-06-04 (PCT/US99/12614)<br/>[87] 1999-12-09 (WO99/62551)<br/>[30] US (60/088,214) 1998-06-05</p> |
| <p>[21] <b>2,334,804</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 9/32</b><br/>[25] EN<br/>[54] <b>SYSTEM AND METHOD FOR ELECTRONIC TRANSMISSION, STORAGE AND RETRIEVAL OF AUTHENTICATED DOCUMENTS</b><br/>[54] <b>SYSTEME ET PROCEDE POUR L'EMISSION, LE STOCKAGE ET L'EXTRACTION ELECTRONIQUES DE DOCUMENTS AUTHENTIFIES</b><br/>[72] WHITE, MICHAEL W., US<br/>[72] TROTTER, DOUGLAS H., US<br/>[72] MOSKOWITZ, JACK J., US<br/>[72] BISBEE, STEPHEN F., US<br/>[71] EORIGINAL INC., US<br/>[85] 2000-12-05<br/>[86] 1999-05-04 (PCT/US99/06563)<br/>[87] 1999-11-11 (WO99/57847)<br/>[30] US (09/072,079) 1998-05-04</p> | <p>[21] <b>2,334,807</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F01N 3/28 7B01J 35/04</b><br/>[25] EN<br/>[54] <b>CANNING STRUCTURAL BODY AND METHOD OF MANUFACTURING CATALYTIC CONVERTER USING THE STRUCTURAL BODY</b><br/>[54] <b>CORPS STRUCTURAL D'ENVELOPEMENT METALLIQUE ET PROCEDE DE FABRICATION D'UN CONVERTISSEUR CATALYTIQUE AU MOYEN DUDIT CORPS STRUCTURAL</b><br/>[72] HIJIKATA, TOSHIHIKO, JP<br/>[72] YAMADA, TOSHIO, JP<br/>[71] NGK INSULATORS, LTD., JP<br/>[85] 2000-12-05<br/>[86] 2000-05-29 (PCT/JP00/03420)<br/>[87] 2000-12-07 (WO00/73637)<br/>[30] JP (11/151836) 1999-05-31</p> | <p>[21] <b>2,334,810</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 51/12</b><br/>[25] EN<br/>[54] <b>METHOD AND DEVICE FOR DELIVERY OF THERAPEUTIC AGENTS IN CONJUNCTION WITH ISOTOPE SEED PLACEMENT</b><br/>[54] <b>PROCEDE ET DISPOSITIF POUR L'ADMINISTRATION D'AGENTS THERAPEUTIQUES EN LIAISON AVEC LA DISPOSITION DE GRAINS POUR LA PRODUCTION D'ISOTOPES</b><br/>[72] LENNOX, CHARLES D., US<br/>[71] SCIMED LIFE SYSTEMS, INC., US<br/>[85] 2000-12-05<br/>[86] 1999-06-03 (PCT/US99/12408)<br/>[87] 1999-12-23 (WO99/65532)<br/>[30] US (09/098,617) 1998-06-17</p>                                      |
| <p>[21] <b>2,334,805</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/575</b><br/>[25] EN<br/>[54] <b>USE OF AMINOSTEROL DERIVATIVES AS CHLORIDE IONPHORES</b><br/>[54] <b>TRANSPORT DU CHLORE PAR PETITES MOLECULES</b><br/>[72] CHENG, SENG H., US<br/>[72] LANE, MATHIEU, US<br/>[72] LEE, EDWARD R., US<br/>[72] HARRIS, DAVID J., US<br/>[72] JIANG, CANWEN, US<br/>[71] GENZYME CORPORATION, US<br/>[85] 2000-12-06<br/>[86] 1999-06-18 (PCT/US99/13877)<br/>[87] 1999-12-23 (WO99/65462)<br/>[30] US (60/089,880) 1998-06-19</p>   | <p>[21] <b>2,334,808</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/58 6H04M 3/50</b><br/>[25] EN<br/>[54] <b>GENERIC DISTRIBUTED MESSAGE BOX</b><br/>[54] <b>BOITE DE MESSAGES DISTRIBUEE GENERIQUE</b><br/>[72] JONSSON, BJORN, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-12-05<br/>[86] 1999-06-22 (PCT/SE99/01124)<br/>[87] 1999-12-29 (WO99/67927)<br/>[30] US (09/103,696) 1998-06-24</p>   | <p>[21] <b>2,334,811</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/42 7A61K 31/44 7A61K 31/495 7A61K 31/535</b><br/>[25] EN<br/>[54] <b>OXAZOLIDINONES TO TREAT EYE INFECTIONS</b><br/>[54] <b>OXAZOLIDINONES POUR LE TRAITEMENT D'INFECTIONS OCULAIRES</b><br/>[72] FORD, CHARLES W., US<br/>[72] COCHRAN, ROBERT J., US<br/>[71] PHARMACIA &amp; UPJOHN COMPANY, US<br/>[85] 2000-12-05<br/>[86] 1999-07-07 (PCT/US99/12367)<br/>[87] 2000-01-27 (WO00/03710)<br/>[30] US (60/092,765) 1998-07-14</p>  |

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[21] **2,334,812**  
[13] A1

[51] **Int.Cl. 6A61K 31/045 6A61K 38/02 6A61K 31/095 6A61K 31/33**  
[25] EN  
[54] **PEPTIDYL-PROLYL CIS-TRANS ISOMERASE INHIBITORS AND USES THEREFOR**  
[54] **INHIBITEURS DE LA PEPTIDYL-PROLYL CIS-TRANS ISOMERIES ET SES UTILISATIONS**  
[72] NOEL, JOSEPH P., US  
[72] HUNTER, TONY R., US  
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/US99/12544)  
[87] 1999-12-16 (WO99/63931)  
[30] US (09/094,436) 1998-06-09

[21] **2,334,814**  
[13] A1

[51] **Int.Cl. 6C07D 401/12 6C07D 405/12 6A61K 31/47**  
[25] EN  
[54] **TETRAHYDROISOQUINOLINE DERIVATIVES AS MODULATORS OF DOPAMINE D3 RECEPTORS**  
[54] **DERIVES DE TETRAHYDROISOQUINOLEINE UTILISES COMME MODULATEURS DES RECEPTEURS D3 DE LA DOPAMINE**  
[72] STEMP, GEOFFREY, GB  
[72] JOHNSON, CHRISTOPHER NORBERT, GB  
[72] BRANCH, CLIVE LESLIE, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2000-12-05  
[86] 1999-06-01 (PCT/EP99/03840)  
[87] 1999-12-16 (WO99/64412)  
[30] GB (9812522.2) 1998-06-10

[21] **2,334,815**  
[13] A1

[51] **Int.Cl. 6A61K 31/67**  
[25] EN  
[54] **COMPOSITION FOR TREATING CARTILAGE DISEASE**  
[54] **COMPOSITION TRAITANT UNE MALADIE DU CARTILAGE**  
[72] MAKINO, HARUHIKO, JP  
[72] SOHDA, TAKASHI, JP  
[72] NOTOYA, KOHEI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-12-05  
[86] 1999-06-14 (PCT/JP99/03154)  
[87] 1999-12-23 (WO99/65474)  
[30] JP (10/167507) 1998-06-15

[21] **2,334,816**  
[13] A1

[51] **Int.Cl. 7H01H 73/44**  
[25] EN  
[54] **ELECTRO-MECHANICAL CIRCUIT BREAKER**  
[54] **COUPE-CIRCUIT ELECTROMECHANIQUE**  
[72] WARD, PATRICK, IE  
[71] TRIPCO LIMITED, IE  
[85] 2000-12-06  
[86] 2000-04-07 (PCT/IE00/00040)  
[87] 2000-10-12 (WO00/60628)  
[30] IE (S990288) 1999-04-07  
[30] IE (S2000/0223) 2000-03-22

[21] **2,334,817**  
[13] A1

[51] **Int.Cl. 6C07D 487/04 6C07D 239/00 6C07D 249/00 6A61K 31/505**  
[25] EN  
[54] **TRIAZOLO-PYRIMIDINES AS LIGANDS FOR GABA RECEPTORS**  
[54] **TRIAZOLO-PYRIMIDINES COMME LIGANDS DE RECEPTEURS DE GABA**  
[72] BROUGHTON, HOWARD BARFF, GB  
[72] STREET, LESLIE JOSEPH, GB  
[72] CASTRO PINEIRO, JOSE LUIS, GB  
[72] GIBSON, KARL RICHARD, GB  
[72] ROWLEY, MICHAEL, GB  
[72] COLLINS, IAN JAMES, GB  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 2000-12-12  
[86] 1999-06-09 (PCT/GB99/01827)  
[87] 1999-12-23 (WO99/65907)  
[30] GB (9813006.5) 1998-06-16

[21] **2,334,818**  
[13] A1

[51] **Int.Cl. 6A61L 15/58**  
[25] EN  
[54] **DISPOSABLE ABSORBENT ARTICLES WITH SKIN ADHESIVE**  
[54] **ARTICLE ABSORBANT JETABLE DOTE D'ADHESIF A APPLIQUER SUR LA PEAU**  
[72] D'ACCHIOLI, VINCENZO, DE  
[72] PALUMBO, GIANFRANCO, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-12  
[86] 1999-06-11 (PCT/US99/12958)  
[87] 2000-01-06 (WO00/00235)  
[30] US (PCT/US98/13287) 1998-06-26

[21] **2,334,819**  
[13] A1

[51] **Int.Cl. 6A61N 1/39**  
[25] EN  
[54] **SYSTEM FOR CLASSIFICATION OF TACHYCARDIA EVENTS**  
[54] **SYSTEME DE CLASSIFICATION D'EVENEMENTS TACHICARDIQUES**  
[72] MARCOVECCHIO, ALAN F., US  
[72] HSU, WILLIAM, US  
[71] CARDIAC PACEMAKERS, INC., US  
[85] 2000-12-12  
[86] 1999-06-17 (PCT/US99/13710)  
[87] 1999-12-23 (WO99/65570)  
[30] US (09/098,654) 1998-06-17

[21] **2,334,820**  
[13] A1

[51] **Int.Cl. 6C07D 513/00**  
[25] EN  
[54] **PROCESS FOR THE SYNTHESIS OF CARBAPENEM INTERMEDIATES, AND COMPOUNDS PRODUCED**  
[54] **PROCEDE PERMETTANT LA SYNTHESE D'INTERMEDIAIRES DE CARBAPENEMS ET COMPOSES PRODUITS**  
[72] MILLER, ROSS A., US  
[72] YASUDA, NOBUYOSHI, US  
[72] HUMPHREY, GUY R., US  
[71] MERCK & CO., INC., US  
[85] 2000-12-12  
[86] 1999-06-11 (PCT/US99/13263)  
[87] 1999-12-23 (WO99/65921)  
[30] US (60/089,585) 1998-06-17

[21] **2,334,821**  
[13] A1

[51] **Int.Cl. 6C07D 413/06 6C07D 249/02**  
[25] EN  
[54] **CHEMICAL SYNTHESIS OF MORPHOLINE DERIVATIVES**  
[54] **SYNTHESE CHIMIQUE DE DERIVES DE MORPHOLINE**  
[72] WILSON, ROBERT DARRIN, GB  
[72] HANDS, DAVID, GB  
[72] COTTRELL, IAN FRANK, GB  
[72] DOLLING, ULF H., US  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 2000-12-12  
[86] 1999-06-10 (PCT/GB99/01842)  
[87] 1999-12-23 (WO99/65900)  
[30] GB (9813025.5) 1998-06-16



## PCT Applications Entering the National Phase

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| <p style="text-align: center;">[21] <b>2,334,822</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H03B 5/18 6G01S 7/03</b><br/>[25] EN<br/>[54] <b>OSCILLATOR CIRCUIT</b><br/>[54] <b>CIRCUIT D'OSCILLATEUR</b><br/>[72] HALLATT, JOHN GILBERT, GB<br/>[72] ALDRED, IAN RICHARD, GB<br/>[71] MICROWAVE SOLUTIONS LIMITED, GB<br/>[85] 2000-12-12<br/>[86] 1999-06-09 (PCT/GB99/01667)<br/>[87] 1999-12-23 (WO99/66635)<br/>[30] GB (9812936.4) 1998-06-16<br/>[30] US (09/098,267) 1998-06-16</p>   | <p style="text-align: center;">[21] <b>2,334,825</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 9/007 6A61N 5/06 6G01S 17/08</b><br/>[25] EN<br/>[54] <b>Z AXIS TRACKER</b><br/>[54] <b>DISPOSITIF DE POURSUITE SELON L'AXE DES Z</b><br/>[72] VAN SAARLOOS, PAUL PHILLIP, AU<br/>[71] THE LIONS EYE INSTITUTE OF WESTERN AUSTRALIA, INCORPORATED, AU<br/>[85] 2000-12-12<br/>[86] 1999-06-17 (PCT/AU99/00479)<br/>[87] 1999-12-23 (WO99/65431)<br/>[30] AU (PP 4202) 1998-06-17</p>  | <p style="text-align: center;">[21] <b>2,334,828</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08L 67/02</b><br/>[25] EN<br/>[54] <b>POLYESTER / PHENYLENEDI (OXYACETIC ACID) COPOLYESTER BLENDS HAVING IMPROVED GAS BARRIER PROPERTIES</b><br/>[54] <b>MELANGES DE COPOLYESTERS DE POLYESTER / PHENYLENEDI (ACIDE OXYACETIQUE) POSSEDANT DES PROPRIETES AMELIOREES D'ETANCHEITE AUX GAZ</b><br/>[72] LONG, TIMOTHY E., US<br/>[72] ROGERS, MARTIN E., US<br/>[72] FAGERBURG, DAVID R., US<br/>[72] BARBEE, ROBERT B., US<br/>[71] EASTMAN CHEMICAL COMPANY, US<br/>[85] 2000-12-12<br/>[86] 1999-06-14 (PCT/US99/13351)<br/>[87] 1999-12-23 (WO99/65988)<br/>[30] US (60/089,221) 1998-06-15<br/>[30] US (60/089,220) 1998-06-15<br/>[30] US (60/089,391) 1998-06-15</p> |
| <p style="text-align: center;">[21] <b>2,334,823</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01L 29/778 6H01L 29/24</b><br/>[25] EN<br/>[54] <b>NITRIDE BASED TRANSISTORS ON SEMI-INSULATING SILICON CARBIDE SUBSTRATES</b><br/>[54] <b>TRANSISTORS A BASE DE NITRURE SUR SUBSTRATS SEMI-ISOLANTS EN CARBURE DE SILICONE</b><br/>[72] SHEPPARD, SCOTT THOMAS, US<br/>[72] ALLEN, SCOTT THOMAS, US<br/>[72] PALMOUR, JOHN WILLIAMS, US<br/>[71] CREE, INC., US<br/>[85] 2000-12-12<br/>[86] 1999-06-02 (PCT/US99/12287)<br/>[87] 2000-01-27 (WO00/04587)<br/>[30] US (09/096,967) 1998-06-12</p> | <p style="text-align: center;">[21] <b>2,334,826</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15 6A61F 5/451</b><br/>[25] EN<br/>[54] <b>FAECAL COLLECTOR HAVING BREATHABLE SKIN ATTACHMENT MEANS</b><br/>[54] <b>COLLECTEUR DE SELLES AVEC MOYEN DE FIXATION A LA PEAU IMPER-RESPIRANT</b><br/>[72] COLES, PETER, IT<br/>[72] EVANGELISTA, OLINDO, IT<br/>[72] THURNAY, EVA SUSANNE DOMINIQUE, IT<br/>[72] CINELLI, FABIO, IT<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-12-12<br/>[86] 1998-06-26 (PCT/US98/13298)<br/>[87] 2000-01-06 (WO00/00126)</p> | <p style="text-align: center;">[21] <b>2,334,829</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C02F 3/30</b><br/>[25] EN<br/>[54] <b>FILTERING PLANT FOR WASTE WATER</b><br/>[54] <b>INSTALLATION DE FILTRAGE D'EAUX USEES</b><br/>[72] WESTLIE, LARS, NO<br/>[72] PEDERSEN, NILS ERIK, NO<br/>[71] JORDFORSK, NO<br/>[85] 2000-12-12<br/>[86] 1999-06-10 (PCT/NO99/00191)<br/>[87] 1999-12-29 (WO99/67173)<br/>[30] NO (19982737) 1998-06-12</p>  |
| <p style="text-align: center;">[21] <b>2,334,824</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08G 59/32 6C08G 59/42</b><br/>[25] EN<br/>[54] <b>RESIN SYSTEM</b><br/>[54] <b>SYSTEME RESINE</b><br/>[72] ROCKS, JENS, CH<br/>[72] FOERSTER, STEFAN, CH<br/>[72] VOHWINKEL, FRIEDRICH, DE<br/>[71] ABB CORPORATE RESEARCH LTD., CH<br/>[85] 2000-12-12<br/>[86] 1999-06-25 (PCT/CH99/00275)<br/>[87] 1999-12-29 (WO99/67315)<br/>[30] DE (198 28 248.6) 1998-06-25</p>  |   |  |

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[21] **2,334,830**  
[13] A1

[51] **Int.Cl. 6A61K 31/35**  
[25] EN  
[54] **METHODS AND ASSAYS USEFUL IN THE TREATMENT OF ALCOHOL DEPENDENCE OR ALCOHOL ABUSE**  
[54] **PROCEDES ET METHODES DE CRIBLAGE UTILES POUR TRAITER LA DEPENDANCE A L'ALCOOL OU L'ABUS D'ALCOOL**  
[72] KEUNG, WING-MING, US  
[72] VALLEE, BERT L., US  
[71] THE ENDOWMENT FOR RESEARCH IN HUMAN BIOLOGY, INC., US  
[85] 2000-12-12  
[86] 1999-05-12 (PCT/US99/10339)  
[87] 1999-11-18 (WO99/58124)  
[30] US (60/085,148) 1998-05-12

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[21] **2,334,831**  
[13] A1

[51] **Int.Cl. 6H04N 7/173 6H04N 7/16**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROMOTING VIEWER INTERACTION IN A TELEVISION SYSTEM**  
[54] **SYSTEME ET PROCEDE VISANT A PROMOUVOIR L'INTERACTION DU TELESPECTATEUR DANS UN SYSTEME DE TELEVISION**  
[72] DUREAU, VINCENT, US  
[71] OPENTV, INC., US  
[85] 2000-12-12  
[86] 1999-05-06 (PCT/US99/10075)  
[87] 1999-12-23 (WO99/66727)  
[30] US (09/098,703) 1998-06-17

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[21] **2,334,832**  
[13] A1

[51] **Int.Cl. 6G08B 13/14**  
[25] EN  
[54] **RADIO FREQUENCY IDENTIFICATION TAG HAVING A PRINTED ANTENNA AND METHOD**  
[54] **ETIQUETTE D'IDENTIFICATION ELECTRONIQUE MUNIE D'UNE ANTENNE A CIRCUITS IMPRIMES ET PROCEDE**  
[72] EBERHARDT, NOEL H., US  
[71] MOTOROLA, INC., US  
[85] 2000-12-12  
[86] 1999-06-18 (PCT/US99/13645)  
[87] 1999-12-29 (WO99/67754)  
[30] US (09/103,226) 1998-06-23

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[21] **2,334,834**  
[13] A1

[51] **Int.Cl. 6B65H 18/26 6B65H 19/22**  
[25] EN  
[54] **REEL-UP AND METHOD FOR REELING OF A WEB**  
[54] **ENROULEMENT ET METHODE D'ENROULEMENT D'UNE BANDE DE PAPIER**  
[72] RATY, JARKKO, FI  
[72] RUHA, PEKKA, FI  
[72] LUNDBERG, JUSSI, FI  
[71] VALMET CORPORATION, FI  
[85] 2000-12-12  
[86] 1999-06-17 (PCT/FI99/00528)  
[87] 1999-12-23 (WO99/65806)  
[30] FI (981427) 1998-06-18

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[21] **2,334,835**  
[13] A1

[51] **Int.Cl. 6A61F 2/24**  
[25] EN  
[54] **MINIMALLY INVASIVE VALVE ANNULUS SIZER**  
[54] **DISPOSITIF DE MESURE DE L'ANNEAU VALVULAIRE PEU VULNERANT**  
[72] JACKMAN, JERRY L., US  
[72] RHEE, RICHARD S., US  
[72] MYERS, KEITH E., US  
[71] EDWARDS LIFESCIENCES CORPORATION, US  
[85] 2000-12-12  
[86] 1999-06-18 (PCT/US99/13774)  
[87] 1999-12-23 (WO99/65423)  
[30] US (09/099,732) 1998-06-18

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[21] **2,334,836**  
[13] A1

[51] **Int.Cl. 6C07D 471/04 6C07D 221/00 6C07D 249/00 6C07D 471/14 6A61K 31/435**  
[25] EN  
[54] **TRIAZOLO-PYRIDINE DERIVATIVES AS LIGANDS FOR GABA RECEPTORS**  
[54] **DERIVES DE TRIAZOLO-PYRIDINE COMME LIGANDS DE RECEPTEURS DE GABA**  
[72] COLLINS, IAN JAMES, GB  
[72] STREET, LESLIE JOSEPH, GB  
[72] CASTRO PINEIRO, JOSE LUIS, GB  
[72] BROUGHTON, HOWARD BARFF, GB  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 2000-12-12  
[86] 1999-06-09 (PCT/GB99/01838)  
[87] 1999-12-23 (WO99/65904)  
[30] GB (9813005.7) 1998-06-16  
[30] GB (9819756.9) 1998-09-10

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[21] **2,334,838**  
[13] A1

[51] **Int.Cl. 6B32B 3/08**  
[25] EN  
[54] **DESK CHAIRMAT WITH HANDLES AND HANG TABS**  
[54] **DESSOUS DE CHAISE DE BUREAU A POIGNEES ET PATTES D'ACCROCHAGE**  
[72] ROBBINS, JOHN C., US  
[72] CARLTON, JOHN D., US  
[72] ROBBINS, EDWARD S., III, US  
[72] HOUSE, GARY L., US  
[71] ROBBINS, EDWARD S., III, US  
[85] 2000-12-11  
[86] 1999-06-15 (PCT/US99/13416)  
[87] 1999-12-23 (WO99/65672)  
[30] US (09/097,586) 1998-06-16  
[30] US (09/110,205) 1998-07-06  
[30] US (09/238,737) 1999-01-28

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[21] **2,334,839**  
[13] A1  
[51] **Int.Cl. 6B29C 63/00 6C08K 5/14 6F16L 55/165**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO LINING METHODS AND MATERIALS**  
[54] **AMELIORATIONS APPORTEES A DES PROCEDES ET A DES MATERIAUX DE REVETEMENT**  
[72] CHANDLER, BRIAN BURNETT, AT  
[71] CHANDLER, BRIAN BURNETT, AT  
[85] 2000-12-12  
[86] 1999-06-16 (PCT/GB99/01903)  
[87] 1999-12-23 (WO99/65665)  
[30] GB (9812968.7) 1998-06-17

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[21] **2,334,842**  
[13] A1  
[51] **Int.Cl. 6H03G 5/00**  
[25] EN  
[54] **CAPACITOR-LESS CROSSOVER NETWORK FOR ELECTRO-ACOUSTIC LOUDSPEAKERS**  
[54] **FILTRE D'AIGUILLAGE SANS CONDENSATEURS POUR HAUT-PARLEURS ELECTROACOUSTIQUES**  
[72] ALEXANDER, ERIC, US  
[71] DIAURAL, L.L.C., US  
[85] 2000-12-11  
[86] 1998-10-02 (PCT/US98/20826)  
[87] 2000-02-03 (WO00/05809)  
[30] US (09/121,753) 1998-07-23

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[21] **2,334,845**  
[13] A1  
[51] **Int.Cl. 7C07C 239/20**  
[25] FR  
[54] **PROCEDE DE PREPARATION D'ALCOXYAMINES A PARTIR DE NITROXYDES**  
[54] **METHOD FOR PREPARING ALKOXYAMINES FROM NITROXIDES**  
[72] SENNINGER, THIERRY, FR  
[72] GUERRET, OLIVIER, FR  
[72] COUTURIER, JEAN-LUC, FR  
[71] ELF ATOCHEM S.A., FR  
[85] 2000-12-07  
[86] 2000-03-24 (PCT/FR00/00750)  
[87] 2000-10-19 (WO00/61544)  
[30] FR (99/04405) 1999-04-08

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[21] **2,334,840**  
[13] A1  
[51] **Int.Cl. 6A23B 4/01 6B65D 81/34**  
[25] EN  
[54] **METHOD AND DEVICE FOR COOKING AND VACUUM PACKING OF MUSSELS WITH MICROWAVES**  
[54] **PROCEDE ET DISPOSITIF DE CUISSON ET D'EMBALLAGE SOUS VIDE DES MOULES AVEC DES MICRO-ONDES**  
[72] HAAMER, JOEL, SE  
[71] MICVAC AB, SE  
[85] 2000-12-11  
[86] 1999-06-14 (PCT/SE99/00974)  
[87] 2000-01-27 (WO00/03605)  
[30] SE (9802212-2) 1998-06-23

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[21] **2,334,843**  
[13] A1  
[51] **Int.Cl. 6C07C 391/02 6A61K 33/04 6C07D 335/06 6C07D 409/12 6A61K 7/40 6C07D 213/80**  
[25] FR  
[54] **COMPOSES DIARYLSELENURES ET LEUR UTILISATION EN MEDECINE HUMAINE OU VETERINAIRE AINSI QU'EN COSMETOLOGIE**  
[54] **DIARYLSELENIDE COMPOUNDS AND THEIR USE IN HUMAN OR VETERINARY MEDICINE AND IN COSMETICS**  
[72] BERNARDON, JEAN-MICHEL, FR  
[72] DIAZ, PHILIPPE, FR  
[71] GALDERMA RESEARCH & DEVELOPMENT, S.N.C., FR  
[85] 2000-12-07  
[86] 1999-06-11 (PCT/FR99/01389)  
[87] 1999-12-23 (WO99/65872)  
[30] FR (98/07439) 1998-06-12

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[21] **2,334,846**  
[13] A1  
[51] **Int.Cl. 6C03C 25/02 6B01J 35/02 6C04B 41/50**  
[25] FR  
[54] **SUBSTRAT A REVETEMENT PHOTOCATALYTIQUE**  
[54] **SUBSTRATE WITH A PHOTOCATALYTIC COATING**  
[72] MARCHAL, ARNAUD, FR  
[72] TALPAERT, XAVIER, FR  
[72] MARZOLIN, CHRISTIAN, FR  
[71] SAINT-GOBAIN RECHERCHE, FR  
[85] 2000-12-08  
[86] 1999-06-10 (PCT/FR99/01375)  
[87] 1999-12-16 (WO99/64364)  
[30] FR (98/07276) 1998-06-10

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[21] **2,334,841**  
[13] A1  
[51] **Int.Cl. 6A46B 7/04**  
[25] EN  
[54] **TOOTHBRUSH WITH AN EXCHANGEABLE PART**  
[54] **BROSSE A DENTS A PARTIE DE POILS REMPLACABLE**  
[72] WEIHRAUCH, GEORG, DE  
[71] CORONET-WERKE GMBH, DE  
[85] 2000-12-12  
[86] 1999-06-15 (PCT/EP99/04128)  
[87] 1999-12-23 (WO99/65358)  
[30] DE (198 27 009.7) 1998-06-17

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[21] **2,334,844**  
[13] A1  
[51] **Int.Cl. 7F41C 27/06**  
[25] EN  
[54] **MOUNTED GRENADE LAUNCHER**  
[54] **LANCE-GRENADES RAPPORTE**  
[72] GIELKE, GERHARD, DE  
[72] GABLOWSKI, JURGEN, DE  
[72] WEICHERT, BERTHOLD, DE  
[71] HECKLER & KOCH GMBH, DE  
[85] 2000-12-11  
[86] 2000-05-31 (PCT/EP00/05000)  
[87] 2000-12-14 (WO00/75596)  
[30] DE (199 25 864.3) 1999-06-07

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[21] **2,334,847**  
[13] A1

[51] **Int.Cl. 7C12Q 1/04**  
[25] FR  
[54] **PROCEDE DE DETERMINATION DE L'EXISTENCE D'UNE ACTIVITE BIOLOGIQUE DE MICRO-ORGANISMES**  
[54] **METHOD FOR DETERMINING THE EXISTENCE OF A BIOLOGICAL ACTIVITY OF MICROORGANISMS**  
[72] ANGLADE, JEAN-YVES, FR  
[72] DENUNZIO DEJUGNAC, CORINNE, FR  
[72] SCARPITTA, ALAIN, FR  
[72] BOISRAYON, MICHEL, FR  
[72] LE PETIT, JEAN, FR  
[72] MATHERON, ROBERT, FR  
[72] BARSOTTI, NATHALIE, FR  
[71] ÉTAT FRANÇAIS REPRÉSENTÉ PAR LE DÉLÉGUÉ GÉNÉRAL POUR L'ARMEMENT, FR  
[85] 2000-12-08  
[86] 2000-04-17 (PCT/FR00/00988)  
[87] 2000-10-26 (WO00/63428)  
[30] FR (99/04731) 1999-04-15

[21] **2,334,848**  
[13] A1

[51] **Int.Cl. 6C07C 51/367 6C07C 51/377 6C07C 59/52 6C07C 59/64 6C07C 45/67**  
[25] FR  
[54] **PROCEDE DE PREPARATION DE COMPOSES P-HYDROXYMANDELIQUES EVENTUELLEMENT SUBSTITUES**  
[54] **METHOD FOR PREPARING P-HYDROXYMANDELIC COMPOUNDS OPTIONALLY SUBSTITUTED**  
[72] FOURNET, FREDERIC, FR  
[72] FRAGNON, JEAN, FR  
[72] JOUVE, ISABELLE, FR  
[71] RHODIA CHIMIE, FR  
[85] 2000-12-11  
[86] 1999-06-16 (PCT/FR99/01442)  
[87] 1999-12-23 (WO99/65853)  
[30] FR (98/07586) 1998-06-16

[21] **2,334,849**  
[13] A1

[51] **Int.Cl. 6G01N 27/414 6G01N 33/00**  
[25] FR  
[54] **DETECTEUR D'UN OU DE PLUSIEURS GAZ POLLUANTS ET SON UTILISATION**  
[54] **DETECTOR FOR ONE OR SEVERAL POLLUTING GASES AND USE THEREOF**  
[72] SIMON, JACQUES, FR  
[72] GUILLAUD, GERARD, FR  
[71] GRIMM R & D, S.A.R.L., FR  
[85] 2000-12-11  
[86] 1999-06-11 (PCT/FR99/01395)  
[87] 1999-12-23 (WO99/66319)  
[30] FR (98/07383) 1998-06-12

[21] **2,334,850**  
[13] A1

[51] **Int.Cl. 6C12N 7/00 6A61K 39/12**  
[25] EN  
[54] **NOVEL METHODS AND INTERFERON DEFICIENT SUBSTRATES FOR THE PROPAGATION OF VIRUSES**  
[54] **NOUVEAUX PROCEDES ET SUBSTRATS DEFICIENTS EN INTERFERON POUR LA PROPAGATION DE VIRUS**  
[72] PALESE, PETER, US  
[72] GARCIA-SASTRE, ADOLFO, US  
[72] O'NEIL, ROBERT, US  
[71] MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK, US  
[85] 2000-12-11  
[86] 1999-06-11 (PCT/US99/13142)  
[87] 1999-12-16 (WO99/64570)  
[30] US (60/089,103) 1998-06-12  
[30] US (60/108,832) 1998-11-18  
[30] US (60/117,683) 1999-01-29

[21] **2,334,851**  
[13] A1

[51] **Int.Cl. 6B21B 1/46 6B21B 3/00 6B21C 37/04 6B21B 1/18**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE PROFILES METALLIQUES DE SECTION POLYGONALE PAR COULEE CONTINUE SUR ROUE A GORGE ET LAMINAGE CONTINU**  
[54] **METHOD FOR PRODUCING METAL SHAPES WITH A POLYGONAL CROSS-SECTION BY MEANS OF CONTINUOUS CASTING ON A DOUBLE-FLANGED WHEEL AND CONTINUOUS ROLLING**  
[72] GOURDET, CHRISTIAN, FR  
[72] THOMAS, GERARD, FR  
[71] ALUMINIUM PECHINEY, FR  
[85] 2000-12-11  
[86] 1999-06-09 (PCT/FR99/01360)  
[87] 1999-12-16 (WO99/64176)  
[30] FR (98/07478) 1998-06-10

[21] **2,334,852**  
[13] A1

[51] **Int.Cl. 7C04B 41/48**  
[25] EN  
[54] **METHOD FOR SEALING POROUS BUILDING MATERIALS AND BUILDING COMPONENTS**  
[54] **PROCEDE POUR RENDRE ETANCHE DES MATERIAUX ET DES ELEMENTS DE CONSTRUCTION POREUX**  
[72] PLEYERS, GERD, DE  
[72] LITTMANN, KLAUS, DE  
[71] PLEYERS, GERD, DE  
[85] 2000-12-11  
[86] 1999-06-23 (PCT/DE99/01825)  
[87] 2000-01-06 (WO00/00451)  
[30] DE (198 28 714.3) 1998-06-29

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[21] **2,334,853**  
[13] A1

[51] **Int.Cl. 6B62D 65/00 6B62D 25/06**  
[25] EN  
[54] **ROOF UNIT AND FLOOR UNIT FOR A ROAD VEHICLE**  
[54] **ENSEMBLE TOIT ET ENSEMBLE PLANCHER D'UN VEHICULE ROUTIER**  
[72] DEFLOIRIN, DURI, CH  
[72] MULLER, WOLFGANG, DE  
[72] WIESCHERMANN, JOCHEN, DE  
[71] ALUSUISSE TECHNOLOGY & MANAGEMENT LTD., CH  
[71] JOHNSON CONTROLS HEADLINER GMBH (FORMERLY BENECKE KALIKO AG), DE  
[85] 2000-12-12  
[86] 1999-06-11 (PCT/CH99/00254)  
[87] 1999-12-23 (WO99/65759)  
[30] CH (1309/98) 1998-06-18

[21] **2,334,854**  
[13] A1

[51] **Int.Cl. 6B61B 12/02 6B61B 1/02**  
[25] FR  
[54] **TELESIEGE A EMBARQUEMENT AMELIORE**  
[54] **CHAIR LIFT WITH IMPROVED BOARDING**  
[72] CROSES, ALAIN, FR  
[72] BEAUMIN, ALAIN, FR  
[71] ETUDES DE TRANSPORTS S.A.R.L., FR  
[85] 2000-12-11  
[86] 1998-07-01 (PCT/FR98/01402)  
[87] 2000-01-13 (WO00/01566)

[21] **2,334,855**  
[13] A1

[51] **Int.Cl. 6H01H 1/00**  
[25] EN  
[54] **METHOD FOR TRANSFERRING INFORMATION**  
[54] **PROCEDE DE TRANSFERT D'INFORMATIONS**  
[72] KARLSSON, PIERRE, SE  
[72] OSSFELDT, JAN, SE  
[72] RUOTTINEN, PER, SE  
[72] REBHAN, RICHARD, SE  
[71] TERACOM AB, SE  
[85] 2000-12-12  
[86] 1998-12-18 (PCT/SE98/02378)  
[87] 1999-07-01 (WO99/33076)  
[30] SE (9704813-6) 1997-12-19

[21] **2,334,856**  
[13] A1

[51] **Int.Cl. 7G01F 1/84**  
[25] EN  
[54] **METHOD AND APPARATUS FOR A SENSITIVITY ENHANCING BALANCE BAR**  
[54] **PROCEDE ET APPAREIL ASSOCIES A UNE BARRE D'EQUILIBRAGE A SENSIBILITE AMELIOREE**  
[72] LANHAM, GREGORY TREAT, US  
[72] STACK, CHARLES PAUL, US  
[72] VAN CLEVE, CRAIG BRAINERD, US  
[71] MICRO MOTION, INC., US  
[85] 2000-12-12  
[86] 1999-05-28 (PCT/US99/11774)  
[87] 2000-01-13 (WO00/02020)  
[30] US (09/108,294) 1998-07-01

[21] **2,334,857**  
[13] A1

[51] **Int.Cl. 6C12N 7/01 6C12N 7/04 6A61K 39/145 6A61K 39/295 6C12N 15/86**  
[25] FR  
[54] **INTERFERON INDUISANT DES VIRUS ATTENUES MIS AU POINT PAR GENIE GENETIQUE**  
[54] **INTERFERON INDUCING GENETICALLY ENGINEERED ATTENUATED VIRUSES**  
[72] GARCIA-SASTRE, ADOLFO, US  
[72] MUSTER, THOMAS, US  
[72] PALESE, PETER, US  
[72] EGOROV, ANDREJ, US  
[71] MUSTER, THOMAS, US  
[71] MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK, US  
[71] EGOROV, ANDREJ, US  
[85] 2000-12-11  
[86] 1999-06-11 (PCT/US99/13139)  
[87] 1999-12-16 (WO99/64571)  
[30] US (60/089,103) 1998-06-12

[21] **2,334,858**  
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 19/10 7A61K 31/12 7A61K 31/22 7A61K 31/35**  
[25] EN  
[54] **NEUROPROTECTIVE COMPOSITION FOR THE PREVENTION AND/OR TREATMENT OF NERVOUS AND BEHAVIOURAL ALTERATIONS DUE TO ANXIETY STATES OR DEPRESSION, COMPRISING ACETYL-L-CARNITINE AND HYPERICIN**  
[54] **COMPOSITION NEUROPROTECTRICE UTILISEE DANS LA PREVENTION ET/OU LE TRAITEMENT DE MODIFICATIONS DU SYSTEME NERVEUX ET DU COMPORTEMENT INDUITES PAR DES ETATS ANXIEUX OU DEPRESSIFS**  
[72] CAVAZZA, CLAUDIO, IT  
[71] SIGMA-TAU HEALTHSCIENCE S.P.A., IT  
[85] 2000-12-12  
[86] 1999-06-17 (PCT/IT99/00175)  
[87] 1999-12-29 (WO99/66914)  
[30] IT (RM98A000425) 1998-06-25

[21] **2,334,859**  
[13] A1

[51] **Int.Cl. 6C07K 14/62 6A61K 38/17**  
[25] EN  
[54] **INSULIN ANALOGUE**  
[54] **ANALOGUE DE L'INSULINE**  
[72] KLEINJUNG, JENS, GB  
[72] BRANDENBURG, DIETRICH, DE  
[72] SHOJAEI-MORADI, FARIBA, GB  
[72] JONES, RICHARD HENRY, GB  
[71] KINGS COLLEGE LONDON, GB  
[71] DEUTSCHES WOLFFORSCHUNGSINSTITUT, DE  
[85] 2000-12-12  
[86] 1998-06-12 (PCT/GB98/01722)  
[87] 1999-12-23 (WO99/65941)

[21] **2,334,860**  
[13] A1

[51] **Int.Cl. 6A61F 5/01**  
[25] FR  
[54] **ORTHESE DU MEMBRE INFERIEUR**  
[54] **ORTHOTIC DEVICE FOR A LOWER LIMB**  
[72] CHIGNON, JEAN-JACQUES, FR  
[71] CHIGNON, JEAN-JACQUES, FR  
[85] 2000-12-12  
[86] 1999-06-15 (PCT/FR99/01412)  
[87] 1999-12-29 (WO99/66868)  
[30] FR (98/07820) 1998-06-22

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[21] **2,334,861**  
[13] A1

[51] **Int.Cl. 6H03H 21/00**  
[25] EN  
[54] **ADAPTIVE STATE SPACE SIGNAL SEPARATION, DISCRIMINATION AND RECOVERY ARCHITECTURES AND THEIR ADAPTATIONS FOR USE IN DYNAMIC ENVIRONMENTS**  
[54] **ARCHITECTURES DE SEPARATION, DE DISCRIMINATION ET DE RECUPERATION ADAPTATIVES DE SIGNAUX DANS L'ESPACE DES ETATS ET LEURS ADAPTATIONS POUR UTILISATION DANS DES ENVIRONNEMENTS DYNAMIQUES**  
[72] SALAM, FATHI M., US  
[72] ERTEN, GAMZE, US  
[71] CLARITY, LLC, US  
[85] 2000-12-12  
[86] 1999-06-16 (PCT/US99/13550)  
[87] 1999-12-23 (WO99/66638)  
[30] US (60/089,750) 1998-06-18

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[21] **2,334,862**  
[13] A1

[51] **Int.Cl. 7H01L 29/786 7H01L 51/40**  
[25] EN  
[54] **AN INTEGRATED INORGANIC/ORGANIC COMPLEMENTARY THIN-FILM TRANSISTOR CIRCUIT AND A METHOD FOR ITS PRODUCTION**  
[54] **CIRCUIT A TRANSISTORS COMPLEMENTAIRES INORGANIQUE/ORGANIQUE INTEGRES A COUCHES MINCES**  
[72] JACKSON, THOMAS, US  
[72] THOMASSON, DANIEL B., US  
[72] BONSE, MATHIAS, US  
[72] GUNDLACH, DAVID J., US  
[72] HAGEN, KLAUK, US  
[71] THIN FILM ELECTRONICS ASA, NO  
[85] 2000-12-12  
[86] 1999-06-18 (PCT/NO99/00208)  
[87] 1999-12-23 (WO99/66540)  
[30] US (60/089,830) 1998-06-19  
[30] NO (19985729) 1998-12-08

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[21] **2,334,863**  
[13] A1

[51] **Int.Cl. 6C07K 9/00 6C07H 3/06 6A61K 38/14 6A61K 31/70**  
[25] EN  
[54] **ANTITHROMBOTIC COMPOUNDS**  
[54] **COMPOSES ANTITHROMBOTIQUES**  
[72] BUIJSMAN, ROGIER CHRISTIAN, NL  
[72] DREEF-TROMP, CORNELIA MARIA, NL  
[72] BASTEN, JOHANNES EGBERTUS MARIA, NL  
[72] VAN BOECKEL, CONSTANT ADRIAAN ANTON, NL  
[71] UNIVERSITEIT LEIDEN, NL  
[71] AKZO NOBEL N.V., NL  
[85] 2000-12-12  
[86] 1999-06-11 (PCT/EP99/04100)  
[87] 1999-12-23 (WO99/65934)  
[30] EP (98202037.2) 1998-06-17

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[21] **2,334,864**  
[13] A1

[51] **Int.Cl. 6C07D 307/32 6G01N 30/04**  
[25] EN  
[54] **A REFERENCE COMPOUND FOR USE IN THE ANALYSIS OF LEVOSIMENDAN BATCHES**  
[54] **COMPOSE DE REFERENCE DESTINE A ETRE UTILISE DANS L'ANALYSE DE LOTS DE LEVOSIMENDAN**  
[72] BACKSTROM, REIJO, FI  
[72] HEINONEN, TUULA, FI  
[72] HAUTA-AHO, TUULA, FI  
[71] ORION CORPORATION, FI  
[85] 2000-12-12  
[86] 1999-06-18 (PCT/FI99/00539)  
[87] 1999-12-23 (WO99/65888)  
[30] FI (981428) 1998-06-18

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[21] **2,334,865**  
[13] A1

[51] **Int.Cl. 7G06F 17/27**  
[25] EN  
[54] **COMPUTER SYSTEM AND METHOD FOR DISPLAYING DATA IN A SHARED INTERACTIVE SECTORIAL GRAPH**  
[54] **SYSTEME INFORMATIQUE ET PROCEDE POUR AFFICHER DES DONNEES DANS UN GRAPHIQUE SECTORIEL INTERACTIF PARTAGE**  
[72] GOOD, MICHAEL, US  
[72] WILSON, JOHN III, US  
[72] ELLIOTT, KEITH, US  
[72] PLATTNER, HASSO, DE  
[71] SAP AKTIENGESELLSCHAFT, DE  
[85] 2000-12-12  
[86] 1999-11-02 (PCT/EP99/08396)  
[87] 2000-05-11 (WO00/26812)  
[30] US (09/186,672) 1998-11-04

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[21] **2,334,866**  
[13] A1

[51] **Int.Cl. 6D01H 1/08**  
[25] EN  
[54] **POT SPINNING DEVICE**  
[54] **DISPOSITIF A FILER A GAMELLE**  
[72] ALTHERR, MARCEL, DE  
[72] BENNER, JOACHIM, DE  
[72] TROEDER, CHRISTOPH, DE  
[71] SCHIESSL, HELMUT R., DE  
[85] 2000-12-11  
[86] 1999-04-01 (PCT/EP99/02273)  
[87] 1999-10-14 (WO99/51800)  
[30] DE (198 15 546.8) 1998-04-07

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[21] **2,334,867**  
[13] A1

[51] **Int.Cl. 6F16F 13/26 6F16F 13/08**  
[25] EN  
[54] **VIBRATION AND/OR SHOCK ABSORBING DEVICES AND COMPENSATOR ELEMENTS UTILIZED THEREIN**  
[54] **DISPOSITIFS D'AMORTISSEMENT DES VIBRATIONS ET/OU DES CHOCS ET ELEMENTS COMPENSATEURS EQUIPANT LESDITS DISPOSITIFS**  
[72] WHITEFORD, GERALD P., US  
[71] LORD CORPORATION, US  
[85] 2000-12-11  
[86] 1999-06-08 (PCT/US99/12875)  
[87] 1999-12-16 (WO99/64764)  
[30] US (09/095,207) 1998-06-10

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## PCT Applications Entering the National Phase

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| <p>[21] <b>2,334,868</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01F 38/12 6F02P 3/01</b><br/>[25] EN<br/>[54] <b>SPARK IGNITION SYSTEM HAVING A CAPACITIVE DISCHARGE SYSTEM AND A MAGNETIC CORE-COIL ASSEMBLY</b><br/>[54] <b>SYSTEME A ALLUMAGE PAR ETINCELLE MUNI D'UN SYSTEME A DECHARGE CAPACITIVE ET D'UN ENSEMBLE NOYAU-BOBINE MAGNETIQUE</b><br/>[72] RAPOPORT, WILLIAM ROSS, US<br/>[72] PAPANESTOR, PAUL ALEXANDER, US<br/>[71] ALLIEDSIGNAL INC., US<br/>[85] 2000-12-11<br/>[86] 1999-06-11 (PCT/US99/13265)<br/>[87] 1999-12-16 (WO99/65041)<br/>[30] US (09/096,022) 1998-06-11</p>   | <p>[21] <b>2,334,870</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 495/04 6A61K 31/44</b><br/>[25] EN<br/>[54] <b>POLYMORPHIC CLOPIDOGREL HYDROGENESULPHATE FORM</b><br/>[54] <b>FORME POLYMORPHE DE L'HYDROGENOSULFATE DE CLOPIDOGREL</b><br/>[72] CASTRO, BERTRAND, FR<br/>[72] SAINT-GERMAIN, JEAN, FR<br/>[72] BOUSQUET, ANDRE, FR<br/>[71] SANOFI-SYNTHELABO, FR<br/>[85] 2000-12-11<br/>[86] 1999-06-10 (PCT/FR99/01371)<br/>[87] 1999-12-23 (WO99/65915)<br/>[30] FR (98/07464) 1998-06-15</p>  | <p>[21] <b>2,334,873</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B63B 7/08</b><br/>[25] EN<br/>[54] <b>AUTOMATICALLY INFLATABLE BOAT</b><br/>[54] <b>BATEAU GONFLABLE AUTOMATIQUEMENT</b><br/>[72] DALE, GARY, CA<br/>[72] HEMPHILL, DOUGLAS, CA<br/>[71] ZODIAC HURRICANE TECHNOLOGIES, INC., CA<br/>[85] 2000-12-11<br/>[86] 1999-06-23 (PCT/IB99/01173)<br/>[87] 2000-01-06 (WO00/00381)<br/>[30] US (09/106,307) 1998-06-29</p> |
| <p>[21] <b>2,334,869</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/56 6H04Q 11/04</b><br/>[25] EN<br/>[54] <b>ADMISSION CONTROL METHOD AND SWITCHING NODE FOR INTEGRATED SERVICES PACKET-SWITCHED NETWORKS</b><br/>[54] <b>PROCEDE DE COMMANDE D'ADMISSION ET NOEUD DE COMMUTATION POUR RESEAUX A COMMUTATION PAR PAQUETS A SERVICES INTEGRES</b><br/>[72] VERES, ANDRAS, HU<br/>[72] TURANYI, ZOLTAN, HU<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-12-11<br/>[86] 1999-05-20 (PCT/EP99/03481)<br/>[87] 1999-12-23 (WO99/66676)<br/>[30] GB (9812789.7) 1998-06-12</p>  | <p>[21] <b>2,334,871</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b><br/>[25] EN<br/>[54] <b>METHOD AND SYSTEM FOR SELECTING CANDIDATES FOR EMPLOYMENT</b><br/>[54] <b>METHODE ET SYSTEME DE SELECTION DE CANDIDATS A UN EMPLOI</b><br/>[72] BENHEIM, DAVID ANDRE, AU<br/>[71] RESUME NETWORK PTY LTD., AU<br/>[85] 2000-12-11<br/>[86] 1999-06-11 (PCT/AU99/00466)<br/>[87] 1999-10-28 (WO99/54835)<br/>[30] AU (PP 4030) 1998-06-11</p>  | <p>[21] <b>2,334,874</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A41F 1/04 6A61F 5/03</b><br/>[25] EN<br/>[54] <b>BAND FOR CLOSING CORSETS</b><br/>[54] <b>BANDE POUR FERMETURE DE CORSETS</b><br/>[72] MEIJIDE GARCIA, JOSE LUIS, ES<br/>[71] PRIM S.A., ES<br/>[85] 2000-12-11<br/>[86] 1998-06-11 (PCT/ES98/00168)<br/>[87] 1999-12-16 (WO99/63848)</p>  |
| <p>[21] <b>2,334,872</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/26</b><br/>[25] EN<br/>[54] <b>GLUCAGON-LIKE PEPTIDE-1 IMPROVES .BETA.-CELL RESPONSE TO GLUCOSE IN SUBJECTS WITH IMPAIRED GLUCOSE TOLERANCE</b><br/>[54] <b>PEPTIDE 1 RESEMBLANT AU GLUCAGON, PERMETTANT D'AMELIORER LA CAPACITE DE LA CELLULE-G.(BETA.) A DETECTER LE GLUCOSE ET D'Y REpondre CHEZ DES SUJETS SOUFFRANT DE TOLERANCE GLUCIDIQUE DEFICIENTE</b><br/>[72] COOLIDGE, THOMAS R., US<br/>[72] BYRNE, MARIA, US<br/>[72] GOKE, BURKHARD, DE<br/>[71] BIONEBRASKA, INC., US<br/>[85] 2000-12-11<br/>[86] 1999-05-07 (PCT/US99/10040)<br/>[87] 1999-12-16 (WO99/64061)<br/>[30] US (60/089,044) 1998-06-12</p> | <p>[21] <b>2,334,875</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 35/78 7A61P 19/10 7A61K 31/22 7A61K 31/35</b><br/>[25] EN<br/>[54] <b>COMPOSITION FOR THE PREVENTION AND/OR TREATMENT OF OSTEOPOROSIS AND ALTERATIONS DUE TO MENOPAUSE SYNDROME, COMPRISING PROPIONYL-L-CARNITINE AND GENISTEIN</b><br/>[54] <b>COMPOSITION UTILISEE DANS LA PREVENTION ET/OU LE TRAITEMENT DE L'OSTEOPOROSE ET MODIFICATIONS INDUITES PAR LE SYNDROME DE LA MENOPAUSE</b><br/>[72] CAVAZZA, CLAUDIO, IT<br/>[71] SIGMA-TAU HEALTHSCIENCE S.P.A., IT<br/>[85] 2000-12-12<br/>[86] 1999-06-17 (PCT/IT99/00174)<br/>[87] 1999-12-29 (WO99/66913)<br/>[30] IT (RM98A000417) 1998-06-23</p> |   |

## Demandes PCT entrant en phase nationale

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|---|--|--|
| <p style="text-align: right;">[21] <b>2,334,876</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B63B 35/79</b><br/>[25] EN<br/>[54] <b>WIND PROPELLED WATERCRAFT</b><br/>[54] <b>ENGIN FLOTTANT PROPULSE PAR LE VENT</b><br/>[72] ARAEEN, RASHEED, GB<br/>[71] ARAEEN, RASHEED, GB<br/>[85] 2000-12-11<br/>[86] 1999-05-25 (PCT/GB99/01642)<br/>[87] 2000-01-06 (WO00/00382)<br/>[30] US (09/105,443) 1998-06-26<br/>[30] US (09/282,720) 1999-03-31</p>  | <p style="text-align: right;">[21] <b>2,334,879</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H01J 65/04 7H01J 5/54</b><br/>[25] EN<br/>[54] <b>DISCHARGE LAMP WITH BASE</b><br/>[54] <b>LAMPE A DECHARGE COMPORTANT UN CULOT</b><br/>[72] GENGER, ULRICH, DE<br/>[72] ALLGEIER, CLAUS, DE<br/>[72] WITTKOTTER, REINHOLD, DE<br/>[72] KECK, HANS-JURGEN, DE<br/>[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE<br/>[85] 2000-12-12<br/>[86] 2000-02-19 (PCT/DE00/00478)<br/>[87] 2000-10-19 (WO00/62330)<br/>[30] DE (199 16 877.6) 1999-04-14</p>   | <p style="text-align: right;">[21] <b>2,334,882</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65D 47/26 6B65D 47/28</b><br/>[25] EN<br/>[54] <b>SELF-CLOSING POWDER CAP</b><br/>[54] <b>CAPUCHON A FERMETURE AUTOMATIQUE POUR PRODUITS EN POUDRE</b><br/>[72] SHERMAN, ADAM, US<br/>[72] THAYER, JONATHAN, US<br/>[71] E-L MANAGEMENT CORP., US<br/>[85] 2000-12-11<br/>[86] 1999-06-10 (PCT/US99/13120)<br/>[87] 1999-12-16 (WO99/64314)<br/>[30] US (09/095,395) 1998-06-10</p>   |
| <p style="text-align: right;">[21] <b>2,334,877</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A23C 9/127 7A61P 19/10 7A23C 9/13</b><br/>[25] EN<br/>[54] <b>DIETARY SUPPLEMENT DERIVED FROM FERMENTED MILKS FOR THE PREVENTION OF OSTEOPOROSIS</b><br/>[54] <b>SUPPLEMENT ALIMENTAIRE DERIVE DE LAITS FERMENTES POUR PREVENIR L'OSTEOPOROSE</b><br/>[72] WEISSMAHR, JOSEPH A., CH<br/>[71] SIGMA-TAU HEALTHSCIENCE S.P.A., IT<br/>[85] 2000-12-12<br/>[86] 2000-04-07 (PCT/IT00/00130)<br/>[87] 2000-10-19 (WO00/60950)<br/>[30] CH (683/99) 1999-04-13</p> | <p style="text-align: right;">[21] <b>2,334,880</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60 6G06F 17/30</b><br/>[25] EN<br/>[54] <b>SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR PROVIDING RELATIONAL PATTERNS BETWEEN ENTITIES</b><br/>[54] <b>SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE PERMETTANT D'ETABLIR DES SCHEMAS RELATIONNELS ENTRE DES ENTITES</b><br/>[72] DE L'ETRAZ, PARIS, ES<br/>[72] BRUDERER, OTTO, CH<br/>[72] FEES, JAMES R., BE<br/>[72] FEES, CHRISTINA M., GB<br/>[72] HATCHER, PAUL, GB<br/>[71] BOARDWALK LTD., BM<br/>[85] 2000-12-11<br/>[86] 1999-06-11 (PCT/IB99/01090)<br/>[87] 1999-12-16 (WO99/64970)<br/>[30] NL (1009376) 1998-06-11<br/>[30] US (09/245,759) 1999-02-08</p> | <p style="text-align: right;">[21] <b>2,334,883</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C01G 45/08 6C10G 25/00</b><br/>[25] EN<br/>[54] <b>TWO STAGE HYDRODESULFURIZATION PROCESS</b><br/>[54] <b>PROCEDE D'HYDRODESULFURATION EN DEUX ETAPES</b><br/>[72] BRIGNAC, GARLAND BARRY, US<br/>[72] COKER, JOHN CALVIN, US<br/>[72] KAUFMAN, JEFFREY LAWRENCE, US<br/>[71] EXXON RESEARCH AND ENGINEERING COMPANY, US<br/>[85] 2000-12-12<br/>[86] 1999-05-21 (PCT/US99/11325)<br/>[87] 1999-12-23 (WO99/65825)<br/>[30] US (09/099,626) 1998-06-18</p> |
| <p style="text-align: right;">[21] <b>2,334,878</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01N 21/86</b><br/>[25] EN<br/>[54] <b>METHOD AND DEVICE FOR DETERMINING FIBRE ORIENTATION IN A PAPER SAMPLE</b><br/>[54] <b>PROCEDE ET DISPOSITIF DE DETERMINATION DE L'ORIENTATION DES FIBRES DANS UN ECHANTILLON DE PAPIER</b><br/>[72] KOMPPA, ANTERO, FI<br/>[71] AMBERTEC OY, FI<br/>[85] 2000-12-11<br/>[86] 1999-06-21 (PCT/FI99/00544)<br/>[87] 1999-12-29 (WO99/67625)<br/>[30] FI (981443) 1998-06-23</p>  | <p style="text-align: right;">[21] <b>2,334,881</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B21D 39/04 7B25B 27/10</b><br/>[25] EN<br/>[54] <b>SLOTTED CRIMPING DIE FOR USE IN A CRIMPING MACHINE</b><br/>[54] <b>MATRICE A ENCOCHE POUR MACHINE A SERTIR</b><br/>[72] REYNOLDS, ANDREW PAUL, GB<br/>[71] THE GATES CORPORATION, US<br/>[85] 2000-12-12<br/>[86] 2000-04-13 (PCT/US00/09870)<br/>[87] 2000-10-19 (WO00/61985)<br/>[30] US (09/291,240) 1999-04-13</p>  | <p style="text-align: right;">[21] <b>2,334,884</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01M 8/10</b><br/>[25] EN<br/>[54] <b>A FUEL CELL</b><br/>[54] <b>PILE A COMBUSTIBLE</b><br/>[72] ZHU, BIN, SE<br/>[71] ZHU, BIN, SE<br/>[85] 2000-12-11<br/>[86] 1999-06-11 (PCT/SE99/01046)<br/>[87] 1999-12-16 (WO99/65098)<br/>[30] SE (9802103-3) 1998-06-12</p>  |



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[21] **2,334,885**  
[13] A1

[51] **Int.Cl. 6B32B 27/12 6B32B 3/02 6B32B 31/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PIN-HOLE PREVENTION IN ZONE LAMINATES**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'EVITER LA FORMATION DE PIQUES DANS DES LAMINES ZONAUX**  
[72] MUSHABEN, THOMAS G., US  
[71] CLOPAY PLASTIC PRODUCTS COMPANY, INC., US  
[85] 2000-12-12  
[86] 1999-05-20 (PCT/US99/11131)  
[87] 2000-02-10 (WO00/06377)  
[30] US (09/124,583) 1998-07-29

[21] **2,334,886**  
[13] A1

[51] **Int.Cl. 6F16K 1/44**  
[25] EN  
[54] **DUAL SAFETY VALVE**  
[54] **DOUBLE VANNE DE SECURITE**  
[72] WORNER, JURGEN, DE  
[71] KARL DUNGS GMBH & CO., DE  
[85] 2000-12-12  
[86] 1999-06-05 (PCT/DE99/01648)  
[87] 1999-12-16 (WO99/64770)  
[30] DE (198 26 076.8) 1998-06-12

[21] **2,334,887**  
[13] A1

[51] **Int.Cl. 7B01D 21/26 7B04B 5/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING PLATELET RICH PLASMA AND/OR PLATELET CONCENTRATE**  
[54] **METHODE ET APPAREIL PERMETTANT DE PRODUIRE UN PLASMA RICHE EN PLAQUETTES ET/OU UN CONCENTRE DE PLAQUETTES**  
[72] KEVY, SHERWIN V., US  
[72] BLASETTI, LOU, US  
[71] HARVEST TECHNOLOGIES CORPORATION, US  
[85] 2000-12-12  
[86] 2000-04-11 (PCT/US00/08718)  
[87] 2000-10-19 (WO00/61256)  
[30] US (60/128,800) 1999-04-12

[21] **2,334,888**  
[13] A1

[51] **Int.Cl. 7G02B 6/16**  
[25] EN  
[54] **OPTICAL FIBER AND OPTICAL COMMUNICATION SYSTEM COMPRISING THE SAME**  
[54] **FIBRE OPTIQUE ET SYSTEME DE COMMUNICATION OPTIQUE COMPRENANT CELLE-CI**  
[72] KATO, TAKATOSHI, JP  
[72] HIRANO, MASAOKI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[85] 2000-12-12  
[86] 2000-04-13 (PCT/JP00/02423)  
[87] 2000-10-19 (WO00/62106)  
[30] JP (11/105452) 1999-04-13  
[30] JP (11/160922) 1999-06-08

[21] **2,334,889**  
[13] A1

[51] **Int.Cl. 6H04L 9/32**  
[25] EN  
[54] **REFERRER-BASED SYSTEM FOR TRY/BUY ELECTRONIC SOFTWARE DISTRIBUTION**  
[54] **SYSTEME ARTICULE AUTOUR D'UN AGENT POUR L'ESSAI/ACHAT DE COPIE LOGICIEL ELECTRONIQUE**  
[72] HORSTMANN, CAY S., US  
[71] PREVIEW SYSTEMS, INC., US  
[85] 2000-12-12  
[86] 1999-07-16 (PCT/US99/14151)  
[87] 2000-01-27 (WO00/04674)  
[30] US (09/116,591) 1998-07-16

[21] **2,334,890**  
[13] A1

[51] **Int.Cl. 7H04B 10/17 7H01S 3/067**  
[25] EN  
[54] **INPUT INDEPENDENT TILT FREE BROADBAND AMPLIFIER WITH DYNAMIC GAIN EQUALISATION**  
[54] **AMPLIFICATEUR LARGE BANDE A GAIN EGALISE ACTIVEMENT, EXEMPT D'ECART DE NIVEAUX DE GAIN ET INDEPENDANT DU SIGNAL D'ENTREE**  
[72] DIGNAM, MARC M., CA  
[72] YANG, DAN DAN, CA  
[71] AFC TECHNOLOGIES INC., CA  
[85] 2000-12-11  
[86] 2000-05-09 (PCT/CA00/00537)  
[87] 2000-11-16 (WO00/69099)  
[30] US (09/307,704) 1999-05-10

[21] **2,334,891**  
[13] A1

[51] **Int.Cl. 6B01L 3/00 6B01L 7/00 6C12Q 1/68**  
[25] EN  
[54] **METHOD AND DEVICE FOR PREPARING SAMPLES FOR DETECTING A NUCLEOTIDE SEQUENCE**  
[54] **PROCEDE ET DISPOSITIF POUR PREPARER DES ECHANTILLONS DESTINES A LA DETECTION D'UNE SEQUENCE NUCLEOTIDIQUE**  
[72] BERTLING, WOLF, DE  
[71] NOVEMBER AKTIENGESELLSCHAFT GESELLSCHAFT FUR MOLEKULARE MEDIZIN, DE  
[85] 2000-12-11  
[86] 1999-05-29 (PCT/DE99/01589)  
[87] 1999-12-16 (WO99/64157)  
[30] DE (198 26 153.5) 1998-06-12

[21] **2,334,892**  
[13] A1

[51] **Int.Cl. 6C12Q 1/25**  
[25] EN  
[54] **METHODS OF DIAGNOSING RENAL SALT WASTING SYNDROME AND ALZHEIMER'S DISEASE AND METHODS OF TREATING THE SAME**  
[54] **PROCEDES PERMETTANT DE DIAGNOSTIQUER LE SYNDROME RENAL DE PERTE DE SEL ET LA MALADIE D'ALZHEIMER, ET PROCEDES DE TRAITEMENT CORRESPONDANTS**  
[72] MAESAKA, JOHN K., US  
[71] WINTHROP-UNIVERSITY HOSPITAL, US  
[85] 2000-12-11  
[86] 1999-06-10 (PCT/US99/13135)  
[87] 1999-12-16 (WO99/64621)  
[30] US (09/096,335) 1998-06-11

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[21] **2,334,893**  
[13] A1

[51] **Int.Cl. 7D01F 6/30 7B32B 27/02**  
**7D01F 8/06 7D04H 3/14 7B32B 27/32**  
**7D01F 6/46 7D04H 1/54**

[25] EN  
[54] **THERMAL BONDABLE POLYOLEFIN FIBERS COMPRISING A RANDOM COPOLYMER OF PROPYLENE**  
[54] **FIBRES DE POLYOLEFINE THERMOSOUDEABLES COMPRENANT UN COPOLYMERE STATISTIQUE DE PROPYLENE**

[72] BRACA, GIANCARLO, IT  
[72] SARTORI, FRANCO, IT  
[71] BASELL TECHNOLOGY COMPANY B.V., NL

[85] 2000-12-11  
[86] 2000-03-24 (PCT/EP00/02674)  
[87] 2000-10-26 (WO00/63471)  
[30] EP (99201144.5) 1999-04-15

[21] **2,334,894**  
[13] A1

[51] **Int.Cl. 6F16D 31/02**

[25] EN  
[54] **REGENERATIVE ADAPTIVE FLUID CONTROL**  
[54] **DISPOSITIF DE REGULATION DE FLUIDE ADAPTATIF REGENERATIF**

[72] LISNIANSKY, ROBERT M., US  
[71] LISNIANSKY, ROBERT M., US  
[85] 2000-12-11  
[86] 1998-06-12 (PCT/US98/12200)  
[87] 1999-12-16 (WO99/64761)

[21] **2,334,895**  
[13] A1

[51] **Int.Cl. 6A61K 39/12 6C12N 7/00**  
**6A61K 45/05 6A61K 39/145 6A61K 39/155**  
**6A61K 39/17 6A61K 39/205 6A61K 35/76**

[25] EN  
[54] **ATTENUATED NEGATIVE STRAND VIRUSES WITH ALTERED INTERFERON ANTAGONIST ACTIVITY FOR USE AS VACCINES AND PHARMACEUTICALS**  
[54] **VIRUS ATTENUES A BRIN NEGATIF PRESENTANT UNE ACTIVITE ANTAGONISTE D'INTERFERON ALTEREE, UTILISES COMME VACCINS ET MEDICAMENTS**

[72] GARCIA-SASTRE, ADOLFO, US  
[72] PALESE, PETER, US  
[72] MUSTER, THOMAS, US  
[71] MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK, US

[85] 2000-12-11  
[86] 1999-06-11 (PCT/US99/13144)  
[87] 1999-12-16 (WO99/64068)  
[30] US (60/089,103) 1998-06-12  
[30] US (60/108,832) 1998-11-18  
[30] US (60/117,683) 1999-01-29

[21] **2,334,896**  
[13] A1

[51] **Int.Cl. 7H01H 1/00 7H01H 61/06**

[25] EN  
[54] **MULTI-DIMENSIONAL SCALABLE DISPLACEMENT ENABLED MICROELECTROMECHANICAL ACTUATOR STRUCTURES AND ARRAYS**  
[54] **STRUCTURES ET RESEAUX D'ACTIONNEURS MICROELECTROMECHANIQUES ECHELONNABLES A CAPACITE DE DEPLACEMENT EN PLUSIEURS DIMENSIONS**

[72] HILL, EDWARD A., US  
[72] DHULER, VIJAYAKUMAR R., US  
[71] CRONOS INTEGRATED MICROSYSTEMS, INC., US

[85] 2000-12-11  
[86] 2000-04-06 (PCT/US00/09130)  
[87] 2000-11-09 (WO00/67268)  
[30] US (09/303,996) 1999-05-03

[21] **2,334,898**  
[13] A1

[51] **Int.Cl. 7H04B 7/216**

[25] EN  
[54] **APPARATUS AND METHOD FOR SYNCHRONIZING CHANNELS IN A W-CDMA COMMUNICATION SYSTEM**  
[54] **APPAREIL ET PROCEDE DE SYNCHRONISATION DE CANAUX DANS UN SYSTEME DE COMMUNICATIONS AMCR LARGE BANDE**

[72] AHN, JAE-MIN, KR  
[72] MAENG, SEUNG-JOO, KR  
[72] YOON, SOON-YOUNG, KR  
[72] LEE, HYEON-WOO., KR  
[72] LIM, CHAE-MAN, KR  
[72] KANG, HEE-WON, KR  
[72] MOON, HI-CHAN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2000-12-11  
[86] 2000-04-29 (PCT/KR00/00408)  
[87] 2000-11-09 (WO00/67399)  
[30] KR (1999/15332) 1999-04-29  
[30] KR (1999/18921) 1999-05-25

[21] **2,334,907**  
[13] A1

[51] **Int.Cl. 6C02F 1/50**

[25] EN  
[54] **METHOD AND COMPOSITION FOR INHIBITING GROWTH OF MICROORGANISMS INCLUDING PERACETIC ACID AND A NON-OXIDIZING BIOCID**  
[54] **PROCEDE ET COMPOSITION UTILES POUR INHIBER LA CROISSANCE DES MICRO-ORGANISMES COMPRENANT DE L'ACIDE PERACETIQUE ET UN BIOCID NON OXYDANT**

[72] LAZONBY, JUDY G., US  
[72] CASSELMAN, NANCY L., US  
[72] MCCARTHY, ROBERT E., US  
[71] NALCO CHEMICAL COMPANY, US

[85] 2000-12-14  
[86] 1999-04-29 (PCT/US99/09286)  
[87] 1999-12-23 (WO99/65827)  
[30] US (09/094,947) 1998-06-15

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[21] **2,334,909**  
[13] A1

[51] **Int.Cl. 6F16K 11/08**  
[25] EN  
[54] **MULTIPOINT PLUG VALVE WITH SELECTABLE PORT EXCLUSION**  
[54] **VANNE A BOISSEAU A PLUSIEURS ORIFICES DE PASSAGE**  
[72] JENSEN, ROBERT M., US  
[72] TETER, EDWARD C., US  
[71] H-TECH, INC., US  
[85] 2000-12-14  
[86] 1999-06-15 (PCT/US99/13485)  
[87] 1999-12-23 (WO99/66238)  
[30] US (60/089,547) 1998-06-17  
[30] US (09/320,313) 1999-05-26

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[21] **2,334,910**  
[13] A1

[51] **Int.Cl. 6A61K 31/50**  
[25] EN  
[54] **NEW USE OF A PYRIDAZINONE DERIVATIVE**  
[54] **NOUVELLE UTILISATION D'UN DERIVE DE PYRIDAZINONE**  
[72] HAIKALA, HEIMO, FI  
[72] KAIVOLA, JUHA, FI  
[72] POLLESELLO, PIERO, FI  
[72] LEVIJOKI, JOUKO, FI  
[71] ORION CORPORATION, FI  
[85] 2000-12-14  
[86] 1999-05-26 (PCT/FI99/00449)  
[87] 1999-12-29 (WO99/66932)  
[30] US (09/099,945) 1998-06-19

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[21] **2,334,911**  
[13] A1

[51] **Int.Cl. 6H04M 1/72 6H04M 1/02**  
[25] EN  
[54] **PORTABLE PHONE WITH IMBEDDED BATTERY**  
[54] **TELEPHONE PORTABLE AVEC PILE ENCASTREE**  
[72] CHOW, MARLAND, US  
[72] ROSS, DAVID J., US  
[72] PETERZELL, PAUL E., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2000-12-14  
[86] 1999-06-14 (PCT/US99/13553)  
[87] 1999-12-23 (WO99/66697)  
[30] US (09/097,612) 1998-06-15

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[21] **2,334,912**  
[13] A1

[51] **Int.Cl. 6G08B 13/14**  
[25] EN  
[54] **ANTI-THEFT DEVICE WITH ALARM SCREENING**  
[54] **DISPOSITIF ANTIVOL A FILTRAGE D'ALARME**  
[72] BRESLER, ROBERT G., US  
[72] EGGERT, GEOFFREY M., US  
[72] D'ANGELO, MICHAEL R., US  
[72] QUALITZ, JOSEPH E., US  
[71] LEXENT TECHNOLOGIES, INC., US  
[85] 2000-12-14  
[86] 1999-04-16 (PCT/US99/08424)  
[87] 1999-12-23 (WO99/66470)  
[30] US (09/099,815) 1998-06-19  
[30] US (09/129,008) 1998-08-04

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[21] **2,334,913**  
[13] A1

[51] **Int.Cl. 6F16L 11/08**  
[25] EN  
[54] **A FLEXIBLE COMPOSITE PIPE AND A METHOD FOR MANUFACTURING SAME**  
[54] **TUYAU COMPOSITE FLEXIBLE ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] GRYTA, OLE ANTON, NO  
[72] BREVIK, ARNT FRODE, NO  
[71] ABB OFFSHORE TECHNOLOGY AS, NO  
[85] 2000-12-14  
[86] 1999-06-23 (PCT/NO99/00215)  
[87] 1999-12-29 (WO99/67561)  
[30] NO (19982945) 1998-06-24

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[21] **2,334,915**  
[13] A1

[51] **Int.Cl. 7A61F 13/15 7B23P 15/24**  
[25] EN  
[54] **FILM MADE OF HOLED PLASTIC MATERIAL THREE-DimensionALLY SHAPED AND RELATED MATRIX FOR ITS REALISATION**  
[54] **FILM FAIT D'UNE MATIERE PLASTIQUE PERCEE A FORME TRIDIMENSIONNELLE ET MATRICE CORRESPONDANTE PERMETTANT DE REALISER CE FILM**  
[72] IULIANETTI, LINO, IT  
[71] ADMA S.R.L., IT  
[85] 2000-12-14  
[86] 1999-10-19 (PCT/IT99/00330)  
[87] 2000-10-26 (WO00/62729)  
[30] IT (RM99A000229) 1999-04-15

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[21] **2,334,916**  
[13] A1

[51] **Int.Cl. 6G01K 11/32**  
[25] EN  
[54] **TEMPERATURE SENSING APPARATUS**  
[54] **DISPOSITIF DE DETECTION DE TEMPERATURE**  
[72] CRICKMORE, ROGER, GB  
[72] CRANCH, GEOFFREY ALAN, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2000-12-13  
[86] 1999-06-11 (PCT/GB99/01867)  
[87] 1999-12-23 (WO99/66298)  
[30] GB (9813095.8) 1998-06-18

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[21] **2,334,917**  
[13] A1

[51] **Int.Cl. 6B60L 11/12 6B60L 15/20**  
[25] EN  
[54] **CONTROL SYSTEM FOR A HYBRID SYSTEM COMPRISING AT LEAST ONE ENERGY STORE AND AN ENERGY SOURCE**  
[54] **SYSTEME DE COMMANDE POUR UN SYSTEME HYBRIDE CONSTITUE AU MOINS D'UN ACCUMULATEUR D'ENERGIE ET D'UNE SOURCE D'ENERGIE**  
[72] SCHMIDT, MANFRED, DE  
[72] LANG, HANS-PETER, DE  
[72] FETZER, JURGEN, DE  
[72] HOLL, EUGEN, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-12-13  
[86] 1999-06-07 (PCT/DE99/01670)  
[87] 1999-12-23 (WO99/65725)  
[30] DE (198 26 551.4) 1998-06-15

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[21] **2,334,920**  
[13] A1

[51] **Int.Cl. 6E21B 47/022**  
[25] EN  
[54] **METHOD OF DETERMINING AZIMUTH OF A BOREHOLE**  
[54] **PROCEDE DE DETERMINATION DE L'AZIMUT D'UN TROU DE FORAGE**  
[72] HARTMANN, ROBIN ADRIANUS, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 2000-12-11  
[86] 1999-06-14 (PCT/EP99/03940)  
[87] 1999-12-23 (WO99/66173)  
[30] EP (98304821.6) 1998-06-18

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| <p style="text-align: right;">[21] <b>2,334,934</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C02F 11/12 7C02F 11/14</b><br/>[25] EN<br/>[54] <b>PROCESS FOR DEWATERING SEWAGE SLUDGE USING PLATE FILTERS (FILTER PRESSE S)</b><br/>[54] <b>PROCEDE DE DESHYDRATATION DE BOUES D'EPURATION AVEC DES FILTRES A PLAQUES_(FILTRES-PRESSES)</b><br/>[72] CHRAMENKOV, STANISLAV VLADIMIROVITCH, RU<br/>[72] SAGORSKIJ, VLADIMIR ALEXANDROVICH, RU<br/>[72] BARTSCHERER, JOSEF, DE<br/>[72] HARTAN, HANS GEORG, DE<br/>[72] HELD, WINFRIED, DE<br/>[72] LOBANOV, FEDOR IVANOVITCH, RU<br/>[71] STOCKHAUSEN GMBH &amp; CO. KG, DE<br/>[85] 2000-08-03<br/>[86] 1999-12-15 (PCT/EP99/09941)<br/>[87] 2000-07-13 (WO00/40515)<br/>[30] DE (199 00 187.1) 1999-01-06</p> | <p style="text-align: right;">[21] <b>2,334,936</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/30</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR COLLECTING, ORGANIZING AND ANALYZING DATA</b><br/>[54] <b>PROCEDE ET APPAREIL DE COLLECTE, D'ORGANISATION ET D'ANALYSE DE DONNEES</b><br/>[72] FREELAND, MARK, US<br/>[72] EDHOLM, KAJ, US<br/>[72] SMITH, FRASER, US<br/>[72] BUTLER, MARK, US<br/>[72] NORGARD, BARBARA, US<br/>[72] SCHOLER, STEPHAN, US<br/>[72] SCHATZ, JOEL, US<br/>[71] METACODE TECHNOLOGIES, INC., US<br/>[85] 2000-11-03<br/>[86] 1999-05-04 (PCT/US99/09741)<br/>[87] 1999-11-11 (WO99/57659)<br/>[30] US (09/073,895) 1998-05-06</p> | <p style="text-align: right;">[21] <b>2,334,939</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G05B 19/00 6G05B 15/00 6G05B 19/418</b><br/>[25] EN<br/>[54] <b>A PLANT FOR CONTROLLING PROCESS EQUIPMENT</b><br/>[54] <b>INSTALLATION PERMETTANT DE COMMANDER UN EQUIPEMENT DE PROCEDE</b><br/>[72] RYEG.ANG.RD, HENRIK, SE<br/>[72] ANDERSSON, BJORN, SE<br/>[71] ABB AB, SE<br/>[85] 2000-11-23<br/>[86] 1999-05-27 (PCT/SE99/00907)<br/>[87] 1999-12-02 (WO99/61961)<br/>[30] SE (9801863-3) 1998-05-27</p>  |
| <p style="text-align: right;">[21] <b>2,334,935</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/56 6G01N 33/86</b><br/>[25] EN<br/>[54] <b>SCREENING FOR BLOOD COAGULATION DEFECTS USING METAL IONS</b><br/>[54] <b>CRIBLAGE AU MOYEN D'IONS METALLIQUES AUX FINS DE DETERMINATION DE DEFAUTS DE COAGULATION SANGUINE</b><br/>[72] HALL, CHRISTINA MARIA YVONNE, SE<br/>[72] ROSEN, BERT STEFFEN, SE<br/>[71] INSTRUMENTATION LABORATORY S.P.A., IT<br/>[85] 2000-09-18<br/>[86] 1999-03-11 (PCT/EP99/01599)<br/>[87] 1999-09-23 (WO99/47699)<br/>[30] EP (98105043.8) 1998-03-19</p>   | <p style="text-align: right;">[21] <b>2,334,937</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07D 253/06</b><br/>[25] EN<br/>[54] <b>AN IMPROVED PROCESS FOR THE PREPARATION OF 3,5-DIAMINO-6-(2,3-DICHLOROPHENYL)-1,2,4-TRIAZINE</b><br/>[54] <b>PROCEDE ET APPAREIL AMELIORE DE PREPARATION DE 3,5-DIAMINO-6-(2,3-DICHLOROPHENYL)-1,2,4-TRIAZINE</b><br/>[72] VYAS, SHARAD KUMAR, IN<br/>[71] TORRENT PHARMACEUTICALS LTD., IN<br/>[85] 2000-11-17<br/>[86] 1999-12-07 (PCT/IB99/01955)<br/>[87] 2000-06-22 (WO00/35888)<br/>[30] IN (2171/CAL/98) 1998-12-14</p>   | <p style="text-align: right;">[21] <b>2,334,940</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00</b><br/>[25] EN<br/>[54] <b>CHAPERONE SUPPRESSION OF ATAXIN-1 AGGREGATION AND ALTERED SUBCELLULAR PROTEASOME LOCALIZATION IMPLY PROTEIN MISFOLDING IN SCA1</b><br/>[54] <b>SUPPRESSION DES MOLECULES CHAPERONNES DE L'AGREGATION DE L'ATAXINE 1 ET LOCALISATION DES PROTEASOMES SOUS-CELLULAIRES MODIFIEES IMPLIQUEES DANS LE MAUVAIS REPLIEMENT DES PROTEINESDANS SCA1</b><br/>[72] CUMMINGS, CHRISTOPHER J., US<br/>[72] ORR, HARRY T., US<br/>[72] ZOGHBI, HUDA Y., US<br/>[72] MANCINI, MICHAEL A., US<br/>[72] STENOIEN, DAVID, US<br/>[72] DEFRANCO, DONALD B., US<br/>[71] THE UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCAT, US<br/>[71] BAYLOR COLLEGE OF MEDICINE, US<br/>[71] THE UNIVERSITY OF MINNESOTA, US<br/>[85] 2000-11-27<br/>[86] 1999-05-29 (PCT/US99/11890)<br/>[87] 1999-12-02 (WO99/61043)<br/>[30] US (60/087,128) 1998-05-29</p> |

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[21] **2,334,943**  
[13] A1  
[51] **Int.Cl. 6H04N 7/12 6H04N 11/02 6H04N 11/04**  
[25] EN  
[54] **MPEG ENCODING TECHNIQUE FOR ENCODING WEB PAGES**  
[54] **TECHNIQUE DE CODAGE MPEG UTILISEE POUR CODER DES PAGES WEB**  
[72] PLOTNICK, BRUCE, US  
[72] WANG, CHUANMING, US  
[72] AUGENBRAUN, JOSEPH ELLIS, US  
[71] WORLDGATE SERVICE, INC., US  
[85] 2000-12-08  
[86] 1999-06-09 (PCT/US99/12362)  
[87] 1999-12-16 (WO99/65243)  
[30] US (09/093,879) 1998-06-09

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[21] **2,334,944**  
[13] A1  
[51] **Int.Cl. 6G06F 17/00**  
[25] EN  
[54] **GENERIC KNOWLEDGE MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE CONNAISSANCES GENERIQUES**  
[72] GUIGNARD, PAUL, AU  
[71] GUIGNARD, PAUL, AU  
[85] 2000-12-13  
[86] 1999-06-18 (PCT/AU99/00501)  
[87] 1999-12-23 (WO99/66420)  
[30] AU (PP 4164) 1998-06-18

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[21] **2,334,945**  
[13] A1  
[51] **Int.Cl. 6C07D 233/00**  
[25] EN  
[54] **IMIDAZOLYL DERIVATIVES**  
[54] **DERIVES D'IMIDAZOLYLES**  
[72] MOINET, CHRISTOPHE PHILIPPE, FR  
[72] THURIEAU, CHRISTOPHE ALAIN, FR  
[72] MORGAN, BARRY, US  
[72] GORDON, THOMAS D., US  
[72] GALCERA, MARIE-ODILE, FR  
[72] POITOUT, LYDIE FRANCINE, FR  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A.S., FR  
[85] 2000-11-30  
[86] 1999-06-08 (PCT/US99/12760)  
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[30] US (09/096,431) 1998-06-12  
[30] US (60/089,087) 1998-06-12

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[21] **2,334,948**  
[13] A1  
[51] **Int.Cl. 6A23G 3/00**  
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[54] **DRIED MARSHMALLOW AND METHODS OF PREPARATION**  
[54] **GUIMAUVE DESHYDRATEE ET PROCEDES DE PREPARATION**  
[72] HELSER, MICHAEL A., US  
[72] WILSON, GERALD L., US  
[72] ZIETLOW, PHILIP K., US  
[71] GENERAL MILLS, INC., US  
[85] 2000-12-11  
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[87] 1999-12-16 (WO99/63836)  
[30] US (09/107,169) 1998-06-12

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[13] A1  
[51] **Int.Cl. 6A23D 7/00 6A23D 7/015**  
[25] EN  
[54] **BUTTERLIKE COMPOSITIONS AND METHODS OF MANUFACTURING SAME**  
[54] **COMPOSITIONS BUTYREUSES ET SES PROCEDES DE FABRICATION**  
[72] BENESH, YOEL, IL  
[71] OLIVIA GOURMET (1996) LTD., IL  
[85] 2000-12-11  
[86] 1999-06-11 (PCT/IL99/00313)  
[87] 1999-12-16 (WO99/63835)  
[30] US (09/096,475) 1998-06-12

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[21] **2,334,950**  
[13] A1  
[51] **Int.Cl. 6A61M 15/00 6A61J 1/00 6B65D 75/34**  
[25] EN  
[54] **DEVICE FOR EMPTYING CAVITIES CONTAINING POWDER BY MEANS OF SUCTION**  
[54] **DISPOSITIF POUR LE VIDAGE PAR ASPIRATION DE CAVITES CONTENANT DE LA POUDRE**  
[72] VON SCHUCKMANN, ALFRED, DE  
[71] ASTRAZENECA AB, SE  
[85] 2000-12-11  
[86] 1999-06-22 (PCT/EP99/04304)  
[87] 1999-12-29 (WO99/66974)  
[30] DE (198 27 731.8) 1998-06-22  
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[51] **Int.Cl. 6G01R 31/36 6G01R 1/073**  
[25] EN  
[54] **VOLTAGE MEASURING DEVICE**  
[54] **DISPOSITIF DE MESURE DE TENSION**  
[72] SONNTAG, JOSEF, DE  
[72] SONNTAG, ANTON, DE  
[72] EINHART, JOHANN, DE  
[71] XCELLSIS GMBH, DE  
[85] 2000-12-11  
[86] 1999-05-21 (PCT/EP99/03493)  
[87] 1999-12-23 (WO99/66339)  
[30] DE (198 27 045.3) 1998-06-18

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[13] A1  
[51] **Int.Cl. 6G01N 25/16 6G01N 27/447**  
[25] EN  
[54] **ANALYZER**  
[54] **ANALYSEUR**  
[72] KIGUCHI, AKIRA, JP  
[72] SHIMOIDE, KOJI, JP  
[72] MUKAIYAMA, SHIGEMI, JP  
[72] KUROKAWA, HIROSHI, JP  
[71] ASAHI KASEI KOGYO KABUSHIKI KAISHA, JP  
[85] 2000-12-11  
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[21] **2,334,953**  
[13] A1

[51] **Int.Cl. 7C12N 5/06**  
[25] EN  
[54] **METHOD FOR PRODUCING HUMAN CLONED EMBRYOS BY EMPLOYING INTER-SPECIES NUCLEAR TRANSPLANTATION TECHNIQUE**  
[54] **PROCEDE D'OBTENTION D'EMBRYONS HUMAINS CLONES AU MOYEN DE TECHNIQUES DE TRANSPLANTATION INTER-ESPECES DE NOYAUX**  
[72] LIM, JEONG-MUK, KR  
[72] ROH, SANG-HO, KR  
[72] CHO, JONG-KI, KR  
[72] SHIN, SOO-JUNG, KR  
[72] LEE, EUN-SONG, KR  
[72] KIM, KI-YON, KR  
[72] PARK, JONG-IM, KR  
[72] SHIN, TAE-YOUNG, KR  
[72] KIM, SUNG-KI, KR  
[72] LEE, BYEONG-CHUN, KR  
[72] SONG, KIL-YOUNG, KR  
[72] HAN, JAE-YONG, KR  
[72] KO, BONG-KYUNG, KR  
[72] CHOI, YUN-HEE, KR  
[72] YONG, HWAN-YUL, KR  
[71] HWANG, WOO-SUK, KR  
[85] 2000-12-11  
[86] 2000-06-30 (PCT/KR00/00705)  
[87] 2001-01-04 (WO01/00793)  
[30] KR (1999/26163) 1999-06-30  
[30] KR (1999/26164) 1999-06-30  
[30] KR (1999/26165) 1999-06-30  
[30] KR (1999/26166) 1999-06-30  
[30] KR (2000/206) 2000-01-04

[21] **2,334,954**  
[13] A1

[51] **Int.Cl. 7C12N 5/06**  
[25] EN  
[54] **A METHOD FOR PRODUCING CLONED TIGERS BY EMPLOYING INTER-SPECIES NUCLEAR TRANSPLANTATION TECHNIQUE**  
[54] **PROCEDE DE PRODUCTION DE TIGRES CLONES UTILISANT UNE TECHNIQUE DE TRANSPLANTATION DE NOYAU INTER-ESPECES**  
[72] KIM, KI-YON, KR  
[72] LIM, JEONG-MUK, KR  
[72] SHIN, TAE-YOUNG, KR  
[72] ROH, SANG-HO, KR  
[72] CHO, JONG-KI, KR  
[72] LEE, BYEONG-CHUN, KR  
[72] LEE, EUN-SONG, KR  
[72] KIM, SUNG-KI, KR  
[72] YONG, HWAN-YUL, KR  
[72] PARK, JONG-IM, KR  
[72] SHIN, SOO-JUNG, KR  
[72] HYUN, SANG-HWAN, KR  
[72] SONG, KIL-YOUNG, KR  
[72] AHN, GOOK-JUN, KR  
[72] LEE, BYUNG-DONG, KR  
[71] HWANG, WOO-SUK, KR  
[85] 2000-12-11  
[86] 2000-06-30 (PCT/KR00/00706)  
[87] 2001-01-04 (WO01/00794)  
[30] KR (1999/26163) 1999-06-30  
[30] KR (1999/26164) 1999-06-30  
[30] KR (1999/26165) 1999-06-30  
[30] KR (1999/26166) 1999-06-30  
[30] KR (1999/36373) 1999-08-30  
[30] KR (2000/4381) 2000-01-28  
[30] KR (2000/4382) 2000-01-28

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[13] A1

[51] **Int.Cl. 6A61F 2/20**  
[25] EN  
[54] **VOICE-PRODUCING PROSTHESIS PROTHESE VOCALE**  
[72] VERKERKE, GIJBERTUS JACOB, NL  
[72] SCHUTTE, HARM KORNELIS, NL  
[72] VAN DER PLAATS, ARJAN, NL  
[72] DE VRIES, MARINUS PIETER, NL  
[71] RIJKSUNIVERSITEIT TE GRONINGEN, NL  
[71] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL  
[85] 2000-12-12  
[86] 1999-04-16 (PCT/NL99/00221)  
[87] 1999-10-28 (WO99/53868)  
[30] NL (1008917) 1998-04-17

[21] **2,334,969**  
[13] A1

[51] **Int.Cl. 6H02G 15/184 6H02G 15/103 6H02G 15/188**  
[25] EN  
[54] **PRE-ASSEMBLED ELECTRICAL SPLICE COMPONENT**  
[54] **COMPOSANT D'EPISSURE ELECTRIQUE PRE-ASSEMBLE**  
[72] KRABS, RAYMOND, US  
[72] KNORR, WINFRED H., US  
[72] VIEBRANZ, MANFRED G. G., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-12-06  
[86] 1998-10-28 (PCT/US98/22909)  
[87] 2000-01-06 (WO00/01048)  
[30] US (09/106,224) 1998-06-29

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[13] A1

[51] **Int.Cl. 6A01N 43/80 6A01N 61/00 6A01N 43/78**  
[25] EN  
[54] **HERBICIDAL MIXTURES HAVING A SYNERGISTIC EFFECT**  
[54] **MELANGES HERBICIDES A EFFET SYNERGIQUE**  
[72] VANTIEGHEM, HERVE, DE  
[72] LANDES, MAX, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] KIBLER, ELMAR, DE  
[72] OTTEN, MARTINA, DE  
[72] SIEVERNICH, BERND, DE  
[72] VON DEYN, WOLFGANG, DE  
[72] WALTER, HELMUT, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2000-12-12  
[86] 1999-06-12 (PCT/EP99/04055)  
[87] 1999-12-23 (WO99/65314)  
[30] DE (198 26 431.3) 1998-06-16

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[13] A1

[51] **Int.Cl. 6A61K 31/505 6C07D 487/04 6A61K 31/535 6A61K 31/55**  
[25] EN  
[54] **QUINAZOLINONE INHIBITORS OF CGMP PHOSPHODIESTERASE**  
[54] **INHIBITEURS QUINAZOLINONE DE LA PHOSPHODIESTERASE CGMP**  
[72] WELLER, HAROLD N., III, US  
[72] YEVICH, JOSEPH P., US  
[72] CUSHMAN, DAVID W., US  
[72] MACOR, JOHN E., US  
[72] ROTELLA, DAVID P., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2000-12-06  
[86] 1999-06-02 (PCT/US99/12485)  
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[13] A1  
[51] **Int.Cl. 6G06F 13/00**  
[25] EN  
[54] **BI-DIRECTIONAL PROCESS-TO-PROCESS BYTE STREAM PROTOCOL**  
[54] **PROTOCOLES BIDIRECTIONNELS DE MULTIPLETS PROCESSUS-A-PROCESSUS**  
[72] DIXON, MICHAEL D., US  
[71] PLACEWARE, INC., US  
[85] 2000-12-06  
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[87] 1999-12-16 (WO99/64958)  
[30] US (09/094,388) 1998-06-09

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[21] **2,334,972**  
[13] A1  
[51] **Int.Cl. 7H04L 29/14 7H04Q 11/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR NON-DISRUPTIVE ADDITION OF A NEW NODE TO AN INTER-NODAL NETWORK**  
[54] **PROCEDE ET DISPOSITIF D'ADDITION NON PERTURBATRICE D'UN NOUVEAU NOEUD A UN RESEAU INTER-NODAL**  
[72] JAZWIERSKI, RAFAL J., US  
[72] HIGGINS, PETER, US  
[71] EXCEL SWITCHING CORPORATION, US  
[85] 2000-12-06  
[86] 1999-06-28 (PCT/US99/14615)  
[87] 2000-01-06 (WO00/01130)  
[30] US (09/107,152) 1998-06-29

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[21] **2,334,973**  
[13] A1  
[51] **Int.Cl. 6A61K 31/325 6A01N 43/42**  
[25] EN  
[54] **USE OF NITRIC OXIDE SCAVENGERS TO TREAT SIDE EFFECTS CAUSED BY THERAPEUTIC ADMINISTRATION OF SOURCES OF NITRIC OXIDE**  
[54] **UTILISATION DE CAPTEURS D'OXYDE NITRIQUE POUR TRAITER LES EFFETS SECONDAIRES DE L'ADMINISTRATION THERAPEUTIQUE DE SOURCES D'OXYDE NITRIQUE**  
[72] LAI, CHING-SAN, US  
[71] MEDINOX, INC., US  
[85] 2000-12-06  
[86] 1999-06-21 (PCT/US99/14049)  
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[30] US (09/103,640) 1998-06-23

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[13] A1  
[51] **Int.Cl. 6G01N 29/02**  
[25] EN  
[54] **MEASURING THE SPEED OF SOUND OF A GAS**  
[54] **MESURE DE LA VITESSE DU SON D'UN GAZ**  
[72] HUMPHREY, FRANCIS ALAN, GB  
[72] PRICE, BARRY LEONARD, GB  
[72] BYRNE, DAVID, GB  
[71] LATTICE INTELLECTUAL PROPERTY LTD, GB  
[85] 2000-12-06  
[86] 1999-06-17 (PCT/GB99/01931)  
[87] 1999-12-29 (WO99/67629)  
[30] GB (9813509.8) 1998-06-24

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[21] **2,334,975**  
[13] A1  
[51] **Int.Cl. 6H03B 28/00 6H03B 23/00**  
[25] EN  
[54] **SYNTHESISING A SINE WAVE**  
[54] **SYNTHETISATION D'UNE ONDE SINUSOIDALE**  
[72] HUMPHREY, FRANCIS ALAN, GB  
[72] BYRNE, DAVID, GB  
[72] PRICE, BARRY LEONARD, GB  
[71] LATTICE INTELLECTUAL PROPERTY LTD, GB  
[85] 2000-12-06  
[86] 1999-06-17 (PCT/GB99/01932)  
[87] 1999-12-29 (WO99/67877)  
[30] GB (9813513.0) 1998-06-24

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[13] A1  
[51] **Int.Cl. 6F02K 7/00 6F02C 3/16**  
[25] EN  
[54] **RAMJET ENGINE FOR POWER GENERATION**  
[54] **STATOREACTEUR POUR PRODUCTION D'ENERGIE**  
[72] LAWLOR, SHAWN P., US  
[71] RAMGEN POWER SYSTEMS, INC., US  
[85] 2000-12-06  
[86] 1999-06-17 (PCT/US99/13770)  
[87] 1999-12-23 (WO99/66187)  
[30] US (60/089,674) 1998-06-17

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[21] **2,334,978**  
[13] A1  
[51] **Int.Cl. 6A61M 25/01 6A61B 5/00**  
[25] EN  
[54] **CARDIOVASCULAR CATHETER APPARATUS AND CATHETER POSITIONING METHOD USING TISSUE TRANSILLUMINATION**  
[54] **CATHETER CARDIO-VASCULAIRE ET PROCEDE DE MISE EN PLACE DE CATHETER A L'AIDE DE LA TRANSILLUMINATION DE TISSUS**  
[72] LEARY, JAMES J., US  
[72] ROBINSON, JANINE, US  
[72] BAKER, STEVE, US  
[72] MACOVIK, JOHN A., US  
[72] SAMSON, WILFRED J., US  
[72] VAN DYK, KARL, US  
[71] CARDEON CORPORATION, US  
[85] 2000-12-06  
[86] 1999-06-08 (PCT/US99/12870)  
[87] 1999-12-16 (WO99/64099)  
[30] US (60/088,652) 1998-06-09

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[21] **2,334,980**  
[13] A1  
[51] **Int.Cl. 6B01J 39/18 6B01J 39/04**  
[25] EN  
[54] **METHOD FOR SEPARATION ON CATION EXCHANGERS**  
[54] **PROCEDE DE SEPARATION SUR ECHANGEURS CATIONIQUES**  
[72] SODERBERG, LENNART, SE  
[72] BERGLUND, ROLF, SE  
[72] BERGSTROM, JAN, SE  
[71] AMERSHAM PHARMACIA BIOTECH AB, SE  
[85] 2000-12-13  
[86] 1999-06-16 (PCT/SE99/01082)  
[87] 1999-12-23 (WO99/65607)  
[30] SE (9802214-8) 1998-06-18

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[21] **2,334,981**  
[13] A1  
[51] **Int.Cl. 7B60J 11/00**  
[25] EN  
[54] **BODY COVER DEVICE FOR CAR**  
[54] **DISPOSITIF DE REVETEMENT DE CARROSSERIE POUR VOITURE**  
[72] FUKAGAWA, YOSHIHARU, JP  
[71] LA PAROLE CO., LTD., JP  
[85] 2000-12-13  
[86] 2000-04-14 (PCT/JP00/02468)  
[87] 2000-10-26 (WO00/63040)  
[30] JP (11/109504) 1999-04-16

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| <p style="text-align: right;">[21] <b>2,334,983</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7E01D 19/06</b><br/>[25] FR<br/>[54] <b>PROCEDE DE REALISATION D'UN JOINT DE CHAUSSEE SOUPLE, ET JOINT OBTENU PAR UN TEL PROCEDE</b><br/>[54] <b>METHOD FOR PRODUCING A ROAD JOINT, AND JOINT OBTAINED BY SAID METHOD</b><br/>[72] SEANTIER, JACKY, FR<br/>[71] FREYSSINET INTERNATIONAL (STUP), FR<br/>[85] 2000-12-05<br/>[86] 2000-04-05 (PCT/FR00/00847)<br/>[87] 2000-10-19 (WO00/61872)<br/>[30] FR (99/04469) 1999-04-09</p>  | <p style="text-align: right;">[21] <b>2,334,986</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08G 69/14 6C08L 77/00</b><br/>[25] FR<br/>[54] <b>POLYAMIDES A FLUIDITE ELEVEE, SON PROCEDE DE FABRICATION, COMPOSITIONS COMPRENANT CE COPOLYAMIDE</b><br/>[54] <b>POLYAMIDES WITH HIGH FLUIDITY, METHOD FOR MAKING SAME, COMPOSITIONS COMPRISING SAID POLYAMIDE</b><br/>[72] YUAN, CUIMING, IT<br/>[72] ZHANG, HAICHUN, IT<br/>[72] DI SILVESTRO, GIUSEPPE, IT<br/>[72] SPERONI, FRANCO, IT<br/>[71] RHODIA ENGINEERING PLASTICS S.R.L., IT<br/>[85] 2000-12-06<br/>[86] 1999-05-25 (PCT/EP99/03612)<br/>[87] 1999-12-16 (WO99/64496)<br/>[30] FR (98/07533) 1998-06-11</p> | <p style="text-align: right;">[21] <b>2,334,988</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B62D 65/00</b><br/>[25] FR<br/>[54] <b>PROCEDE DE REALISATION D'UNE CARROSSERIE AUTOMOBILE</b><br/>[54] <b>METHOD FOR MAKING A MOTOR CAR BODY</b><br/>[72] MALATIER, FRANCOIS, FR<br/>[71] ABB BODY IN WHITE, FR<br/>[85] 2000-12-06<br/>[86] 1999-06-01 (PCT/FR99/01280)<br/>[87] 1999-12-16 (WO99/64289)<br/>[30] FR (98/07223) 1998-06-09</p>   |
| <p style="text-align: right;">[21] <b>2,334,984</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/42</b><br/>[25] EN<br/>[54] <b>DISPOSABLE ARTICLE HAVING BODILY WASTE ISOLATION DEVICE</b><br/>[54] <b>ARTICLE JETABLE POURVU D'UN DISPOSITIF D'ISOLATION DE MATIERES CORPORELLES</b><br/>[72] ROE, DONALD CARROLL, US<br/>[72] RONN, KARL PATRICK, US<br/>[72] SCHMIDT, MATTIAS, DE<br/>[72] EHRNSPERGER, BRUNO JOHANNES, DE<br/>[72] RHORER, BETH, US<br/>[72] ALLEN, PATRICK JAY, US<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-12-13<br/>[86] 1999-06-29 (PCT/US99/14635)<br/>[87] 2000-01-06 (WO00/00137)<br/>[30] US (09/106,225) 1998-06-29<br/>[30] US (09/342,331) 1999-06-29</p> | <p style="text-align: right;">[21] <b>2,334,989</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E04H 13/00</b><br/>[25] FR<br/>[54] <b>URNE CINERAIRE FORMANT ELEMENT DE COLONNE FUNERAIRE ET PROCEDE DE FABRICATION DE TELLES URNES CINERAIRES EN PIERRE</b><br/>[54] <b>CINERARY URN FORMING AN ELEMENT OF A FUNERARY COLUMN AND METHOD FOR MAKING SUCH URNS IN STONE</b><br/>[72] TROIN, ROBERT, FR<br/>[72] TROIN, STEPHANE, FR<br/>[71] SOCIETE DES FONTAITES, FR<br/>[85] 2000-12-06<br/>[86] 1998-12-09 (PCT/FR98/02676)<br/>[87] 1999-12-16 (WO99/64701)<br/>[30] FR (98/3473) 1998-06-09</p>   |  |



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[21] **2,334,990**  
[13] A1

[51] **Int.Cl. 6A61K 31/425 6A61K 31/47**  
[25] FR  
[54] **NOUVELLE UTILISATION DE COMPOSES INHIBITEURS DE LA PROTEASE DU VIH**  
[54] **NOVEL USE OF HIV PROTEASE INHIBITING COMPOUNDS**  
[72] ANDRE, PATRICE, FR  
[72] GROETTRUP, MARCUS, CH  
[72] LOTTEAU, VINCENT, FR  
[72] KLENERMAN, PAUL, GB  
[72] ZINKERNAGEL, ROLF, CH  
[71] BIOMERIEUX, FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[85] 2000-12-06  
[86] 1999-06-11 (PCT/FR99/01391)  
[87] 1999-12-16 (WO99/63998)  
[30] FR (98/07373) 1998-06-11

[21] **2,334,991**  
[13] A1

[51] **Int.Cl. 6H01H 33/70 6H01H 33/90**  
[25] FR  
[54] **DISJONCTEUR DE HAUTE ET MOYENNE TENSION A DOUBLE MOUVEMENT COMPRENANT UNE BUSE DE SOUFFLAGE GUIDEE EN TRANSLATION**  
[54] **HIGH AND MEDIUM VOLTAGE CIRCUIT BREAKER WITH DOUBLE MOVEMENT COMPRISING A BLOWER TUBE GUIDED IN TRANSLATION**  
[72] PERRET, MICHEL, FR  
[71] ALSTOM HOLDINGS, FR  
[85] 2000-12-07  
[86] 1999-06-07 (PCT/FR99/01337)  
[87] 1999-12-16 (WO99/65048)  
[30] FR (98/07181) 1998-06-08

[21] **2,334,992**  
[13] A1

[51] **Int.Cl. 6C09K 7/00 6C09K 7/02 6C10M 173/02**  
[25] FR  
[54] **FLUIDE DE Puits COMPORTANT UNE COMPOSITION LUBRIFIANTE - PROCEDE POUR CONTROLER LA LUBRIFICATION D'UN FLUIDE DE Puits - APPLICATION AUX FLUIDES A HAUT PH**  
[54] **BOREHOLE FLUID CONTAINING A LUBRICATING COMPOSITION - METHOD FOR VERIFYING THE LUBRIFICATION OF A BOREHOLE FLUID - APPLICATION WITH RESPECT TO FLUIDS WITH A HIGH PH**  
[72] AUDIBERT-HAYET, ANNIE, FR  
[72] JANSSEN, MICHEL, BE  
[72] DEMOULIN, ANDRE, BE  
[72] ARGILLIER, JEAN-FRANCOIS, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[71] FINA RESEARCH, BE  
[85] 2000-12-07  
[86] 1999-06-09 (PCT/FR99/01367)  
[87] 1999-12-23 (WO99/66006)  
[30] FR (98/07969) 1998-06-12

[21] **2,334,993**  
[13] A1

[51] **Int.Cl. 6G03G 21/00 6G03G 21/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TESTING TONER CARTRIDGES**  
[54] **PROCEDE ET APPAREIL DE TEST DE CARTOUCHES DE TONER**  
[72] GEURTS, DAVID STANLEY HENDRICK, NZ  
[71] PRINTER RIBBON INKERS LTD., NZ  
[85] 2000-12-13  
[86] 1999-07-02 (PCT/NZ99/00106)  
[87] 2000-01-13 (WO00/02097)  
[30] NZ (330870) 1998-07-02

[21] **2,334,994**  
[13] A1

[51] **Int.Cl. 6F27B 13/02**  
[25] FR  
[54] **FOUR A FEU TOURNANT A FLUX CENTRAL TUBULAIRE**  
[54] **ROTARY FURNACE WITH TUBULAR CENTRAL FLOW**  
[72] ROTGER, JEAN-CHRISTOPHE, FR  
[72] DREYER, CHRISTIAN, FR  
[71] ALUMINIUM PECHINEY, FR  
[85] 2000-12-08  
[86] 1999-06-08 (PCT/FR99/01339)  
[87] 1999-12-16 (WO99/64804)  
[30] FR (98/07536) 1998-06-11

[21] **2,334,995**  
[13] A1

[51] **Int.Cl. 6B65D 17/32**  
[25] FR  
[54] **ETUI AMOVIBLE POUR L'OUVERTURE ET LE REBOUCHAGE D'UNE BOITE A BOISSON MUNIE D'UN OBTURATEUR FRANGIBLE**  
[54] **REMOVABLE CASE FOR OPENING AND CLOSING A PRESSURIZED CAN PROVIDED WITH A FRANGIBLE OBTURATOR**  
[72] MARTIN, DIDIER, FR  
[71] AKLINE, FR  
[85] 2000-12-08  
[86] 1998-06-17 (PCT/FR98/01271)  
[87] 1999-12-23 (WO99/65780)

[21] **2,334,996**  
[13] A1

[51] **Int.Cl. 6A61K 9/12 6A61K 9/50**  
[25] EN  
[54] **ACTIVE INGREDIENT DELIVERY SYSTEMS AND DEVICES BASED ON POROUS MATRICES**  
[54] **SYSTEMES D'ADMINISTRATION DE PRINCIPE ACTIF ET DISPOSITIFS BASES SUR DES MATRICES POREUSES**  
[72] SINTOV, AMNON, IL  
[72] SHAPIRO, LILIA, IL  
[72] COHEN, SMADAR, IL  
[71] BEN-GURION UNIVERSITY OF THE NEGEV, IL  
[85] 2000-12-13  
[86] 1999-06-15 (PCT/IL99/00327)  
[87] 1999-12-23 (WO99/65463)  
[30] IL (124957) 1998-06-16

## Demandes PCT entrant en phase nationale

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|---|---|---|
| <p style="text-align: right;">[21] <b>2,334,997</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H05K 7/14</b><br/>[25] FR<br/>[54] <b>DISPOSITIF D'INSERTION, D'EXTRACTION ET DE VERROUILLAGE D'UN MODULE DANS UNE BAIE</b><br/>[54] <b>DEVICE FOR INSERTING, EXTRACTING AND LOCKING A MODULE IN A BAY</b><br/>[72] SARNO, CLAUDE, FR<br/>[72] BOUTEILLE, HENRI, FR<br/>[71] THOMSON-CSF SEXTANT, FR<br/>[85] 2000-12-11<br/>[86] 1999-06-04 (PCT/FR99/01322)<br/>[87] 1999-12-23 (WO99/66772)<br/>[30] FR (98/07445) 1998-06-12</p>  | <p style="text-align: right;">[21] <b>2,335,000</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08G 71/04</b><br/>[25] EN<br/>[54] <b>HYBRID NONISOCYANATE POLYURETHANE NETWORK POLYMERS AND COMPOSITES FORMED THEREFROM</b><br/>[54] <b>POLYMERES RETICULAIRES EN POLYURETHANE NON ISOCYANATE HYBRIDES ET COMPOSITES FORMES A PARTIR DE CEUX-CI</b><br/>[72] FIGOVSKY, OLEG L., IL<br/>[71] EUROTECH, LTD., US<br/>[85] 2000-12-11<br/>[86] 1999-06-15 (PCT/US99/13413)<br/>[87] 1999-12-23 (WO99/65969)<br/>[30] US (09/094,864) 1998-06-15</p>  | <p style="text-align: right;">[21] <b>2,335,003</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G10L 19/00</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR PERFORMING PACKET LOSS OR FRAME ERASURE CONCEALMENT</b><br/>[54] <b>PROCEDE ET APPAREIL PERMETTANT DE REALISER UN MASQUAGE DE PERTE DE PAQUETS OU D'EFFACEMENT DE TRAME</b><br/>[72] KAPILOW, DAVID A., US<br/>[71] AT&amp;T CORP., US<br/>[85] 2000-12-11<br/>[86] 2000-04-19 (PCT/US00/10467)<br/>[87] 2000-10-26 (WO00/63881)<br/>[30] US (60/130,016) 1999-04-19</p>                  |
| <p style="text-align: right;">[21] <b>2,334,998</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08L 69/00</b><br/>[25] EN<br/>[54] <b>THERMOPLASTIC MOLDING COMPOSITIONS HAVING IMPROVED PLATEABILITY</b><br/>[54] <b>COMPOSITIONS THERMOPLASTIQUES A MOULER A APTITUDE AU PLACAGE AMELIOREE</b><br/>[72] PIEJKO, KARL-ERWIN, US<br/>[72] GRAHAM, SARA D., US<br/>[72] BRASSARD, ROLAND P., US<br/>[72] JANARTHANAN, VENKATARAYALOO, US<br/>[71] BAYER CORPORATION, US<br/>[85] 2000-12-13<br/>[86] 1999-06-15 (PCT/US99/13469)<br/>[87] 1999-12-23 (WO99/65991)<br/>[30] US (09/098,817) 1998-06-17</p> | <p style="text-align: right;">[21] <b>2,335,001</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G10L 19/00</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR PERFORMING PACKET LOSS OR FRAME ERASURE CONCEALMENT</b><br/>[54] <b>PROCEDE ET APPAREIL DESTINES A EFFECTUER DES PERTES DE PAQUETS OU UN MASQUAGE D'EFFACEMENT DE TRAME (FEC)</b><br/>[72] KAPILOW, DAVID A., US<br/>[71] AT&amp;T CORP., US<br/>[85] 2000-12-11<br/>[86] 2000-04-19 (PCT/US00/10637)<br/>[87] 2000-10-26 (WO00/63885)<br/>[30] US (60/130,016) 1999-04-19</p>  | <p style="text-align: right;">[21] <b>2,335,004</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B60H 1/00</b><br/>[25] EN<br/>[54] <b>AIR MIX DAMPER DEVICE AND VEHICLE AIR CONDITIONER</b><br/>[54] <b>DISPOSITIF AMORTISSEUR A MELANGE D'AIR ET CLIMATISEUR DE VEHICULE</b><br/>[72] HASHIZUME, YOSHIHIRO, JP<br/>[72] NOYAMA, HIDETO, JP<br/>[72] MATSUBARA, SHIRO, JP<br/>[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP<br/>[85] 2000-12-13<br/>[86] 2000-04-10 (PCT/JP00/02318)<br/>[87] 2000-10-26 (WO00/63035)<br/>[30] JP (11/110141) 1999-04-16</p> |
| <p style="text-align: right;">[21] <b>2,334,999</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H03M 1/06 7H03M 1/66</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR D.C. OFFSET CORRECTION IN DIGITAL-TO-ANALOG CONVERTERS</b><br/>[54] <b>PROCEDE ET APPAREIL DE CORRECTION D'ERREURS DE DECALAGE AFFECTANT LE COURANT CONTINU DANS DES DENUMERISEURS</b><br/>[72] WALKER, BRETT CHRISTOPHER, US<br/>[71] QUALCOMM INCORPORATED, US<br/>[85] 2000-12-13<br/>[86] 1999-06-29 (PCT/US99/14656)<br/>[87] 2000-01-06 (WO00/01073)<br/>[30] US (09/107,054) 1998-06-30</p>                              | <p style="text-align: right;">[21] <b>2,335,002</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B23K 35/14 6B22F 1/00</b><br/>[25] EN<br/>[54] <b>METHOD FOR ENCAPSULATING SOLDER METAL POWDERS AND SOLDER METAL POWDERS PRODUCED ACCORDING TO THIS METHOD</b><br/>[54] <b>PROCEDE POUR L'ENCAPSULAGE DE POUDRE DE METAL DE BRASURE ET POUDRE DE METAL DE BRASURE AINSI OBTENUE</b><br/>[72] SCHULZE, JURGEN, DE<br/>[72] PROTSCH, WALTER, DE<br/>[71] SCHULZE, JURGEN, DE<br/>[71] PROTSCH, WALTER, DE<br/>[85] 2000-12-13<br/>[86] 1999-06-15 (PCT/DE99/01777)<br/>[87] 1999-12-23 (WO99/65640)<br/>[30] DE (198 26 756.8) 1998-06-15</p> | <p style="text-align: right;">[21] <b>2,335,005</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G10L 19/00</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR PERFORMING PACKET LOSS OR FRAME ERASURE CONCEALMENT</b><br/>[54] <b>PROCEDE ET APPAREIL DESTINES A EFFECTUER UN MASQUAGE DE PERTES DE PAQUETS OU D'EFFACEMENT DE TRAME (FEC)</b><br/>[72] KAPILOW, DAVID A., US<br/>[71] AT&amp;T CORP., US<br/>[85] 2000-12-11<br/>[86] 2000-04-19 (PCT/US00/10577)<br/>[87] 2000-10-26 (WO00/63884)<br/>[30] US (60/130,016) 1999-04-19</p>             |

## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,335,006</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G10L 19/00</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR PERFORMING PACKET LOSS OR FRAME ERASURE CONCEALMENT</b><br/>[54] <b>PROCEDE ET APPAREIL DESTINES A EFFECTUER UN MASQUAGE DE PERTES DE PAQUETS OU D'EFFACEMENT DE TRAME (FEC)</b><br/>[72] KAPILOW, DAVID A., US<br/>[71] AT&amp;T CORP., US<br/>[85] 2000-12-11<br/>[86] 2000-04-19 (PCT/US00/10576)<br/>[87] 2000-10-26 (WO00/63883)<br/>[30] US (60/130,016) 1999-04-19</p>   | <p style="text-align: right;">[21] <b>2,335,010</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/06</b><br/>[25] EN<br/>[54] <b>AN IMPROVED STENT</b><br/>[54] <b>PROTHESE ENDOVASCULAIRE AMELIOREE</b><br/>[72] BROWN, BRIAN J., US<br/>[72] KVEEN, GRAIG L., US<br/>[72] EHR, TIMOTHY G. J., US<br/>[71] BOSTON SCIENTIFIC LIMITED, BB<br/>[85] 2000-12-11<br/>[86] 1999-07-02 (PCT/US99/15122)<br/>[87] 2000-01-20 (WO00/02502)<br/>[30] US (09/111,531) 1998-07-08</p>       | <p style="text-align: right;">[21] <b>2,335,015</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/00</b><br/>[25] EN<br/>[54] <b>CARNITINE AND INOSITOL PHOSPHATE-CONTAINING COMPOSITION USEFUL AS DIETARY SUPPLEMENT OR DRUG</b><br/>[54] <b>COMPOSITION CONTENANT DE LA CARNITINE ET DU PHOSPHATE D'INOSITOL ET POUVANT SERVIR DE COMPLEMENT ALIMENTAIRE OU DE MEDICAMENT</b><br/>[72] CAVAZZA, CLAUDIO, IT<br/>[71] SIGMA-TAU HEALTHSCIENCE S.P.A., IT<br/>[85] 2000-12-12<br/>[86] 2000-04-19 (PCT/IT00/00158)<br/>[87] 2000-11-02 (WO00/64426)<br/>[30] IT (RM99A000248) 1999-04-22</p> |
| <p style="text-align: right;">[21] <b>2,335,007</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/17 6C12N 15/11 6C12N 15/12 6C07K 16/18 6C07K 14/47 6G01N 33/53 6C12Q 1/68</b><br/>[25] EN<br/>[54] <b>RETINOIC ACID INDUCIBLE DNA SEQUENCES FROM LUNG CELLS</b><br/>[54] <b>SEQUENCES D'ADN TIREES DE CELLULES PULMONAIRES ET INDUCTIBLES PAR ACIDE RETINOIQUE</b><br/>[72] CHAN, WAI-YEE, US<br/>[71] GEORGETOWN UNIVERSITY MEDICAL CENTER, US<br/>[85] 2000-12-11<br/>[86] 1999-06-11 (PCT/US99/13287)<br/>[87] 1999-12-16 (WO99/64057)<br/>[30] US (60/088,977) 1998-06-11<br/>[30] US (09/330,004) 1999-06-11</p> | <p style="text-align: right;">[21] <b>2,335,011</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F28D 9/00 6F28F 3/02</b><br/>[25] EN<br/>[54] <b>HEAT EXCHANGER</b><br/>[54] <b>ECHANGEUR DE CHALEUR</b><br/>[72] SYMONDS, KEITH THOMAS, GB<br/>[71] CHART HEAT EXCHANGERS LIMITED, GB<br/>[85] 2000-12-11<br/>[86] 1999-05-21 (PCT/GB99/01622)<br/>[87] 1999-12-23 (WO99/66280)<br/>[30] GB (9812560.2) 1998-06-12<br/>[30] GB (9903868.9) 1999-02-20</p>                             | <p style="text-align: right;">[21] <b>2,335,017</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02C 11/00 6G08B 3/10 6G02B 13/14</b><br/>[25] EN<br/>[54] <b>EYEGLOSS LOCATOR SYSTEM</b><br/>[54] <b>SYSTEME DE LOCALISATION DE LUNETTES</b><br/>[72] MCCURDY, CLARENCE, US<br/>[71] MCCURDY, CLARENCE, US<br/>[85] 2000-12-12<br/>[86] 1999-04-14 (PCT/US99/08264)<br/>[87] 1999-12-23 (WO99/66364)<br/>[30] US (09/097,332) 1998-06-15</p>  |
| <p style="text-align: right;">[21] <b>2,335,008</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G10L 19/00</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR PERFORMING PACKET LOSS OR FRAME ERASURE CONCEALMENT</b><br/>[54] <b>PROCEDE ET APPAREIL PERMETTANT DE REALISER UN MASQUAGE DE PERTE DE PAQUETS OU D'EFFACEMENT DE TRAME</b><br/>[72] KAPILOW, DAVID A., US<br/>[71] AT&amp;T CORP., US<br/>[85] 2000-12-11<br/>[86] 2000-04-19 (PCT/US00/10477)<br/>[87] 2000-10-26 (WO00/63882)<br/>[30] US (60/130,016) 1999-04-19</p>  | <p style="text-align: right;">[21] <b>2,335,013</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/42</b><br/>[25] EN<br/>[54] <b>APPARATUS FOR LOWERING INTRA-ABDOMINAL PRESSURE</b><br/>[54] <b>DISPOSITIF PERMETTANT DE REDUIRE LA PRESSION INTRA-ABDOMINALE</b><br/>[72] SUGERMAN, HARVEY, US<br/>[71] VIRGINIA COMMONWEALTH UNIVERSITY, US<br/>[85] 2000-12-11<br/>[86] 1999-07-16 (PCT/US99/16173)<br/>[87] 2000-02-03 (WO00/04835)<br/>[30] US (09/121,600) 1998-07-24</p> | <p style="text-align: right;">[21] <b>2,335,019</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F23R 3/36 6F02C 7/264</b><br/>[25] EN<br/>[54] <b>A METHOD FOR STARTING A COMBUSTION DEVICE</b><br/>[54] <b>METHODE DE LANCEMENT D'UN DISPOSITIF DE COMBUSTION</b><br/>[72] ANDERSSON, LEIF G., SE<br/>[72] STRAND, TORSTEN, SE<br/>[71] ABB AB, SE<br/>[85] 2000-12-12<br/>[86] 1999-06-04 (PCT/SE99/00966)<br/>[87] 2000-01-06 (WO00/00773)<br/>[30] SE (9802200-7) 1998-06-18</p>   |

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| <p style="text-align: right;">[21] <b>2,335,020</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04B 1/707</b><br/>[25] EN<br/>[54] <b>ONE-BIT CORRELATOR RAKE RECEIVER</b><br/>[54] <b>RECEPTEUR RAKE UN BIT</b><br/>[72] HELLBERG, RICHARD, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-12-12<br/>[86] 1999-06-08 (PCT/SE99/00999)<br/>[87] 1999-12-16 (WO99/65154)<br/>[30] SE (9802109-0) 1998-06-12</p>  | <p style="text-align: right;">[21] <b>2,335,025</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/445</b><br/>[25] EN<br/>[54] <b>TELEVISION PROGRAM RECORDING WITH USER PREFERENCE DETERMINATION</b><br/>[54] <b>ENREGISTREMENT D'EMISSION TELEVISEE AVEC DETERMINATION DE PREFERENCE UTILISATEUR</b><br/>[72] STUPAK, YURI, US<br/>[72] GOGOI, AMAR N., US<br/>[72] ISMAIL, LABEEB K., US<br/>[71] METABYTE, INC., US<br/>[85] 2000-12-12<br/>[86] 1999-06-01 (PCT/US99/12194)<br/>[87] 1999-12-16 (WO99/65237)<br/>[30] US (09/096,592) 1998-06-12</p> | <p style="text-align: right;">[21] <b>2,335,030</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/142</b><br/>[25] EN<br/>[54] <b>MEDICAL INFUSION DEVICE WITH A SOURCE OF CONTROLLED COMPLIANCE</b><br/>[54] <b>DISPOSITIF POUR PERFUSION MEDICALE EQUIPE D'UNE SOURCE DE COMPLIANCE CONTROLEE</b><br/>[72] GRAY, JOHN F., US<br/>[72] LORD, PETER C., US<br/>[72] LORENZEN, ERIC M., US<br/>[72] MC CONNEL, SUSAN M., US<br/>[72] BOSLEY, ROBERT W., US<br/>[72] GIBSON, SCOTT R., US<br/>[71] MEDICAL RESEARCH GROUP, INC., US<br/>[71] MINIMED INC., US<br/>[85] 2000-12-12<br/>[86] 1999-06-18 (PCT/US99/13902)<br/>[87] 1999-12-23 (WO99/65540)<br/>[30] US (60/089,719) 1998-06-18</p> |
| <p style="text-align: right;">[21] <b>2,335,022</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/26 6G06T 9/00</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS IN TRANSMISSION OF IMAGES</b><br/>[54] <b>PROCEDE ET DISPOSITIF PERMETTANT D'ASSURER LA TRANSMISSION D'IMAGES</b><br/>[72] CHRISTOPOULOS, CHARILAOS, SE<br/>[72] JANDEL, MAGNUS, SE<br/>[72] LARSSON, MATHIAS, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-12-12<br/>[86] 1999-06-10 (PCT/SE99/01024)<br/>[87] 2000-01-06 (WO00/01153)<br/>[30] SE (9802193-4) 1998-06-18</p> | <p style="text-align: right;">[21] <b>2,335,026</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68</b><br/>[25] EN<br/>[54] <b>MULTI-FLUORESCENT HAIRPIN ENERGY TRANSFER OLIGONUCLEOTIDES</b><br/>[54] <b>OLIGONUCLEOTIDES DE TRANSFERT D'ENERGIE EN EPINGLE A CHEVEUX A MULTIFLUORESCENCE</b><br/>[72] NARDONE, GLENN, US<br/>[71] INTERGEN COMPANY, US<br/>[85] 2000-12-12<br/>[86] 1999-06-11 (PCT/US99/12799)<br/>[87] 1999-12-16 (WO99/64432)<br/>[30] US (60/089,119) 1998-06-12</p>  | <p style="text-align: right;">[21] <b>2,335,032</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C08F 8/04</b><br/>[25] EN<br/>[54] <b>POLYALPHAOLEFINS WITH IMPROVED OXIDATIVE STABILITY AND THE PROCESS OF MAKING THEREOF</b><br/>[54] <b>POLYALPHAOLEFINES RESISTANT MIEUX A L'OXYDATION, PROCEDE DE PRODUCTION ASSOCIE</b><br/>[72] HOPE, KENNETH D., US<br/>[72] SKLEDAR, GREGG M., US<br/>[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US<br/>[85] 2000-12-13<br/>[86] 1999-06-30 (PCT/US99/14898)<br/>[87] 2000-01-06 (WO00/00521)<br/>[30] US (09/108,048) 1998-06-30</p>   |
| <p style="text-align: right;">[21] <b>2,335,024</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F03B 13/14</b><br/>[25] EN<br/>[54] <b>HYDROSTATIC WAVE ENERGY CONVERSION SYSTEM</b><br/>[54] <b>SYSTEME HYDROSTATIQUE SERVANT A CONVERTIR L'ENERGIE DES VAGUES</b><br/>[72] FELDMAN, YOSEF, IL<br/>[72] MENDES, EMANUEL, IL<br/>[71] FELDMAN, YOSEF, IL<br/>[71] MENDES, EMANUEL, IL<br/>[85] 2000-12-12<br/>[86] 1999-06-13 (PCT/IL99/00314)<br/>[87] 1999-12-23 (WO99/66198)<br/>[30] IL (124902) 1998-06-14</p>   | <p style="text-align: right;">[21] <b>2,335,028</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04B 7/155</b><br/>[25] EN<br/>[54] <b>CELL SEARCH APPARATUS AND METHOD IN ASYNCHRONOUS COMMUNICATION SYSTEM</b><br/>[54] <b>DISPOSITIF ET PROCEDE DE RECHERCHE DE CELLULE DANS UN SYSTEME DE COMMUNICATION ASYNCHRONE</b><br/>[72] LIM, CHAE-MAN, KR<br/>[71] SAMSUNG ELECTRONICS CO., LTD., KR<br/>[85] 2000-12-12<br/>[86] 2000-04-28 (PCT/KR00/00405)<br/>[87] 2000-11-09 (WO00/67396)<br/>[30] KR (1999/15224) 1999-04-28</p>                             |  |

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[21] **2,335,033**  
[13] A1  
[51] **Int.Cl. 6C09K 3/14 6C09G 1/02 6H01L 21/321**  
[25] EN  
[54] **CHEMICAL MECHANICAL POLISHING SLURRY USEFUL FOR COPPER/TANTALUM SUBSTRATE**  
[54] **BOUE DE POLISSAGE CHIMICO-MECANIQUE UTILISEE POUR POLIR LES SUBSTRATS DE CUIVRE/ TANTALE**  
[72] KAUFMAN, VLASTA BRUSIC, US  
[72] KISTLER, RODNEY C., US  
[72] WANG, SHUMIN, US  
[71] CABOT MICROELECTRONICS CORPORATION, US  
[85] 2000-12-13  
[86] 1999-06-25 (PCT/US99/14557)  
[87] 2000-01-06 (WO00/00567)  
[30] US (09/105,555) 1998-06-26

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[21] **2,335,034**  
[13] A1  
[51] **Int.Cl. 6C09G 1/02 6H01L 21/321**  
[25] EN  
[54] **CHEMICAL MECHANICAL POLISHING SLURRY USEFUL FOR COPPER/TANTALUM SUBSTRATES**  
[54] **BOUE DE POLISSAGE CHIMICO-MECANIQUE UTILISEE POUR POLIR LES SUBSTRATS DE CUIVRE/ TANTALE**  
[72] KAUFMAN, VLASTA BRUSIC, US  
[72] WANG, SHUMIN, US  
[72] KISTLER, RODNEY C., US  
[71] CABOT MICROELECTRONICS CORPORATION, US  
[85] 2000-12-13  
[86] 1999-06-25 (PCT/US99/14556)  
[87] 2000-01-06 (WO00/00561)  
[30] US (09/105,065) 1998-06-26

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[21] **2,335,036**  
[13] A1  
[51] **Int.Cl. 6A61K 7/06**  
[25] EN  
[54] **HAIR CARE COMPOSITIONS**  
[54] **COMPOSITIONS DE SOINS CAPILLAIRES**  
[72] MCMEEKIN, ANTHONY, GB  
[72] YOUNG, WENDY VICTORIA JANE, GB  
[72] MCKELVEY, GRAHAM NEIL, GB  
[72] MCCANN, CHANTELE MARY, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-12  
[86] 1999-03-27 (PCT/US99/06115)  
[87] 2000-02-10 (WO00/06103)  
[30] US (PCT/US98/15851) 1998-07-30

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[21] **2,335,037**  
[13] A1  
[51] **Int.Cl. 6D21C 9/10 6C14C 3/00 6C05G 3/00 6C05D 9/02 6A61K 31/195 6C23C 18/40**  
[25] EN  
[54] **AQUEOUS COMPOSITIONS COMPRISING COMPLEXING AGENTS AND USES THEREOF**  
[54] **COMPOSITIONS AQUEUSES COMPRENANT DES AGENTS DE COMPLEXION, ET LEURS UTILISATIONS**  
[72] INGRAM, BARRY THOMAS, GB  
[72] HEINZMAN, STEPHEN WAYNE, GB  
[72] SIMPSON, ANTHONY JOSEPH, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-12  
[86] 1999-01-25 (PCT/IB99/00122)  
[87] 1999-08-05 (WO99/39045)  
[30] GB (9802022.5) 1998-01-31

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[21] **2,335,038**  
[13] A1  
[51] **Int.Cl. 6A61K 38/48 6A61K 48/00 6A61K 38/19**  
[25] EN  
[54] **COMBINATION OF RADIOTHERAPY AND ANTI-ANGIOGENIC FACTORS**  
[54] **COMBINAISON DE FACTEURS RADIOTHERAPEUTIQUES ET ANTI-ANGIOGENIQUES**  
[72] KUFE, DONALD, W., US  
[72] WEICHSELBAUM, RALPH, R., US  
[72] SUKHATME, VIKAS, P., US  
[71] ARCH DEVELOPMENT CORPORATION, US  
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US  
[71] DANA-FARBER CANCER INSTITUTE, US  
[85] 2000-12-13  
[86] 1999-06-15 (PCT/US99/13567)  
[87] 1999-12-23 (WO99/65515)  
[30] US (60/089,218) 1998-06-15  
[30] US (60/125,566) 1999-03-23

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[21] **2,335,039**  
[13] A1  
[51] **Int.Cl. 7C11D 17/00 7C11D 3/50**  
[25] EN  
[54] **MULTIPHASE WASHING AND CLEANING AGENT SHAPED BODIES CONTAINING PERFUME**  
[54] **CORPS MOULES DETERGENTS ET NETTOYANTS A PLUSIEURS PHASES, CONTENANT UN PARFUM**  
[72] FREESE, HUBERT, DE  
[72] LIETZMANN, ANDREAS, DE  
[72] KRUSE, HANS-FRIEDRICH, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2000-12-13  
[86] 2000-05-24 (PCT/EP00/04725)  
[87] 2000-12-14 (WO00/75273)  
[30] DE (199 25 518.0) 1999-06-04

## Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] <b>2,335,040</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/32</b><br/>[25] EN<br/>[54] <b>MICROKERATOME AND METHOD FOR PERFORMING CORNEAL RESECTIONS</b><br/>[54] <b>MICROKERATOME ET PROCEDE D'EXECUTION DE RESECTIONS CORNEENNES</b><br/>[72] CARRIAZO, CESAR C., CO<br/>[71] CHRISTIAN, STEVEN L., US<br/>[71] CARRIAZO, CESAR C., CO<br/>[85] 2000-12-12<br/>[86] 2000-04-12 (PCT/US00/09797)<br/>[87] 2000-10-19 (WO00/61015)<br/>[30] US (60/128,851) 1999-04-12<br/>[30] US (09/375,154) 1999-08-16<br/>[30] US (09/517,025) 2000-03-02</p> | <p style="text-align: right;">[21] <b>2,335,043</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61J 1/00 6A61K 49/00 6A61M 5/00 6A61M 25/00 6A61M 31/00 6A61K 49/04 6A61J 1/05 6A61M 25/10</b><br/>[25] EN<br/>[54] <b>VASCULAR EMBOLIZING COMPOSITIONS COMPRISING ETHYL LACTATE AND METHODS FOR THEIR USE</b><br/>[54] <b>COMPOSITIONS D'EMBOLOGISATION VASCULAIRE RENFERMANT DU LACTATE D'ETHYLE ET LEURS PROCEDES D'UTILISATION</b><br/>[72] GREFF, RICHARD J., US<br/>[71] MICRO THERAPEUTICS, INC., US<br/>[85] 2000-12-13<br/>[86] 1999-07-02 (PCT/US99/14971)<br/>[87] 2000-01-13 (WO00/01342)<br/>[30] US (09/109,041) 1998-07-02</p> | <p style="text-align: right;">[21] <b>2,335,047</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A01N 25/04 6A01N 37/46 6A01N 43/50</b><br/>[25] EN<br/>[54] <b>BIOLOGICALLY-ACTIVE MICRODISPERSION COMPOSITION</b><br/>[54] <b>COMPOSITION DE MICRODISPERSION BIOLOGIQUEMENT ACTIVE</b><br/>[72] XIE, MIN, US<br/>[71] GUSTAFSON LLC, US<br/>[85] 2000-12-12<br/>[86] 1999-04-30 (PCT/US99/09512)<br/>[87] 1999-12-23 (WO99/65301)<br/>[30] US (09/098,842) 1998-06-17</p>   |
| <p style="text-align: right;">[21] <b>2,335,041</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H01M 2/04 7H01M 2/02</b><br/>[25] EN<br/>[54] <b>ELECTROCHEMICAL CELL FORMED WITH BIG MOUTH OPEN END CAN</b><br/>[54] <b>CELLULE ELECTROCHIMIQUE FORMEE A L'AIDE D'UN RECIPIENT A EXTREMITE OUVERTE DE GRANDE OUVERTURE</b><br/>[72] KELEMEN, MARC P., US<br/>[72] SVEC, SUSAN L., US<br/>[71] EVEREADY BATTERY COMPANY, INC., US<br/>[85] 2000-12-13<br/>[86] 1999-06-30 (PCT/US99/14851)<br/>[87] 2000-01-13 (WO00/02278)<br/>[30] US (09/109,754) 1998-07-02</p>                             | <p style="text-align: right;">[21] <b>2,335,044</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G09F 11/00</b><br/>[25] EN<br/>[54] <b>IMPROVED DISPLAY DEVICE</b><br/>[54] <b>ECRAN AMELIORE</b><br/>[72] COATES, ALAN BERNARD, AU<br/>[72] CONLON, LEE JAMES, AU<br/>[71] COATES SIGNCO PTY. LIMITED, AU<br/>[85] 2000-12-12<br/>[86] 1999-06-11 (PCT/AU99/00461)<br/>[87] 1999-12-23 (WO99/66484)<br/>[30] AU (PP 4092) 1998-06-12</p>  | <p style="text-align: right;">[21] <b>2,335,048</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C09D 5/28 7C09D 7/12 7C09D 7/14</b><br/>[25] EN<br/>[54] <b>PASTES CONTAINING MATTING AND STRUCTURING AGENTS AND COATING AGENTS CONTAINING SAID PASTES</b><br/>[54] <b>PATES CONTENANT DES AGENTS DE MATAGE ET DE STRUCTURATION ET PRODUITS DE REVETEMENT LES CONTENANT</b><br/>[72] STEPHAN, WERNER, DE<br/>[72] BERSCHEL, GUNTER, DE<br/>[72] STRICKER, WOLFGANG, DE<br/>[72] HELLMANN, UDO, DE<br/>[71] E.I. DU PONT DE NEMOURS AND COMPANY, US<br/>[85] 2000-12-12<br/>[86] 2000-03-23 (PCT/EP00/02556)<br/>[87] 2000-10-26 (WO00/63302)<br/>[30] DE (199 17 228.5) 1999-04-16</p> |
| <p style="text-align: right;">[21] <b>2,335,042</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G05B 19/418</b><br/>[25] EN<br/>[54] <b>ELECTRONIC CONTROL SYSTEM FOR INSTALLATIONS WHICH GENERATE COMPRESSED AIR OR VACUUMS</b><br/>[54] <b>COMMANDE ELECTRONIQUE POUR DES INSTALLATIONS DE PRODUCTION D'AIR COMPRIME OU DE VIDE</b><br/>[72] HOFMANN, REINHOLD, DE<br/>[71] KAESER KOMPRESSOREN GMBH, DE<br/>[85] 2000-12-12<br/>[86] 1999-06-11 (PCT/EP99/04045)<br/>[87] 1999-12-23 (WO99/66374)<br/>[30] DE (198 26 169.1) 1998-06-13</p>  | <p style="text-align: right;">[21] <b>2,335,045</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/30</b><br/>[25] EN<br/>[54] <b>OPTICAL COUPLING ELEMENT</b><br/>[54] <b>ELEMENT DE COUPLAGE OPTIQUE</b><br/>[72] PAATZSCH, THOMAS, DE<br/>[72] SMAGLINSKI, INGO, DE<br/>[71] INSTITUT FUR MIKROTECHNIK MAINZ GMBH, DE<br/>[85] 2000-12-13<br/>[86] 1999-06-21 (PCT/EP99/04298)<br/>[87] 1999-12-29 (WO99/67667)<br/>[30] DE (198 27 553.6) 1998-06-20</p>   | <p style="text-align: right;">[21] <b>2,335,049</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F04B 41/06 7F04B 49/00 7A63G 21/18</b><br/>[25] EN<br/>[54] <b>REDUNDANT ARRAY CONTROL SYSTEM FOR WATER RIDES</b><br/>[54] <b>SYSTEME DE COMMANDE D'UN ENSEMBLE REDONDANT DE DISPOSITIFS POUR PARCOURS AQUATIQUES DE LOISIRS</b><br/>[72] HENRY, JEFFERY W., US<br/>[72] LOCHTEFELD, THOMAS J., US<br/>[71] LIGHT WAVE, LTD., US<br/>[85] 2000-12-14<br/>[86] 1999-06-17 (PCT/US99/13714)<br/>[87] 1999-12-23 (WO99/66131)<br/>[30] US (60/089,542) 1998-06-17</p>   |

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[21] **2,335,050**  
[13] A1  
[51] **Int.Cl. 6D21H 17/52 6C08G 59/14**  
[25] EN  
[54] **POLYCATIONIC POLYMERS, THEIR PRODUCTION AND USE**  
[54] **POLYMERES POLYCATIONIQUES, LEUR PREPARATION ET LEUR UTILISATION**  
[72] FARRAR, JOHN F., GB  
[71] CLARIANT FINANCE (BVI) LIMITED, VG  
[85] 2000-12-12  
[86] 1999-06-21 (PCT/IB99/01155)  
[87] 1999-12-29 (WO99/67463)  
[30] GB (9813246.7) 1998-06-22

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[21] **2,335,051**  
[13] A1  
[51] **Int.Cl. 7C08F 10/00 7C08F 2/38 7C08F 2/40 7C08F 2/42**  
[25] EN  
[54] **CATALYST MODIFIERS AND THEIR USE IN THE POLYMERIZATION OF OLEFIN(S)**  
[54] **MODIFICATEURS DE CATALYSEUR ET LEUR UTILISATION DANS LA POLYMERISATION D'OLEFINE(S)**  
[72] PETERSON, THOMAS H., US  
[72] SCHRECK, DAVID JAMES, US  
[72] WENZEL, TIMOTHY T., US  
[72] MAWSON, SIMON, US  
[72] NAGAKI, DICK A., US  
[71] UNIVATION TECHNOLOGIES, LLC, US  
[85] 2000-12-13  
[86] 1999-11-29 (PCT/US99/28212)  
[87] 2000-06-22 (WO00/35969)  
[30] US (09/215,432) 1998-12-17  
[30] US (09/392,421) 1999-09-09  
[30] US (09/392,417) 1999-09-09

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[21] **2,335,052**  
[13] A1  
[51] **Int.Cl. 6C07C 7/14 6C07C 7/12**  
[25] EN  
[54] **PRODUCTION OF HIGH PURITY META-XYLENE**  
[54] **PRODUCTION DE META-XYLENE TRES PUR**  
[72] RUTTEN, PHILIPPE W. M., NL  
[72] LAW, JAMES S., NL  
[72] HUBBELL, DOUGLAS S., US  
[71] WASHINGTON GROUP INTERNATIONAL, INC., US  
[85] 2000-12-12  
[86] 1999-06-10 (PCT/US99/13015)  
[87] 1999-12-16 (WO99/64381)  
[30] US (60/089,251) 1998-06-12  
[30] US (60/118,712) 1999-02-05

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[21] **2,335,053**  
[13] A1  
[51] **Int.Cl. 7B01D 46/52 7B01D 29/07**  
[25] EN  
[54] **FOLDED FILTER**  
[54] **FILTRE A PLIS**  
[72] KOHLER, OTMAR, DE  
[71] KOHLER, OTMAR, DE  
[85] 2000-12-13  
[86] 1999-06-22 (PCT/EP99/04321)  
[87] 2000-01-06 (WO00/00269)  
[30] DE (198 29 100.0) 1998-06-30  
[30] DE (299 02 483.0) 1999-02-12

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[21] **2,335,055**  
[13] A1  
[51] **Int.Cl. 6A61L 27/00 6A61L 29/00 6A61L 31/00**  
[25] EN  
[54] **MEDICAL DEVICE HAVING ANTI-INFECTIVE AND CONTRACEPTIVE PROPERTIES**  
[54] **DISPOSITIF MEDICAL A PROPRIETES ANTI-INFECTIEUSES ET CONTRACEPTIVES**  
[72] FELLMAN, JACK, US  
[72] GREEN, TERRENCE R., US  
[71] OXIBIO, INC., US  
[85] 2000-12-13  
[86] 1999-06-18 (PCT/US99/13898)  
[87] 1999-12-23 (WO99/65538)  
[30] US (60/090,014) 1998-06-19  
[30] US (09/179,233) 1998-10-26  
[30] US (09/265,196) 1999-03-10

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[21] **2,335,056**  
[13] A1  
[51] **Int.Cl. 6C04B 24/02 6C08L 71/02 6C04B 24/24 6C04B 24/32**  
[25] EN  
[54] **AIR ENTRAINMENT WITH POLYOXYALKYLENE COPOLYMERS FOR CONCRETE TREATED WITH OXYALKYLENE SRA**  
[54] **ENTRAINEMENT DE L'AIR A L'AIDE DE COPOLYMERES DE POLYOXYALKYLENE POUR DU BETON TRAITÉ AVEC DES MELANGES REDUCTEURS DE RETRAIT A BASE D'OXYALKYLENE**  
[72] BUDIANSKY, NOAH D., US  
[72] CHUN, BYONG-WA, US  
[72] WILLIAMS, BRENT S., US  
[71] W.R. GRACE & CO.-CONN., US  
[85] 2000-12-13  
[86] 1999-06-14 (PCT/US99/13323)  
[87] 1999-12-23 (WO99/65841)  
[30] US (60/089,700) 1998-06-18

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[21] **2,335,057**  
[13] A1  
[51] **Int.Cl. 7A47G 19/22 7A47G 23/02 7F25C 1/04 7F25D 3/08 7F25C 1/22**  
[25] EN  
[54] **A SUPPORT FOR SUPPORTING AN ICE BEAKER, A METHOD OF PRODUCING ICE BEAKERS AND AN ICE-MAKING MACHINE**  
[54] **MOULES POUR VERRES EN GLACE, ET SUPPORT PERMETTANT DE SOUTENIR UN VERRE EN GLACE LORS DE SON UTILISATION**  
[72] MONTANARI, MARIO, IT  
[72] GHEDINI, LAURO, IT  
[71] REALE S.R.L., IT  
[85] 2000-12-13  
[86] 1999-06-28 (PCT/IT99/00192)  
[87] 2000-01-06 (WO00/00066)  
[30] IT (BO98A000395) 1998-06-29

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| <p style="text-align: right;">[21] <b>2,335,058</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61M 31/00</b><br/>[25] EN<br/>[54] <b>METHOD, IMPLANT AND DELIVERY SYSTEM FOR ENHANCING BLOOD FLOW IN TISSUE</b><br/>[54] <b>METHODE, IMPLANT ET SYSTEME DE LIBERATION UTILISES POUR ACCROITRE LE DEBIT SANGUIN DANS LES TISSUS</b><br/>[72] JOSLYN, DANFORTH, US<br/>[72] NIKOLIC, SERJAN D., US<br/>[72] PARKER, THEODORE L., US<br/>[71] NEOVASYS, INC., US<br/>[85] 2000-12-13<br/>[86] 1999-06-21 (PCT/US99/14176)<br/>[87] 1999-12-29 (WO99/66978)<br/>[30] US (60/090,279) 1998-06-22<br/>[30] US (60/090,400) 1998-06-22</p> | <p style="text-align: right;">[21] <b>2,335,061</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G09F 3/02</b><br/>[25] EN<br/>[54] <b>LABELS</b><br/>[54] <b>ETIQUETTES</b><br/>[72] BARRY, DAVID ROBERT, US<br/>[71] DAVID J. INSTANCE LIMITED, GB<br/>[85] 2000-12-13<br/>[86] 1999-05-27 (PCT/GB99/01673)<br/>[87] 1999-12-29 (WO99/67767)<br/>[30] US (09/102,011) 1998-06-22</p>   | <p style="text-align: right;">[21] <b>2,335,064</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61M 39/10</b><br/>[25] EN<br/>[54] <b>SAFETY INDEXED MEDICAL CONNECTORS</b><br/>[54] <b>CONNECTEURS MEDICAUX A INDICE DE SECURITE</b><br/>[72] CORN, STEPHEN B., US<br/>[72] SEGAL, SCOTT, US<br/>[71] QD ENTERPRISES, LLC, US<br/>[85] 2000-12-13<br/>[86] 1999-06-08 (PCT/US99/12878)<br/>[87] 1999-12-16 (WO99/64103)<br/>[30] US (09/094,433) 1998-06-08</p>  |
| <p style="text-align: right;">[21] <b>2,335,059</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/70</b><br/>[25] EN<br/>[54] <b>DEVICE FOR SECURING SPINAL RODS</b><br/>[54] <b>DISPOSITIF D'ANCRAGE D'UNE BROCHE SPINALE</b><br/>[72] NICHOLS, DAVID, US<br/>[71] SURGICAL DYNAMICS, INC., US<br/>[85] 2000-12-13<br/>[86] 1999-06-16 (PCT/US99/13510)<br/>[87] 1999-12-23 (WO99/65415)<br/>[30] US (09/098,927) 1998-06-17</p>   | <p style="text-align: right;">[21] <b>2,335,062</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 45/06</b><br/>[25] EN<br/>[54] <b>COADMINISTRATION OF ACAT AND MMP INHIBITORS FOR THE TREATMENT OF ATHEROSCLEROTIC LESIONS</b><br/>[54] <b>CO-ADMINISTRATION D'INHIBITEURS DE ACAT ET DE MMP POUR LE TRAITEMENT DE LESIONS ATHEROSCLEREUSES</b><br/>[72] BOCAN, THOMAS MICHAEL ANDREW, US<br/>[71] WARNER-LAMBERT COMPANY, US<br/>[85] 2000-12-13<br/>[86] 1999-06-18 (PCT/US99/13948)<br/>[87] 2000-02-03 (WO00/04892)<br/>[30] US (60/093,639) 1998-07-21</p>  | <p style="text-align: right;">[21] <b>2,335,065</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/12 6A61K 31/135 6A61K 31/46</b><br/>[25] EN<br/>[54] <b>PHARMACEUTICAL FORMULATIONS FOR AEROSOLS WITH TWO OR MORE ACTIVE SUBSTANCES</b><br/>[54] <b>PREPARATIONS PHARMACEUTIQUES POUR AEROSOLS A DEUX PRINCIPES ACTIFS OU PLUS</b><br/>[72] MCNAMARA, DANIEL P., US<br/>[72] DESTEFANO, GEORGE A., US<br/>[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US<br/>[85] 2000-12-13<br/>[86] 1999-06-08 (PCT/US99/12785)<br/>[87] 1999-12-23 (WO99/65464)<br/>[30] DE (198 27 178.6) 1998-06-18<br/>[30] DE (198 42 963.0) 1998-09-19</p> |
| <p style="text-align: right;">[21] <b>2,335,060</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G06N 3/08 7G06K 9/64 7G06F 15/80</b><br/>[25] EN<br/>[54] <b>N-TUPLE OR RAM BASED NEURAL NETWORK CLASSIFICATION SYSTEM AND METHOD</b><br/>[54] <b>SYSTEME ET PROCEDE DE CLASSIFICATION DE RESEAUX NEURONAUX A N-TUPLES OU RAM</b><br/>[72] LINNEBERG, CHRISTIAN, DK<br/>[72] JORGENSEN, THOMAS MARTINI, DK<br/>[71] INTELLIX A/S, DK<br/>[85] 2000-12-13<br/>[86] 1999-06-21 (PCT/DK99/00340)<br/>[87] 1999-12-29 (WO99/67694)<br/>[30] DK (PA 1998 00883) 1998-06-23</p>   | <p style="text-align: right;">[21] <b>2,335,063</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C23C 14/12 6C08J 7/06</b><br/>[25] EN<br/>[54] <b>A COMPOSITE MATERIAL COMPRISING A SUBSTRATE WITH A BARRIER LAYER</b><br/>[54] <b>MATERIAU COMPOSITE COMPRENANT UN SUBSTRAT MUNI D'UNE COUCHE BARRIERE</b><br/>[72] JAHROMI, SHAHAB, NL<br/>[72] AAGAARD, OLAV MARCUS, NL<br/>[72] HOUBEN, JAN MARIA, NL<br/>[72] RAEMAEKERS, KAREL GERARDUS HUBERTUS, NL<br/>[71] DSM N.V., NL<br/>[85] 2000-12-13<br/>[86] 1999-04-15 (PCT/NL99/00219)<br/>[87] 1999-12-23 (WO99/66097)<br/>[30] NL (1009405) 1998-06-15</p> | <p style="text-align: right;">[21] <b>2,335,066</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/06 6A61F 5/01 6A61F 5/30 6A43B 13/40 6A61F 2/78</b><br/>[25] EN<br/>[54] <b>SELF-ADHERING FRICTION REDUCING LINER AND METHOD OF USE</b><br/>[54] <b>DOUBLURE AUTOCOLLANTE REDUISANT LE FROTTEMENT ET SON PROCEDE D'UTILISATION</b><br/>[72] CARLSON, J. MARTIN, US<br/>[72] STOLL, STACEY R., US<br/>[71] TAMARACK HABILITATION TECHNOLOGIES, INC., US<br/>[85] 2000-12-13<br/>[86] 1999-06-14 (PCT/US99/13384)<br/>[87] 1999-12-23 (WO99/65434)<br/>[30] US (09/094,888) 1998-06-15</p>   |



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[21] **2,335,068**  
[13] A1

[51] **Int.Cl. 6C07C 263/20**  
[25] EN  
[54] **METHOD FOR TREATING DISTILLATION RESIDUES FROM THE SYNTHESIS OF TOLUENE DIISOCYANATE**  
[54] **PROCEDE DE TRAITEMENT DE RESIDUS DE DISTILLATION RESULTANT DE LA SYNTHESE DE DIISOCYANATE DE TOLUYLENE**  
[72] SCHWARZ, HANS VOLKMAR, BE  
[72] RICHTER, SIEGFRIED, DE  
[72] HANTEL, BURGHARD, DE  
[72] MAURER, MARKUS, DE  
[72] STROFER, ECKHARD, DE  
[72] SANDER, MICHAEL, DE  
[72] LEUTHOLD, RENE, DE  
[72] THERRE, JORG, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-12-13  
[86] 1999-06-02 (PCT/EP99/03812)  
[87] 1999-12-23 (WO99/65868)  
[30] DE (198 27 086.0) 1998-06-18

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[21] **2,335,069**  
[13] A1

[51] **Int.Cl. 7H01M 4/24 7C01B 3/00 7H01M 4/30 7H01M 4/62**  
[25] EN  
[54] **HYDROGEN STORAGE ALLOY ELECTRODE, BATTERY INCLUDING THE SAME AND METHOD FOR PRODUCING THE BOTH**  
[54] **ELECTRODE EN ALLIAGE DE STOCKAGE D'HYDROGENE, BATTERIE COMPRENANT CELLE-CI ET LEUR PROCEDE DE FABRICATION**  
[72] IWASAKI, MIZUO, JP  
[72] YAMASAKI, YASUHIKO, JP  
[72] MAEDA, AKIHIRO, JP  
[72] MORIWAKI, YOSHIO, JP  
[72] KURANAKA, SOU, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-12-13  
[86] 2000-04-10 (PCT/JP00/02343)  
[87] 2000-10-19 (WO00/62359)  
[30] JP (11/106592) 1999-04-14  
[30] JP (2000/52670) 2000-02-29

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[21] **2,335,070**  
[13] A1

[51] **Int.Cl. 7C11B 3/06**  
[25] EN  
[54] **PROCESS FOR REFINING FATTY SUBSTANCES**  
[54] **PROCEDE SERVANT A RAFFINER DES SUBSTANCES GRAISSEUSES**  
[72] BERTHOLET, RAYMOND, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2000-12-13  
[86] 1999-07-20 (PCT/EP99/05333)  
[87] 2000-02-24 (WO00/09637)  
[30] EP (98202698.1) 1998-08-11

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[21] **2,335,072**  
[13] A1

[51] **Int.Cl. 7G01F 1/84**  
[25] EN  
[54] **VIBRATING CONDUIT AND METHODS FOR GENERATING COMPENSATED MASS FLOW ESTIMATES**  
[54] **CONDUIT VIBRANT ET PROCEDES POUR LA GENERATION D'ESTIMATIONS DE DEBIT MASSIQUE COMPENSE**  
[72] NORMEN, DAVID F., US  
[72] CUNNINGHAM, TIMOTHY J., US  
[72] SHELLEY, STUART J., US  
[71] MICRO MOTION, INC., US  
[85] 2000-12-13  
[86] 1999-07-14 (PCT/US99/15907)  
[87] 2000-02-17 (WO00/08423)  
[30] US (09/129,746) 1998-08-05

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[21] **2,335,113**  
[13] A1

[51] **Int.Cl. 6A61K 49/00 6A61B 5/00 6A61K 41/00 6A61C 17/02 6A61C 19/06 6A61N 5/06 6A61K 31/195**  
[25] EN  
[54] **MATERIAL FOR MODIFYING THE OPTICAL PROPERTIES OF DIFFERENT CELLS, DEVICE FOR APPLYING SUCH A MATERIAL, DIAGNOSTIC APPARATUS FOR DETERMINING THE OPTICAL PROPERTIES OF CELLS AND DEVICE FOR IRRADIATING CELLS**  
[54] **MATIERE DE MODIFICATION DIFFERENCIEE DES PROPRIETES OPTIQUES DE DIFFERENTES CELLULES**  
[72] IRION, KLAUS, DE  
[72] HAHN, RAINER, DE  
[71] HAHN, RAINER, DE  
[85] 2000-12-14  
[86] 1999-06-01 (PCT/EP99/03778)  
[87] 2000-01-13 (WO00/01350)  
[30] DE (198 27 417.3) 1998-06-19

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[21] **2,335,114**  
[13] A1

[51] **Int.Cl. 6C07D 201/16**  
[25] EN  
[54] **SEPARATION OF EPSILON CAPROLACTAM FROM ISOMERS**  
[54] **SEPARATION D'EPSILON-CAPROLACTAME D'ISOMERES**  
[72] MILLER, JAY FINGERET, US  
[72] KELLER, GEORGE ERNEST II, US  
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[85] 2000-12-14  
[86] 1999-06-14 (PCT/US99/13407)  
[87] 1999-12-23 (WO99/65873)  
[30] US (09/094,650) 1998-06-15  
[30] US (09/094,651) 1998-06-15

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[21] **2,335,115**  
[13] A1  
[51] **Int.Cl. 6C07D 487/04 6C07D 209/00 6C07D 223/00 6C07D 333/00 6C07D 495/14**  
[25] EN  
[54] **FUSED AZEPINONE CYCLIN DEPENDENT KINASE INHIBITORS**  
[54] **INHIBITEURS DE KINASES DEPENDANTES DE LA CYCLINE SOUS FORME D'AZEPINONE FUSIONNEE**  
[72] KUNICK, CONRAD, DE  
[72] SAUSVILLE, EDWARD A., US  
[72] JALLURI, RAVI K., US  
[72] ZAHAREVITZ, DANIEL W., US  
[72] GUSSIO, RICK, US  
[72] MEIJER, LAURENT, FR  
[71] KUNICK, CONRAD, DE  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US  
[71] MEIJER, LAURENT, FR  
[85] 2000-12-14  
[86] 1999-06-16 (PCT/US99/13579)  
[87] 1999-12-23 (WO99/65910)  
[30] US (60/089,619) 1998-06-16

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[21] **2,335,116**  
[13] A1  
[51] **Int.Cl. 6G09G 5/32**  
[25] EN  
[54] **CHARACTER DISPLAY AND CHARACTER DISPLAYING METHOD**  
[54] **DISPOSITIF ET PROCEDE D'AFFICHAGE DE CARACTERES**  
[72] YANO, FUMIKO, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2000-12-14  
[86] 1999-04-20 (PCT/JP99/02101)  
[87] 2000-10-26 (WO00/63875)

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[21] **2,335,117**  
[13] A1  
[51] **Int.Cl. 6B60R 21/18**  
[25] EN  
[54] **BELT SYSTEM WITH INFLATABLE SECTION WITHIN AN OUTER BELT SECTION AND METHOD OF RESTRAINT**  
[54] **SYSTEME DE CEINTURE DOTE D'UNE PARTIE GONFLABLE SITUEE AU SEIN D'UNE PARTIE DE CEINTURE EXTERIEURE ET METHODE DE RETENUE**  
[72] MCCLENATHAN, ROBERT V., US  
[72] SMITH, A. GARY, US  
[72] HAMMER, DAVID R., US  
[71] UNIVERSAL PROPULSION COMPANY, INC., US  
[85] 2000-12-14  
[86] 1999-06-14 (PCT/US99/13399)  
[87] 1999-12-23 (WO99/65733)  
[30] US (09/099,858) 1998-06-18

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[21] **2,335,118**  
[13] A1  
[51] **Int.Cl. 6E03C 1/01 6E03C 1/05**  
[25] EN  
[54] **SELF-CLEANING HAND WASHER**  
[54] **LAVE-MAINS AUTONETTOYANT**  
[72] FERNIE, GEOFFREY ROY, CA  
[71] SUNNYBROOK AND WOMEN'S COLLEGE HEALTH SCIENCES CENTRE, CA  
[85] 2000-12-14  
[86] 1998-06-17 (PCT/CA98/00591)  
[87] 1999-12-23 (WO99/66138)

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[21] **2,335,119**  
[13] A1  
[51] **Int.Cl. 6A62D 3/00 6B09C 1/08 6B09C 1/10**  
[25] EN  
[54] **A METHOD FOR REMEDIATING A MEDIUM**  
[54] **PROCEDE POUR REMEDIER A UN MILIEU**  
[72] SUCHECKI, RONALD J., JR., US  
[72] MCBRIAN, JAY L., US  
[71] TERRALIFT INTERNATIONAL, LTD., US  
[85] 2000-12-14  
[86] 1999-06-18 (PCT/US99/13651)  
[87] 1999-12-23 (WO99/65573)  
[30] US (09/099,754) 1998-06-18

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[21] **2,335,120**  
[13] A1  
[51] **Int.Cl. 6A61J 1/05**  
[25] EN  
[54] **MEMBRANE PORT FOR A CONTAINER**  
[54] **ORIFICE A MEMBRANE DE RECIPIENT**  
[72] CASPARY, GLEN A., US  
[72] SAUNDERS, RALPH E., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-12-14  
[86] 1999-06-18 (PCT/US99/13845)  
[87] 1999-12-23 (WO99/65446)  
[30] US (09/099,282) 1998-06-18

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[21] **2,335,121**  
[13] A1  
[51] **Int.Cl. 6G02F 1/03 6H04B 10/00**  
[25] EN  
[54] **MODULATING RETROREFLECTOR USING MULTIPLE QUANTUM WELL TECHNOLOGY**  
[54] **RETROREFLECTEUR DE MODULATION BASE SUR LA TECHNOLOGIE DES Puits QUANTIQUES MULTIPLES**  
[72] SENASACK, H. E., US  
[72] MERK, CHARLES H., US  
[72] GILBREATH, G. CHARMAINE, US  
[72] RABINOVICH, WILLIAM S., US  
[72] BOWMAN, STEVEN R., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC, US  
[85] 2000-12-14  
[86] 1999-05-17 (PCT/US99/10789)  
[87] 1999-12-23 (WO99/66367)  
[30] US (09/094,635) 1998-06-15

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[21] **2,335,122**  
[13] A1  
[51] **Int.Cl. 7A47K 10/42**  
[25] EN  
[54] **INTERFOLDED DISPENSER NAPKINS**  
[54] **SERVIETTES PLIEES DE DISTRIBUTEUR**  
[72] SKERRETT, JOHN RICHARD, US  
[72] CHAN, MICHAEL YUWAH, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-12-14  
[86] 1999-06-25 (PCT/US99/14405)  
[87] 2000-01-06 (WO00/00072)  
[30] US (09/106,978) 1998-06-29

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| <p style="text-align: right;">[21] <b>2,335,130</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/06 6D04B 21/12</b><br/>[25] EN<br/>[54] <b>REMOTELY REMOVABLE COVERING AND SUPPORT</b><br/>[54] <b>ENVELOPPE POUVANT ETRE RETIREE A DISTANCE ET SUPPORT ASSOCIE</b><br/>[72] VONESH, MICHAEL, US<br/>[72] ARMSTRONG, JOSEPH ROBERT, US<br/>[71] GORE ENTERPRISE HOLDINGS, INC., US<br/>[85] 2000-12-14<br/>[86] 1999-06-07 (PCT/US99/12980)<br/>[87] 1999-12-23 (WO99/65420)<br/>[30] US (09/098,103) 1998-06-15</p>  | <p style="text-align: right;">[21] <b>2,335,134</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/435</b><br/>[25] EN<br/>[54] <b>THERAPEUTIC COMBINATIONS OF (SELECTIVE) ESTROGEN RECEPTOR MODULATORS (SERM) AND GROWTH HORMONE SECRETAGOGUES (GHS) FOR TREATING MUSCULOSKELETAL FRAILITY</b><br/>[54] <b>TRAITEMENT ASSOCIE DE LA FRAGILITE MUSCULO-SQUELETTIQUE A BASE DE MODULATEUR (SELECTIFS) DE RECEPTEURS D'OESTROGENE ET DE SECRETAGOGUES D'HORMONE DE CROISSANCE</b><br/>[72] KE, HUA ZHU, US<br/>[72] PAN, LYDIA CODETTA, US<br/>[72] LI, MEI, US<br/>[72] THOMPSON, DAVID DUANE, US<br/>[71] PFIZER PRODUCTS INC., US<br/>[85] 2000-12-14<br/>[86] 1999-06-16 (PCT/IB99/01117)<br/>[87] 1999-12-23 (WO99/65486)<br/>[30] US (60/089,469) 1998-06-16</p> | <p style="text-align: right;">[21] <b>2,335,137</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 251/70</b><br/>[25] EN<br/>[54] <b>PROCESS FOR THE PREPARATION OF TRIAZINE CARBAMATES</b><br/>[54] <b>PROCEDE DE PREPARATION DE CARBAMATES DE TRIAZINE</b><br/>[72] ZHAO, HONG, US<br/>[71] CYTEC TECHNOLOGY CORP., US<br/>[85] 2000-12-14<br/>[86] 1999-05-10 (PCT/US99/10182)<br/>[87] 1999-12-23 (WO99/65883)<br/>[30] US (60/089,453) 1998-06-16</p>  |
| <p style="text-align: right;">[21] <b>2,335,131</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/26</b><br/>[25] EN<br/>[54] <b>MONOLITHIC COAXIAL DEVICE</b><br/>[54] <b>DISPOSITIF MONOLITHIQUE COAXIAL</b><br/>[72] BERKEY, GEORGE E., US<br/>[72] NOLAN, DANIEL A., US<br/>[71] CORNING INCORPORATED, US<br/>[85] 2000-12-14<br/>[86] 1999-06-25 (PCT/US99/14523)<br/>[87] 2000-01-06 (WO00/00860)<br/>[30] US (60/091,092) 1998-06-29</p>   | <p style="text-align: right;">[21] <b>2,335,136</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04B 1/707 6H04B 7/216</b><br/>[25] EN<br/>[54] <b>SYSTEM AND METHOD FOR NARROWING THE RANGE OF FREQUENCY UNCERTAINTY OF A DOPPLER SHIFTED SIGNAL</b><br/>[54] <b>SYSTEME ET PROCEDE PERMETTANT DE REDUIRE LE DOMAINE D'INCERTITUDE DE FREQUENCE DANS LE CAS D'UN GLISSEMENT DE SIGNAL PAR EFFET DOPPLER</b><br/>[72] BUTLER, BRIAN K., US<br/>[72] AGRAWAL, AVNEESH, US<br/>[72] HARMS, BRIAN, US<br/>[72] GREGORY, SHERMAN A., US<br/>[71] QUALCOMM INCORPORATED, US<br/>[85] 2000-12-14<br/>[86] 1999-06-14 (PCT/US99/13552)<br/>[87] 1999-12-23 (WO99/66649)<br/>[30] US (09/097,842) 1998-06-15</p>  | <p style="text-align: right;">[21] <b>2,335,138</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C08L 71/00 7H01B 1/06 7H01M 10/40</b><br/>[25] EN<br/>[54] <b>SOLID CROSSLINKED-POLYMER ELECTROLYTE AND USE THEREOF</b><br/>[54] <b>ELECTROLYTE SOLIDE A POLYMERE RETICULE ET SON UTILISATION</b><br/>[72] HIGOBASHI, HIROKI, JP<br/>[72] TABUCHI, MASATO, JP<br/>[72] MATSUI, SHOUHEI, JP<br/>[72] MIURA, KATSUHITO, JP<br/>[71] DAISO CO., LTD., JP<br/>[85] 2000-12-14<br/>[86] 2000-04-18 (PCT/JP00/02505)<br/>[87] 2000-10-26 (WO00/63292)<br/>[30] JP (11/110810) 1999-04-19</p> |
| <p style="text-align: right;">[21] <b>2,335,133</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B23K 9/035 7B60G 9/00 7B60G 11/27</b><br/>[25] EN<br/>[54] <b>AXLE/ADAPTER ASSEMBLY FOR VEHICLE SUSPENSION AND SUSPENSION INCORPORATING SAME</b><br/>[54] <b>ENSEMBLE ESSIEU/ ADAPTATEUR POUR SUSPENSION DE VEHICULE, ET SUSPENSION LE COMPRENANT</b><br/>[72] PIERCE, WILLIAM C., US<br/>[71] HOLLAND NEWAY INTERNATIONAL, INC., US<br/>[85] 2000-12-14<br/>[86] 2000-05-18 (PCT/US00/13612)<br/>[87] 2000-11-30 (WO00/71290)<br/>[30] US (60/135,282) 1999-05-21</p> | <p style="text-align: right;">[21] <b>2,335,139</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A47H 5/032</b><br/>[25] EN<br/>[54] <b>DISTANCE-CONTROLLED ELECTRICALLY POWERED UNIT FOR ACTUATING RAIL-MOUNTED CURTAINS</b><br/>[54] <b>UNITE MOTORISEE ACTIONNABLE A DISTANCE PERMETTANT LE DEPLACEMENT DE RIDEAUX OU ANALOGUES INSTALLES DANS LES RAILS</b><br/>[72] MONTESINOS ALONSO, VICENTE, ES<br/>[71] C.A.S. LOCKS, S.L., ES<br/>[85] 2000-12-14<br/>[86] 1999-06-17 (PCT/ES99/00180)<br/>[87] 1999-12-23 (WO99/65372)<br/>[30] ES (P 9801274) 1998-06-17</p>   |  |

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[21] **2,335,141**  
[13] A1

[51] **Int.Cl. 6B67D 1/08**  
[25] EN  
[54] **A DISPENSER FOR COLD DRINKS**  
[54] **DISTRIBUTEUR DE BOISSONS FROIDES**  
[72] JOHANSSON, HANS, SE  
[72] WEIDINGER, ERWIN, AT  
[72] MANSSON, ULF, DE  
[71] CM BEVERAGE DISPENSER SYSTEM AB, SE  
[85] 2000-12-14  
[86] 1999-06-17 (PCT/SE99/01088)  
[87] 2000-01-06 (WO00/00423)  
[30] SE (9802149-6) 1998-06-17

[21] **2,335,142**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6A01H 4/00 6A01H 5/00 6C12N 5/04 6A01H 1/06**  
[25] EN  
[54] **PROCESS FOR CONVERSION OF GERMLASM**  
[54] **TECHNIQUE DE CONVERSION DU MATERIEL GENETIQUE**  
[72] KASTER, LARRY VON, US  
[72] HUANG, TZAO FEN, US  
[72] REYSACK, JAMES JARVIS, US  
[72] HAWKINS, ALAN FRANCIS, US  
[71] ADVANTA TECHNOLOGY LIMITED, GB  
[85] 2000-12-14  
[86] 1999-06-15 (PCT/US99/13532)  
[87] 1999-12-23 (WO99/66034)  
[30] US (09/100,516) 1998-06-19

[21] **2,335,173**  
[13] A1

[51] **Int.Cl. 6A61B 17/12**  
[25] EN  
[54] **A DEVICE FOR ENABLING THE TREATMENT OF HAEMORRHOIDS**  
[54] **DISPOSITIF PERMETTANT DE TRAITER LES HEMORROIDES**  
[72] GHAREEB, ESSAM, IE  
[72] DELASSUS, PATRICK, IE  
[71] GHAREEB, ESSAM, IE  
[71] DELASSUS, PATRICK, IE  
[85] 2000-12-15  
[86] 1999-06-15 (PCT/IE99/00052)  
[87] 1999-12-23 (WO99/65400)  
[30] IE (S980471) 1998-06-16

[21] **2,335,174**  
[13] A1

[51] **Int.Cl. 6A61F 5/451 6A61F 5/441 6A61F 5/443**  
[25] EN  
[54] **URINE COLLECTOR**  
[54] **COLLECTEUR D'URINE**  
[72] D'ACCHIOLI, VINCENZO, DE  
[72] PALUMBO, GIANFRANCO, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-15  
[86] 1999-06-28 (PCT/US99/14604)  
[87] 2000-01-06 (WO00/00115)  
[30] US (PCT/US98/13288) 1998-06-26  
[30] US (PCT/US98/13289) 1998-06-26  
[30] EP (98124493.2) 1998-12-28

[21] **2,335,175**  
[13] A1

[51] **Int.Cl. 6B01D 37/04 6C02F 1/44**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RECOVERY OF WATER AND SLURRY ABRASIVES USED FOR CHEMICAL AND MECHANICAL PLANARIZATION**  
[54] **PROCEDE ET APPAREIL POUR LA REUPERATION D'EAU ET D'ABRASIFS EN SUSPENSION UTILISES POUR LA PLANARISATION CHIMIQUE ET MECANIQUE**  
[72] CORLETT, GARY L., US  
[72] GEATZ, J. TOBIN, US  
[72] FERRI, EDWARD T., JR., US  
[71] LUCID TREATMENT SYSTEMS, INC., US  
[85] 2000-12-15  
[86] 1999-05-25 (PCT/US99/11498)  
[87] 1999-12-23 (WO99/65592)  
[30] US (09/099,280) 1998-06-18

[21] **2,335,176**  
[13] A1

[51] **Int.Cl. 7B65H 5/12 7B65H 29/06 7B65H 3/42 7B65H 29/68**  
[25] EN  
[54] **A HIGH-SPEED ROTARY TRANSFER DEVICE**  
[54] **DISPOSITIF DE TRANSFERT ROTATIF A GRANDE VITESSE**  
[72] HELTON, RONALD HERBERT, US  
[72] BRIDGES, RUSSELL PEARCE, US  
[72] HAMILTON, JAMES YU, US  
[72] DROSTE, JOHN FREDERICK, US  
[72] IRAOLAGOITIA, MAITE, VE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-15  
[86] 1999-06-24 (PCT/IB99/01184)  
[87] 2000-01-06 (WO00/00419)  
[30] US (09/107,376) 1998-06-30

[21] **2,335,177**  
[13] A1

[51] **Int.Cl. 6A61F 5/44**  
[25] EN  
[54] **BREATHABLE URINE COLLECTOR**  
[54] **COLLECTEUR D'URINE RESPIRANT**  
[72] D'ACCHIOLI, VINCENZO, DE  
[72] PALUMBO, GIANFRANCO, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-15  
[86] 1999-06-28 (PCT/US99/14605)  
[87] 2000-01-06 (WO00/00110)  
[30] US (PCT/US98/13288) 1998-06-26  
[30] US (PCT/US98/13289) 1998-06-26  
[30] EP (98124492.4) 1998-12-28

[21] **2,335,178**  
[13] A1

[51] **Int.Cl. 6C10M 159/18**  
[25] EN  
[54] **LUBRICATING OIL COMPOSITIONS**  
[54] **COMPOSITIONS POUR HUILES LUBRIFIANTES**  
[72] BELL, IAN ALEXANDER WESTON, GB  
[72] CLEVERLEY, JOHN A., GB  
[72] WANGNER, RONALD PAUL, US  
[72] ARUNASALAM, VELAUTHA-CUMARAN, GB  
[71] INFINEUM USA L.P., US  
[85] 2000-12-15  
[86] 1999-06-15 (PCT/EP99/04152)  
[87] 1999-12-23 (WO99/66013)  
[30] GB (9813070.1) 1998-06-17

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[21] **2,335,180**  
[13] A1

[51] **Int.Cl. 6B07B 1/24 6B07B 9/00 6B07B 4/02 6B07B 13/02 6B07B 13/16 6B07B 1/46**  
[25] EN  
[54] **GRAIN CLEANER**  
[54] **NETTOYEUR DE GRAINS**  
[72] MANNING, DONALD R., AU  
[72] READ, BRIAN J., AU  
[71] PHOENIXBILT INDUSTRIES LTD., CA  
[85] 2000-12-15  
[86] 1999-06-16 (PCT/CA99/00565)  
[87] 1999-12-23 (WO99/65619)  
[30] CA (2,240,788) 1998-06-16  
[30] CA (2,264,373) 1999-03-03

[21] **2,335,181**  
[13] A1

[51] **Int.Cl. 7C01B 39/00**  
[25] EN  
[54] **MOLECULAR SIEVE CIT-6**  
[54] **TAMIS MOLECULAIRE CIT-6**  
[72] DAVIS, MARK E., US  
[72] TAKEWAKI, TAKAHIKO, JP  
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US  
[85] 2000-12-15  
[86] 1999-05-13 (PCT/US99/10632)  
[87] 2000-01-06 (WO00/00430)  
[30] US (09/106,598) 1998-06-29  
[30] US (09/288,247) 1999-04-08

[21] **2,335,182**  
[13] A1

[51] **Int.Cl. 7G07B 15/00**  
[25] EN  
[54] **ROADSIDE CONTROL DEVICE FOR A TOLL APPARATUS INSTALLED IN A MOTOR VEHICLE**  
[54] **DISPOSITIF DE CONTROLE COTE ROUTE POUR UN APPAREIL DE PEAGE INSTALLE DANS UN VEHICULE**  
[72] BARKER, RONALD, DE  
[72] WIDL, ANDREAS, DE  
[71] MANNESMANN AG, DE  
[85] 2000-12-15  
[86] 1999-05-26 (PCT/DE99/01586)  
[87] 1999-12-23 (WO99/66455)  
[30] DE (198 28 913.8) 1998-06-18

[21] **2,335,183**  
[13] A1

[51] **Int.Cl. 6A61K 9/127**  
[25] EN  
[54] **METHOD OF FORMING LIPOSOMES**  
[54] **PROCEDE DE PREPARATION DE LIPOSOMES**  
[72] JAYASEKERA, PRAMUKH NALAKA, GB  
[72] ZADI, BRAHIM, GB  
[72] GREGORIADIS, GREGORY, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2000-12-15  
[86] 1999-06-16 (PCT/GB99/01911)  
[87] 1999-12-23 (WO99/65465)  
[30] GB (9813100.6) 1998-06-18

[21] **2,335,246**  
[13] A1

[51] **Int.Cl. 6A61B 6/00**  
[25] EN  
[54] **DETECTION OF CANCER USING CELLULAR AUTOFLUORESCENCE**  
[54] **DETECTION DE CANCERS A L'AIDE DE L'AUTOFLUORESCENCE CELLULAIRE**  
[72] BANERJEE, BHASKAR, US  
[71] BANERJEE, BHASKAR, US  
[85] 2000-12-14  
[86] 1998-08-25 (PCT/US98/17597)  
[87] 1999-12-23 (WO99/65394)  
[30] US (09/097,931) 1998-06-16

[21] **2,335,312**  
[13] A1

[51] **Int.Cl. 6G06F 13/40**  
[25] EN  
[54] **INTERFACE MODULE WITH PROTECTION CIRCUIT AND METHOD OF PROTECTING AN INTERFACE**  
[54] **MODULE D'INTERFACE COMPORTANT UN CIRCUIT DE PROTECTION ET PROCEDE DE PROTECTION D'UNE INTERFACE**  
[72] TRAN, THINH D., US  
[72] CHAN, TING-LI, US  
[71] QLOGIC CORPORATION, US  
[85] 2000-12-15  
[86] 1999-06-22 (PCT/US99/14084)  
[87] 1999-12-29 (WO99/67717)  
[30] US (09/104,731) 1998-06-25

[21] **2,335,313**  
[13] A1

[51] **Int.Cl. 6B65G 49/05**  
[25] EN  
[54] **AUTOMATED OPENING AND CLOSING OF ULTRA CLEAN STORAGE CONTAINERS**  
[54] **SYSTEME AUTOMATIQUE D'OUVERTURE ET DE FERMETURE DE RECIPIENTS DE STOCKAGE ULTRA PROPRES**  
[72] TODOROV, ALEXANDER D., US  
[72] BOTEV, ROUMEN G., US  
[72] GENOV, GENCO (deceased), ZZ  
[71] GENMARK AUTOMATION, INC., US  
[85] 2000-12-15  
[86] 1999-06-17 (PCT/US99/13781)  
[87] 1999-12-23 (WO99/65803)  
[30] US (09/098,349) 1998-06-17

[21] **2,335,314**  
[13] A1

[51] **Int.Cl. 6C23C 2/20 6B05C 11/06**  
[25] EN  
[54] **IMPROVEMENTS IN JET STRIPPING APPARATUS**  
[54] **AMELIORATIONS APORTEES A UN APPAREIL DE STRIPPING PAR JET**  
[72] TU, CAT, AU  
[72] EL-BACHA, BECHARA, AU  
[71] BHP STEEL (JLA) PTY LTD., AU  
[85] 2000-12-15  
[86] 1999-05-25 (PCT/AU99/00408)  
[87] 2000-01-13 (WO00/01861)  
[30] AU (PP 4419) 1998-06-30

[21] **2,335,316**  
[13] A1

[51] **Int.Cl. 7C09J 7/02 7B32B 31/00**  
[25] EN  
[54] **ADHESIVE TRANSFER DEVICE**  
[54] **DISPOSITIF DE TRANSFERT D'ADHESIF**  
[72] BRADSHAW, FRANKLIN C., US  
[72] O'KEEFE, ROBERT V., US  
[72] NEUBURGER, CARL D., US  
[71] XYRON, INC., US  
[85] 2000-12-15  
[86] 1999-06-29 (PCT/US99/12830)  
[87] 2000-01-06 (WO00/00562)  
[30] US (60/091,295) 1998-06-30  
[30] US (60/095,210) 1998-08-03  
[30] US (60/130,558) 1999-04-22

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[21] **2,335,317**  
[13] A1  
[51] **Int.Cl. 6H01L 51/20 6G03F 7/09**  
[25] EN  
[54] **PRODUCTION OF STRUCTURED ELECTRODES**  
[54] **PRODUCTION D'ELECTRODES STRUCTUREES**  
[72] GUNTHER, EWALD, SG  
[71] OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG, DE  
[85] 2000-12-15  
[86] 1999-06-07 (PCT/DE99/01655)  
[87] 1999-12-23 (WO99/66568)  
[30] DE (198 27 224.3) 1998-06-18

[21] **2,335,319**  
[13] A1  
[51] **Int.Cl. 6G21K 5/10**  
[25] EN  
[54] **ARTICLE IRRADIATION SYSTEM HAVING INTERMEDIATE WALL OF RADIATION SHIELDING MATERIAL WITHIN LOOP OF A CONVEYOR SYSTEM THAT TRANSPORTS THE ARTICLES**  
[54] **SYSTEME D'IRRADIATION D'ARTICLES COMPRENANT UNE PAROI INTERMEDIAIRE REALISEE DANS UN MATERIAU FORMANT UN ECRAN DE PROTECTION CONTRE LES RAYONNEMENTS PLACE DANS UNE BOUCLE D'UN SYSTEME D'ACHEMINEMENT QUI TRANSPORTE LES ARTICLES**  
[72] ALLEN, JOHN THOMAS, US  
[72] SULLIVAN, GEORGE MICHAEL JR., US  
[72] WILLIAMS, COLIN BRIAN, US  
[71] THE TITAN CORPORATION, US  
[85] 2000-12-15  
[86] 1999-06-15 (PCT/US99/13437)  
[87] 1999-12-29 (WO99/67793)  
[30] US (09/102,942) 1998-06-23

[21] **2,335,321**  
[13] A1  
[51] **Int.Cl. 7F02K 3/06 7F01D 5/14 7F04D 29/32**  
[25] EN  
[54] **INTEGRATED FAN/LOW PRESSURE COMPRESSOR ROTOR FOR GAS TURBINE ENGINE**  
[54] **ROTOR DE COMPRESSEUR A BASSE PRESSION ET A SOUFFLANTE INTEGREE, DESTINE A UN MOTEUR A TURBINE A GAZ**  
[72] ROMANI, GIUSEPPE, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[85] 2000-12-15  
[86] 1999-06-22 (PCT/CA99/00581)  
[87] 2000-01-20 (WO00/03136)  
[30] US (09/112,236) 1998-07-09

[21] **2,335,322**  
[13] A1  
[51] **Int.Cl. 6A61K 31/435 6C07D 217/00 6C07D 215/02 6C07D 215/04 6C07D 411/04 6C07D 413/04 6C07D 211/06 6C07D 411/06 6C07D 413/06 6A61K 31/445 6A61K 31/47**  
[25] EN  
[54] **INHIBITORS OF SEROTONIN REUPTAKE**  
[54] **INHIBITEURS DE REABSORPTION DE LA SEROTONINE**  
[72] ROCCO, VINCENT PATRICK, US  
[72] KOCH, DANIEL JAMES, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-12-15  
[86] 1999-06-04 (PCT/US99/12473)  
[87] 1999-12-23 (WO99/65487)  
[30] US (60/090,070) 1998-06-19

[21] **2,335,323**  
[13] A1  
[51] **Int.Cl. 6A61L 25/00**  
[25] EN  
[54] **METHOD OF TISSUE REPAIR II**  
[54] **REPARATION DE TISSUS (II)**  
[72] TRICKETT, RODNEY IAN, AU  
[72] MAITZ, PETER, AU  
[72] OWEN, EARL RONALD, AU  
[72] DAWES, JUDITH MARGARET, AU  
[72] DEKKER, PETER, AU  
[72] PIPER, JAMES AUSTIN, AU  
[71] THE MICROSEARCH FOUNDATION OF AUSTRALIA, AU  
[71] MACQUARIE RESEARCH LTD., AU  
[85] 2000-12-18  
[86] 1999-06-18 (PCT/AU99/00495)  
[87] 1999-12-23 (WO99/65536)  
[30] AU (PP 4214) 1998-06-18

[21] **2,335,325**  
[13] A1  
[51] **Int.Cl. 6B05D 1/34 6C09J 5/04**  
[25] EN  
[54] **METHOD OF APPLICATION**  
[54] **PROCEDE D'APPLICATION**  
[72] JANACKOVIC, ANNA, SE  
[72] LINDBERG, STEFAN, SE  
[72] NASLI-BAKIR, BENYAHIA, SE  
[71] AKZO NOBEL N.V., NL  
[85] 2000-12-18  
[86] 1999-06-16 (PCT/SE99/01084)  
[87] 1999-12-29 (WO99/67028)  
[30] SE (9802223-9) 1998-06-22  
[30] SE (9802222-1) 1998-06-22  
[30] SE (9802224-7) 1998-06-22  
[30] US (60/091,440) 1998-07-01  
[30] US (60/091,438) 1998-07-01  
[30] US (60/091,442) 1998-07-01  
[30] SE (9803549-6) 1998-10-16  
[30] SE (9803550-4) 1998-10-16  
[30] SE (9803551-2) 1998-10-16

[21] **2,335,327**  
[13] A1  
[51] **Int.Cl. 6C07D 251/18 6C07D 403/12 6C07D 407/12 6C07D 413/12 6C07D 417/12 6C07C 279/26 6A01N 43/68**  
[25] EN  
[54] **2,4-DIAMINO-1,3,5-TRIAZINES, THEIR PREPARATION, AND THEIR USE AS HERBICIDES AND PLANT GROWTH REGULATORS**  
[54] **2,4-DIAMINO-1,3,5-TRIAZINES, LEUR PRODUCTION ET LEUR UTILISATION COMME HERBICIDES ET REGULATEURS DE LA CROISSANCE VEGETALE**  
[72] AULER, THOMAS, DE  
[72] GIENCKE, WOLFGANG, DE  
[72] BIERINGER, HERMANN, DE  
[72] ROSINGER, CHRISTOPHER, DE  
[72] MINN, KLEMENS, DE  
[72] WILLMS, LOTHAR, DE  
[71] AVENTIS CROPS SCIENCE GMBH, DE  
[85] 2000-12-15  
[86] 1999-06-02 (PCT/EP99/03817)  
[87] 1999-12-23 (WO99/65882)  
[30] DE (198 26 670.7) 1998-06-16

## PCT Applications Entering the National Phase

[21] **2,335,328**  
[13] A1

[51] **Int.Cl. 6C07D 487/04 6C07D 237/00 6C07D 249/00 6A61K 31/50**  
[25] EN  
[54] **A SUBSTITUTED TRIAZOLO-PYRIDAZINE DERIVATIVE, PHARMACEUTICAL COMPOSITIONS MADE THEREFROM**  
[54] **DERIVE DE TRIAZOLO-PYRIDAZINE SUBSTITUE ET COMPOSITIONS PHARMACEUTIQUES FABRIQUEES A PARTIR DE CE DERIVE**  
[72] DAVIES, ANTONY JOHN, GB  
[72] CARLING, WILLIAM ROBERT, GB  
[72] MCCABE, JAMES FRANCIS, GB  
[72] MADIN, ANDREW, GB  
[72] STREET, LESLIE JOSEPH, GB  
[72] PEARCE, GARETH EDWARD STEPHEN, GB  
[72] COWDEN, CAMERON JOHN, GB  
[72] CASTRO PINEIRO, JOSE LUIS, GB  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 2000-12-15  
[86] 1999-06-15 (PCT/GB99/01897)  
[87] 1999-12-29 (WO99/67245)  
[30] GB (9813576.7) 1998-06-24

[21] **2,335,329**  
[13] A1

[51] **Int.Cl. 6C07J 9/00 6C07J 11/00 6A61K 31/575**  
[25] EN  
[54] **MEIOSIS REGULATING COMPOUNDS**  
[54] **COMPOSES POUR REGULER LA MEIOSE**  
[72] MURRAY, ANTHONY, DK  
[72] FAARUP, PETER, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2000-12-15  
[86] 1999-06-18 (PCT/DK99/00333)  
[87] 1999-12-29 (WO99/67273)  
[30] DK (PA 1998 00810) 1998-06-19  
[30] DK (PA 1998 00807) 1998-06-19  
[30] US (60/092,763) 1998-07-14  
[30] US (60/093,025) 1998-07-16  
[30] DK (PA 1999 00141) 1999-02-04  
[30] DK (PA 1999 00140) 1999-02-04

[21] **2,335,331**  
[13] A1

[51] **Int.Cl. 6G11C 29/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR AUTHENTICATING DIGITAL OPTICAL MEDIA**  
[54] **PROCEDE ET SYSTEME D'AUTHENTIFICATION DE SUPPORTS OPTIQUES NUMERIQUES**  
[72] SOLLISH, BARUCH, IL  
[71] T.T.R. TECHNOLOGIES LTD., IL  
[85] 2000-12-15  
[86] 1999-06-15 (PCT/IL99/00324)  
[87] 1999-12-23 (WO99/66510)  
[30] US (09/103,682) 1998-06-15

[21] **2,335,332**  
[13] A1

[51] **Int.Cl. 6H01J 65/04**  
[25] EN  
[54] **DIELECTRIC LAYER FOR DISCHARGE LAMPS, AND ASSOCIATED PRODUCTION PROCESS**  
[54] **COUCHE DIELECTRIQUE POUR LAMPES A DECHARGE, ET SON PROCEDE DE REALISATION**  
[72] VOLLKOMMER, FRANK, DE  
[72] ZWASCHKA, FRANZ, DE  
[72] MULLER, ULRICH, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[85] 2000-12-15  
[86] 1999-06-11 (PCT/DE99/01703)  
[87] 1999-12-23 (WO99/66538)  
[30] DE (198 26 809.2) 1998-06-16

[21] **2,335,333**  
[13] A1

[51] **Int.Cl. 6A61F 2/06 6A61F 11/00 6A61M 29/00**  
[25] EN  
[54] **SELF EXPANDING BIFURCATED ENDOVASCULAR PROSTHESIS**  
[54] **PROTHESE ENDOVASCULAIRE BIFURQUEE A DILATATION AUTOMATIQUE**  
[72] SHOKOOHI, MEHRDAD, US  
[72] MADRID, GILBERT, US  
[72] DOUGLAS, MYLES S., US  
[71] ENDOLOGIX, INC., US  
[85] 2000-12-15  
[86] 1999-05-28 (PCT/US99/12048)  
[87] 1999-12-23 (WO99/65419)  
[30] US (09/100,481) 1998-06-19

[21] **2,335,334**  
[13] A1

[51] **Int.Cl. 7A61F 13/42 7A47L 13/17**  
[25] EN  
[54] **DISPOSABLE TREATMENT ARTICLE HAVING A RESPONSIVE SYSTEM**  
[54] **ARTICLE JETABLE POURVU D'UN SYSTEME SENSIBLE**  
[72] EHRNSPERGER, BRUNO JOHANNES, DE  
[72] ALLEN, PATRICK ALLEN, US  
[72] SCHMIDT, MATTIAS, DE  
[72] ROE, DONALD CARROLL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-15  
[86] 1999-06-29 (PCT/US99/14636)  
[87] 2000-01-06 (WO00/00148)  
[30] US (09/107,561) 1998-06-29  
[30] US (09/106,225) 1998-06-29  
[30] US (60/090,993) 1998-06-29

[21] **2,335,336**  
[13] A1

[51] **Int.Cl. 6A61K 31/46 6C07D 401/04 6C07D 413/04 6C07D 417/04 6C07D 401/14 6A61K 31/505 6A61K 31/53**  
[25] EN  
[54] **INHIBITION OF SEROTONIN REUPTAKE**  
[54] **INHIBITION DE LA REABSORPTION DE LA SEROTONINE**  
[72] NISSEN, JEFFREY SCOTT, US  
[72] MCDANIEL, STACEY LEIGH, US  
[72] AUDIA, JAMES EDMUND, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-12-15  
[86] 1999-06-04 (PCT/US99/12602)  
[87] 1999-12-23 (WO99/65492)  
[30] US (60/089,951) 1998-06-19

[21] **2,335,337**  
[13] A1

[51] **Int.Cl. 6A61K 39/00 6A61K 39/385 6A61K 39/39 6C12N 9/64**  
[25] EN  
[54] **METHODS AND MATERIALS FOR THE TREATMENT OF PROSTATIC CARCINOMA**  
[54] **PROCEDES ET MATIERES UTILES POUR LE TRAITEMENT DU CARCINOME PROSTATIQUE**  
[72] SEID, CHRISTOPHER ALLEN, US  
[72] SINGH, GURPREET, US  
[71] ZONAGEN, INC., US  
[85] 2000-12-15  
[86] 1999-04-30 (PCT/US99/09592)  
[87] 1999-12-23 (WO99/65521)  
[30] US (09/099,017) 1998-06-17

## Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] <b>2,335,338</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01B 9/02</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR ULTRASONIC LASER TESTING</b><br/>[54] <b>PROCEDE ET APPAREIL POUR ESSAIS AU LASER ET PAR ULTRASONS</b><br/>[72] DRAKE, THOMAS E., JR., US<br/>[71] LOCKHEED MARTIN CORPORATION, US<br/>[85] 2000-12-15<br/>[86] 1999-06-30 (PCT/US99/14844)<br/>[87] 2000-01-06 (WO00/00783)<br/>[30] US (60/091,240) 1998-06-30</p>   | <p style="text-align: right;">[21] <b>2,335,622</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B01J 20/28 7E02B 15/04 7C09K 3/32</b><br/>[25] EN<br/>[54] <b>DEVICE FOR ABSORBING OR COLLECTING A LIQUID</b><br/>[54] <b>DISPOSITIF PERMETTANT D'ABSORBER OU DE COLLECTER UN LIQUIDE</b><br/>[72] SCHMIDT, MATTIAS, DE<br/>[72] EHRNSPERGER, BRUNO<br/>JOHANNES, DE<br/>[72] GRUENBACHER, DANA PAUL, US<br/>[72] WNUK, ANDREW JULIAN, US<br/>[72] SCHOENE, RAINER WALTER, DE<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-12-20<br/>[86] 1999-06-29 (PCT/US99/14643)<br/>[87] 2000-01-06 (WO00/00281)<br/>[30] WO (PCT/US98/13449) 1998-06-29<br/>[30] WO (PCT/US98/13497) 1998-06-29<br/>[30] WO (PCT/US98/13521) 1998-06-29<br/>[30] WO (PCT/US98/13523) 1998-06-29</p> | <p style="text-align: right;">[21] <b>2,335,625</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7E02B 15/04 7B01D 61/00 7B01D 17/022 7C09K 3/32</b><br/>[25] EN<br/>[54] <b>METHOD FOR OIL REMOVAL AND TRANSPORT, AND DEVICE FOR OIL REMOVAL AND TRANSPORT</b><br/>[54] <b>PROCEDE ET DISPOSITIF D'ELIMINATION ET DE TRANSPORT DES HUILES</b><br/>[72] SCHMIDT, MATTIAS, DE<br/>[72] GRUENBACHER, DANA PAUL, US<br/>[72] EHRNSPERGER, BRUNO<br/>JOHANNES, DE<br/>[72] WNUK, ANDREW JULIAN, US<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2000-12-20<br/>[86] 1999-06-29 (PCT/US99/14644)<br/>[87] 2000-01-06 (WO00/00702)<br/>[30] US (PCT/US98/13449) 1998-06-29<br/>[30] US (PCT/US98/13497) 1998-06-29<br/>[30] US (PCT/US98/13521) 1998-06-29<br/>[30] US (PCT/US98/13523) 1998-06-29</p> |
| <p style="text-align: right;">[21] <b>2,335,620</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/19 6A61K 47/34 6A61K 47/38 6A61K 31/44</b><br/>[25] EN<br/>[54] <b>SOLID PREPARATION CONTAINING SPARINGLY SOLUBLE NSAIDS</b><br/>[54] <b>PREPARATION SOLIDES CONTENANT DES AINS AISEMENT SOLUBLES</b><br/>[72] TAKAMATSU, MIKI, JP<br/>[72] EGAWA, YASUSHI, JP<br/>[72] HASHIMOTO, YOSHIMI, JP<br/>[72] KISHIMOTO, HIDEYUKI, JP<br/>[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP<br/>[85] 2000-12-20<br/>[86] 1999-07-21 (PCT/JP99/03899)<br/>[87] 2000-02-03 (WO00/04896)<br/>[30] JP (10/206320) 1998-07-22</p> | <p style="text-align: right;">[21] <b>2,335,624</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 7/00</b><br/>[25] EN<br/>[54] <b>DEVICE FOR COOLING INFANT'S BRAIN</b><br/>[54] <b>DISPOSITIF POUR LE REFROIDISSEMENT DU CERVEAU D'UN JEUNE ENFANT</b><br/>[72] STEFANILE, JOSEPH P., US<br/>[72] MILES, STEVEN G., US<br/>[72] DELL'ARIO, DALE J., US<br/>[71] OLYMPIC MEDICAL CORP., US<br/>[85] 2000-12-20<br/>[86] 1999-05-10 (PCT/US99/10174)<br/>[87] 2000-01-27 (WO00/03666)<br/>[30] US (09/116,827) 1998-07-16</p>  | <p style="text-align: right;">[21] <b>2,335,627</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D21G 1/00 6D21H 19/00</b><br/>[25] EN<br/>[54] <b>METHOD AND ARRANGEMENT FOR CALENDERING PAPER AND BOARD BEFORE AND AFTER COATING</b><br/>[54] <b>PROCEDE ET DISPOSITIF DE CALANDRAGE DE PAPIER ET DE CARTON AVANT ET APRES LE COUCHAGE</b><br/>[72] KYTONEN, PAULI, FI<br/>[72] TANI, MIKKO, FI<br/>[71] VALMET CORPORATION, FI<br/>[85] 2000-12-20<br/>[86] 1999-06-24 (PCT/FI99/00563)<br/>[87] 1999-12-29 (WO99/67462)<br/>[30] FI (981467) 1998-06-25</p>   |



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[21] **2,335,631**

[13] A1

[51] **Int.Cl. 6D21H 23/30 6D21H 25/04**

[25] EN

[54] **METHOD AND APPARATUS FOR TREATING THE SURFACE OF A WEB**

[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE LA SURFACE D'UNE BANDE**

[72] HEIKKINEN, ANTTI, FI

[72] TANI, MIKKO, FI

[72] LINNONMAA, PEKKA, FI

[71] VALMET CORPORATION, FI

[85] 2000-12-20

[86] 1999-06-22 (PCT/FI99/00546)

[87] 1999-12-29 (WO99/67466)

[30] FI (981429) 1998-06-22

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[21] **2,335,636**

[13] A1

[51] **Int.Cl. 6A61K 9/70 6A61K 38/21**

[25] EN

[54] **STICKING PLASTER FOR CONTROLLED RELEASE OF NATURAL INTERFERON**

[54] **EMPLATRE ADHESIF POUR LA LIBERATION CONTROLEE DE L'INTERFERON NATUREL**

[72] BROZZO, RENZO, IT

[72] TARRO, GIULIO, IT

[71] UNIHART CORPORATION, IE

[85] 2000-12-20

[86] 1998-06-22 (PCT/EP98/03809)

[87] 1999-12-29 (WO99/66906)

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[21] **2,336,207**

[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01H 5/00**

**7A01H 5/10 7C12N 5/10 7C07K 14/435**

**7C07K 14/72 7C12N 15/82**

[25] EN

[54] **ECDYSONE RECEPTORS AND METHODS FOR THEIR USE**

[54] **RECEPTEURS DE L'ECDYSONE ET PROCEDES D'UTILISATION DESDITS RECEPTEURS**

[72] BROOKE, CATHERINE D., US

[72] GARNAAT, CARL W., US

[72] ROTH, BRADLEY ALLEN, US

[72] ALBERTSEN, MARC C., US

[71] PIONEER HI-BRED

INTERNATIONAL, INC., US

[85] 2001-03-09

[86] 1999-09-10 (PCT/US99/20715)

[87] 2000-03-23 (WO00/15791)

[30] US (60/099,793) 1998-09-10

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[21] **2,328,857**

[13] A1

[51] **Int.Cl. 7B60N 2/22 7B60N 2/48**

[25] EN

[54] **SECUREMENT OF HEAD REST SUPPORT INTO AUTOMOBILE SEAT FRAME**

[54] **FIXATION DU SUPPORT D'APPUIE-TETE DANS L'ELEMENT DU CADRE DE SIEGE D'UNE AUTOMOBILE**

[72] PETERSEN, HORST UDO, CA

[71] BEND ALL MANUFACTURING INC., CA

[22] 1998-04-23

[43] 1998-10-25

[62] 2,235,636

[30] GB (9708394.3) 1997-04-25

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[21] **2,333,841**

[13] A1

[51] **Int.Cl. 7B41J 2/05**

[25] EN

[54] **LIQUID EJECTION HEAD AND APPARATUS, AND MANUFACTURING METHOD FOR THE LIQUID EJECTION HEAD**

[54] **TETE ET APPAREIL D'EJECTION DE LIQUIDE ET METHODE DE FABRICATION DE LA TETE D'EJECTION DE LIQUIDE**

[72] KUDO, KIYOMITSU, JP

[72] YOSHIHARA, AYA, JP

[72] ISHINAGA, HIROYUKI, JP

[72] ASAKAWA, YOSHI, JP

[72] YAMAKAWA, KOUJI, JP

[72] ONO, TAKAYUKI, JP

[72] ORIKASA, TSUYOSHI, JP

[72] KIGAMI, HIROYUKI, JP

[72] HAYASAKI, KIMIYUKI, JP

[72] OHKAWA, MASAYOSHI, JP

[72] FUKAI, HISASHI, JP

[72] KASHINO, TOSHIO, JP

[71] CANON KABUSHIKI KAISHA, JP

[22] 1997-06-06

[43] 1997-12-07

[62] 2,207,265

[30] JP (145684/1996) 1996-06-07

[30] JP (145685/1996) 1996-06-07

[30] JP (203144/1996) 1996-07-12

## Canadian Divisional and Previously Unavailable Laid-Open applications

# Index of Canadian Patents Issued

April 10, 2001

# Index des brevets canadiens délivrés

10 avril 2001

|  |           |                                      |           |  |           |
|--|-----------|--------------------------------------|-----------|--|-----------|
| 3D SYSTEMS, Inc.                               | 1,341,214 | Arroyo, Candido John                 | 2,113,862 | BIOXEL PHARMA INC.                         | 2,021,942 |
| AB VOLVO                                       | 2,053,265 | Arterbery, Cynthia W.                | 2,031,727 | BIS, TOMASZ                                | 2,202,835 |
| Abar, Michael D.                               | 2,189,273 | ARTROMICK                            |           | BLOMLOOF, Leif                             | 2,200,738 |
| ABB AIR PREHEATER, INC.                        | 2,219,923 | INTERNATIONAL, INC.                  | 2,062,045 | Blonder Tongue Laboratories,<br>Inc.       | 2,071,500 |
| ABBOTT LABORATORIES                            | 2,086,974 | ARVIN INDUSTRIES, INC.               | 2,045,700 | Blusiewicz, Philip A.                      | 2,071,500 |
| Abkowitz, Martin A.                            | 2,144,258 | Ashton, Raymond J.                   | 2,149,738 | BOEHRINGER INGELHEIM<br>INTERNATIONAL GMBH | 2,070,647 |
| Abrams, John S.                                | 2,130,436 | ASTRA AKTIEBOLAG                     | 2,251,636 | BOEHRINGER INGELHEIM<br>INTERNATIONAL GMBH | 2,081,150 |
| Ach, Ernst                                     | 2,142,072 | AT&T CORP.                           | 2,161,473 | Bolosky, William J.                        | 2,136,141 |
| ADAIR, EDWIN L.                                | 2,301,714 | AT&T CORP.                           | 2,207,867 | Boots Company PLC (The)                    | 2,073,768 |
| ADAIR, JEFFREY L.                              | 2,301,714 | ATOCHEM                              | 2,045,736 | Borys, Stanely S.                          | 2,196,534 |
| ADAIR, RANDALL S.                              | 2,301,714 | Avila, Michael R.                    | 2,189,273 | Bosc, Jean-Jacques                         | 2,162,106 |
| ADIR ET COMPAGNIE                              | 2,119,661 | AXYTRANS S.A.                        | 2,064,204 | Bothe, Juergen                             | 2,082,311 |
| ADIR ET COMPAGNIE                              | 2,162,106 | Ayers, Gregory M.                    | 2,152,654 | Bott, Tim Allen                            | 2,182,321 |
| ADIR ET COMPAGNIE                              | 2,165,618 | Ayers, Gregory M.                    | 2,154,727 | BOUTILIER, Glenn David                     | 2,212,144 |
| ADVANCED<br>CARDIOVASCULAR<br>SYSTEMS, INC.    | 2,196,237 | Ayers, Gregory M.                    | 2,190,681 | BOUTILIER, Glenn David                     | 2,212,175 |
| AGA AKTIEBOLAG                                 | 2,124,295 | Azariah, Moshe                       | 2,124,295 | BRABON GMBH & CO. KG                       | 2,057,110 |
| AHR, Nicholas Albert                           | 2,205,028 | Bain, Jacques                        | 2,048,438 | Bracken, Ronald L.                         | 2,178,922 |
| Aigner, Erwin                                  | 2,101,486 | BAKER HUGHES INC.                    | 2,107,576 | BRADSHAW, JOHN RICHARD                     | 2,164,546 |
| AIKAWA IRON WORKS CO.,<br>LTD.                 | 2,170,682 | BALLARD POWER SYSTEMS<br>INC.        | 2,149,793 | Brantford Chemicals Inc.                   | 2,077,252 |
| Aikawa, Yoshihiko                              | 2,170,682 | Balsiger, Benno                      | 2,023,656 | Braungart, Kathleen M.                     | 2,151,967 |
| Ainali, Markku Sakari                          | 2,176,291 | Bam, Narendra                        | 2,164,121 | BRESSI, Jerome C.                          | 2,222,299 |
| AITA, Tomoyuki                                 | 2,198,074 | Barrera, Joseph S., III              | 2,136,141 | BRIDGESTONE<br>CORPORATION                 | 2,015,690 |
| Akao, Kenichiro                                | 2,120,177 | Barron, Charles Dwain                | 2,107,576 | Brinkerhoff, Kenneth W.                    | 2,105,866 |
| Alex, Patrick                                  | 2,136,710 | BASF CORPORATION                     | 2,111,891 | Britt, James E.                            | 2,149,738 |
| Alfa-Laval Agri International<br>Aktiebolag    | 2,067,233 | BAXTER INTERNATIONAL<br>INC.         | 2,069,620 | Brooktree Corporation                      | 2,114,969 |
| Alferness, Clifton A.                          | 2,154,727 | BAYER                                |           | BROWN Todd R.                              | 2,218,910 |
| Ali, Kamal                                     | 2,157,209 | AKTIENGESELLSCHAFT                   | 2,024,917 | BTG INTERNATIONAL<br>LIMITED               | 2,064,889 |
| ALLAN BLOCK<br>CORPORATION                     | 2,182,321 | BAYER CORPORATION                    | 2,057,593 | Bucchianeri, Richard                       | 2,069,620 |
| ALPHANET TELECOM INC.                          | 2,008,573 | Bazinet, Robert                      | 2,159,259 | Buchanan, Jeffery James                    | 2,007,426 |
| Alt, Helmut G.                                 | 2,135,225 | Beardsley, Duane                     | 2,062,045 | BUHLER, Steven A.                          | 2,217,595 |
| Altmanshofer, Robert Dale                      | 2,191,553 | Beauchamp, Gary                      | 2,157,209 | BULLINGTON, Robert E.                      | 2,242,423 |
| Alvarez, Jose G.                               | 2,142,502 | Béchar, Genevieve                    | 2,183,390 | BURGESS, David P.                          | 2,204,858 |
| ALZA CORPORATION                               | 2,069,750 | Becker, Gavin Sidney Milroy          | 2,070,200 | Burres, Neal S.                            | 2,056,412 |
| AMERICAN CYANAMID<br>COMPANY                   | 2,032,593 | Becker, Karl                         | 2,175,189 | Burt, Richard A.                           | 2,147,784 |
| American Seating Company                       | 2,185,416 | Behe, Thomas J.                      | 2,177,518 | Buswell, Richard F.                        | 2,149,793 |
| AMERICAN TELEPHONE<br>AND TELEGRAPH<br>COMPANY | 2,113,862 | Belecky, June M. B.                  | 2,059,096 | CABLESHARE, INC.                           | 2,015,912 |
| Amimoto, Yoshikatsu                            | 2,056,631 | BELL, James Alexander Evert          | 2,094,369 | CALGON CORPORATION                         | 2,051,883 |
| Anderson, Richard Paul                         | 2,196,534 | Belser, Mark D.                      | 2,189,273 | Callaham, W. Timothy                       | 2,031,727 |
| Anderson, Thomas Wayne                         | 2,195,495 | Bemis Manufacturing Company          | 2,066,520 | CANON DENSHI KABUSHIKI<br>KAISHA           | 2,211,986 |
| ANDRITZ-AHLSTROM OY                            | 2,150,385 | Bemis, Peter Francis                 | 2,066,520 | Capkun, Edward Anthony                     | 2,082,431 |
| ANDRITZ-AHLSTROM OY                            | 2,196,503 | BENECKE-KALIKO<br>AKTIENGESELLSCHAFT | 2,098,385 | CARDIAC PACEMAKERS,<br>INC.                | 2,150,048 |
| AOKI, Shinji                                   | 2,246,076 | Benetti, Sonja R.                    | 2,059,096 | CARDIAC PACEMAKERS,<br>INC.                | 2,152,654 |
| Applebaum, Sidney Philip                       | 1,341,213 | Benjamin, Frederick A.               | 2,047,212 | CARDIAC PACEMAKERS,<br>INC.                | 2,154,727 |
| Arens-Corell, Michaela                         | 2,035,443 | Benson, Clark Kertell                | 2,073,291 | CARDIAC PACEMAKERS,<br>INC.                | 2,190,681 |
| Armstrong, Donn Reynolds                       | 2,196,534 | BERGHOLM, Joseph O.                  | 2,207,867 | Caridis, Andrew Anthony                    | 2,073,291 |
| Arnold, Paul Douglas                           | 2,124,344 | Berrong, David Bruce                 | 2,035,985 |  |           |
| Arnon, Ephraim                                 | 2,082,431 | BERTRAM, GEORGE<br>TEOFILIUS         | 2,286,222 |  |           |

## Index of Canadian Patents Issued April 10, 2001

|  |           |  |           |  |           |
|--|-----------|--|-----------|--|-----------|
| CARKNER, STEVEN  | 2,265,948 | Deming, Laura Lee  | 2,069,620 | Ferro Corporation  | 2,066,520 |
| CARL FREUDENBERG   | 2,143,469 | DENSO CORPORATION  | 2,174,403 | Fisher, Roneldo Lee  | 2,032,351 |
| Carney, Murray C.  | 2,101,115 | DEPNER, Michael  | 2,203,647 | FITCH, Edward Paul V.  | 2,206,992 |
| Carson, Douglas Timothy  | 2,035,091 | Dessauer, Guido  | 2,057,110 | Fitzgerald, Robert P.  | 2,136,141 |
| CENTRO DE INMUNOLOGIA<br>MOLECULAR                                       | 2,163,151 | DEUTSCHE THOMSON-<br>BRANDT GMBH   | 2,086,731 | Fitzgibbons, Gary W.   | 2,054,176 |
| Cerf, Martine  | 2,045,736 | DEUTSCHES<br>KREBSFORSCHUNGSZE<br>NTRUM HEIDELBERG,<br>Stiftung des öffentlichen | 2,081,150 | FLEXIBLE STEEL LACING<br>COMPANY   | 2,030,203 |
| Cerf, Martine  | 2,136,710 | Devaux, Franklin   | 2,064,204 | FMW FORDERANLAGEN<br>UND MASCHINEBAU<br>GmbH                             | 2,175,189 |
| Cha, Charles Y.  | 2,051,883 | Dever, Gerald R.   | 2,178,922 | Fond, Olivier  | 2,046,510 |
| CHANG, Suk   | 2,225,771 | Dexter, Jeffrey L.   | 2,167,887 | FORBES, James Wilfred  | 2,202,835 |
| Chang, Tse-Wen   | 2,074,089 | DICTAPHONE<br>CORPORATION  | 2,004,855 | Forfar, Isabelle   | 2,162,106 |
| Cheong, Catherine L.   | 2,095,077 | DIEHL REMSCHEID GmbH &<br>CO.  | 2,170,524 | Forman, Michael R.   | 2,194,734 |
| Chin, Evelyn   | 2,126,015 | DIMITRIJEVIC, Milan  | 2,224,841 | Forschungszentrum Karlsruhe,<br>Gesellschaft mit<br>beschränkter Haftung | 2,081,150 |
| Cho, Joong Myung   | 2,190,344 | DIVO, Michael  | 2,203,647 | Foster, Thomas Lee   | 2,033,563 |
| Ciarletta, John A.   | 2,057,593 | DOBLOUG TALBOT, ANETTE   | 2,128,209 | FOTINOS, Nicephoros A.   | 2,245,556 |
| CIBA SPECIALTY<br>CHEMICALS HOLDING<br>INC.                              | 2,023,918 | Doshi, Bharat Tarachand  | 2,161,473 | FRANKE, Joachim  | 2,212,517 |
| CIBA SPECIALTY<br>CHEMICALS HOLDING<br>INC.                              | 2,044,327 | Doto, Shigeaki   | 2,182,338 | Freeman, Jeffrey W.  | 2,134,503 |
| Clark, Joseph D.   | 2,011,825 | DOUGLASS, James G. III   | 2,222,299 | Frey, Alan Eugene  | 2,195,495 |
| Clausi, Joseph V.  | 2,149,793 | Dousson, Christian   | 2,136,710 | Friar, Timothy A.  | 2,062,045 |
| Coaltex, Inc.  | 2,010,545 | DRAGOO, Jerry Layne  | 2,204,895 | Frias, Ernesto Moreno  | 2,163,151 |
| Coates, Jonathan A. V.   | 2,059,263 | Draves, Richard P., Jr.  | 2,136,141 | Friedman, Michael  | 2,019,410 |
| Coffey, Conrad M.  | 2,114,969 | DREIER, Kimberly Ann   | 2,198,860 | FUJISAWA<br>PHARMACEUTICAL CO.,<br>LTD.                                  | 2,027,608 |
| Cohen, Haim  | 2,124,295 | Droste, Ronald L.  | 2,138,091 | FUJIWARA, Kunihiko   | 2,201,364 |
| Cohen, Ronald  | 2,149,793 | Drown, David C.  | 2,164,121 | Fukuchi, Tadakazu  | 2,023,593 |
| Coin Controls Limited  | 2,117,056 | Dubs, Paul   | 2,044,327 | Fuller, John P.  | 2,189,273 |
| Collings, John Kempthorne II   | 2,192,759 | DUCHARME, Robert   | 2,190,024 | FUSHIMI, Tetsuya   | 2,235,933 |
| COM DEV Limited  | 2,157,209 | Duffield, David Jay  | 2,191,553 | Galley, Edward   | 2,073,768 |
| Comer, Ross W.   | 2,130,033 | DUNLOP-ENERKA B.V  | 2,175,189 | GAMERA BIOSCIENCE<br>CORPORATION   | 2,164,706 |
| Cominco Ltd.   | 2,160,321 | Dwyer, John J., Jr.  | 2,183,136 | Gano, John C.  | 2,156,984 |
| COMMANDER ELECTRICAL<br>MATERIALS INC.                                   | 2,097,544 | E.I. DU PONT DE NEMOURS<br>AND COMPANY   | 2,020,598 | Garcia, Ben  | 2,069,620 |
| COMPAGNIE GÉNÉRALE DES<br>ÉTABLISSEMENTS<br>MICHELIN - MICHELIN &<br>CIE | 2,061,752 | Easley, Jeffrey L.   | 2,114,969 | GARDNER, David P.  | 2,222,967 |
| Concertainer Ltd.  | 2,018,953 | East Carolina University   | 2,117,532 | Gardner, Sandra J.   | 2,147,784 |
| Cook, Paul J.  | 2,187,963 | Ebert, Charles D.  | 2,135,925 | GARLAND, Stuart Mandel   | 2,217,422 |
| Cooper Cameron Corporation   | 2,180,306 | ECRM Incorporated  | 2,104,294 | GA-TEK INC.  | 2,204,858 |
| Coöperatieve Verkoop-en<br>Productievereniging Van<br>Aardappelmeel en   | 2,061,443 | EDMONSON, Peter  | 2,265,948 | GENERAL ELECTRIC<br>COMPANY  | 1,341,213 |
| Copeland, Gregory C.   | 2,195,942 | EDWARDS, Nathen P.   | 2,243,599 | Genetics Institute, Inc.   | 1,341,212 |
| COR THERAPEUTICS, INC.   | 2,140,543 | Effing, Michael Joseph   | 2,098,614 | Genevois, Christophe   | 2,064,204 |
| COSLOVI, ILARIO A.   | 2,202,835 | EFKA-Chemicals B.V.  | 2,032,992 | Geoffroy, Marc   | 2,064,204 |
| Coumans, Peter   | 2,015,912 | Ehrich, Horst  | 2,099,132 | GEORGE KOCH SONS, INC.   | 2,167,887 |
| Cox, Daniel L.   | 2,196,237 | ELCOR CORPORATION  | 2,269,462 | Gerbasi, Dennis G.   | 2,192,129 |
| Crow, Robert   | 2,185,416 | ELF ATOCHEM, S.A.  | 2,136,710 | Gerson, Brian Donald   | 2,191,634 |
| CRYOVAC, INC.  | 2,042,700 | Emitec Gesellschaft für<br>Emissionstechnologie mbH                              | 2,213,748 | Gesley, Mark   | 2,069,767 |
| CUELLAR, Kyle T.   | 2,269,462 | Engle, Thomas H.   | 2,187,001 | Gibson, Garth A.   | 2,136,141 |
| Curie, Napoleon  | 2,068,212 | Essex Specialty Products, Inc.   | 2,034,166 | Giles, Don G.  | 2,189,273 |
| CYTEC TECHNOLOGY CORP.   | 2,098,614 | ETEC SYSTEMS, INC.   | 2,069,767 | Gilmore, Daniel R., III  | 2,177,518 |
| Dailey, Patrick E.   | 2,107,576 | EUROPLEX RESEARCH<br>LIMITED   | 2,192,759 | Giuffrida, Thomas S.   | 2,161,473 |
| Daimon, Katsumi  | 2,147,784 | EXXON CHEMICAL PATENTS<br>INC.   | 2,135,610 | Godfrey, Dene Clifford   | 2,073,768 |
| Dalie, Barbara   | 2,130,436 | Fabian, Mark Edward  | 2,097,544 | Goldrath, Milton H.  | 2,186,478 |
| Dankwort, Rudolf C.  | 2,157,679 | Facci, John S.   | 2,144,258 | GOLDSTEIN, Alan Scott  | 2,206,992 |
| DAVIS, John Michael  | 2,207,867 | Fahmi, Maher Nihad   | 2,164,546 | Golub, Dan   | 2,124,295 |
| DAVLIN, ANTHONY ORKIN  | 2,286,222 | Farber, N.   | 2,161,473 | Gordon, Alastair T.  | 2,008,573 |
| de Acosta de Rio, Cristina Mateo   | 2,163,151 | Farmer, James O.   | 2,071,500 | GORT, Wendy M.   | 2,204,858 |
| de Angelis, Claudio  | 2,142,072 | Farrell, Peter Jeffrey   | 2,018,953 | Gould, W. Douglas  | 2,183,390 |
| DEERE & COMPANY  | 2,224,841 | Feenstra, Willem J.  | 2,061,443 | Goulds Pumps, Incorporated   | 2,158,522 |
| DEFLANDRE, Yves  | 2,225,108 | FEININGER, WILLIAM A.  | 2,289,519 | Govindan, Seregulam V.   | 2,191,858 |
| Delli-Gatti, Frank A., Jr.   | 2,010,545 | Felber, Richard A.   | 2,181,614 | Graab, Gerhard   | 2,143,469 |
|  |           | Feret, Ronald M.   | 2,178,922 | Graham, Neil B.  | 2,064,889 |
|  |           |  |           | Grahn, Eva Elisabeth   | 2,070,687 |

**Index des brevets canadiens délivrés  
10 avril 2001**

|   |           |                                       |           |  |           |
|---|-----------|---------------------------------------|-----------|--|-----------|
| GRASEBY DYNAMICS LIMITED  | 2,124,344 | HOECHST AKTIENGESELLSCHAFT            | 2,008,328 | Johnson, Timothy G.                                | 2,164,121 |
| Gravier, Robert A.  | 2,182,321 | Hoeoek, Magnus                        | 2,067,233 | Jones, Michael B.                                  | 2,136,141 |
| GRAY, Ralph C.  | 2,245,556 | Hoffman, Dwight S.                    | 2,164,121 | Jordan, Frank                                      | 2,015,769 |
| Grebena, Ruth   | 2,191,858 | Hofmann, Hartmut                      | 2,161,245 | JOUBERT, Michel                                    | 2,268,893 |
| Griffiths, Gary L.  | 2,191,858 | HOGBERG, Jan-Ake                      | 2,251,636 | Jurevskies, Harold K.                              | 2,073,291 |
| GRIFFITHS, Gary L.  | 2,200,855 | Holm, Stig Edvin Folke                | 2,070,687 | Justice, James C.                                  | 2,010,545 |
| Groebly, Walter   | 2,124,279 | Honbo, Toshiyasu                      | 2,027,608 | KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) | 2,103,111 |
| Gruenhag, Helmut  | 2,143,469 | HONDA GIKEN KOGYO KABUSHIKI KAISHA    | 2,246,076 | KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO      | 2,174,403 |
| Guaciaro, Michael Anthony   | 2,032,593 | HONEYWELL INC.                        | 2,011,431 | Kahn, Arthur H.                                    | 2,149,738 |
| Guardiola, Béatrice   | 2,162,106 | HONEYWELL INC.                        | 2,011,825 | Kaimai, Takashi                                    | 2,111,196 |
| Guardiola-Lemaitre, Béatrice  | 2,165,618 | HONEYWELL INC.                        | 2,157,679 | KAJITANI, Makoto                                   | 2,200,604 |
| GUAY, Danielle  | 2,209,106 | Hopkins, James L.                     | 2,186,649 | Kajitani, Shigeo                                   | 2,014,695 |
| Gunasekera, Malika  | 2,056,412 | HORIE, Katsuo                         | 2,198,074 | Kakuta, Yoshiyuki                                  | 2,046,339 |
| Gunasekera, Sarath P.   | 2,056,412 | HORINAKA, Hajime                      | 2,243,773 | Kamboj, Rajender                                   | 2,076,901 |
| Guthrie, Walter Graham  | 2,073,768 | Horn, Ute                             | 2,057,110 | Kamo, Jun  | 2,066,119 |
| Haerberle, Friedrich  | 2,142,148 | Horn, Bruce W.                        | 2,086,974 | Kanai, Masao                                       | 2,155,701 |
| HAINES, Ronald K.   | 2,204,858 | HOSHINO, Yukio                        | 2,230,626 | Kanda, Masahiro                                    | 2,056,631 |
| HALABIYA, Sabah   | 2,224,841 | Hosoe, Hisashi                        | 2,051,310 | KANEKO, Masakatsu                                  | 2,246,076 |
| Hall, Darren  | 2,077,252 | Houlihan, Francis Michael             | 2,126,015 | Kaneko, Takashi                                    | 2,182,533 |
| HALLIBURTON COMPANY   | 2,107,576 | Hsiao, Cheng-Kuo                      | 2,147,784 | Kaneko, Toshio                                     | 2,023,593 |
| HALLIBURTON COMPANY   | 2,156,984 | Huang, Roger J.-C.                    | 2,111,891 | KANNANKERIL, CHARLES P.                            | 2,286,222 |
| HAN, Tack-Don   | 2,225,771 | Hudson Respiratory Care Inc.          | 2,028,890 | Kapoor, Rajiv                                      | 2,161,473 |
| Hanlon, Daniel  | 2,186,649 | HUDSON, Hank M.                       | 2,269,462 | KARACAY, Habibe                                    | 2,200,855 |
| Hansen, Hans J.   | 2,191,858 | Hulinsky, Raymond                     | 2,035,091 | KARIMIAN, KHASHAYAR                                | 2,077,252 |
| HANSEN, Hans J.   | 2,200,855 | Hung, Ju-Ming                         | 2,034,166 | Kasahara, Keisuke                                  | 2,111,196 |
| Hara, Takahisa  | 2,020,117 | Hurner, Erwin E.                      | 2,166,912 | KASHIO, Hidetora                                   | 2,198,074 |
| Harbor Branch Oceanographic Institution, Inc.                           | 2,056,412 | Hutton, Lesley                        | 2,117,056 | Kashper, Arik                                      | 2,161,473 |
| Harms, Gerd   | 2,161,245 | Hyde, Gilbert Frederick               | 2,035,985 | Kataoka, Kenji                                     | 2,180,914 |
| Harshvardhana, P.   | 2,161,473 | Ibaraki, Nobuhiko                     | 2,103,111 | Kato, Tetsuo                                       | 2,056,631 |
| Hartman, Matthew A.   | 2,189,249 | IDAHO RESEARCH FOUNDATION, INC.       | 2,164,121 | Katsube, Kozo                                      | 2,103,111 |
| Hasse, Brunhilde  | 2,099,132 | Igarashi, Ryosaku                     | 2,147,784 | KATSUNUMA, Nobuhiko                                | 2,217,729 |
| Hata, Takehisa  | 2,027,608 | Ikejiri, Fumitoshi                    | 2,056,631 | Katz, Steven S.                                    | 2,161,473 |
| Hataoka, Seiichi  | 2,060,550 | ILLINOIS TOOL WORKS INC.              | 2,242,423 | Kawaguchi, Masahiro                                | 2,174,403 |
| Haubs, Michael  | 2,008,328 | Immtech International Incorporated    | 2,123,787 | Kawahara, Toshiro                                  | 2,162,570 |
| Hautala, Jouko  | 2,004,782 | IMMUNOMEDICS, INC.                    | 2,191,858 | Kawamura, Koji                                     | 2,174,403 |
| HAWORTH BUROEINRICHTUNGEN GMBH  | 2,017,148 | IMMUNOMEDICS, INC.                    | 2,200,855 | Kawamura, Kuniaki                                  | 2,111,196 |
| Hayashida, Kazuaki  | 2,066,119 | IMPERIAL CHEMICAL INDUSTRIES PLC      | 2,045,753 | Kawamura, Masanori                                 | 2,015,690 |
| Head, Larry J.  | 2,167,887 | Inco Alloys International, Inc.       | 2,032,351 | KAWASAKI STEEL CORPORATION                         | 2,120,177 |
| HEARING INNOVATIONS INCORPORATED  | 2,193,478 | INCO LIMITED                          | 2,094,369 | KAWASAKI STEEL CORPORATION                         | 2,180,914 |
| Heat and Control, Inc.  | 2,073,291 | Inouye, Masayori                      | 2,015,769 | KEIL, Kurt A.                                      | 2,244,786 |
| Heck, Karl Andrew   | 2,032,351 | Instance, David John                  | 2,090,755 | Kelley, Robert G.                                  | 2,189,273 |
| Heckel, Klaus   | 2,143,469 | INTERNATIONAL TITANIUM POWDER, L.L.C. | 2,196,534 | KEM, William R.                                    | 2,200,604 |
| Hecktor, Ulrike   | 2,161,245 | INVENTIO AG                           | 2,142,072 | KEMPTER, PAUL C.                                   | 2,289,519 |
| Heese, Gerhard  | 2,024,917 | IOANNIDIS, Panagiotis                 | 2,251,636 | Kendall, Robert F.                                 | 2,189,273 |
| Heiber, Werner E.   | 2,135,925 | Iscar Ltd.                            | 2,105,432 | Kenley, Rodney                                     | 2,069,620 |
| HEISE, Michael L.   | 2,187,963 | Iscar Ltd.                            | 2,105,520 | Keoshkerian, Barkev                                | 2,147,784 |
| Hellström, Mikael   | 2,053,265 | Iscro, Inc.                           | 2,035,091 | Keritsis, Gus D.                                   | 2,031,727 |
| Hendel, Ariel   | 2,105,866 | Ishino, Akihiro                       | 2,027,608 | Kershaw, John                                      | 2,117,056 |
| Hendricson, Kaj   | 2,150,385 | ISHIZAKA, Masashige                   | 2,215,811 | Keswani, Santosh Tirthdas                          | 2,066,520 |
| HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER | 2,138,091 | Jachmann, Emil F.                     | 2,004,855 | Kikuchi, Toshihiro                                 | 2,120,177 |
| Herrlich, Peter   | 2,081,150 | Jackson, Wayne Kevin                  | 2,164,629 | Killick, Robert William                            | 2,167,294 |
| Hert, Marius  | 2,136,710 | Jacobsen, Evert                       | 2,061,443 | KIM, Shin-Dug                                      | 2,225,771 |
| HETZEL & CO. ELEKTRONIK-RECYCLING GmbH                                  | 2,104,934 | Japan Energy Corporation              | 2,111,196 | KIMBERLY-CLARK GmbH                                | 2,024,275 |
| Hinz, Hans-Peter  | 2,099,132 | JARMUSZEWSKI, Perry                   | 2,265,948 | Kinnunen, Jorma                                    | 2,169,763 |
| HIRATSUKA, Seiichi  | 2,230,626 | Jarry, Christian                      | 2,162,106 | Kishi, Takao                                       | 2,046,339 |
| HITACHI, LTD.   | 2,235,933 | JENKINS, Jackson G.                   | 2,204,858 | KITAGOH, Hiroshi                                   | 2,198,074 |
| Hodgkinson, Darren Michael  | 2,073,768 | Johansson, Bror Thomas                | 2,176,291 | KITAMURA, Shinya                                   | 2,201,364 |
|   |           | John Brown Inc.                       | 2,047,212 | KITANO, Shizuo                                     | 2,217,729 |
|   |           | JOHNSON & JOHNSON MEDICAL INC.        | 2,095,077 | Kitzinger, Gert                                    | 2,101,486 |
|   |           |                                       |           | Knox, Rhona Alexandra                              | 2,146,051 |

## Index of Canadian Patents Issued April 10, 2001

|                               |           |                               |           |                             |           |
|-------------------------------|-----------|-------------------------------|-----------|-----------------------------|-----------|
| Knudsen, Ronald D.            | 2,134,503 | LUCENT TECHNOLOGIES           |           | Mitsubishi Rayon Co., Ltd.  | 2,066,119 |
| Köbele, Klaus                 | 2,161,245 | INC.                          | 2,217,422 | MITSUI CHEMICALS INC.       | 2,056,631 |
| Kohnert, Ulrich               | 2,046,861 | MacBeath, Fiona Susan         | 2,146,051 | MITSUI CHEMICALS INC.       | 2,074,805 |
| KOHUT, Stephen J.             | 2,204,858 | Macor, John Eugene            | 2,133,413 | Miyamori, Takao             | 2,066,119 |
| Kolada, Paul P.               | 2,062,045 | MACROVISION                   |           | MIYAMOTO, Harukazu          | 2,235,933 |
| Kolste, Steven John           | 2,066,520 | CORPORATION                   | 2,195,942 | MIYAMOTO, Kenichiro         | 2,201,364 |
| Kopytko, Walter               | 2,098,385 | MAEDA, Makoto                 | 2,210,749 | Mizutani, Katsuji           | 2,103,111 |
| Korn, Heinrich                | 2,017,148 | Maeda, Yoshihiko              | 2,189,203 | Mochizuki, Kazuo            | 2,120,177 |
| Korus, Roger                  | 2,164,121 | Mammino, Joseph               | 2,144,258 | Mohundro, Edgar L.          | 2,135,610 |
| KOWAL, James Allen            | 2,217,422 | Man, Yiri                     | 2,105,520 | MOJARRADI, Mohammad M.      | 2,217,595 |
| Kress, Dieter                 | 2,142,148 | MAPAL Fabrik für              |           | Moran, Christopher R.       | 2,064,889 |
| Kreuder, Willi                | 2,008,328 | Präzisionswerkzeuge Dr.       |           | Morgan, Michael E.          | 2,023,058 |
| Krieg, Claus-Peter            | 2,008,328 | Kress KG                      | 2,142,148 | Morisawa, Shinkatsu         | 2,180,487 |
| Kubicki, Jorn                 | 2,024,275 | MARUHASHI, Kazuo              | 2,200,604 | Mosser, Vincent             | 2,067,180 |
| Kubo, Kazuhiro                | 2,051,310 | Marusawa, Miyuki              | 2,046,968 | MOTOROLA, INC.              | 2,189,249 |
| KUNIKATA, Junichi             | 2,230,626 | Maruta, Seiki                 | 2,182,338 | MOTOROLA, INC.              | 2,213,699 |
| Kureha Kagaku Kogyo Kabushiki |           | MARUYAMA, Hiroki              | 2,210,749 | Motteram, Geoffrey Mayfield | 2,070,200 |
| Kaisha                        | 2,198,074 | Mason, David Neven            | 2,068,212 | MOUSTAKAS, Theodore D.      | 2,226,439 |
| Kusano, Hiroko                | 2,046,968 | Massé, Daniel I.              | 2,138,091 | Moy, Francis H.             | 2,189,711 |
| Kushner, William M.           | 2,189,249 | Mathias, Milton W.            | 2,011,431 | Mukai, Uchu                 | 2,015,690 |
| KUZNICKI, William Joseph      | 2,213,699 | Matsumoto, Masahito           | 2,020,117 | Murahashi, Mamoru           | 2,103,111 |
| KWICK CLEAN AND GREEN         |           | Matsumoto, Toshihiro          | 2,189,203 | Murgolo, Nicholas J.        | 2,130,436 |
| LTD.                          | 2,179,516 | MATTSON, Anders               | 2,251,636 | Murray, Thomas              | 2,192,759 |
| Kwon, Young Sun               | 2,190,344 | Mausbach, Michael             | 2,099,132 | Murthy, Keshava             | 2,077,252 |
| Kyncl, John J.                | 2,086,974 | May, Joseph N.                | 2,149,738 | Murti, Dasarao K.           | 2,147,784 |
| KYOWA HAKKO KOGYO CO.,        |           | Mayekawa Mfg. Co., Ltd.       | 2,111,196 | Musil, Edward C.            | 2,030,203 |
| LTD.                          | 2,051,310 | Mayo, Stephen M.              | 2,135,610 | Mutton, Ian M.              | 2,059,263 |
| Lam, Man Kit                  | 2,011,431 | MAYTAG CORPORATION            | 2,238,459 | MYCOGEN CORPORATION         | 2,004,378 |
| Lam, Simon                    | 2,157,209 | McDowell, Keith               | 2,185,416 | Myers, Thomas L.            | 2,189,273 |
| LAMB, Estol C.                | 2,243,599 | McFARLAND, James Robert       | 2,212,144 | Myhrvold, Nathan P.         | 2,136,141 |
| Lancelot, Jean-Charles        | 2,165,618 | McGavin, Martin               | 2,067,233 | NABCO LTD.                  | 2,182,338 |
| LAND AND SKY, INC.            | 2,142,502 | McInnes, Ross Gordon          | 2,140,750 | Nabity, Frederick Alan      | 2,035,091 |
| Lashier, Mark E.              | 2,134,503 | McNichols, Larry A.           | 2,069,750 | NADJI, Behzad               | 2,207,867 |
| Latour Norman E.              | 2,192,129 | McNorgan, Rick                | 2,015,912 | Nag, Bishwajit              | 2,152,075 |
| Lattin, Gary A.               | 2,069,750 | MEEK, QUENTIN JAMES           | 2,205,926 | NAGAI, Aisaku               | 2,198,074 |
| Laver, Hugh S.                | 2,023,918 | Meier-Hellstern, Kathleen S.  | 2,161,473 | Nagarajan, Vasantha         | 2,020,598 |
| Lazaris-Brunner, Ken          | 2,157,209 | Metallgesellschaft            |           | Nahe, Thorsten              | 2,143,469 |
| Le, Hung V.                   | 2,130,436 | Aktiengesellschaft            | 2,161,245 | Nakasato, Yoshisuke         | 2,051,310 |
| Leary, Steven George          | 2,073,291 | Meyers, Michael Neal          | 2,195,495 | Nalamasu, Omkaram           | 2,126,015 |
| Leavitt, Stanley L.           | 2,149,793 | Mian, Alec                    | 2,164,706 | NATIONAL STEEL CAR          |           |
| Ledingham, Blake A.           | 2,179,516 | Michaud, Serge                | 2,097,544 | LIMITED                     | 2,202,835 |
| LEE, Hun Ju                   | 2,200,604 | Michiyuki, Takashi            | 2,174,403 | Nayar, Harbhajan S.         | 2,183,136 |
| LEE, Kyoung-Woo               | 2,225,771 | MICROSOFT CORPORATION         | 2,130,033 | NEASE, Michael Gary         | 2,204,895 |
| LEE, Shui Yee                 | 2,207,867 | MICROSOFT CORPORATION         | 2,136,141 | NEC CORPORATION             | 2,196,947 |
| LEITCH, Clifford Dana         | 2,213,699 | Mielcarek, Kenneth S.         | 2,047,212 | NEC CORPORATION             | 2,215,811 |
| Lepagnol, Jean                | 2,119,661 | Mieloszynski, Jean-Luc        | 2,045,736 | NEC CORPORATION             | 2,220,584 |
| LERMA, Jaime                  | 2,217,595 | Miki, Toshio                  | 2,162,570 | NEC CORPORATION             | 2,230,626 |
| LEVEEN, Eric G.               | 2,212,671 | Mikkonen, Silvo               | 2,169,763 | NESTLE, S.A.                | 2,145,990 |
| LEVEEN, Harry H. (deceased)   | 2,212,671 | MILETTE, LUC                  | 2,225,108 | Nguyen, Hanh                | 2,130,436 |
| Levi, Steven P.               | 2,136,141 | Miller, Christopher B.        | 2,192,129 | NICHOLSON, Hilton Manuel    | 2,217,422 |
| Levy, Michael J.              | 2,144,258 | MILLER, James Daniel II       | 2,212,144 | NIELSEN MEDIA RESEARCH,     |           |
| Lewis, Richard B.             | 2,144,258 | MILLER, James Daniel II       | 2,212,175 | INC.                        | 2,289,519 |
| LG CHEMICAL LTD.              | 2,190,344 | Miller, Kenneth               | 2,130,436 | NIHON TRIM CO., LTD.        | 2,180,487 |
| Liebermann, George            | 2,147,784 | Miller, Nigel                 | 2,157,209 | NIPPON PAPER INDUSTRIES     |           |
| LINDSKOG, Sven                | 2,200,738 | Millipore Corporation         | 2,069,620 | CO., LTD.                   | 2,023,593 |
| Linnington, Helen Louise      | 2,073,768 | MILLIPORE CORPORATION         | 2,187,963 | NIPPON STEEL                |           |
| Lippa, Arnold S.              | 2,193,478 | Minami, Toshiaki              | 2,023,593 | CORPORATION                 | 2,201,364 |
| Lodberg, Allan                | 2,015,912 | Minamida, Takaaki             | 2,103,111 | Nishikawa, Hidetoshi        | 2,168,145 |
| Loescher, Thomas C.           | 2,028,890 | MINEMURA, Hiroyuki            | 2,235,933 | Nishimura, Katunari         | 2,056,631 |
| Longley, Ross E.              | 2,056,412 | Minister of Natural Resources |           | Nofre, Claude               | 2,070,421 |
| LORD, Brenda                  | 2,225,108 | Canada                        | 2,183,390 | Nollen, Dennis Arthur       | 2,098,614 |
| Lortie, Lyne                  | 2,183,390 | MINNESOTA MINING AND          |           | Nomura, Nobuaki             | 2,180,914 |
| LU, DAOZHENG                  | 2,289,519 | MANUFACTURING                 |           | NORDX/CDT, INC.             | 2,225,108 |
| LUCENT TECHNOLOGIES           |           | COMPANY                       | 2,007,165 | Noritsu Koki Co., Ltd.      | 2,168,145 |
| INC.                          | 2,195,495 | MISRA, Mira                   | 2,226,439 | NORTEL NETWORKS             |           |
|                               |           | Mitani, Yoshihiro             | 2,103,111 | LIMITED                     | 2,082,431 |

**Index des brevets canadiens délivrés  
10 avril 2001**

|  |           |                                       |           |   |           |
|--|-----------|---------------------------------------|-----------|---|-----------|
| NORTEL NETWORKS LIMITED                | 2,205,926 | Plasco Dr. Ehrich Plasma-Coating GmbH | 2,099,132 | Sakagushi, Yasuo  | 2,147,784 |
| NORTH AMERICAN FILTER CORPORATION      | 2,181,614 | PMC-Sierra Ltd.                       | 2,164,546 | SAMSUNG ELECTRONICS CO., LTD.                                     | 2,225,771 |
| NPS ALLELIX CORP.                      | 2,076,901 | PMC-SIERRA LTD.                       | 2,191,634 | San-A Pharmaceutical Co., Ltd.                                    | 2,014,695 |
| NTT MOBILE COMMUNICATIONS NETWORK INC. | 2,162,570 | Pocock, Terrence H.                   | 2,015,912 | Sanada, Michitaka   | 2,182,533 |
| Nunley, James A.                       | 2,193,478 | POM, Inc.                             | 2,218,910 | Sanborn, Walter J.  | 2,061,079 |
| Nutt, Stephen L.                       | 2,076,901 | Ponta, Helmut                         | 2,081,150 | Sandhaus, Stuart J.   | 2,186,649 |
| Nyce, Jonathan W.                      | 2,117,532 | Potempa, Lawrence A.                  | 2,123,787 | Sanyo Electric Co., Ltd.  | 2,189,203 |
| O'BOYLE, Kevin James                   | 2,219,923 | POWERS, John Robert                   | 2,212,144 | SASAKAWA, Shinji  | 2,201,364 |
| OCHI, Norihiro                         | 2,243,773 | POWERS, John Robert                   | 2,212,175 | SASAKI, Toru  | 2,217,729 |
| Ochiai, Kenji                          | 2,103,111 | PPG INDUSTRIES OHIO, INC.             | 2,245,556 | Sato, Kazuhide  | 2,015,690 |
| Ogata, Hajime                          | 2,120,177 | Prinz, Horst                          | 2,161,245 | Satran, Amir  | 2,105,432 |
| OGUMA, Touru                           | 2,210,749 | Proulx, Stephen                       | 2,187,963 | Satran, Amir  | 2,105,520 |
| Ogura, Shinichi                        | 2,174,403 | Prunier, Hervé                        | 2,165,618 | SATYAMURTI, Sunil   | 2,213,699 |
| Ohashi, Reiji                          | 2,023,593 | QI, YIHONG                            | 2,265,948 | Saxena, Neeraj  | 2,183,136 |
| Ohmori, Kenji                          | 2,051,310 | Quednau, Peter H.                     | 2,032,992 | Scalbert, Elizabeth   | 2,162,106 |
| Ohta, Yoshiji                          | 2,015,769 | RADIANT PLATE DRYING SYSTEMS INC.     | 2,082,311 | Scarborough, Robert M.  | 2,140,543 |
| Ohya, Tomoyuki                         | 2,162,570 | Raimbault, Pierre                     | 2,058,947 | Scherer, Richard J.   | 2,007,165 |
| Okada, Masahiko                        | 2,174,403 | Rashid, Richard F.                    | 2,136,141 | SCHERING CORPORATION  | 2,130,436 |
| Okada, Tsunekazu                       | 2,060,550 | Raucci, Guiseppe                      | 2,067,233 | SCHERING-PLOUGH HEALTHCARE PRODUCTS, INC.                         | 2,178,922 |
| Oki, Yasuhiro                          | 2,103,111 | Rauline, Roland                       | 2,061,752 | Schiedt, Alexander  | 2,161,245 |
| Okine, Richard Kafue                   | 2,098,614 | Rault, Sylvain                        | 2,165,618 | SCHLUMBERGER INDUSTRIES   | 2,067,180 |
| Okpanyi, Samuel N.                     | 2,035,443 | RAYTHEON COMPANY                      | 2,218,671 | SCHLUMBERGER RESOURCE MANAGEMENT SERVICES, INC.                   | 2,075,467 |
| Okuno, Takuya                          | 2,174,403 | Razzell, Jim                          | 2,082,311 | SCHLUMBERGER RESOURCE MANAGEMENT SERVICES, INC.                   | 2,101,115 |
| One Inc.                               | 2,162,567 | Reesing, David Lynn                   | 2,156,984 | Schmid, Michael   | 2,135,225 |
| O'Neil, Robert Montgomery              | 2,044,327 | Reichmann, Michael H.                 | 2,008,573 | SCHNEIDER (USA) INC.  | 2,194,734 |
| Ono, Koichi                            | 2,060,550 | Renard, Pierre                        | 2,162,106 | SCHWENDEMAN, Robert John  | 2,213,699 |
| OTANI, Toshio                          | 2,217,729 | Renard, Pierre                        | 2,165,618 | SEALED AIR CORPORATION  | 2,286,222 |
| OUTOKUMPU COPPER PRODUCTS OY           | 2,176,291 | RESEARCH IN MOTION LIMITED            | 2,265,948 | SECURENCY PTY LTD   | 2,164,629 |
| Packaging Electronics & Devices Corp.  | 2,031,754 | Rettori, Marie-Claire                 | 2,165,618 | SELIGSON, Allen   | 2,222,299 |
| Page, Michel                           | 2,021,942 | Reutlingsperger, Christiaan           | 2,070,647 | Senninger, Mark   | 2,069,620 |
| PAINTER, Jeffrey Donald                | 2,206,992 | RHODIA INC.                           | 2,023,058 | Shahin, Michael M.  | 2,144,258 |
| Palackal, Syriac J.                    | 2,135,225 | Richardson, Larry E.                  | 2,045,700 | Sharma, Somesh D.   | 2,152,075 |
| Paquer, Daniel                         | 2,045,736 | RIGO, Alex Z.                         | 2,203,724 | SHARP KABUSHIKI KAISHA  | 2,243,773 |
| Parnaby, Lawrence Harold               | 2,167,294 | Rink, Manfred                         | 2,024,917 | Shekter, Lee  | 2,076,901 |
| Patel, Anilbhai S.                     | 2,145,990 | Rink, Norbert                         | 2,024,275 | SHIMADA, Koichi   | 2,211,986 |
| Patel, Dinesh C.                       | 2,135,925 | Rischer, Dieter                       | 2,143,469 | Shishido, Hiroshi   | 2,180,914 |
| PATEL, Rashesh Naresh                  | 2,206,992 | Ritt, Peter Michael                   | 2,016,460 | Shohzaki, Tamotsu   | 2,103,111 |
| Peach, Robert                          | 2,157,209 | Robba, Max                            | 2,165,618 | Siann, Jonathan I.  | 2,114,969 |
| Pearce, Michael                        | 2,130,436 | ROCHE DIAGNOSTICS GMBH                | 2,046,861 | SIEMENS AKTIENGESELLSCHAFT  | 2,212,517 |
| PECKHAM, Peter                         | 2,204,858 | Rodriguez, Rolando Pérez              | 2,163,151 | Siemens, David C.   | 2,167,887 |
| Pedarre, Pierre                        | 2,150,445 | Rohatgi, Pradeep Kumar                | 2,094,369 | SIMARD, Marcel  | 2,130,071 |
| Penn, Charles R.                       | 2,059,263 | Roll, Daniel R.                       | 2,126,043 | Sintov, Amnon   | 2,019,410 |
| Penn, Steven M.                        | 2,060,230 | Roll, Daniel R.                       | 2,158,522 | SIWIAK, Kazimierz   | 2,213,699 |
| Peoples, Richard Claude                | 2,180,306 | Rolland, Yves                         | 2,119,661 | Slim, David R.  | 2,135,610 |
| Perio Products Ltd.                    | 2,019,410 | Romick, Jerome M.                     | 2,062,045 | Smilovici, Carol  | 2,105,432 |
| Perrin, Henri                          | 2,058,947 | Rorden, Louis H.                      | 2,107,576 | Smith, Charles E.   | 2,149,738 |
| Pescitelli, Stephen M.                 | 2,004,378 | Rosen, Vicki A.                       | 1,341,212 | Smith, Darrell Franklin Jr.                                       | 2,032,351 |
| Petolino, Joseph F.                    | 2,004,378 | ROSENGARD, Jordan L.                  | 2,218,671 | SMITH, David B.   | 2,217,422 |
| Pfeiffer, Bruno                        | 2,165,618 | Rotem Industries Ltd.                 | 2,124,295 | Smith, John Scott   | 2,032,351 |
| PFIZER INC.                            | 2,133,413 | Rowland, Robert O.                    | 2,028,890 | Smith, Richard E.   | 2,149,738 |
| Philip Morris Products Inc.            | 2,031,727 | ROY, Patrice                          | 2,268,893 | Snyder, Daniel B.   | 2,178,922 |
| Phillipp, Bernd                        | 2,161,245 | ROYAL MAT INTERNATIONAL INC.          | 2,190,024 | So, Hong Seob   | 2,190,344 |
| PHILLIPS PETROLEUM COMPANY             | 2,134,503 | Rudolph, Rainer                       | 2,046,861 | Société Canadienne de Métaux Reynolds, Limitée                    | 2,027,912 |
| PHILLIPS PETROLEUM COMPANY             | 2,135,225 | Ruefli, Alfred                        | 2,082,311 | Société de Développement de l'Industrie Agro-alimentaire et de la | 2,048,438 |
| Phillips, Michael                      | 2,185,416 | Ryan, Michael William                 | 2,070,200 |   |           |
| Pineau, Joseph E. M.                   | 2,162,567 | Ryham, Rolf                           | 2,196,503 |   |           |
| Pisio, Steve                           | 2,082,311 | S & C Electric Company                | 2,078,452 |   |           |
| PITNEY BOWES INC.                      | 2,222,967 | S.A.R.G. Research Associates, Ltd.    | 2,186,649 |   |           |
|  |           | Sagara, Hiroaki                       | 2,189,203 |   |           |
|  |           | Saguee, Shlomo                        | 2,124,295 |   |           |
|  |           | Saito, Hitoshi                        | 2,074,805 |   |           |



## Index of Canadian Patents Issued April 10, 2001

|                                       |           |   |           |  |           |
|---------------------------------------|-----------|---|-----------|--|-----------|
| SOCIETE DES PRODUITS<br>NESTLE S.A.   | 2,046,510 | Taylor, Andrew M.   | 2,045,753 | University of Medicine and<br>Dentistry of New Jersey                  | 2,015,769 |
| Soffer, Abraham                       | 2,124,295 | Taylor, Marc D.   | 2,062,045 | Usui, Nobuhiro   | 2,020,117 |
| Solomon, Cynthia Ann                  | 2,130,033 | Taylor, Stephen John  | 2,124,344 | VALMET CORPORATION   | 2,004,782 |
| SONY CORPORATION                      | 2,035,370 | Tenuta, David   | 2,142,502 | VALMET CORPORATION   | 2,169,763 |
| SONY CORPORATION                      | 2,046,968 | Terado, Ikuro   | 2,035,370 | Van Blaricom, Richard  | 2,160,321 |
| SONY CORPORATION                      | 2,060,550 | Terrien, Pascal   | 2,150,445 | VANCE PRODUCTS<br>INCORPORATED doing<br>business as COOK<br>UROLOGICAL | 2,033,563 |
| SOVAK, Milos                          | 2,222,299 | Testa, Bernard  | 2,119,661 | Vanderpool, Daniel P.  | 2,051,883 |
| Sowig, Helmut                         | 2,086,731 | Teufel, Rainer B.   | 2,062,045 | VanPutte, Andrew   | 2,042,700 |
| Spalding, Michael H.                  | 2,047,212 | TEXAS INSTRUMENTS<br>INCORPORATED                                       | 2,060,230 | Venkateshwaran, Srinivasan   | 2,135,925 |
| SPEAS, Gary W.                        | 2,218,910 | Thayer, Bruce E.  | 2,177,518 | Victorian Chemical International<br>Pty. Ltd.                          | 2,167,294 |
| Spence, Stuart T.                     | 1,341,214 | Thayer, Bruce E.  | 2,192,129 | VIEWICS CORPORATION  | 2,284,032 |
| SPERRY, LAURENCE BURST                | 2,286,222 | THE BOC GROUP, INC.   | 2,183,136 | Villeneuve, Maurice  | 2,027,912 |
| Spies, Klaus                          | 2,170,524 | THE PROCTER & GAMBLE<br>COMPANY   | 2,146,051 | Visser, Richard G. F.  | 2,061,443 |
| SQUARE D COMPANY                      | 2,007,426 | THE PROCTER & GAMBLE<br>COMPANY   | 2,198,860 | VOEST-ALPINE<br>INDUSTRIENLAGENBA<br>U GMBH                            | 2,101,486 |
| Srenger, Edward                       | 2,189,249 | THE PROCTER & GAMBLE<br>COMPANY   | 2,203,647 | VONK, Donald R.  | 2,245,556 |
| Sriram, Subramaniam                   | 2,152,075 | THE PROCTER & GAMBLE<br>COMPANY   | 2,204,895 | Wadium, Christopher S.   | 2,189,273 |
| STANDARD MICROSYSTEMS<br>CORPORATION  | 2,105,866 | THE PROCTER & GAMBLE<br>COMPANY   | 2,205,028 | Wagner, Darrell O.   | 2,190,681 |
| STEFFANO, MICHAEL D.                  | 2,284,032 | THE PROCTER & GAMBLE<br>COMPANY   | 2,206,992 | WAKAMOTO<br>PHARMACEUTICAL CO.,<br>LTD.                                | 2,210,749 |
| Steigerwald Arzneimittelwerk<br>GmbH  | 2,035,443 | THE PROCTER & GAMBLE<br>COMPANY   | 2,212,144 | Walasek Steven P.  | 2,031,754 |
| Steinmair, Karl                       | 2,101,486 | THE PROCTER & GAMBLE<br>COMPANY   | 2,212,175 | Walasek, Stuart J.   | 2,031,754 |
| STEPHENSON, Thomas Francis            | 2,094,369 | THE PROCTER & GAMBLE<br>COMPANY   | 2,054,176 | Walrave, Albertus Pieter   | 2,098,614 |
| Stolka, Milan                         | 2,144,258 | THE PROCTER & GAMBLE<br>COMPANY   | 2,135,925 | Wang, Elizabeth A.   | 1,341,212 |
| Stone Container Corporation           | 2,189,273 | THE PROCTER & GAMBLE<br>COMPANY   | 2,021,942 | WARD, Seth II  | 2,218,910 |
| Storer, Richard                       | 2,059,263 | THE PROCTER & GAMBLE<br>COMPANY   | 2,016,460 | Washam, Jacqueline M.  | 2,164,121 |
| Stork, Harry Robert                   | 2,016,460 | THE PROCTER & GAMBLE<br>COMPANY   | 2,016,460 | Wasliw, Ed   | 2,082,311 |
| Strickland, David W.                  | 2,045,700 | THE STANDARD REGISTER<br>COMPANY  | 2,191,553 | Watanabe, Hiroshi  | 2,074,805 |
| STUBBS, Campbell L.                   | 2,243,599 | Theratech, Inc.   | 2,119,661 | WATANABE, Mitsuhiro  | 2,196,947 |
| Suda, Hirohito                        | 2,162,570 | Thibeault, Denis  | 2,130,436 | WATANABE, Syotaro  | 2,200,604 |
| SUGIYAMA, Hisataka                    | 2,235,933 | THOMSON CONSUMER<br>ELECTRONICS, INC.                                   | 2,207,867 | Watkins, David S.  | 2,149,793 |
| Suhara, Toshihiro                     | 2,189,203 | THOMSON CONSUMER<br>ELECTRONICS, INC.                                   | 2,070,421 | Weingartner, Thomas A.   | 2,011,825 |
| Suito, Ken                            | 2,174,403 | Tillement, Jean-Paul  | 2,235,933 | Welch, M. Bruce  | 2,135,225 |
| SUMITOMO CHEMICAL<br>COMPANY, LIMITED | 2,020,117 | Tindall, Stephen  | 2,211,986 | West, Lamar E., Jr.  | 2,071,500 |
| Suski, Jan                            | 2,067,180 | TING, Peter Di-Hsian  | 2,056,631 | WESTERN MINERALS<br>TECHNOLOGY PTY LTD.                                | 2,070,200 |
| SUTO, Shinichi                        | 2,220,584 | Tinti, Jean-Marie   | 2,225,108 | WESTINGHOUSE AIR BRAKE<br>COMPANY                                      | 2,187,001 |
| SUZUKI MOTOR<br>CORPORATION           | 2,182,533 | TOKUSHUKU, Nobuhiro   | 2,212,144 | WESTINGHOUSE ELECTRIC<br>CORPORATION                                   | 2,035,985 |
| Suzuki, Fumio                         | 2,051,310 | TORITA, Tomohiko  | 2,212,175 | Wheelhouse, Robert W.  | 2,045,753 |
| SUZUKI, Hiroe                         | 2,210,749 | Toyota, Akinori   | 2,104,294 | White, Harley  | 2,150,048 |
| SUZUKI, Motoyuki                      | 2,235,933 | TREMBLAY, Edmond  | 2,226,439 | White, Harley G.   | 2,154,727 |
| SUZUKI, Yoshio                        | 2,235,933 | TROKHAN, Paul Dennis  | 2,027,608 | White, Morris F., Jr.  | 2,031,727 |
| Swanson, Scott C.                     | 2,075,467 | TROKHAN, Paul Dennis  | 2,046,339 | Wickman, Lena Maria-Louise   | 2,176,291 |
| SWARS, Helmut                         | 2,213,748 | Troxel, Donald E.   | 2,238,459 | Wierzbicki, Michel   | 2,119,661 |
| Sweet, Alan F.                        | 2,004,855 | TRUSTEES OF BOSTON<br>UNIVERSITY  | 2,124,344 | Wiesner, Hagen Heinz   | 2,170,524 |
| TAIHO PHARMACEUTICAL<br>CO., LTD.     | 2,200,604 | Tsuji, Yoshiharu  | 2,150,445 | Wilcox, Richard C.   | 2,045,700 |
| TAIHO PHARMACEUTICAL<br>CO., LTD.     | 2,217,729 | Tubaki, Tatsuo  | 2,180,306 | Wildhardt, Juergen   | 2,008,328 |
| Tailor, Bharat                        | 2,157,209 | TUNZI, Todd J.  | 2,027,608 | WILKINSON, John D.   | 2,269,462 |
| Takagi, Hirofumi                      | 2,162,570 | Turner, Robert Brian  | 2,046,339 | Williamson, Christopher  | 2,059,263 |
| TAKAHASHI, Yoshihide                  | 2,230,626 | UGINE-SAVOIE IMPHY  | 2,238,459 | Williamson, Jimmie Robert  | 2,156,984 |
| Takebayashi, Katsuhiko                | 2,180,914 | Umbaugh, Daniel Lee   | 2,124,344 | Wilson, George E.  | 2,126,043 |
| Takechi, Toshisada                    | 2,180,914 | UNION CARBIDE<br>CHEMICALS AND<br>PLASTICS<br>TECHNOLOGY<br>CORPORATION | 2,150,445 | Witsoe, David  | 2,069,620 |
| TAKEUCHI, Masanobu                    | 2,210,749 | UNIVERSITE D'OTTAWA/<br>UNIVERSITY OF<br>OTTAWA                         | 2,189,711 | WITTCHOW, Eberhard   | 2,212,517 |
| Talbot, David W.                      | 2,128,209 | University of Florida   | 2,138,091 | Wolanski, Zbig   | 2,082,311 |
| Tamai, Yoshikiyo                      | 2,180,914 |   | 2,200,604 | Wolf, Jürgen   | 2,104,934 |
| Tamura, Tadafumi                      | 2,051,310 |   |           | Wong, Chee-Chiu Joseph   | 2,061,079 |
| Tanaka, Tatsuaki                      | 2,189,203 |   |           | Wosnick, Michael A.  | 2,076,901 |
| Tang, Leslie B.                       | 2,020,598 |   |           |  |           |
| Tanox Biosystems, Inc.                | 2,074,089 |   |           |  |           |
| Tansowny, John                        | 2,082,311 |   |           |  |           |
| Tarnoff, Harry L.                     | 1,341,214 |   |           |  |           |
| Tattersall, David Geoffrey            | 2,192,759 |   |           |  |           |

**Index des brevets canadiens délivrés  
10 avril 2001**

|  |           |
|--|-----------|
| Wozney, John M.  | 1,341,212 |
| Wright, Paul George  | 2,035,091 |
| Wrigley, Peter Ronald  | 2,167,294 |
| WU, Yun  | 2,217,729 |
| Wythes, Martin James   | 2,133,413 |
| XEROX CORPORATION  | 2,061,079 |
| XEROX CORPORATION  | 2,144,258 |
| XEROX CORPORATION  | 2,147,784 |
| XEROX CORPORATION  | 2,149,738 |
| XEROX CORPORATION  | 2,151,967 |
| XEROX CORPORATION  | 2,177,518 |
| XEROX CORPORATION  | 2,192,129 |
| XEROX CORPORATION  | 2,217,595 |
| XYLOG CORPORATION  | 2,186,478 |
| Yamamoto, Sanehiro   | 2,056,631 |
| Yamato, Koji   | 2,120,177 |
| YANG, Sung-Bong  | 2,225,771 |
| Yano, Hisashi  | 2,111,196 |
| YAO, Li-Ho   | 2,229,244 |
| Yasuhara, Hiroshi  | 2,046,968 |
| Yasuhara, Nae  | 2,046,968 |
| Yazaki Corporation   | 2,056,631 |
| YISSUM RESEARCH<br>DEVELOPMENT<br>COMPANY OF THE<br>HEBREW UNIVERSITY<br>OF JERUSALE | 2,019,410 |
| YONEZAWA, Kimitoshi  | 2,201,364 |
| Yonovich, John R.  | 2,149,738 |
| Yoon, Hye Sung   | 2,190,344 |
| YOSHIDA, Kenichiro   | 2,217,729 |
| YOSHIMURA, Hisashi   | 2,243,773 |
| Yoshino Kogyosho Co., Ltd.   | 2,046,339 |
| Yoshitake, Ikufumi   | 2,051,310 |
| YU, Lei  | 2,217,729 |
| Zagar, Frank L.  | 2,045,700 |
| Zavodny, Paul J.   | 2,130,436 |
| Zenk, Roland   | 2,135,225 |
| ZHU, LIZHONG   | 2,265,948 |
| Zhu, Xueli   | 2,015,769 |
| Ziolo, Ronald F.   | 2,151,967 |
| Zody, George M.  | 2,023,058 |
| Zöller, Margot   | 2,081,150 |
| ZORB, James Edward   | 2,204,895 |
| Zulaski, John A.   | 2,078,452 |

**Index of Canadian Patents Issued  
April 10, 2001**

# Index of Canadian Laid-Open Applications

March 18, 2001 - March 24, 2001

## Index des demandes canadiennes mises à la disponibilité du public

18 mars 2001 - 24 mars 2001

|                        |           |                         |           |                         |           |
|------------------------|-----------|-------------------------|-----------|-------------------------|-----------|
| AARON, DAVID A.        | 2,320,007 | BALTIMORE AIRCOIL       |           | BOYLAN, EUGENE B.       | 2,316,278 |
| ABB (SCHWEIZ) AG       | 2,320,001 | COMPANY, INC.           | 2,320,007 | BRANNAN, WARREN F.      | 2,320,608 |
| ABE, KOZO              | 2,320,005 | BANERJEE, SONALI        | 2,319,906 | BRETON, LIONEL          | 2,319,842 |
| ABE, TETSUYA           | 2,319,282 | BANKS CORPORATION       | 2,320,594 | BRISTOL-MYERS SQUIBB    |           |
| ABE, TETSUYA           | 2,319,283 | BANKSTAHL, HERB         | 2,315,305 | COMPANY                 | 2,318,650 |
| ADAMS GOLF IP, L.P.    | 2,293,227 | BARGER, ROBERT E.       | 2,316,132 | BROWN, RANDALL L.       | 2,302,127 |
| ADAMS, BYRON H.        | 2,293,227 | BARKER, PAUL D.         | 2,285,499 | BUCHANAN, JOHN ANDREW   | 2,320,384 |
| ADVANCED GLAZINGS LTD. | 2,282,998 | BARRETT, BRAD C.        | 2,284,438 | BUEGE, THOMAS J.        | 2,302,127 |
| AG COMMUNICATION       |           | BARTEL, JOHN B.         | 2,317,625 | BULMAN, DAVID EDWARD    | 2,313,929 |
| SYSTEMS                |           | BARTOSZEWICZ, JAMES     | 2,320,610 | BURNETT, MICHAEL S.     | 2,293,227 |
| CORPORATION            | 2,302,126 | BAXTER, STEVEN MICHAEL  | 2,317,977 | BURNS, CRAIG PATRICK    | 2,313,929 |
| AG COMMUNICATION       |           | BAYER                   |           | BUSH, ROBERT            | 2,293,227 |
| SYSTEMS                |           | AKTIENGESELLSCHAFT      | 2,320,507 | BUYSE, EMILE JOSEPH     | 2,319,843 |
| CORPORATION            | 2,302,127 | BAYER INC.              | 2,282,900 | BUZINSKY, ANDREW A.     | 2,314,192 |
| AGILENT TECHNOLOGIES,  |           | BAYERSDOERFER, ROLF     | 2,320,500 | CALAMATAS, PHILIP J.    | 2,314,248 |
| INC.                   | 2,316,489 | BECKWITH, ROBERT W.     | 2,283,005 | CALAMATAS, PHILIP J.    | 2,314,254 |
| AKAI, MAKOTO           | 2,318,720 | BECTON, DICKINSON AND   |           | CAMPBELL, DOUGLAS C. V. | 2,282,974 |
| ALBERT, CHRISTOPHE     | 2,319,846 | COMPANY                 | 2,315,469 | CARCAGNO, GABRIEL       | 2,316,142 |
| ALBRECHT, BRUCE P.     | 2,315,131 | BECTON, DICKINSON AND   |           | CARIGNAN, EDWARD        | 2,320,412 |
| ALCATEL                | 2,287,588 | COMPANY                 | 2,316,534 | CARLON, ROBERTO         | 2,319,943 |
| ALCATEL                | 2,319,927 | BEERS, ROGER NEIL       | 2,314,018 | CARLSON, DAVID O.       | 2,314,192 |
| ALCATEL                | 2,319,961 | BEESON, RICHARD         | 2,315,310 | CAROTA, MARK            | 2,287,124 |
| ALCATEL                | 2,319,963 | BELL HELICOPTER         |           | CARRARO, MIRCO          | 2,319,943 |
| ALCATEL USA SOURCING,  |           | TEXTRON INC.            | 2,319,295 | CARTER, JAMES EDWARD    | 2,320,062 |
| L.P.                   | 2,319,944 | BELL, IAN ALEXANDER     | 2,319,968 | CASTLE, ANTHONY E.      | 2,316,547 |
| ALDRIDGE, LAWRENCE     | 2,320,409 | BELTRAME, DARIO         | 2,292,242 | CELLEMETRY LLC          | 2,320,012 |
| ALUSUISSE TECHNOLOGY & |           | BENDELLI, GIAMPAOLO     | 2,316,489 | CEREDE, GILLES          | 2,319,993 |
| MANAGEMENT LTD.        | 2,317,998 | BENEDICT, SCOTT         | 2,320,412 | CHANDRASEKAR,           |           |
| AMAL, KHAILTASH        | 2,283,417 | BENGTSSON-RIVEROS,      |           | BASKARAN                | 2,282,982 |
| AMERICAN NUCLEONICS    |           | ANNMARIE                | 2,319,289 | CHAPMAN, ALAN S.        | 2,317,103 |
| CORPORATION            | 2,318,707 | BENOIT, YVES            | 2,319,840 | CHARTIER, MYRIAM        | 2,282,884 |
| ANEESH, DALVI          | 2,283,417 | BERSTIS, VIKTORS        | 2,316,120 | CHARTIER, MYRIAM        | 2,319,896 |
| ARPIN, CLAUDE          | 2,282,976 | BERSTIS, VIKTORS        | 2,316,123 | CHATEAU, NICOLAS        | 2,319,845 |
| ASSENHEIMER, KEVIN C.  | 2,320,397 | BET TECHNOLOGY, INC.    | 2,316,278 | CHEESMAN, JULIAN J.     | 2,314,625 |
| ASTRIUM LIMITED        | 2,320,574 | BHASIN, SAHIBJEET SINGH | 2,285,736 | CHEN, CHAO-YANG         | 2,282,961 |
| ATWELL, ANDREW         | 2,312,072 | BIGO, SEBASTIEN         | 2,319,961 | CHIBA, OSAMU            | 2,300,345 |
| AUDIO PRODUCTS         |           | BILLITON SA LIMITED     | 2,282,848 | CHOI, HAN CHIL          | 2,310,918 |
| INTERNATIONAL CORP.    | 2,283,029 | BIOSENSE, INC.          | 2,320,068 | CLARIANT GMBH           | 2,320,496 |
| AYUKAWA, KAZUMASA      | 2,282,970 | BIRD, PAUL MILLER       | 2,282,999 | COLBOURNE, PAUL         | 2,320,446 |
| AZEKAWA, YOSHIFUMI     | 2,300,345 | BLOOMFIELD, MARK E.     | 2,320,604 | COMER, EDWARD I.        | 2,320,012 |
| BAE SYSTEMS            |           | BLOTT, STEPHEN MICHAEL  | 2,318,595 | COMMINS, ALFRED         | 2,313,735 |
| ELECTRONICS LIMITED    | 2,320,574 | BLUMENBERG, MIROSLAV    | 2,318,519 | COMUTALOG LTD.          | 2,314,192 |
| BAHU, MARK B.          | 2,318,707 | BLYTHE, CLEVELAND       | 2,290,898 | CONTINENTAL EXPRESS     |           |
| BAIG, MIRZA AREF AHMED | 2,320,623 | BLYTHE, CLEVELAND       | 2,307,420 | MONEY ORDER             |           |
| BAIYOR, ROBERT JOHN    | 2,319,894 | BOCK, CARL RANDOLPH     | 2,316,534 | COMPANY, INC.           | 2,300,567 |
| BAKER HUGHES           |           | BODNAR, ERNEST ROBERT   | 2,283,084 | CONVEYOR TECHNOLOGY     |           |
| INCORPORATED           | 2,320,571 | BOGART, RONALD JAMES    | 2,283,084 | GROUP, INC.             | 2,319,301 |
| BAKER HUGHES           |           | BOGDAN, ALEXEI          | 2,282,819 | COOPER TECHNOLOGIES     |           |
| INCORPORATED           | 2,320,620 | BONNASSIEUX, VINCENT    | 2,319,846 | COMPANY                 | 2,319,869 |
| BAKERS HUGHES          |           | BONNEVILLE, MARC        |           | CORDEY, RALPH ANTONY    | 2,320,574 |
| INCORPORATED           | 2,320,027 | ETIENNE                 | 2,283,577 | CORDIS CORPORATION      | 2,320,459 |
| BALDOWSKI, JOHN E.     | 2,316,609 | BONNEVILLE, MARC        |           | CORVASCE, FILOMENO      |           |
| BALDWIN, MICHAEL E.    | 2,300,567 | ETIENNE                 | 2,320,451 | GENNARO                 | 2,314,729 |
| BALLANTYNE, DAVID B.   | 2,316,609 | BOYD, ROBERT M.         | 2,293,227 | COSTA, EMILIO           | 2,319,984 |
| BALLMAN, STEVEN MARK   | 2,313,929 | BOYER, CHRISTOPHE       | 2,319,841 | COULSON, RICHARD        | 2,290,898 |

**Index of Canadian Laid-Open Applications**  
**March 18, 2001 - March 24, 2001**

|   |           |  |           |  |           |
|---|-----------|--|-----------|--|-----------|
| COULSON, RICHARD                                  | 2,307,420 | EDGER, RONALD FREDRICK                                     | 2,282,989 | GERARD, DENIS JEAN RENE                                    | 2,314,017 |
| COVINGTON, C., ED<br>(Deceased)                   | 2,319,295 | EFOS INC.  | 2,319,890 | GEROMINI, OSVALDO  | 2,319,289 |
| CRAIG, GRANTLAND A.                               | 2,319,942 | EFOS INC.  | 2,320,018 | GESSESSE, YEMANE B.  | 2,284,370 |
| CRAN, JAMES A.                                    | 2,283,007 | EGAN, LAWRENCE J.  | 2,313,929 | GILDERSON, JAMES A.  | 2,283,417 |
| CRAN, JAMES A.                                    | 2,283,008 | EGERMANN, PATRICK  | 2,319,962 | GILDERSON, JAMES A.  | 2,315,662 |
| CRC-EVANS PIPELINE<br>INTERNATIONAL, INC.         | 2,317,975 | EICHENBAUM, BERNARD<br>RAYMOND                             | 2,319,906 | GLENNENING, RONALD<br>STUART                               | 2,300,472 |
| CROSTON, VICTOR W.                                | 2,284,340 | ELCO TEXTRON INC.  | 2,314,864 | GLOBE MACHINE<br>MANUFACTURING CO.                         | 2,284,340 |
| CTI SYSTEMS S.A.                                  | 2,317,353 | ELECTROFUEL, INC.  | 2,290,714 | GMEINER, ANTON   | 2,320,504 |
| CUMMINGS, JOHN E.                                 | 2,319,614 | ELECTROFUEL, INC.  | 2,290,878 | GOGLIN, ELODIE   | 2,319,962 |
| DAIMLERCHRYSLER AG                                | 2,317,388 | ELISION TECHNOLOGY INC.                                    | 2,283,495 | GOLDSCHMIDT AG   | 2,317,391 |
| DALVI, ANEESH VASUDEV                             | 2,315,662 | EM MICROELECTRONIC-<br>MARIN SA                            | 2,319,993 | GOODHOME.COM   | 2,319,996 |
| DANG, MUC   | 2,283,549 | ENDERS, NICHOLAS   | 2,282,921 | GOODRICH, ROBERT RAY                                       | 2,318,673 |
| DANIEL, DANIEL S.                                 | 2,319,987 | ERDMANN, WILHELM   | 2,315,931 | GOTO, SHOICHI  | 2,282,954 |
| DANTU, RAMANAMURTHY                               | 2,319,944 | ERFLE, VOLKER  | 2,309,372 | GREAT LAKES CHEMICAL<br>CORPORATION                        | 2,283,376 |
| DARR, MATTHEW RAIN                                | 2,319,869 | ERSKINE, JAMES CLIFFORD                                    | 2,328,678 | GRIESHABER, KENNETH W.                                     | 2,320,013 |
| DART INDUSTRIES INC.                              | 2,317,071 | ESSILOR INTERNATIONAL<br>(COMPAGNIE<br>GÉNÉRALE D'OPTIQUE) | 2,319,845 | GROLL, WERNER  | 2,319,946 |
| DASGUPTA, SANKAR                                  | 2,290,714 | ETHYL CORPORATION  | 2,319,866 | GROTE, PASCALE   | 2,319,946 |
| DASGUPTA, Sankar                                  | 2,290,878 | FAB INDUSTRIES, L.L.C.                                     | 2,287,396 | GROW TEC INC.,   | 2,282,921 |
| DAUPHIN ENTWICKLUNGS-<br>U. BETEILIGUNGS-<br>GMBH | 2,318,682 | FAB INDUSTRIES, L.L.C.                                     | 2,287,402 | GSELL, RAY   | 2,318,650 |
| DAVIS, HARRY H.                                   | 2,326,252 | FAB INDUSTRIES, L.L.C.                                     | 2,287,407 | GSF FORSCHUNGSZENTRUM<br>FUR UMWELT UND<br>GESUNDHEIT GMBH | 2,309,372 |
| DAVIS, ROBERT WAYNE                               | 2,319,944 | FAB INDUSTRIES, L.L.C.                                     | 2,287,411 | GUERET, JEAN-LOUIS   | 2,319,844 |
| DAY, CLIFTON B.                                   | 2,319,295 | FAB INDUSTRIES, L.L.C.                                     | 2,287,414 | GUEST, CHRISTOPHER W. J.                                   | 2,285,520 |
| DAYCO PRODUCTS, INC.                              | 2,320,397 | FARNSWORTH, JOHN T.  | 2,319,289 | GUIVARC'H, OLIVIER   | 2,319,925 |
| DE MARCO, LEO<br>FRANCESCO                        | 2,319,902 | FEHRMANN, GARY ZANE  | 2,319,891 | HAASE, CHRISTOPHER L.                                      | 2,282,987 |
| DEAN, ANTHONY                                     | 2,320,611 | FERAG AG   | 2,320,499 | HAERER, JUERGEN  | 2,320,500 |
| DEERE & COMPANY                                   | 2,313,351 | FERMIGIER, BRUNO   | 2,319,845 | HAESLER, FRANK   | 2,319,840 |
| DEERE & COMPANY                                   | 2,314,554 | FERRIS, JOHN DOUGLAS                                       | 2,284,217 | HAGIWARA, ATSUSHI  | 2,318,705 |
| DEFRALE' S.R.L.                                   | 2,319,902 | FISHER CONTROLS<br>INTERNATIONAL, INC.                     | 2,307,714 | HAKMAN, KEVIN  | 2,319,996 |
| DEGELMAN INDUSTRIES<br>LTD.                       | 2,282,795 | FITZPATRICK, P. JOHN                                       | 2,283,007 | HALL, CHARLES DAVID  | 2,320,574 |
| DEGRAUWE, MARC                                    | 2,319,993 | FITZPATRICK, P. JOHN                                       | 2,283,008 | HALLIBURTON ENERGY<br>SERVICES, INC.                       | 2,319,891 |
| DEGUSSA-HALS<br>AKTIENGESELLSCHAFT                | 2,319,946 | FLANAGAN, ROBERT C.  | 2,318,707 | HALLMARK CARDS,<br>INCORPORATED                            | 2,319,614 |
| DEGUSSA-HULS<br>AKTIENGESELLSCHAFT                | 2,319,284 | FLEURY, MARC   | 2,319,962 | HAMADA, KENICHI  | 2,318,720 |
| DELAVAUUX, JEAN-MARC<br>PIERRE                    | 2,319,280 | FLURSCHUTZ, WALTER   | 2,320,529 | HAMBLEY, DAVID L.  | 2,316,681 |
| DEL-COIN HOLDINGS                                 | 2,283,513 | FOLEY, DANIEL MICHAEL                                      | 2,313,351 | HAMILTON, MARK D.  | 2,320,571 |
| DELPIERRE, PHILLIP III                            | 2,288,537 | FOLEY, DANIEL MICHAEL                                      | 2,314,554 | HAMSTRA-WEESP B.V.   | 2,287,670 |
| DENLEY, RONALD S.                                 | 2,314,864 | FONTANA, ADRIANO   | 2,309,372 | HANSCH, EGON   | 2,320,499 |
| DESTHIEUX, BERTRAND                               | 2,319,927 | FORTE, PAUL R.   | 2,291,972 | HARIRI, ALIASGHAR  | 2,287,132 |
| DETWILER, RICHARD L.                              | 2,319,987 | FOSBINDER, DANIEL  | 2,315,310 | HARTFORD, JAMES T.   | 2,319,940 |
| DEW, DAVID WILLIAM                                | 2,282,848 | FOX, PETER   | 2,299,192 | HARTMETALL<br>BETEILIGUNGS GMBH                            | 2,320,529 |
| DEWALD, LUDWIG                                    | 2,317,353 | FOX, ROBERT E.   | 2,291,972 | HASHIM, AMID IHSAN   | 2,318,673 |
| DI CINTIO, ROBERTO                                | 2,292,242 | FRANK, WILLIAM R.  | 2,320,561 | HASHIMOTO, KAZUO   | 2,320,386 |
| DIDION MANUFACTURING<br>COMPANY                   | 2,320,065 | FRECSKA, LASZLO  | 2,319,940 | HAUSER, BRADLEY W.   | 2,300,567 |
| DIDION, MICHAEL S.                                | 2,320,065 | GALT, WALTER BRUCE   | 2,320,610 | HAYASHI, NORIYA  | 2,320,545 |
| DITTERLINE, ANDREW F.                             | 2,320,526 | GARTNER, JASON MICHAEL                                     | 2,283,055 | HAZEN, LARRY H.  | 2,307,714 |
| DOMON, WATARU                                     | 2,320,619 | GASTALDI, LUIGI  | 2,316,489 | HEATH, PETER A.  | 2,319,942 |
| DONAUER, HERBERT                                  | 2,315,931 | GAUTHIER, THIERY   | 2,319,841 | HEBERT, RUSSELL  | 2,316,278 |
| DORRICOTT, JONATHAN                               | 2,320,561 | GAVEY, CHRISTOPHER A.                                      | 2,293,227 | HECK, ERNST  | 2,319,289 |
| DOUGHERTY, EUGENE<br>PATRICK                      | 2,318,633 | GAZEL, ALIX M.   | 2,318,519 | HEIBERG, JAKOB   | 2,317,071 |
| DUCHARME, DANIEL                                  | 2,282,933 | GEBROEDERS CAPPELLE<br>NAAMLOZE<br>VENNOOTSCHAP            | 2,319,843 | HENKEL<br>KOMMANDITGESELLSC<br>HAFT AUF AKTIEN             | 2,320,500 |
| DUCK, GARY  | 2,320,446 | GEISSLER, HOLGER   | 2,320,496 | HENKEL<br>KOMMANDITGESELLSC<br>HAFT AUF AKTIEN             | 2,320,536 |
| DUNN, TOM S.                                      | 2,319,893 | GENERAL ELECTRIC<br>COMPANY                                | 2,304,928 | HENKEL<br>KOMMANDITGESELLSC<br>HAFT AUF AKTIEN             | 2,320,541 |
| EARL, DEBORAH THOMAS                              | 2,319,894 | GENERAL ELECTRIC<br>COMPANY                                | 2,313,929 |  |           |
| ECOLE DE TECHNOLOGIE<br>SUPERIEURE                | 2,319,972 | GENERAL ELECTRIC<br>COMPANY                                | 2,320,623 |  |           |
| EDGER, RONALD FREDRICK                            | 2,282,988 | GEOFROY, PAUL JOSEPH                                       | 2,316,738 |  |           |
|   |           | GEORGE, THOMAS LAMAR<br>JR.                                | 2,319,944 |  |           |

**Index des demandes canadiennes mises à la disponibilité du public  
18 mars 2001 - 24 mars 2001**

|                          |           |                         |           |                        |           |
|--------------------------|-----------|-------------------------|-----------|------------------------|-----------|
| HENKEL                   |           | INSTITUT NATIONAL DE LA |           | KREBS, STEVEN L.       | 2,318,650 |
| KOMMANDITGESELLSC        |           | RECHERCHE               |           | KREMER, EGBERT         | 2,319,946 |
| HAFT AUF AKTIEN          | 2,320,544 | SCIENTIFIQUE            | 2,282,884 | KROUGLICOF, NICHOLAS   | 2,319,972 |
| HENOUMONT, MARC JULES    |           | INSTITUT NATIONAL DE LA |           | KUJAWA, S. KIM         | 2,283,495 |
| ALEXIS                   | 2,314,017 | RECHERCHE               |           | KUMAR, AJITH           |           |
| HERRMANN, UDO            | 2,320,507 | SCIENTIFIQUE            | 2,319,896 | KUTTANNAIR             | 2,320,623 |
| HERRON, W. BRUCE G.      | 2,317,768 | INTERNATIONAL BUSINESS  |           | KUNG, HSIANG T.        | 2,317,103 |
| HERTEL, JAMES E.         | 2,319,942 | MACHINES                |           | KUNKEL, PETER          | 2,319,999 |
| HICKEY, KURT A.          | 2,320,571 | CORPORATION             | 2,316,120 | KURANISHI, MASAHISA    | 2,320,433 |
| HIGH TECHNOLOGY          |           | INTERNATIONAL BUSINESS  |           | KURARAY CO., LTD.      | 2,318,720 |
| INVESTMENTS B.V.         | 2,320,425 | MACHINES                |           | KURITA, NORIYUKI       | 2,320,005 |
| HILLBERG, CLAES          | 2,320,001 | CORPORATION             | 2,316,123 | KURODA, SHIGETAKA      | 2,320,003 |
| HIRAMATSU, NAOTO         | 2,319,974 | IPSCO INC.              | 2,320,561 | KUTA, JOHN             | 2,320,018 |
| HIRATA, TOSHIHISA        | 2,320,599 | ISHIKAWA, NORIHIKO      | 2,318,718 | KUZUB, DANNY           | 2,282,795 |
| HLATHEIN, ALISON JOY     | 2,319,887 | ISHIURA, KAZUSHIGE      | 2,318,720 | KYOWA HAKKO KOGYO CO., |           |
| HLIBOWICKI, STEFAN R.    | 2,283,029 | ISOTIS B.V.             | 2,319,969 | LTD.                   | 2,319,282 |
| HOFF, JAMES              | 2,302,127 | IVOCLAR AG              | 2,319,999 | KYOWA HAKKO KOGYO CO., |           |
| HOFFKNECHT, MARC         |           | IZUMIURA, ATSUSHI       | 2,320,003 | LTD.                   | 2,319,283 |
| OLIVER                   | 2,282,819 | JACOBS, JAMES K.        | 2,290,714 | KYOWA HAKKO KOGYO CO., |           |
| HOGGART, CLIVE           | 2,320,605 | JACOBS, JAMES K.        | 2,290,878 | LTD.                   | 2,319,967 |
| HOHENEGGER, FRANZ        | 2,319,999 | JANG, RAYMOND EDWARD    | 2,316,738 | L.B. PLASTICS LIMITED  | 2,326,252 |
| HOLMAN, DEREK W.         | 2,293,227 | JANSSON, EDWARD R.      | 2,320,012 | LAGRANGE, ALAIN        | 2,319,852 |
| HOLTHAUSEN, MATTHIAS     | 2,320,498 | JAO, TZE CHI            | 2,319,866 | LAGRANGE, TIMOTHY E.   | 2,314,192 |
| HONDA GIKEN KOGYO        |           | JDS UNIPHASE INC.       | 2,320,446 | LAHRTZ, FRITZ          | 2,309,372 |
| KABUSHIKI KAISHA         | 2,320,003 | JIVANI, ZAHIR           | 2,320,572 | LAMERS, JOHN PETER     | 2,283,084 |
| HONDA GIKEN KOGYO        |           | JOHANSEN, BRIAN W.      | 2,293,227 | LAMPRON, MATT          | 2,320,412 |
| KABUSHIKI KAISHA         | 2,320,563 | JOHNSON, GARY E.        | 2,319,942 | LAMPRON, SYLVAIN       | 2,319,972 |
| HOPPENKAMPS, NIKOLAUS    | 2,320,498 | JOHNSTON, JON C.        | 2,319,950 | LANDOLL CORPORATION    | 2,317,204 |
| HORIZON TECHNOLOGY,      |           | JONSSON, MAGNUS OKAFUR  | 2,309,492 | LANDOLL, DONALD R.     | 2,317,204 |
| LLP                      | 2,298,743 | JOSEPH, VERNAU          | 2,287,598 | LAU, LEO TAT MAN       | 2,283,050 |
| HORN, BERND              | 2,320,498 | JOULIA, GERARD          | 2,316,679 | LAYROLLE, PIERRE JEAN  |           |
| HORN, RUDI               | 2,320,529 | JUN, SUNG BAE           | 2,320,506 | FRANCOIS               | 2,319,969 |
| HORNIBROOK, JOHN F.      | 2,283,052 | JUN, SUNG BAE           | 2,320,516 | LEE, CHENG-CHIEH       | 2,318,607 |
| HOWARD, WALTER           |           | KAGEOKA, KAZUYUKI       | 2,319,974 | LEE, HOWARD Y.         | 2,283,116 |
| EDWARD                   | 2,288,537 | KAGEYAMA, YOSHIHIRO     | 2,320,563 | LEE, JIN SOO           | 2,320,510 |
| HOWELL, RAYMOND D.       | 2,317,157 | KAISER, GARRY R.        | 2,320,027 | LEE, JIN SOO           | 2,320,568 |
| HUBERT, MANFRED          | 2,319,890 | KALKUNTE, MOHAN V.      | 2,319,924 | LEGRIS SA              | 2,319,925 |
| HUEMPFNER, THOMAS D.     | 2,319,942 | KASHIHARA, KAZUHISA     | 2,320,538 | LETENDRE, ROBERT P.    | 2,320,459 |
| HUMPHREY, DAVID T.       | 2,316,547 | KASZAS, GABOR           | 2,282,900 | LEVEL ONE              |           |
| HUNSCHER, CHRISTIAN      | 2,317,388 | KATAKURA, TAKAAKI       | 2,305,485 | COMMUNICATIONS,        |           |
| HUO, JIN WOOK            | 2,283,116 | KDD CORPORATION         | 2,320,386 | INC.                   | 2,282,878 |
| HUTCHISON, RICHARD M.    | 2,315,131 | KENNEDY, JOHN           | 2,319,890 | LEVESQUE, MARC         | 2,283,417 |
| HYDRIL COMPANY           | 2,320,028 | KENNEDY, SAMUEL         | 2,310,971 | LEVESQUE, MARC         | 2,315,662 |
| IBM CANADA LTD. - IBM    |           | KHAILTASH, AMAL         | 2,315,662 | LEWIS, DAVID L.        | 2,316,681 |
| CANADA LIMITÉE           | 2,282,999 | KIM, KYOUNG II          | 2,320,534 | LEWIS, DONALD E., JR.  | 2,317,975 |
| IBM CANADA LTD. - IBM    |           | KINO, KUNIKI            | 2,319,282 | LEWIS, LARRY NEIL      | 2,304,928 |
| CANADA LIMITÉE           | 2,283,050 | KINO, KUNIKI            | 2,319,283 | LEWIS, WILLIAM R., JR. | 2,282,931 |
| IBM CANADA LTD. - IBM    |           | KIRSCH, ANDREW M.       | 2,319,987 | LEXMARK INTERNATIONAL, |           |
| CANADA LIMITÉE           | 2,283,052 | KITA, SHIGERU           | 2,283,441 | INC.                   | 2,320,384 |
| IBM CANADA LTD. - IBM    |           | KITAJIMA, SHINICHI      | 2,320,003 | LG ELECTRONICS INC.    | 2,320,506 |
| CANADA LIMITÉE           | 2,283,055 | KIYUNA, TOMOHARU        | 2,320,375 | LG ELECTRONICS INC.    | 2,320,510 |
| ILLINOIS TOOL WORKS INC. | 2,315,131 | KLEIN, ALEXANDER        | 2,320,529 | LG ELECTRONICS INC.    | 2,320,516 |
| ILLINOIS TOOL WORKS INC. | 2,315,305 | KMB CREATIONS LIMITED   | 2,298,909 | LG ELECTRONICS INC.    | 2,320,568 |
| ILLINOIS TOOL WORKS INC. | 2,315,310 | KOBAYASHI, ASAKO        | 2,319,967 | LI, SHOUTIAN           | 2,319,866 |
| INFINEUM INTERNATIONAL   |           | KOEDDEL, UWE            | 2,309,372 | LI, YUNZHOU            | 2,310,519 |
| LIMITED                  | 2,319,968 | KOERNER, ROBERT F.      | 2,316,278 | LIBMAN, RICHARD MARC   | 2,282,873 |
| INSTITUT DE CARDIOLOGIE  |           | KOHLEISEN, BIRGIT       | 2,309,372 | LICKES, JEAN-PAUL      | 2,314,017 |
| DE MONTRÉAL              | 2,282,982 | KOMIYA, YASUHIKO        | 2,319,882 | LIESEN, GREGORY P.     | 2,319,866 |
| INSTITUT FRANCAIS DU     |           | KOONEN, ANTONIUS        |           | LILLELUND, STIG        | 2,317,071 |
| PETROLE                  | 2,319,840 | MARCELLUS JOZEF         | 2,318,614 | LINHOFER, GERHARD      | 2,320,001 |
| INSTITUT FRANCAIS DU     |           | KOPP, GERARD W.J.       | 2,283,481 | LINKE, FRANK           | 2,320,507 |
| PETROLE                  | 2,319,841 | KOPP, LEAH V.           | 2,283,481 | LITON SYSTEMS, INC.    | 2,320,010 |
| INSTITUT FRANCAIS DU     |           | KORZENIOWSKI, GARY E..  | 2,282,931 | LIU, WEIGUO            | 2,283,376 |
| PETROLE                  | 2,319,962 | KOUDIL, ABDELHAKIM      | 2,319,841 | LIVIERO, CHRISTEL      | 2,319,842 |
|                          |           | KRAFT FOODS, INC.       | 2,288,537 | LOCHER, CORY W.        | 2,285,893 |
|                          |           | KRAFT FOODS, INC.       | 2,319,887 | LOKKEN, GARY           | 2,283,011 |

**Index of Canadian Laid-Open Applications**  
**March 18, 2001 - March 24, 2001**

|                        |           |                           |           |                          |           |
|------------------------|-----------|---------------------------|-----------|--------------------------|-----------|
| L'OREAL                | 2,316,679 | mitsubishi denki          |           | NUOVO PIGNONE HOLDING    |           |
| L'OREAL                | 2,319,842 | KABUSHIKI KAISHA          | 2,300,345 | S.P.A.                   | 2,320,611 |
| L'OREAL                | 2,319,844 | mitsubishi electric       |           | NYMAN, BRUCE             | 2,320,446 |
| L'OREAL                | 2,319,852 | SYSTEM LSI DESIGN         |           | O'BRIEN, MICHAEL JOSEPH  | 2,304,928 |
| LOVE, JAMES E., JR.    | 2,319,987 | CORPORATION               | 2,300,345 | OCHI, KENGO              | 2,282,969 |
| LUCENT TECHNOLOGIES    |           | mitsubishi heavy          |           | OESTREICH, SASCHA        | 2,317,391 |
| INC.                   | 2,318,595 | INDUSTRIES, LTD.          | 2,320,545 | OHARA, SOUSABURO         | 2,305,485 |
| LUCENT TECHNOLOGIES    |           | MIYAGI, AKIRA             | 2,305,485 | OKI, HIDEYUKI            | 2,320,003 |
| INC.                   | 2,318,607 | MIZUNO, YUTAKA            | 2,320,433 | OMAS, JEREMY D.          | 2,287,588 |
| LUCENT TECHNOLOGIES    |           | MOLEX INCORPORATED        | 2,320,599 | ONISHI, KAZUAKI          | 2,318,718 |
| INC.                   | 2,318,614 | MOORE, ROLAND S.          | 2,314,209 | ONO, TOMOHIRO            | 2,318,720 |
| LUCENT TECHNOLOGIES    |           | MORISHITA, TAIICHIRO      | 2,290,173 | ORTHO-CLINICAL           |           |
| INC.                   | 2,318,671 | MORIWAKI, SHOHEI          | 2,300,345 | DIAGNOSTICS, INC.        | 2,318,730 |
| LUCENT TECHNOLOGIES    |           | MORIYA, TORU              | 2,320,415 | ORTHO-CLINICAL           |           |
| INC.                   | 2,318,673 | MORRISON, FRANK T.        | 2,320,007 | DIAGNOSTICS, INC.        | 2,319,987 |
| LUCENT TECHNOLOGIES    |           | MUHUMUZA, LUKE            | 2,307,420 | OSADCHY, MARGARITA       | 2,320,068 |
| INC.                   | 2,319,280 | MURAMATSU, SHIGEKI        | 2,320,386 | OSRAM SYLVANIA INC.      | 2,316,547 |
| LUCENT TECHNOLOGIES    |           | MURTLAND, RICHARD H.      | 2,293,227 | OVOD, VLADIMIR           | 2,309,372 |
| INC.                   | 2,319,894 | NAESSENS, GASTON          | 2,282,865 | OWENS-BROCKWAY GLASS     |           |
| LUCENT TECHNOLOGIES    |           | NAKAJIMA, TAKESHI         | 2,320,538 | CONTAINER INC.           | 2,316,681 |
| INC.                   | 2,319,906 | NAKAMOTO, YASUO           | 2,320,003 | OWNBEY, FLETCHER         |           |
| LUCENT TECHNOLOGIES    |           | NAKAMURA, KAERYNNE        | 2,290,898 | BRADFORD                 | 2,320,409 |
| INC.                   | 2,320,534 | NAKAMURA, KAERYNNE        | 2,307,420 | PABST, OTTO              | 2,320,425 |
| LUEBKE, WAYNE W.       | 2,319,942 | NAKAMURA, SADAYUKI        | 2,319,974 | PALUMBO, FRANKLIN        |           |
| LUMBY, JOHN E.         | 2,283,052 | NAKAUNE, KAN              | 2,320,003 | JOSEPH                   | 2,320,384 |
| LUMION CORPORATION     | 2,282,819 | NARA, KAZUTAKA            | 2,320,538 | PAPER CONVERTING         |           |
| LUNDBERG, CHRIS A.     | 2,320,028 | NCR CORPORATION           | 2,320,002 | MACHINE COMPANY          | 2,319,942 |
| LYON, NORMAN A.        | 2,314,625 | NCR CORPORATION           | 2,320,602 | PARKER, PHILIP A.        | 2,319,893 |
| MACK TRUCKS, INC.      | 2,317,625 | NCR CORPORATION           | 2,320,603 | PATTERSON, DAVID R.      | 2,318,730 |
| MACKAY, ROBIN          | 2,320,002 | NCR CORPORATION           | 2,320,604 | PATTERSON, JOHN ROBERT   | 2,318,633 |
| MACKAY, ROBIN          | 2,320,603 | NCR CORPORATION           | 2,320,605 | PAWLOWSKI, CHRISTOPHER   |           |
| MACUMBER, IRA J.       | 2,285,536 | NDR CORPORATION           | 2,319,291 | A.                       | 2,302,127 |
| MANGIN, JAMES L.       | 2,319,924 | NEC CORPORATION           | 2,320,375 | PEANG-METH, LY K.        | 2,282,931 |
| MANZOLI, NICHOLAS J.   | 2,320,532 | NEC CORPORATION           | 2,320,619 | PERDUE, JERRY THOMAS     | 2,320,010 |
| MARANZANA, ROLAND      | 2,319,972 | NEVILLE, RICHARD L.       | 2,290,229 | PETERSON, WARREN         | 2,283,111 |
| MARCOU, JEAN-CLAUDE    | 2,319,846 | NEVILOG, INC.             | 2,290,229 | PFALLER, WERNER          | 2,319,289 |
| MARGRAF, CLIFFORD A.   | 2,298,743 | NEW YORK UNIVERSITY       | 2,318,519 | PFIRMANN, RALF           | 2,320,496 |
| MARIN, GILDAS          | 2,319,845 | NEWBRIDGE NETWORKS        |           | PFISTER, HANS-WALTER     | 2,309,372 |
| MARUYAMA, MANABU       | 2,320,563 | CORPORATION               | 2,283,369 | PHELPS, PAUL IAN         | 2,320,574 |
| MASCHINI, MARCO        | 2,307,420 | NEWMAN, BENJAMIN KEITH    | 2,320,384 | PICCIOTTI, MARCELLO      | 2,292,242 |
| MASON, TIMOTHY L.      | 2,319,291 | NG, WINNIE                | 2,298,909 | PINCEMIN, ERWAN          | 2,319,963 |
| MATSUMOTO, KAZUNORI    | 2,320,386 | NGK SPARK PLUG CO., LTD.  | 2,320,415 | PINEAU, NATHALIE         | 2,319,842 |
| MATSUSHITA ELECTRIC    |           | NICHOLS, STACY S.         | 2,314,625 | PITCHER, DEREK H.        | 2,319,924 |
| INDUSTRIAL CO., LTD.   | 2,311,211 | NICKERSON, JOHN M.        | 2,300,567 | PLANET WATTOHM           | 2,319,846 |
| MATTHEWS, TERENCE H.   | 2,283,369 | NICOLOFF, THOMAS PAUL     | 2,319,986 | PLETCHER, DIRK L.        | 2,318,650 |
| MAY, DITTMAR           | 2,319,946 | NIES, NORBERT             | 2,320,498 | PLOS, GREGORY            | 2,319,852 |
| MCBRIDE, SCOTT         | 2,316,278 | NINTENDO CO., LTD.        | 2,319,279 | POLYCLAD LAMINATES,      |           |
| MCDONALD, KEITH M.     | 2,302,127 | NIPPON SANSO              |           | INC.                     | 2,320,412 |
| MCELFRESH, PAUL M.     | 2,320,620 | CORPORATION               | 2,319,882 | POMEROY, RONALD JAMES    | 2,283,055 |
| McILHARGEY, JOSEPH F.  | 2,282,993 | NISSHIN STEEL CO., LTD.   | 2,319,974 | POSTADAN, REYNALDO       | 2,316,609 |
| MEADOWS, GREGORY S.    | 2,318,650 | NISSHINBO INDUSTRIES INC. | 2,318,705 | PRECOR INCORPORATED      | 2,285,499 |
| MEARS, JOHN C.         | 2,282,931 | NITSCH, CHRISTIAN         | 2,320,500 | PUSKAS, JOHN A.          | 2,318,730 |
| MEGURI, HIDEO          | 2,320,563 | NOGLICH, JURGEN           | 2,320,536 | QUIETT, JEFFREY L.       | 2,319,614 |
| MEI, LUCIANO           | 2,320,611 | NOGLICH, JURGEN           | 2,320,544 | RACH, DENNIS J.          | 2,317,768 |
| MEINE, GEORGE          | 2,320,541 | NOMURA, KEIJI             | 2,320,457 | RADEMACHER, JOHN J.      | 2,320,461 |
| MENAND, PASCAL         | 2,319,891 | NORTEL NETWORKS           |           | RATKORN, NORBERT         | 2,317,388 |
| MERCIER, GUY           | 2,282,884 | CORPORATION               | 2,310,519 | READING, SCOTT WARREN    | 2,318,633 |
| MERCIER, GUY           | 2,319,896 | NORTEL NETWORKS           |           | REGOUT, YVAN XAVIER      | 2,284,315 |
| MESALIC, ADMIR         | 2,320,623 | CORPORATION               | 2,317,103 | REINECKE, HARRY          | 2,318,682 |
| MESTRIC, ROLAND        | 2,319,961 | NORTEL NETWORKS           |           | REISFELD, DANIEL         | 2,320,068 |
| MICROLOG CORPORATION   | 2,282,931 | CORPORATION               | 2,319,924 | REYNOLDS, HARRIS A., JR. | 2,320,028 |
| MIELKE, MARK JOSEPH    | 2,313,929 | NORTEL NETWORKS           |           | RHODA, JAMES EDWIN       | 2,313,929 |
| MILBURN, DOUGLAS I.    | 2,282,998 | CORPORATION               | 2,320,610 | RHS PANELTECH LIMITED    | 2,299,192 |
| MILIANI, ALESSIO       | 2,320,611 | NORTEL NETWORKS           |           | RING, MICHAEL E.         | 2,317,829 |
| MILLER, DEBORAH MAXINE | 2,282,848 | LIMITED                   | 2,314,625 | RJAIBI, WALID            | 2,283,052 |
| MITEK HOLDINGS, INC.   | 2,282,987 | NOWAK, ALBERT             | 2,315,131 | ROBBINS, ELIZABETH A.    | 2,317,157 |

## Index des demandes canadiennes mises à la disponibilité du public

18 mars 2001 - 24 mars 2001

|  |           |                                      |           |  |           |
|--|-----------|--------------------------------------|-----------|--|-----------|
| ROBBINS, PHILLIP E.                    | 2,320,594 | SMILEY, DAVID A.                     | 2,302,126 | THE BOC GROUP, INC.  | 2,320,013 |
| ROBERGE, GUY                           | 2,282,884 | SMITH, HAROLD ROBERT JR              | 2,319,894 | THE FURUKAWA ELECTRIC<br>CO., LTD.   | 2,320,538 |
| ROBERGE, GUY                           | 2,319,896 | SMITH, N. DUANE                      | 2,319,301 | THE GOODYEAR TIRE &<br>RUBBER COMPANY                                      | 2,314,017 |
| ROBERTS, KERRY L.                      | 2,282,854 | SMITH, PAUL MICHAEL                  | 2,313,929 | THE GOODYEAR TIRE &<br>RUBBER COMPANY                                      | 2,314,018 |
| ROBERTS, ROBERT S.                     | 2,282,854 | SMS DEMAG AG                         | 2,320,498 | THE GOODYEAR TIRE AND<br>RUBBER COMPANY                                    | 2,314,729 |
| ROESGEN, ALAIN EMILE<br>FRANCOIS       | 2,314,729 | SNOWBELL, MICHAEL<br>JOSHUA          | 2,282,999 | THE GOODYEAR TIRE AND<br>RUBBER COMPANY                                    | 2,319,284 |
| ROESNER, PAUL                          | 2,317,204 | SOCIETE DES PRODUITS<br>NESTLE S.A.  | 2,319,289 | THIELE, GEORG  | 2,319,284 |
| ROHM AND HAAS COMPANY                  | 2,317,977 | SOKOL, MICHAEL A.                    | 2,282,878 | THISE-FOURGON, MARIE-<br>RITA CATHERINE                                    | 2,314,729 |
| ROHM AND HAAS COMPANY                  | 2,318,633 | SOLDANSKI, HEINZ-DIETER              | 2,320,536 | AMELIE   | 2,314,729 |
| ROSATO, LEO                            | 2,320,508 | SOLDANSKI, HEINZ-DIETER              | 2,320,544 | THOMAS JOSEF HEIMBACH<br>GESELLSCHAFT MIT<br>BESCHRÄNKTER<br>HAFTUNG & CO. | 2,319,678 |
| ROSENBERG, ZEIL B.                     | 2,315,469 | SOLOVAY, KENNETH S.                  | 2,320,459 | TIEN LIN, YU MEI   | 2,283,553 |
| ROS-IKA ENTERPRISES INC.               | 2,320,508 | SOMERS, STEVEN D.                    | 2,298,743 | TIMS, JERRY L.   | 2,320,526 |
| ROTARY PRESS SYSTEMS<br>INC.           | 2,283,084 | SOMMER, RICHARD                      | 2,320,507 | TORISU, MAKOTO   | 2,320,457 |
| ROWTON, DANIEL E.                      | 2,319,869 | SONG, JUNG MIN                       | 2,320,506 | TOYOS, IVAN A.   | 2,320,459 |
| ROYAL GROUP<br>TECHNOLOGIES<br>LIMITED | 2,282,988 | SONG, JUNG MIN                       | 2,320,568 | TRANSTECHNOLOGY CORP.  | 2,316,609 |
| ROYAL GROUP<br>TECHNOLOGIES<br>LIMITED | 2,282,989 | SONG, KEMING                         | 2,318,730 | TREND PRODUCTS, INC.   | 2,291,972 |
| ROZ, THIERRY                           | 2,319,993 | SONY CORPORATION                     | 2,319,733 | TRUMPER, MICHAEL   | 2,317,388 |
| RUSSELL, PAUL ROBERT                   | 2,316,738 | SPACEBRIDGE NETWORKS<br>CORPORATION  | 2,283,417 | TRUTH HARDWARE<br>CORPORATION  | 2,320,608 |
| RYLES, CHRISTINE WATSON                | 2,317,311 | SPACEBRIDGE NETWORKS<br>CORPORATION  | 2,315,662 | TSUBAKIMOTO CHAIN CO.  | 2,316,039 |
| SAGE, BURTON H., JR.                   | 2,316,534 | SPENIK, JOHN W.                      | 2,302,127 | TSUZUKI, KENGO   | 2,311,211 |
| SAITO, KAZUO                           | 2,318,705 | SPORER, BERND                        | 2,309,372 | TUCKER, MICHAEL E.   | 2,319,614 |
| SAITO, TSUNETOSHI                      | 2,320,538 | SRIVASTAVA, ATUL KUMAR               | 2,319,906 | TYCO HEALTHCARE GROUP<br>LP  | 2,320,526 |
| SAITOU, MIKIO                          | 2,320,433 | STAHL, STEVE                         | 2,307,714 | UBOWSKI, RICHARD M.  | 2,318,671 |
| SASAKI, YUHI                           | 2,311,211 | STANFILL, RALPH<br>EVERETTE          | 2,313,351 | UNI-CHARM CORPORATION  | 2,318,718 |
| SAUVAGEAU, CHRISTINE                   | 2,282,884 | STANFILL, RALPH<br>EVERETTE          | 2,314,554 | UNI-CHARM CORPORATION  | 2,320,005 |
| SAUVAGEAU, CHRISTINE                   | 2,319,896 | STARVISION MULTIMEDIA<br>CORPORATION | 2,316,738 | UNI-HEARTOUS<br>CORPORATION  | 2,282,969 |
| SAWAMURA, KAZUTOMO                     | 2,320,003 | STENNING, DAVID G.                   | 2,283,007 | UNILEVER PLC   | 2,317,311 |
| SAXENA, NEERAJ                         | 2,320,013 | STENNING, DAVID G.                   | 2,283,008 | UNITTA COMPANY   | 2,282,970 |
| SAXTON, ROBERT L.                      | 2,320,396 | STEVENS, PAUL                        | 2,285,499 | UNKNOWN  | 2,283,374 |
| SCHAAP, HENK                           | 2,287,670 | STONEV, GARY V.                      | 2,285,536 | VACHA, KEITH   | 2,317,204 |
| SCHMIDT, JOSEPH H.                     | 2,317,625 | STROM, THOMAS DALE                   | 2,319,894 | VALLEY INDUSTRIES  | 2,320,409 |
| SCHWARTZ, CURTIS                       | 2,317,977 | SUFFOLETTA, DANIEL<br>GERARD         | 2,313,929 | VAN KESSEL, GORD   | 2,283,029 |
| SCOT YOUNG RESEARCH                    | 2,300,472 | SUGIURA SEISAKUSHO CO.<br>LTD.       | 2,320,457 | VAREL INTERNATIONAL<br>LIMITED   | 2,320,396 |
| SCOTT, GEORGE T.                       | 2,287,396 | SULLIVAN, WILLIAM                    | 2,315,310 | VASILAKOS, JOHN ANDREW   | 2,284,438 |
| SCOTT, GEORGE T.                       | 2,287,402 | SULZER INNOTECH AG                   | 2,317,170 | VASOGEN INC.   | 2,283,374 |
| SCOTT, GEORGE T.                       | 2,287,411 | SUMMA, GARETH D.                     | 2,319,301 | VEDDER, JOSHUA C.  | 2,287,396 |
| SCOTT, JEFFREY D.                      | 2,287,396 | SUN, YAN                             | 2,319,906 | VEDDER, JOSHUA C.  | 2,287,402 |
| SCOTT, JEFFREY D.                      | 2,287,402 | SUTTON, RICHARD C.                   | 2,319,987 | VEDDER, JOSHUA C.  | 2,287,411 |
| SCOTT, JEFFREY D.                      | 2,287,407 | SUZUKI, RYUJI                        | 2,320,457 | VERMOORTELE, FRANK   | 2,319,843 |
| SCOTT, JEFFREY D.                      | 2,287,411 | SWART, KYLE                          | 2,317,204 | VESCHI, JOHN P.  | 2,318,671 |
| SCOTT, JEFFREY D.                      | 2,287,414 | SWARTS, DALE F.                      | 2,318,650 | VISHNU CO., LTD.   | 2,282,954 |
| SEKORA, ROBERT                         | 2,317,388 | TAIHO INDUSTRIES CO.,<br>LTD.        | 2,305,485 | VODERMAYER, ALBERT<br>MARIA  | 2,317,170 |
| SELLS, ROY                             | 2,320,610 | TAJIMA, MINAKO                       | 2,319,967 | VOITH SULZER<br>PAPIERTECHNIK<br>PATENT GMBH                               | 2,320,504 |
| SENNHEISER ELECTRONIC<br>GMBH & CO. KG | 2,315,931 | TAKABOSHI, CHIEMI                    | 2,319,967 | VOLKMER, STEFANIE  | 2,317,391 |
| SHACHI, KENJI                          | 2,318,720 | TAKAHASHI, TOMOYA                    | 2,319,967 | WADA, ICHIRO   | 2,320,005 |
| SHAFFER, THOMAS J.                     | 2,319,950 | TAKAHASHI, TORU                      | 2,318,720 | WAEGERLE, WOLFGANG   | 2,320,570 |
| SHAW, JOEL D.                          | 2,320,028 | TAKAO KINZOKU KOGYO<br>CO., LTD.     | 2,290,173 | WAJGE, RAJESH MARUTI   | 2,320,013 |
| SHIMAKAWA, KAZUHIRO                    | 2,300,345 | TAKEDA, KENZO                        | 2,320,563 | WAKASHIRO, TERUO   | 2,320,003 |
| SHIMANOKAMI, YASUhide                  | 2,320,415 | TANGUAY, JEAN-FRANÇOIS               | 2,282,982 | WALKER, JULIET V.  | 2,319,968 |
| SHINOHARA, TOSHIKI                     | 2,311,211 | TAYLOR, GREGORY K.                   | 2,318,650 | WALKER, SHARON   | 2,284,226 |
| SHORT, GLENN D.                        | 2,320,546 | TECHNIP ITALY SPA                    | 2,292,242 | WALLER, MICHAEL  | 2,320,002 |
| SIDERCA S.A.I.C.                       | 2,316,142 | TECUMSEH PRODUCTS<br>COMPANY         | 2,317,157 | WALLER, MICHAEL  | 2,320,602 |
| SIEGMUND, HELMUT                       | 2,317,985 | TESCO GRIS GUN LTD.                  | 2,314,192 |  |           |
| SIKA AG                                | 2,317,170 |                                      |           |  |           |
| SINTHEsys S.R.L.                       | 2,319,943 |                                      |           |  |           |
| SITTELE TECHNOLOGIES<br>INC.           | 2,282,976 |                                      |           |  |           |
| SKALOSKY, TERENCE<br>MICHAEL           | 2,283,513 |                                      |           |  |           |



**Index of Canadian Laid-Open Applications  
March 18, 2001 - March 24, 2001**

|                                      |           |
|--------------------------------------|-----------|
| WALLER, MICHAEL                      | 2,320,603 |
| WALSH, THOMAS J.                     | 2,320,028 |
| WARD, MATTHEW                        | 2,320,002 |
| WARD, MATTHEW                        | 2,320,603 |
| WASSENBERG, LOREN                    | 2,317,204 |
| WEIBEL, HANS                         | 2,320,432 |
| WEIER, ANDREAS                       | 2,317,391 |
| WENDT, HEIKE                         | 2,320,536 |
| WENDT, HEIKE                         | 2,320,544 |
| WESTCOTT, TIMOTHY                    | 2,317,157 |
| WESTINGHOUSE AIR BRAKE<br>COMPANY    | 2,314,209 |
| WESTINGHOUSE AIR BRAKE<br>COMPANY    | 2,314,248 |
| WESTINGHOUSE AIR BRAKE<br>COMPANY    | 2,314,254 |
| WESTINGHOUSE AIR BRAKE<br>COMPANY    | 2,317,829 |
| WHEADON, NIGEL SPENCER               | 2,320,574 |
| WHEELER, ARTHUR LEE                  | 2,320,623 |
| WIBOWO, EKO ADI                      | 2,283,417 |
| WIBOWO, EKO ADI                      | 2,315,662 |
| WILLIAMS, CHAD F.                    | 2,320,620 |
| WILLIAMS, DAVID ROBERT               | 2,317,311 |
| WILSON, SUSAN ELIZABETH              | 2,316,738 |
| WING, GREGORY                        | 2,285,499 |
| WINKLER, SIEGBERT                    | 2,319,999 |
| WORDEN, BRET DWAYNE                  | 2,320,623 |
| WUNDERLICH, JOHN H.                  | 2,319,942 |
| YABE, YOKO                           | 2,318,718 |
| YAGINUMA, SACHIE                     | 2,318,720 |
| YAMADA, MASASHI                      | 2,319,882 |
| YAMADA, TOSHIAKI                     | 2,320,433 |
| YAMAHA HATSUDOKI<br>KABUSHIKI KAISHA | 2,320,433 |
| YASUMOTO, YOSHITAKA                  | 2,319,279 |
| YASUMURA, MASAYUKI                   | 2,319,733 |
| YENIAY, AYDIN                        | 2,319,280 |
| YOON, KYOUNG RO                      | 2,320,506 |
| YOON, KYOUNG RO                      | 2,320,510 |
| YOON, KYOUNG RO                      | 2,320,516 |
| YOSHIDA, YUTAKA                      | 2,316,039 |
| YOUNG, RONALD SCOT                   | 2,300,472 |
| ZAKHARIAN, SIMON                     | 2,320,529 |
| ZAYCHUK, KEVIN                       | 2,282,921 |
| ZEITER, PATRIK                       | 2,317,998 |
| ZIERER, JOSEPH J.                    | 2,319,295 |
| ZILS, FRANK                          | 2,319,678 |
| ZIMMERMAN, DONALD R.                 | 2,320,446 |
| ZSOLDOS, JEFFREY S.                  | 2,317,625 |
| ZUZARTE, CALISTO PAUL                | 2,283,052 |
| ZYLISS HAUSHALTWAREN<br>AG           | 2,320,432 |
| ZYLKA, RICHARD PATRICK               | 2,313,929 |

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

|   |           |                                   |           |   |           |
|---|-----------|-----------------------------------|-----------|---|-----------|
| "HOLDERBANK" FINANCIERE<br>GLARUS AG        | 2,334,277 | ADVANTA TECHNOLOGY<br>LIMITED     | 2,335,142 | ALUSUISSE TECHNOLOGY &<br>MANAGEMENT LTD.     | 2,334,853 |
| 3M INNOVATIVE PROPERTIES<br>COMPANY         | 2,333,753 | AFC TECHNOLOGIES INC.             | 2,334,890 | ALVES-FILHO, ODILIO                           | 2,333,995 |
| 3M INNOVATIVE PROPERTIES<br>COMPANY         | 2,334,361 | AFFHOLTER, JOSEPH A.              | 2,331,263 | ALVIS, CYNTHIA LEE                            | 2,334,031 |
| 3M INNOVATIVE PROPERTIES<br>COMPANY         | 2,334,806 | AFFHOLTER, JOSEPH A.              | 2,332,615 | ALVIS, CYNTHIA LEE                            | 2,334,801 |
| A+ SCIENCE INVEST AB                        | 2,333,306 | AFFYMETRIX, INC.                  | 2,333,916 | ALZA CORPORATION                              | 2,333,688 |
| AAGAARD, OLAV MARCUS                        | 2,335,063 | AGR SERVICES AS                   | 2,333,516 | AMA CONSULTING<br>ENGINEERS (QLD)<br>PTY.LTD. | 2,334,769 |
| ABB AB                                      | 2,334,939 | AGRAWAL, AVNEESH                  | 2,335,136 | AMALFITANO, CARLO                             | 2,333,729 |
| ABB AB                                      | 2,335,019 | AGRAWAL, SUDHIR                   | 2,334,707 | AMANO, KENITI                                 | 2,333,526 |
| ABB BODY IN WHITE                           | 2,334,988 | AHN, GOOK-JUN                     | 2,334,954 | AMAZON.COM, INC.                              | 2,334,792 |
| ABB CORPORATE RESEARCH<br>LTD.              | 2,334,824 | AHN, HYE A KYUNG                  | 2,332,126 | AMBERG, WILHELM                               | 2,332,641 |
| ABB OFFSHORE TECHNOLOGY<br>AS               | 2,334,913 | AHN, JAE-MIN                      | 2,334,898 | AMBERGEN, INC.                                | 2,333,987 |
| ABB POWER T & D COMPANY<br>INC.             | 2,333,684 | AILSA INVESTMENTS LIMITED         | 2,334,667 | AMBERTEC OY                                   | 2,334,878 |
| ABBOTT LABORATORIES                         | 2,333,770 | AINA, STEFANO                     | 2,334,542 | AMBROSI, HORST-DIETER                         | 2,334,730 |
| ABBOTT LABORATORIES                         | 2,333,913 | AJINOMOTO CO., INC.               | 2,334,476 | AMCOR PACKAGING<br>(AUSTRALIA) PTY LTD.       | 2,334,714 |
| ABBOTT LABORATORIES                         | 2,334,295 | AKAYAMA, ATSUO                    | 2,333,759 | AMEI TECHNOLOGIES INC.                        | 2,334,235 |
| ABBOTT LABORATORIES                         | 2,334,477 | AKERBLOM, INGRID E.               | 2,331,386 | AMERICAN BIO MEDICA<br>CORPORATION            | 2,334,802 |
| ABBOTT LABORATORIES                         | 2,335,120 | AKIYAMA, KAORI                    | 2,334,312 | AMERICAN CYANAMID<br>COMPANY                  | 2,334,478 |
| ABBOTT, NICHOLAS L.                         | 2,334,238 | AKLINE                            | 2,334,995 | AMERICAN HOME PRODUCTS<br>CORPORATION         | 2,334,254 |
| ABE, MASAYUKI                               | 2,334,352 | AKUTA, TERUO                      | 2,331,384 | AMERICAN METER COMPANY                        | 2,334,218 |
| ABELES, JOSEPH H.                           | 2,333,713 | AKZO NOBEL N.V.                   | 2,333,985 | AMERICAN SAFETY RAZOR<br>COMPANY              | 2,334,710 |
| ABRAHAM, GINGER A.                          | 2,334,228 | AKZO NOBEL N.V.                   | 2,334,863 | AMERSHAM PHARMACIA<br>BIOTECH AB              | 2,334,980 |
| ABRAHAM, GINGER A.                          | 2,334,364 | AKZO NOBEL N.V.                   | 2,335,325 | AMGEN INC.                                    | 2,333,964 |
| ABRAHAM, GINGER A.                          | 2,334,368 | ALBERS, MICHAEL D.                | 2,333,886 | AMGEN INC.                                    | 2,334,002 |
| ABRAHAM, GINGER A.                          | 2,334,435 | ALBERT, DANIEL A.                 | 2,333,726 | AMGEN, INC.                                   | 2,333,960 |
| ABRAM, ALBERT ZORKO                         | 2,333,869 | ALBERTSEN, MARC C.                | 2,336,207 | AMICK, TRUDE J.                               | 2,334,005 |
| ABRAMOVITCH, AHARON                         | 2,333,757 | ALCON LABORATORIES, INC.          | 2,334,224 | AMIN, MOHAMED R.                              | 2,334,255 |
| ABRAMS, ANDREW L.                           | 2,334,590 | ALCOR MEDICAL<br>INSTRUMENTS INC. | 2,333,757 | AMMA, HIROYUKI                                | 2,334,753 |
| ABUMRAD, NAJI M.                            | 2,334,761 | ALDRED, IAN RICHARD               | 2,334,822 | AMORY, MARC EMMANUEL                          | 2,334,150 |
| ACGT MEDICO, INC.                           | 2,334,217 | ALESTROM, PETER                   | 2,334,007 | AMULET TECHNOLOGIES, INC.                     | 2,334,233 |
| ACTIVE BIOTECH AB                           | 2,334,718 | ALEXANDER, ERIC                   | 2,334,842 | ANAGNOSTOPOULOS, P. A.                        | 2,334,633 |
| ADAC PLASTICS, INC.                         | 2,334,786 | ALEXI, TAJRENA                    | 2,334,528 | ANAGNOSTOPOULOS,<br>PANAGIOTIS                | 2,334,779 |
| ADAMS, BRIAN D.                             | 2,334,235 | ALHO-LEHTO, PIRJO                 | 2,334,451 | ANDERSCH, WOLFRAM                             | 2,334,618 |
| ADAMS, MICHAEL A.                           | 2,334,550 | ALI, YUSUF                        | 2,334,224 | ANDERSON, BARBARA ANN                         | 2,334,337 |
| ADAMS, RONALD D.                            | 2,333,690 | ALIG, BERND                       | 2,333,715 | ANDERSON, CHARLES L.                          | 2,334,689 |
| ADC TELECOMMUNICATIONS,<br>INC.             | 2,334,152 | ALLAN, GORDON MOORE               | 2,332,627 | ANDERSON, DAVID W.                            | 2,334,387 |
| ADCO PRODUCTS, INC.                         | 2,334,659 | ALLEN, JOHN THOMAS                | 2,335,319 | ANDERSON, MARK WILSON                         | 2,334,150 |
| ADHEREX TECHNOLOGIES,<br>INC.               | 2,333,928 | ALLEN, PATRICK ALLEN              | 2,335,334 | ANDERSON, TODD L.                             | 2,334,784 |
| ADMA S.R.L.                                 | 2,334,915 | ALLEN, PATRICK JAY                | 2,333,767 | ANDERSON, W. FRENCH                           | 2,333,855 |
| ADPROTECH LIMITED                           | 2,333,929 | ALLEN, PATRICK JAY                | 2,333,957 | ANDERSSON, BJORN                              | 2,334,939 |
| ADVANCED<br>CARDIOVASCULAR<br>SYSTEMS, INC. | 2,334,137 | ALLEN, PATRICK JAY                | 2,334,984 | ANDERSSON, KJELL                              | 2,333,938 |
| ADVANCED<br>CARDIOVASCULAR<br>SYSTEMS, INC. | 2,334,138 | ALLEN, SCOTT THOMAS               | 2,334,823 | ANDERSSON, KJELL                              | 2,334,107 |
| ADVANCED ELASTOMER<br>SYSTEMS, L.P.         | 2,334,533 | ALLGEIER, CLAUD                   | 2,334,879 | ANDERSSON, KJELL                              | 2,334,374 |
|   |           | ALLGON AB                         | 2,332,456 | ANDERSSON, LEIF G.                            | 2,335,019 |
|   |           | ALLGON AB                         | 2,332,463 | ANDO, HIDEHIRO                                | 2,333,954 |
|   |           | ALLIEDSIGNAL INC.                 | 2,334,009 | ANDRE, PATRICE                                | 2,334,990 |
|   |           | ALLIEDSIGNAL INC.                 | 2,334,384 | ANDRES, THOMAS J.                             | 2,334,167 |
|   |           | ALLIEDSIGNAL INC.                 | 2,334,868 | ANGADJIVAND, SEYED A.                         | 2,334,806 |
|   |           | ALLRED, CAROLYN C.                | 2,331,327 |   |           |
|   |           | ALPEROVICH, VLADIMIR              | 2,333,724 |   |           |
|   |           | ALSTOM HOLDINGS                   | 2,334,991 |   |           |
|   |           | ALSTON, DAVID                     | 2,334,203 |   |           |
|   |           | ALTHERR, MARCEL                   | 2,334,866 |   |           |
|   |           | ALUMINIUM PECHINEY                | 2,334,092 |   |           |
|   |           | ALUMINIUM PECHINEY                | 2,334,851 |   |           |
|   |           | ALUMINIUM PECHINEY                | 2,334,994 |   |           |

## Index of PCT Applications Entering the National Phase

|                                 |           |   |           |                              |           |
|---------------------------------|-----------|---|-----------|------------------------------|-----------|
| ANGELIDIS, JEAN                 | 2,334,772 | ATOFINA                                       | 2,334,096 | BANWELL, MARTIN              |           |
| ANGENENT, GERRIT CORNELIS       | 2,333,897 | AUDIA, JAMES EDMUND                           | 2,335,336 | GERHARDT                     | 2,334,322 |
| ANGLADE, JEAN-YVES              | 2,334,847 | AUDIBERT-HAYET, ANNIE                         | 2,334,992 | BARANIECKI, MARION           | 2,332,596 |
| ANKERSEN, MICHAEL               | 2,334,315 | AUDONNET, JEAN-CHRISTOPHE FRANCIS             | 2,332,627 | BARBAS, CARLOS F., III       | 2,334,745 |
| ANSALDI, DEBORAH                | 2,333,747 | AUGENBRAUN, JOSEPH ELLIS                      | 2,334,943 | BARBEE, ROBERT B.            | 2,334,464 |
| ANSARI, SHAMIM ALAM             | 2,333,736 | AUGUSTINE MEDICAL, INC.                       | 2,334,231 | BARBEE, ROBERT B.            | 2,334,828 |
| ANSELMANN, WOLFGANG             | 2,334,328 | AUGUSTINE, SCOTT D.                           | 2,334,231 | BARBERICH, TIMOTHY J.        | 2,334,369 |
| ANTALIS, TONI MARIE             | 2,333,853 | AULER, THOMAS                                 | 2,335,327 | BARCLAY, IAN J.              | 2,334,507 |
| ANTONIOU, MICHAEL               | 2,333,852 | AU-YOUNG, JANICE                              | 2,331,386 | BARKER, RONALD               | 2,335,182 |
| ANZENBACHER, PAVEL              | 2,334,809 | AVANEX CORPORATION                            | 2,333,532 | BARKOCZY, JOZSEF             | 2,334,220 |
| AOKI, HIROMICHI                 | 2,333,746 | AVENTIS CROPSCIENCE GMBH                      | 2,335,327 | BARKOU, STIG EIGIL           | 2,334,510 |
| AOUAD, YOUSEF                   | 2,334,031 | AVENTIS PHARMA                                |           | BARLOZZARI, TERESA           | 2,332,641 |
| AOUAD, YOUSEF                   | 2,334,801 | DEUTSCHLAND GMBH                              | 2,333,912 | BARONE, GIANNI               | 2,332,463 |
| APELQVIST, THERESA              | 2,334,116 | AVENTIS PHARMA                                |           | BAROZZI, GIANPAOLO           | 2,334,542 |
| APPS, WILLIAM P.                | 2,334,326 | DEUTSCHLAND GMBH                              | 2,334,773 | BARR, STUART                 | 2,332,586 |
| ARAEEN, RASHEED                 | 2,334,876 | AVENTIS PHARMA                                |           | BARRAZA, THOMAS F.           | 2,334,219 |
| ARAKAWA CHEMICAL                |           | DEUTSCHLAND GMBH                              | 2,334,775 | BARRY, DAVID                 | 2,334,768 |
| INDUSTRIES, LTD.                | 2,334,540 | AVENTIS PHARMACEUTICALS                       |           | BARRY, DAVID ROBERT          | 2,335,061 |
| ARAO, HIDEKI                    | 2,334,724 | PRODUCTS INC.                                 | 2,333,994 | BARSOTTI, NATHALIE           | 2,334,847 |
| ARCH DEVELOPMENT                |           | AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG | 2,333,895 | BARSUKOV, YEVGEN             | 2,334,404 |
| CORPORATION                     | 2,334,227 | AVERY DENNISON CORPORATION                    | 2,334,034 | BARTH, STEVEN A.             | 2,334,603 |
| ARCH DEVELOPMENT                |           | AVERY DENNISON CORPORATION                    | 2,334,406 | BARTLEY, GARY S.             | 2,333,668 |
| CORPORATION                     | 2,335,038 | AVID TECHNOLOGY, INC.                         | 2,334,283 | BARTLEY, GARY S.             | 2,333,669 |
| ARENDSSEN, DAVID L.             | 2,333,770 | AWASTHI, ALOK K.                              | 2,333,691 | BARTON, JEFFREY N.           | 2,333,994 |
| ARETÉ ASSOCIATES                | 2,333,378 | AXIVA GMBH                                    | 2,334,023 | BARTSCHERER, JOSEF           | 2,334,934 |
| ARGILLIER, JEAN-FRANCOIS        | 2,334,992 | AXIVA GMBH                                    | 2,334,105 | BASELL TECHNOLOGY            |           |
| ARIMOTO, SHINJI                 | 2,334,377 | AYER, ATUL D.                                 | 2,333,688 | COMPANY B.V.                 | 2,334,743 |
| ARIMURA, AKINORI                | 2,333,868 | AZIMZAI, YALDA                                | 2,332,307 | BASELL TECHNOLOGY            |           |
| ARMSTRONG, JOSEPH ROBERT        | 2,335,130 | AZUMA, HIDEOTO                                | 2,334,003 | COMPANY B.V.                 | 2,334,893 |
| ARNOLD, MICHAEL                 | 2,334,373 | AZUR ENVIRONMENTAL LIMITED                    | 2,333,677 | BASELL TECHNOLOGY            |           |
| ARNOUX, LOUIS AUGUSTE           | 2,333,885 | AZZOLINA, BARBARA                             | 2,333,667 | COMPANY B.V.                 | 2,334,799 |
| ARRAY DISPLAY AB                | 2,332,449 | BAB, ITAI                                     | 2,334,391 | COMPANY B.V.                 | 2,334,893 |
| ARTAVANIS-TSAKONAS, SPYRIDON    | 2,333,893 | BACHRACH, NATHANIEL M.                        | 2,334,364 | BASF AKTIENGESELLSCHAFT      | 2,332,584 |
| ARUNASALAM, VELAUTHA-CUMARAN    | 2,335,178 | BACKSTROM, REIJO                              | 2,334,864 | BASF AKTIENGESELLSCHAFT      | 2,332,641 |
| ASAHI GLASS COMPANY LTD.        | 2,334,518 | BADAoui, SALOUA                               | 2,330,210 | BASF AKTIENGESELLSCHAFT      | 2,333,888 |
| ASAHI KASEI KOGYO               |           | BADYAL, JAS PAL SINGH                         | 2,334,631 | BASF AKTIENGESELLSCHAFT      | 2,334,151 |
| KABUSHIKI KAISHA                | 2,334,120 | BAE, JAE-SOON                                 | 2,333,731 | BASF AKTIENGESELLSCHAFT      | 2,334,328 |
| ASAHI KASEI KOGYO               |           | BAE, SANG-MIN                                 | 2,334,358 | BASF AKTIENGESELLSCHAFT      | 2,334,467 |
| KABUSHIKI KAISHA                | 2,334,952 | BAE, YOUNG L.                                 | 2,334,705 | BASF AKTIENGESELLSCHAFT      | 2,334,955 |
| ASINA, SHIRIN                   | 2,334,483 | BAER, SAMUEL C.                               | 2,334,346 | BASF AKTIENGESELLSCHAFT      | 2,335,068 |
| ASMUS, ROBERT A.                | 2,333,753 | BAER, SAMUEL C.                               | 2,334,348 | BASF AKTIENGESELLSCHAFT      | 2,331,263 |
| ASPECT MEDICAL SYSTEMS, INC.    | 2,334,535 | BAER, SAMUEL C.                               | 2,334,351 | BASTEN, JOHANNES             |           |
| ASTA MEDICA                     |           | BAHL, VIRENDRA KUMAR                          | 2,334,324 | EGBERTUS MARIA               | 2,334,863 |
| AKTIENGESELLSCHAFT              | 2,333,682 | BAKER HUGHES INCORPORATED                     | 2,333,939 | BASTIOLI, CATIA              | 2,334,336 |
| ASTARTE FIBER NETWORKS, INC.    | 2,334,279 | BAKER, STEVE                                  | 2,334,978 | BATEMAN, PAUL NORTH          | 2,333,900 |
| ASTRA PHARMACEUTICALS PTY. LTD. | 2,334,104 | BAKKER HOLDING SON B.V.                       | 2,334,101 | BATES, ELIZABETH ESTHER MARY | 2,332,573 |
| ASTRAZENECA AB                  | 2,330,246 | BAKKER, GERARDUS HENRICUS                     | 2,334,101 | BATTELLE MEMORIAL INSTITUTE  | 2,334,628 |
| ASTRAZENECA AB                  | 2,333,938 | BAKSHI, RAMAN K.                              | 2,334,551 | BAUER, MARK DONALD           | 2,332,564 |
| ASTRAZENECA AB                  | 2,334,107 | BALACHANDRAN, SHRIDHARAN                      | 2,334,697 | BAUGHN, MARIAH R.            | 2,331,380 |
| ASTRAZENECA AB                  | 2,334,374 | BALAZS, LASZLO                                | 2,334,220 | BAUGHN, MARIAH R.            | 2,331,386 |
| ASTRAZENECA AB                  | 2,334,411 | BALBONTIN, GIULIO                             | 2,334,743 | BAUGHN, MARIAH R.            | 2,332,307 |
| ASTRAZENECA AB                  | 2,334,515 | BALGANESH, TANJORE                            | 2,330,246 | BAUSCH & LOMB INCORPORATED   | 2,333,978 |
| ASTRAZENECA AB                  | 2,334,950 | BALTZER, LARS                                 | 2,333,306 | BAYER                        |           |
| AT&T CORP.                      | 2,335,001 | BAN, AMIR                                     | 2,334,113 | AKTIENGESELLSCHAFT           | 2,332,723 |
| AT&T CORP.                      | 2,335,003 | BANDMAN, OLGA                                 | 2,330,542 | BAYER                        |           |
| AT&T CORP.                      | 2,335,005 | BANDMAN, OLGA                                 | 2,331,380 | AKTIENGESELLSCHAFT           | 2,333,715 |
| AT&T CORP.                      | 2,335,006 | BANDMAN, OLGA                                 | 2,331,386 | BAYER                        |           |
| AT&T CORP.                      | 2,335,008 | BANERJEE, BHASKAR                             | 2,335,246 | AKTIENGESELLSCHAFT           | 2,333,955 |
| ATLANTIC RESEARCH CORPORATION   | 2,333,942 | BANIK, ROBERT                                 | 2,334,758 | BAYER                        |           |
| ATLANTIC RICHFIELD COMPANY      | 2,333,739 | BANK, GRAHAM                                  | 2,334,239 | AKTIENGESELLSCHAFT           | 2,334,618 |
| ATOFINA                         | 2,334,093 |   |           | BAYER ANTWERPEN N.V.         | 2,334,027 |
|                                 |           |   |           | BAYER ANTWERPEN N.V.         | 2,334,194 |
|                                 |           |   |           | BAYER CORPORATION            | 2,334,998 |
|                                 |           |   |           | BAYER, CHRISTIAN             | 2,334,593 |
|                                 |           |   |           | BAYLOR COLLEGE OF MEDICINE   | 2,334,940 |
|                                 |           |   |           | BAZAN, JOSE FERNANDO         | 2,332,573 |
|                                 |           |   |           | BBL DOWNHOLE TOOLS LTD.      | 2,334,741 |

## Index des demandes PCT entrant en phase nationale

|  |           |  |           |   |           |
|--|-----------|--|-----------|---|-----------|
| BEATCH, GREGORY N.                         | 2,334,454 | BIOTECH AUSTRALIA PTY. LIMITED                   | 2,334,598 | BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC. | 2,331,921 |
| BEATTEY, JEFFREY N.                        | 2,334,394 | BIRCH, ALAN MARTIN                               | 2,333,756 | BOYD, STEVEN A.                                   | 2,333,770 |
| BEAULIEU, DANIEL                           | 2,334,001 | BISBEE, STEPHEN F.                               | 2,334,804 | BOYER, STANTON LANE                               | 2,330,394 |
| BEAUMIN, ALAIN                             | 2,334,854 | BISCHOFF, ERIC D.                                | 2,334,545 | BRACA, GIANCARLO                                  | 2,334,893 |
| BEAVIS, RONALD                             | 2,331,888 | BISGARD-FRANTZEN, HENRIK                         | 2,332,697 | BRADSHAW, ANTHONY J.                              | 2,334,138 |
| BECKER, MICHAEL R.                         | 2,333,994 | BJARKLEV, ANDERS OVERGAARD                       | 2,334,510 | BRADSHAW, FRANKLIN C.                             | 2,335,316 |
| BECKETT, RAYMOND PAUL                      | 2,332,713 | BJORK, ANDERS                                    | 2,334,718 | BRADY, JERRY                                      | 2,333,739 |
| BEERS, KARL S.                             | 2,334,689 | BKI HOLDING CORPORATION                          | 2,334,343 | BRAEUNING, JOHANNES                               | 2,333,678 |
| BEHAL, ROBERT                              | 2,331,327 | BKI HOLDING CORPORATION                          | 2,334,346 | BRANCH, CLIVE LESLIE                              | 2,334,814 |
| BELL, DORIS                                | 2,333,982 | BKI HOLDING CORPORATION                          | 2,334,348 | BRANDENBURG, DIETRICH                             | 2,334,859 |
| BELL, IAN ALEXANDER WESTON                 | 2,335,178 | BKI HOLDING CORPORATION                          | 2,334,351 | BRANDY, GILBERT                                   | 2,334,725 |
| BELLEMORE, DAVID                           | 2,334,281 | BLAINE, APRIL                                    | 2,334,307 | BRASSARD, ROLAND P.                               | 2,334,998 |
| BELLOTTI, VITTORIO                         | 2,334,336 | BLASCHUK, OREST W.                               | 2,333,928 | BRATZ, MATTHIAS                                   | 2,334,467 |
| BELMONT, KIRK E.                           | 2,334,507 | BLASETTI, LOU                                    | 2,334,887 | BRAVERMAN, ANDREW                                 | 2,334,680 |
| BENCISITS, FRANZ                           | 2,334,523 | BLEY, ULRICH                                     | 2,333,522 | BREDE, UWE  | 2,333,522 |
| BENDITT, DAVID                             | 2,334,723 | BLYTH, JEFFREY                                   | 2,333,670 | BRESLER, ROBERT G.                                | 2,334,912 |
| BENESH, YOEL                               | 2,334,949 | BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM | 2,332,634 | BREVAGLIERI, BRUNO                                | 2,334,596 |
| BEN-GURION UNIVERSITY OF THE NEGEV         | 2,334,996 | BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM | 2,334,809 | BREVIK, ARNT FRODE                                | 2,334,913 |
| BEN-HADOR, DAVID                           | 2,334,539 | BOARDWALK LTD.                                   | 2,334,880 | BREWER, LAURIE A.                                 | 2,333,917 |
| BENHEIM, DAVID ANDRE                       | 2,334,871 | BOBROW, MARK NORMAN                              | 2,334,010 | BREWER, STUART ANSON                              | 2,334,631 |
| BENNER, JOACHIM                            | 2,334,866 | BOBST GROUP, INC.                                | 2,333,639 | BRIDDELL, BRIAN J.                                | 2,334,659 |
| BENNIE, BRENDA FRANCES                     | 2,333,894 | BOCAN, THOMAS MICHAEL ANDREW                     | 2,335,062 | BRIDGES, RUSSELL PEARCE                           | 2,335,176 |
| BENZ, CHRISTOPHER C.                       | 2,331,266 | BOEHRINGER INGELHEIM PHARMA KG                   | 2,333,689 | BRIGHT, JEREMY RICHARD                            | 2,333,929 |
| BERA, TAPAN K.                             | 2,334,745 | BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.       | 2,335,065 | BRIGNAC, GARLAND BARRY                            | 2,334,883 |
| BERGER, EDWARD A.                          | 2,334,745 | BOGAERT, THIERRY                                 | 2,332,619 | BRINGSVOR, ARSTEIN                                | 2,333,892 |
| BERGER, STEPHEN                            | 2,333,305 | BOHANNAN, RICHARD                                | 2,332,456 | BRISCOE, ROBERT JOHN                              | 2,333,712 |
| BERGHAUS, RAINER                           | 2,334,467 | BOHANNAN, RICHARD                                | 2,332,463 | BRISTOL-MYERS SQUIBB COMPANY                      | 2,333,997 |
| BERGLUND, ROLF                             | 2,334,980 | BOHLMANN, ROLF                                   | 2,334,780 | BRISTOL-MYERS SQUIBB COMPANY                      | 2,334,299 |
| BERGSTROM, JAN                             | 2,334,980 | BOIJE, MARIA                                     | 2,334,374 | BRISTOL-MYERS SQUIBB COMPANY                      | 2,334,514 |
| BERKEY, GEORGE E.                          | 2,335,131 | BOISRAYON, MICHEL                                | 2,334,847 | BRISTOL-MYERS SQUIBB COMPANY                      | 2,334,970 |
| BERNARDON, JEAN-MICHEL                     | 2,334,843 | BOLDUC, LOUIS P.                                 | 2,334,009 | BRITISH BIOTECH PHARMACEUTICALS LIMITED           | 2,332,713 |
| BERSCHEL, GUNTER                           | 2,335,048 | BOMBARDELLI, EZIO                                | 2,334,308 | BRITISH SKY BROADCASTING LIMITED                  | 2,334,790 |
| BERTHOLET, RAYMOND                         | 2,335,070 | BOMBARDELLI, EZIO                                | 2,334,625 | BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY | 2,333,712 |
| BERTLING, WOLF                             | 2,334,891 | BOND, JAMES DUKE                                 | 2,334,405 | BROENG, JES                                       | 2,334,510 |
| BETH ISRAEL DEACONESS MEDICAL CENTER, INC. | 2,335,038 | BONDARENKO, OLEG                                 | 2,334,513 | BROOKE, CATHERINE D.                              | 2,336,207 |
| BETTIOL, JEAN-LUC PHILIPPE                 | 2,330,394 | BONSALL, SAMUEL B., III                          | 2,334,468 | BROOKS, DAVID L.                                  | 2,333,518 |
| BEUDEKER, ROBERT FRANCISCUS                | 2,334,720 | BONSE, MATHIAS                                   | 2,334,862 | BROSSNER, DAGMAR                                  | 2,334,730 |
| BEYDA, WILLIAM J.                          | 2,333,304 | BOOKHAM TECHNOLOGY PLC                           | 2,334,756 | BROUGHTON, HOWARD BARFF                           | 2,334,817 |
| BG TRANSCO PLC                             | 2,334,275 | BOREALIS TECHNOLOGY OY                           | 2,334,789 | BROUGHTON, HOWARD BARFF                           | 2,334,836 |
| BHATIA, PRAMILA                            | 2,333,770 | BORNER, ARMIN                                    | 2,333,888 | BROUILLET, SYLVAIN                                | 2,333,991 |
| BHATIA, RAJKUMAR                           | 2,334,224 | BOSE, ARANI                                      | 2,334,223 | BROWN, BRIAN J.                                   | 2,335,010 |
| BHP STEEL (JLA) PTY LTD.                   | 2,335,314 | BOSLEY, ROBERT W.                                | 2,335,030 | BROWN, TREVOR OWEN                                | 2,334,793 |
| BID CATCHER, LP                            | 2,333,519 | BOSSO, VALERIE                                   | 2,334,985 | BROWN, TRUMAN R.                                  | 2,334,709 |
| BIEN, DENISE JEAN                          | 2,334,031 | BOSTON SCIENTIFIC CORPORATION                    | 2,333,690 | BROZEK, THOMAS ALLEN                              | 2,333,581 |
| BIEN, DENISE JEAN                          | 2,334,801 | BOSTON SCIENTIFIC LIMITED                        | 2,335,010 | BROZZO, RENZO                                     | 2,335,636 |
| BIERINGER, HERMANN                         | 2,335,327 | BOTEV, ROUMEN G.                                 | 2,335,313 | BRUCK, ANTJE                                      | 2,333,955 |
| BIGOT, ANTONY                              | 2,334,342 | BOTTOMLEY, GREG                                  | 2,333,723 | BRUDERER, OTTO                                    | 2,334,880 |
| BIHR, ERIC                                 | 2,334,090 | BOTTOS, RICHARD D.                               | 2,333,948 | BRUES, MICHAEL                                    | 2,333,741 |
| BIJLEVELD, AARNOUD FREDERIC                | 2,334,106 | BOUCHE, TIMOTHY J.                               | 2,333,728 | BRUHL, TIMOTHY G.                                 | 2,334,599 |
| BIJLEVELD, AARNOUD FREDERIC                | 2,334,470 | BOUCHER, D. SCOTT                                | 2,334,201 | BRUNGARDT, CLEMENT L.                             | 2,334,178 |
| BINARY ELECTRONICS LIMITED                 | 2,333,531 | BOUCHER, D. SCOTT                                | 2,334,407 | BRUNIUS, ROBERT E.                                | 2,333,763 |
| BINDER, CHRISTOPHER JAMES                  | 2,333,894 | BOUCHER, JOE                                     | 2,334,213 | BTG INTERNATIONAL LIMITED                         | 2,334,797 |
| BINDRA, AMRIT PAL                          | 2,334,512 | BOUSQUET, ANDRE                                  | 2,334,870 | BUCHER-GUYER AG                                   | 2,333,984 |
| BIOAGRI AB                                 | 2,334,109 | BOUSQUET, THIERRY                                | 2,332,456 | BUCK, HARVEY B., JR.                              | 2,333,686 |
| BIOENERGY INC.                             | 2,334,415 | BOUTEILLE, HENRI                                 | 2,334,997 | BUCK, HARVEY B., JR.                              | 2,333,732 |
| BIOGEMMA UK LIMITED                        | 2,331,884 | BOUTEVIN, BERNARD                                | 2,334,091 | BUCK, HARVEY B., JR.                              | 2,333,875 |
| BIOLINK TECHNOLOGIES AG                    | 2,334,523 | BOUTILLIER, JEAN-MARC                            | 2,334,096 | BUCKER, ROBERTO                                   | 2,334,440 |
| BIOMERIEUX                                 | 2,334,990 | BOWMAN, DWAYNE E.                                | 2,334,792 | BUDESHEIM, ARMIN                                  | 2,334,023 |
| BIONEBRASKA, INC.                          | 2,334,872 | BOWMAN, STEVEN R.                                | 2,335,121 |   |           |
| BIOSTAR, INC.                              | 2,334,584 |  |           |   |           |
| BIOSYN ARZNEIMITTEL GMBH                   | 2,334,527 |  |           |   |           |

## Index of PCT Applications Entering the National Phase

|                         |           |                           |           |                          |           |
|-------------------------|-----------|---------------------------|-----------|--------------------------|-----------|
| BUDESHEIM, ARMIN        | 2,334,105 | CARDEMON, RICHARD A.      | 2,334,719 | CHEN, ROBERT H.          | 2,333,951 |
| BUDIANSKY, NOAH D.      | 2,335,056 | CARDEON CORPORATION       | 2,334,978 | CHEN, THOMAS M.          | 2,334,247 |
| BUECHE, KENNETH M.      | 2,334,137 | CARDIAC PACEMAKERS, INC.  | 2,334,819 | CHEN, XUEMIN             | 2,334,785 |
| BUECHE, KENNETH M.      | 2,334,138 | CAREW, DAVID LEE          | 2,334,714 | CHEN, YOU-LUNG           | 2,334,635 |
| BUES, GERHARD F.        | 2,333,690 | CARLING, WILLIAM ROBERT   | 2,335,328 | CHEN, ZHENG              | 2,334,237 |
| BUHLER, JAMES E.        | 2,334,793 | CARLSON, J. MARTIN        | 2,335,066 | CHENG, KUO JOAN          | 2,331,392 |
| BUIJSMAN, ROGIER        |           | CARLSSON, JOHAN           | 2,334,287 | CHENG, SENG H.           | 2,334,805 |
| CHRISTIAN               | 2,334,863 | CARLTON, JOHN D.          | 2,334,838 | CHERIF-CHEIKH, ROLAND    | 2,334,095 |
| BULKO, JOHN B.          | 2,334,018 | CARR, ROBERT M., JR.      | 2,334,228 | CHESSER, LYNDA ELIZABETH | 2,333,581 |
| BULKO, JOHN B.          | 2,334,190 | CARR, ROBERT M., JR.      | 2,334,368 | CHESTER, ARTHUR WARREN   | 2,333,986 |
| BULL, SALLY J.          | 2,334,526 | CARRIAZO, CESAR C.        | 2,335,040 | CHEVREFILS, ANDRE        | 2,333,936 |
| BUNKERS, JOSEPH         | 2,334,356 | CARTER-WALLACE, INC.      | 2,334,311 | CHEVRON PHILLIPS         |           |
| BUNT, CRAIG ROBERT      | 2,334,296 | CARVALHO, JOAN            | 2,334,809 | CHEMICAL COMPANY LP      | 2,335,032 |
| BURCHELL, TIMOTHY D.    | 2,334,583 | CARVER, JEREMY            | 2,334,338 | CHEYNE, IAN              | 2,334,494 |
| BURFORD CORP.           | 2,333,754 | CASLINI, DANILLO          | 2,334,457 | CHIA, TECK KHAM          |           |
| BURGGRAAF, SHANE        | 2,334,296 | CASPARY, GLEN A.          | 2,335,120 | CHRISTOPHER              | 2,334,488 |
| BURLEW, JOAN VIRGINIA   | 2,334,384 | CASSELMAN, NANCY L.       | 2,334,907 | CHIAPHUA INDUSTRIES      |           |
| BURNS, PETER            | 2,334,318 | CASTELHANO, ARLINDO L.    | 2,334,200 | LIMITED                  | 2,334,381 |
| BURROWS, KENNETH        | 2,334,620 | CASTERLIN, DOUGLAS        | 2,334,802 | CHIGNON, JEAN-JACQUES    | 2,334,860 |
| BURTON, HAROLD R.       | 2,334,186 | CASTLE, LINDA A.          | 2,331,263 | CHILDERS, DAVID A.       | 2,334,760 |
| BUSAM, LUDWIG           | 2,333,718 | CASTLE, NEIL ALEXANDER    | 2,334,258 | CHILDERS, WAYNE EVERETT  | 2,334,254 |
| BUSCH, ALFRED           | 2,330,394 | CASTRO PINEIRO, JOSE LUIS | 2,334,817 | CHILESE, FRANCIS C.      | 2,334,388 |
| BUTCHER, KATE ELIZABETH | 2,332,709 | CASTRO PINEIRO, JOSE LUIS | 2,334,836 | CHIRON CORPORATION       | 2,332,455 |
| BUTLER, BRIAN K.        | 2,335,136 | CASTRO PINEIRO, JOSE LUIS | 2,335,328 | CHIU, TAIWOO             | 2,332,721 |
| BUTLER, MARK            | 2,334,936 | CASTRO, BERTRAND          | 2,334,870 | CHO, EUI-HWAN            | 2,334,317 |
| BUTLER, RAY K.          | 2,334,243 | CATALYTIC DISTILLATION    |           | CHO, JONG-KI             | 2,334,382 |
| BUTTERLY, PAUL G.       | 2,333,943 | TECHNOLOGIES              | 2,334,569 | CHO, JONG-KI             | 2,334,953 |
| BYE, RICHARD L., JR.    | 2,334,662 | CAUDURO, ARMANDO          | 2,334,292 | CHO, JONG-KI             | 2,334,954 |
| BYRNE, DAVID            | 2,334,537 | CAVAZZA, CLAUDIO          | 2,334,858 | CHO, MI-YOUNG            | 2,334,358 |
| BYRNE, DAVID            | 2,334,974 | CAVAZZA, CLAUDIO          | 2,334,875 | CHOI, LEWIS S. L.        | 2,334,454 |
| BYRNE, DAVID            | 2,334,975 | CAVAZZA, CLAUDIO          | 2,335,015 | CHOI, YUN-HEE            | 2,334,953 |
| BYRNE, MARIA            | 2,334,872 | CAWTHERN, KEVIN M.        | 2,333,890 | CHOI-SLEDESKI, YONG MI   | 2,333,994 |
| BYRNE, NICHOLAS GERARD  | 2,334,770 | CAWVEY, JAMES             | 2,333,739 | CHOMEI, NOBUO            | 2,333,515 |
| BYSTROM, MATTIAS        | 2,332,449 | C-CHEM AG                 | 2,334,730 | CHOW, MARLAND            | 2,334,911 |
| C & C RESEARCH          |           | CD-CASH (USA), L.L.C.     | 2,333,733 | CHRAMENKOV, STANISLAV    |           |
| LABORATORIES            | 2,334,634 | CECCHINI, MICHELE         | 2,334,596 | VLADIMIROVITCH           | 2,334,934 |
| C.A.S. LOCKS, S.L.      | 2,335,139 | CENES LIMITED             | 2,334,770 | CHRIST, WILHELM W.       | 2,332,717 |
| CABELL, DAVID WILLIAM   | 2,334,163 | CENTAUR                   |           | CHRISTIAN, STEVEN L.     | 2,335,040 |
| CABIRI, OZ              | 2,334,174 | PHARMACEUTICALS, INC.     | 2,332,462 | CHRISTMANN, THOMAS       | 2,333,659 |
| CABOT CORPORATION       | 2,334,024 | CENTRAL RESEARCH          |           | CHRISTOPHER, CAROL A.    | 2,333,688 |
| CABOT CORPORATION       | 2,334,624 | LABORATORIES LIMITED      | 2,333,740 | CHRISTOPOULOS, CHARILAOS | 2,335,022 |
| CABOT MICROELECTRONICS  |           | CENTRE NATIONAL DE LA     |           | CHUGAI SEIYAKU KABUSHIKI |           |
| CORPORATION             | 2,335,033 | RECHERCHE                 |           | KAISHA                   | 2,331,917 |
| CABOT MICROELECTRONICS  |           | SCIENTIFIQUE              | 2,332,612 | CHUGAI SEIYAKU KABUSHIKI |           |
| CORPORATION             | 2,335,034 | CENTRE NATIONAL DE LA     |           | KAISHA                   | 2,331,920 |
| CACERES, EDWARD R.      | 2,334,219 | RECHERCHE                 |           | CHUN, BYONG-WA           | 2,335,056 |
| CADUS PHARMACEUTICAL    |           | SCIENTIFIQUE              | 2,333,919 | CHUNG, JOO YOUNG         | 2,332,126 |
| CORPORATION             | 2,334,200 | CEPHALON, INC.            | 2,334,189 | CHUNG, SUN-GAN           | 2,334,317 |
| CAE SCREENPLATES INC.   | 2,334,572 | CERWALL, PATRIK           | 2,334,195 | CHUPA, JANINE            | 2,333,906 |
| CALFEE, RICHARD V.      | 2,334,137 | CHAMBERS, JEFFREY ALLEN   | 2,334,440 | CIBA SPECIALTY CHEMICALS |           |
| CALGENE LLC             | 2,333,308 | CHAMBERS, JEFFREY ALLEN   | 2,334,548 | HOLDING INC.             | 2,334,341 |
| CALIFORNIA INSTITUTE OF |           | CHAN, ERIC                | 2,334,402 | CIDRA CORPORATION        | 2,334,281 |
| TECHNOLOGY              | 2,335,181 | CHAN, MICHAEL YUWAH       | 2,335,122 | CIK, MIROSLAV            | 2,333,910 |
| CALL, CHARLES J.        | 2,334,628 | CHAN, TING-LI             | 2,335,312 | CINELLI, FABIO           | 2,334,826 |
| CAMBRIDGE UNIVERSITY    |           | CHAN, WAI-YEE             | 2,335,007 | CIPKOWSKI, STAN          | 2,334,802 |
| TECHNICAL SERVICES      |           | CHANDEZON, PIERRE         | 2,334,099 | CLARIANT FINANCE (BVI)   |           |
| LIMITED                 | 2,333,670 | CHANDLER, BRIAN BURNETT   | 2,334,839 | LIMITED                  | 2,335,050 |
| CAMBRIDGE UNIVERSITY    |           | CHANDLER, ROY L.          | 2,334,334 | CLARION                  |           |
| TECHNICAL SERVICES      |           | CHANG, CHUAN-HSIUNG       | 2,331,266 | PHARMACEUTICALS, INC.    | 2,334,313 |
| LIMITED                 | 2,334,237 | CHANG, GWONG-JEN J.       | 2,331,368 | CLARITY, LLC             | 2,334,861 |
| CAMELOT TECHNOLOGIES    |           | CHANG, WOO IK             | 2,332,126 | CLARK, DAVID L.          | 2,333,707 |
| LIMITED                 | 2,334,494 | CHAO, YESU                | 2,331,266 | CLARK, ROSS              | 2,334,635 |
| CAMERON, ALLAN B.       | 2,334,203 | CHAPMAN, FRANCIS STANLEY  | 2,334,030 | CLARK, THOMAS            | 2,334,397 |
| CAMISA, RAYMOND L.      | 2,333,713 | CHARAIS, JOHN R.          | 2,333,763 | CLEMENTS, JOHN MARTIN    | 2,332,713 |
| CAMPOS, MICHAEL         | 2,334,172 | CHARI, SURESH N.          | 2,333,663 | CLEVERLEY, JOHN A.       | 2,335,178 |
| CANAL + SOCIETE ANONYME | 2,333,743 | CHART HEAT EXCHANGERS     |           | CLOPY A PLASTIC PRODUCTS |           |
| CANDY, TOM              | 2,334,114 | LIMITED                   | 2,335,011 | COMPANY, INC.            | 2,334,885 |
| CAO, SIMON X. F.        | 2,333,532 | CHEN, HAI XING            | 2,334,217 | CLOUE, CHRISTIAN         | 2,334,092 |
| CAPITOL SPECIALTY       |           | CHEN, JIE                 | 2,334,299 | CM BEVERAGE DISPENSER    |           |
| PLASTICS, INC.          | 2,334,014 | CHEN, JIM-RAY             | 2,333,307 | SYSTEM AB                | 2,335,141 |

## Index des demandes PCT entrant en phase nationale

|  |           |  |           |   |           |
|--|-----------|--|-----------|---|-----------|
| CNRS (CENTRE NATIONAL DE RECHERCHE SCIENTIFIQUE) FRANCE INNOVATION SCIEN | 2,333,661 | COOPERATIE COSUN U.A.  | 2,334,782 | CRUDDEN, JOSEPH J.                                  | 2,334,029 |
| COALESCENT SURGICAL, INC.  | 2,333,999 | COOPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DERIVA | 2,334,484 | CRUICKSHANK, JOHN MALCOLM                           | 2,332,591 |
| COALESCENT SURGICAL, INC.  | 2,334,000 | COOPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DERIVA | 2,334,532 | CRYPTOGRAPHY RESEARCH, INC.                         | 2,334,597 |
| COATES SIGNCO PTY. LIMITED   | 2,335,044 | COPE, ROBERT, L. III   | 2,334,685 | CRYSTAL FIBRE A/S                                   | 2,334,510 |
| COATES, ALAN BERNARD   | 2,335,044 | CORBA, ROBERT EDWARD   | 2,334,793 | CUGNONI, DANIEL                                     | 2,333,639 |
| COBRA THERAPEUTICS LIMITED   | 2,333,852 | CORBARIEU, PATRICK   | 2,334,090 | CUIF, JEAN-PIERRE                                   | 2,333,664 |
| COCHRAN, ROBERT J.   | 2,334,811 | CORDERO, RAFAEL M.   | 2,334,535 | CUMMINGS, CHRISTOPHER J.                            | 2,334,940 |
| COGITO ECONOMIC SYSTEMS, INC.  | 2,333,945 | CORIXA CORPORATION   | 2,334,038 | CUNNINGHAM, FRANCIS X. CUNNINGHAM, FRANCIS, X., JR. | 2,333,281 |
| COGNIS DEUTSCHLAND GMBH  | 2,333,982 | CORLETT, GARY L.   | 2,335,175 | CUNNINGHAM, PHILIP ANDREW                           | 2,334,752 |
| COHEN, AVRAHAM   | 2,334,656 | CORLEY, NEIL C.  | 2,330,542 | CUNNINGHAM, TIMOTHY J.                              | 2,335,072 |
| COHEN, SMADAR  | 2,334,996 | CORLEY, NEIL C.  | 2,331,380 | CURAGEN CORPORATION                                 | 2,332,625 |
| COHEN, YACHIN  | 2,334,734 | CORLEY, NEIL C.  | 2,331,386 | CURRAN, ROBERT EDWARD                               | 2,334,019 |
| COIA, RONALD A.  | 2,333,646 | CORLEY, NEIL C.  | 2,332,307 | CURTIS, DWIGHT D.                                   | 2,334,771 |
| COKER, JOHN CALVIN   | 2,334,883 | CORLEY, NEIL C.  | 2,333,006 | CURTIS, PAVEL                                       | 2,334,737 |
| COLBURN, ERIC R.   | 2,334,685 | CORLEY, NEIL C.  | 2,333,467 | CUSHMAN, DAVID W.                                   | 2,334,970 |
| COLE, JAMES A.   | 2,334,599 | CORN, STEPHEN B.   | 2,335,064 | CYPRUS AMAX MINERALS COMPANY                        | 2,334,599 |
| COLE, MARTIN A.  | 2,334,295 | CORNELL RESEARCH FOUNDATION, INC.  | 2,334,349 | CYTEC TECHNOLOGY CORP.                              | 2,335,137 |
| COLE, MARTIN A.  | 2,334,477 | CORNING INCORPORATED   | 2,334,033 | D'ACCHIOLI, VINCENZO                                | 2,334,818 |
| COLES, PETER   | 2,333,957 | CORNING INCORPORATED   | 2,334,692 | D'ACCHIOLI, VINCENZO                                | 2,335,174 |
| COLES, PETER   | 2,334,826 | CORNING INCORPORATED   | 2,335,131 | D'ACCHIOLI, VINCENZO                                | 2,335,177 |
| COLGATE-PALMOLIVE COMPANY  | 2,333,736 | CORNWELL, JAMES P.   | 2,334,742 | DAEWOONG PHARMACEUTICAL CO., LTD.                   | 2,332,126 |
| COLGATE-PALMOLIVE COMPANY  | 2,333,766 | CORONAS, JOAQUIN   | 2,334,731 | DAG, OMER   | 2,334,175 |
| COLGATE-PALMOLIVE COMPANY  | 2,333,906 | CORONET-WERKE GMBH   | 2,334,841 | DAHMANI, BRAHIM                                     | 2,334,692 |
| COLGATE-PALMOLIVE COMPANY  | 2,334,144 | CORPART, JEAN-MARC   | 2,334,093 | DAI NIPPON PRINTING CO., LTD.                       | 2,334,724 |
| COLGATE-PALMOLIVE COMPANY  | 2,334,655 | CORREA, PAUL ELLIOTT   | 2,332,564 | DAISO CO., LTD.                                     | 2,335,138 |
| COLLEGENET, INC.   | 2,334,169 | CORSI, PATRICK   | 2,334,098 | DAKKA, JIHAD  | 2,334,629 |
| COLLER, BARRY  | 2,333,975 | CORSON, BARBARA  | 2,333,755 | DALAL, MUKESH                                       | 2,334,212 |
| COLLINS, IAN JAMES   | 2,334,817 | CORZANI, ITALO   | 2,333,714 | DALE, GARY  | 2,334,873 |
| COLLINS, IAN JAMES   | 2,334,836 | COTTEVERTE, JEAN-CHARLES   | 2,334,692 | DALEY, GEORGE Q.                                    | 2,331,254 |
| COMBE, EDWARD C.   | 2,334,687 | COTTRELL, IAN FRANK  | 2,334,821 | DAME, PAUL  | 2,334,402 |
| COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE          | 2,334,098 | COULSON, STEPHEN RICHARD   | 2,334,631 | DAMMERT, RUTH                                       | 2,334,789 |
| COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE          | 2,334,099 | COURTAULDS PERFORMANCE FILMS INC.  | 2,334,603 | DANA-FARBER CANCER INSTITUTE                        | 2,335,038 |
| COMPUTER MOTION, INC.  | 2,334,458 | COUTTEAU, PETER  | 2,334,720 | DANCHIN, ANTOINE                                    | 2,333,919 |
| COMSAT CORPORATION   | 2,332,596 | COUTURIER, JEAN-LUC  | 2,334,845 | DANG, VU ANH  | 2,334,799 |
| CONDROSKI, KEVIN R.  | 2,333,770 | COWDEN, CAMERON JOHN   | 2,335,328 | D'ANGELO, MICHAEL R.                                | 2,334,912 |
| CONFRERE, DANIEL   | 2,334,985 | COX, BRUCE RUSSELL   | 2,333,762 | DANIELI & C. OFFICINE MECCANICHE S.P.A.             | 2,334,392 |
| CONLEY, DONALD P.  | 2,334,426 | COX, BRUCE RUSSELL   | 2,333,924 | DANON, HAIM   | 2,334,174 |
| CONLON, LEE JAMES  | 2,335,044 | COX, BRUCE RUSSELL   | 2,333,953 | DARBY, ROBERT                                       | 2,331,884 |
| CONNOLLY, JOHN C.  | 2,333,713 | COX, TONY  | 2,331,263 | DASGUPTA, BIRESHWAR                                 | 2,333,997 |
| CONNOR/AGA SPORTS FLOORING CORPORATION                                   | 2,334,766 | COX, VIVIENNE FRANCES  | 2,333,929 | DATTI, ALESSANDRO                                   | 2,334,338 |
| CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS                          | 2,334,182 | CPRX, INC.   | 2,334,723 | DAVANKOV, VADIM                                     | 2,334,680 |
| CONTARDO, CLAUDIO  | 2,334,392 | CRANCH, GEOFFREY ALAN  | 2,334,916 | DAVID J. INSTANCE LIMITED                           | 2,335,061 |
| CONTEYOR MULTIBAG SYSTEMS N.V.   | 2,333,992 | CRAVEN, CHARLES WYATT  | 2,334,022 | DAVIES, ANTONY JOHN                                 | 2,335,328 |
| COOK, C., EDGAR  | 2,333,668 | CRAWFORD, JAMES M., JR.  | 2,334,212 | DAVIES, MARK  | 2,334,228 |
| COOK, C., EDGAR  | 2,333,669 | CREE, INC.   | 2,334,339 | DAVIS, CHRISTOPHER                                  | 2,332,615 |
| COOK, PETER GIFFORD  | 2,333,940 | CREE, INC.   | 2,334,823 | DAVIS, MARK E.                                      | 2,335,181 |
| COOLIDGE, THOMAS R.  | 2,334,872 | CREEMERS, JANTINA  | 2,333,897 | DAVIS, MICHAEL A.                                   | 2,334,281 |
| COOPER, JOHN   | 2,333,741 | CRICKMORE, ROGER   | 2,334,916 | DAWES, JUDITH MARGARET                              | 2,335,323 |
| COOPERATIE COSUN U.A.  | 2,334,653 | CRIMI, THOMAS G.   | 2,334,136 | DAY, TREVOR NEIL                                    | 2,334,623 |
|  |           | CROMBIE, ROBERT  | 2,333,852 | DCV, INC. DOING BUSINESS AS BIO-TECHNICAL RESEARCH  | 2,332,308 |
|  |           | CROMOTEC OBERFLACHENTECHNIK GMBH   | 2,334,708 | DE CLERC, JOHN D.                                   | 2,333,870 |
|  |           | CROMPTON CORPORATION   | 2,333,641 | DE GOOIJER, LAMBERTUS HENDRIK                       | 2,332,583 |
|  |           | CRONIN, NIGEL  | 2,334,429 | DE GRAAF, THALIE PAULINA                            | 2,332,709 |
|  |           | CRONIN, PAUL   | 2,334,513 | DE GROOT, JACQUELINE HERMINA                        | 2,334,110 |
|  |           | CRONOS INTEGRATED MICROSYSTEMS, INC.                                     | 2,334,896 |   |           |
|  |           | CROSBY, MARK A.  | 2,334,584 |   |           |
|  |           | CROSES, ALAIN  | 2,334,854 |   |           |
|  |           | CROSS, S.A.  | 2,333,685 |   |           |
|  |           | CROSSLEY, ROBIN  | 2,334,790 |   |           |

## Index of PCT Applications Entering the National Phase

|                           |           |                             |           |                          |           |
|---------------------------|-----------|-----------------------------|-----------|--------------------------|-----------|
| DE JONG, PIETER           | 2,334,331 | DINWOODIE, DAVID LIONEL     | 2,333,519 | DYNAMIT NOBEL GMBH       |           |
| DE L'ETRAZ, PARIS         | 2,334,880 | DISCOVERY TECHNOLOGIES      |           | EXPLOSIVSTOFF-UND        |           |
| DE VRIES, MARINUS PIETER  | 2,334,956 | LTD.                        | 2,334,215 | SYSTEMTECHNIK            | 2,333,522 |
| DEBOYNTON, WILLIAM L.     | 2,334,033 | DIVO, MICHAEL               | 2,333,718 | DYNEON GMBH & CO. KG     | 2,334,023 |
| DEC RESEARCH              | 2,334,296 | DIXON, MICHAEL D.           | 2,334,737 | DYNEON GMBH & CO. KG     | 2,334,105 |
| DECLERCK, CHRISTOPHE      | 2,333,743 | DIXON, MICHAEL D.           | 2,334,971 | E.I. DU PONT DE NEMOURS  |           |
| DECRISTOFARO, NICHOLAS J. | 2,334,662 | DLW AKTIENGESELLSCHAFT      | 2,334,678 | AND COMPANY              | 2,334,353 |
| DEFLOREN, DURJ            | 2,334,853 | DNAVEC RESEARCH INC.        | 2,331,384 | E.I. DU PONT DE NEMOURS  |           |
| DEFRANCO, DONALD B.       | 2,334,940 | DOAN, NGA T.                | 2,333,999 | AND COMPANY              | 2,334,440 |
| DEGADY, MARC              | 2,334,356 | DOANE, KATHLEEN J.          | 2,334,712 | E.I. DU PONT DE NEMOURS  |           |
| DEKA, GANESH CHANDRA      | 2,334,669 | DODIER, MARCO               | 2,334,299 | AND COMPANY              | 2,334,548 |
| DEKENS, FOLKERT           |           | DOHERTY, PATRICK            | 2,333,928 | E.I. DU PONT DE NEMOURS  |           |
| GERHARDUS                 | 2,334,110 | DOLAK, TERENCE MARTIN       | 2,334,531 | AND COMPANY              | 2,335,048 |
| DEKKER, PETER             | 2,335,323 | DOLLING, ULF H.             | 2,334,821 | E.L. SPECIALISTS, INC.   | 2,334,620 |
| DEKRUYFF, ROSEMARIE H.    | 2,333,750 | DOLLINGER, HORST            | 2,333,689 | EAST CAROLINA UNIVERSITY | 2,333,901 |
| DEL CARDAYRE, STEPHEN     | 2,331,263 | DOLPHIN, GUNNAR T.          | 2,333,306 | EASTMAN CHEMICAL         |           |
| DEL TREDICI, GIANFRANCO   | 2,334,336 | DOMAN, IMRE                 | 2,334,220 | COMPANY                  | 2,332,308 |
| DELANNOY, PHILIPPE ROBERT | 2,332,612 | DOMI, SHINJIRO              | 2,332,587 | EASTMAN CHEMICAL         |           |
| DELASSUS, PATRICK         | 2,335,173 | DONALDSON, KELLY HORNE      | 2,334,713 | COMPANY                  | 2,333,768 |
| DELBAC, FREDERIC          | 2,333,919 | DONAZZI, FABRIZIO           | 2,334,457 | EASTMAN CHEMICAL         |           |
| DELL'ARIO, DALE J.        | 2,335,624 | DONG, DINSHONG              | 2,334,799 | COMPANY                  | 2,334,464 |
| DELLINGER, J., SCOTT      | 2,334,506 | DONOVAN, ROB                | 2,334,338 | EASTMAN CHEMICAL         |           |
| DELORENZO, ROBERT J.      | 2,334,186 | DORN, ALLAN R.              | 2,334,276 | COMPANY                  | 2,334,828 |
| DEMAREST, SCOTT W.        | 2,334,793 | DOTTERMAN, PERRY S.         | 2,334,553 | EATON, GERALD B.         | 2,332,716 |
| DEMETER, DAVID A.         | 2,333,951 | DOTTERMAN, PERRY S.         | 2,334,555 | EBERHARDT, NOEL H.       | 2,334,156 |
| DEMOULIN, ANDRE           | 2,334,992 | DOTTERMAN, PERRY S.         | 2,334,622 | EBERHARDT, NOEL H.       | 2,334,832 |
| DEN BOER, JOHANNIS        |           | DOUGLAS, MELVYN             | 2,333,722 | EBERLEIN, HERBERT        | 2,334,250 |
| JOSEPHUS                  | 2,334,106 | DOUGLAS, MYLES S.           | 2,335,333 | EBNER, REINHARD          | 2,333,917 |
| DEN BOER, JOHANNIS        |           | DRABB, THOMAS WALTER JR.    | 2,334,478 | ECC SYSTEMS, INC.        | 2,334,286 |
| JOSEPHUS                  | 2,334,470 | DRAKE, THOMAS E., JR.       | 2,335,338 | ECKERT, RAINER           | 2,334,250 |
| DEN NORSKE STATS          |           | DRAPER, JOHN                | 2,331,884 | EDHOLM, KAJ              | 2,334,936 |
| OLJESELSKAP A.S.          | 2,333,730 | DREEF-TROMP, CORNELIA       |           | EDLINGER, ALFRED         | 2,334,277 |
| DENG, ZHI D.              | 2,333,686 | MARIA                       | 2,334,863 | EDVARSDEN, PER ESPEN     | 2,333,516 |
| DENG, ZHI D.              | 2,333,732 | DREHER, ANDREAS W.          | 2,333,911 | EDVARDSSON, OLLE         | 2,332,463 |
| DENG, ZHI D.              | 2,333,875 | DREWS, PHILLIP              | 2,333,999 | EDVARDSSON, OLOV         | 2,332,456 |
| DENHAM, KEITH             | 2,334,216 | DREYER, CHRISTIAN           | 2,334,994 | EDWARDS LIFESCIENCES     |           |
| DENNIS, JAMES             | 2,334,338 | DRIEUX, JEAN-JACQUES        | 2,334,099 | CORPORATION              | 2,334,835 |
| DENTALMATIC               |           | DROST, MONTE K.             | 2,334,628 | EDWARDS, MARK STEPHEN    | 2,334,440 |
| TECHNOLOGIES INC.         | 2,334,225 | DROSTE, JOHN FREDERICK      | 2,335,176 | EDWARDS, MARK STEPHEN    | 2,334,548 |
| DENUNZIO DEJUGNAC,        |           | DSM N.V.                    | 2,334,015 | EFENDIC, SUAD            | 2,334,116 |
| CORINNE                   | 2,334,847 | DSM N.V.                    | 2,334,720 | EGAWA, YASUSHI           | 2,335,620 |
| DEPTULA, JOSEPH A.        | 2,334,219 | DSM N.V.                    | 2,335,063 | EGBERTSON, MELISSA       | 2,333,707 |
| DESAI, FRED NAVAL         | 2,334,180 | DU PONT, JOHANNES           |           | EGGERT, GEOFFREY M.      | 2,334,912 |
| DESGAGNE, MICHEL          | 2,332,719 | SEBASTIANUS                 | 2,334,514 | EGIS GYOGYSZERGYAR RT.   | 2,334,220 |
| DESKGATE TECHNOLOGIES,    |           | DUAN, ROXANNE D.            | 2,333,917 | EGOROV, ANDREJ           | 2,334,857 |
| INC.                      | 2,332,447 | DUBOWCHIK, GENE M.          | 2,333,997 | EHMANN, WILLIAM BRUCE    | 2,333,581 |
| DESROCHES, ROBERT         | 2,333,936 | DUBROVSKY, TIMOTHY B.       | 2,334,238 | EHR, TIMOTHY G. J.       | 2,335,010 |
| DESTEFANO, GEORGE A.      | 2,335,065 | DUFEU, JORGE L.             | 2,334,345 | EHRNSPERGER, BRUNO       |           |
| DEUTSCHES                 |           | DUGAR, SUNDEEP              | 2,334,298 | JOHANNES                 | 2,333,697 |
| WOLLFORSCHUNGSINSTI       |           | DUGGAN, JAMES A.            | 2,334,356 | EHRNSPERGER, BRUNO       |           |
| TUT                       | 2,334,859 | DUIJGHUISEN, HENRICUS P. B. | 2,334,743 | JOHANNES                 | 2,333,719 |
| DEVAUCHELLE, GERARD       | 2,332,612 | DUKE UNIVERSITY             | 2,334,491 | EHRNSPERGER, BRUNO       |           |
| DEVAY, GWEN E.            | 2,333,709 | DUKE UNIVERSITY SCHOOL      |           | JOHANNES                 | 2,333,760 |
| DEVGEN N.V.               | 2,332,619 | OF MEDICINE                 | 2,334,228 | EHRNSPERGER, BRUNO       |           |
| DEVLIN, PHILIP H.         | 2,334,535 | DUMONT, REMY                | 2,333,641 | JOHANNES                 | 2,333,765 |
| DEVONPORT, WAYNE          | 2,334,024 | DUPONT PHARMACEUTICALS      |           | EHRNSPERGER, BRUNO       | 2,333,767 |
| DEXTRAZE, PIERRE          | 2,334,299 | COMPANY                     | 2,333,643 | JOHANNES                 | 2,333,767 |
| DHINGRA, SANDEEP SINGH    | 2,333,986 | DUPONT PHARMACEUTICALS      |           | EHRNSPERGER, BRUNO       | 2,333,874 |
| DHULER, VIJAYAKUMAR R.    | 2,334,896 | COMPANY                     | 2,333,927 | JOHANNES                 | 2,333,874 |
| DI FABIO, ROMANO          | 2,334,727 | DUPONT PHARMACEUTICALS      |           | EHRNSPERGER, BRUNO       | 2,333,957 |
| DI SILVESTRO, GIUSEPPE    | 2,334,986 | COMPANY                     | 2,334,332 | EHRNSPERGER, BRUNO       |           |
| DIAURAL, L.L.C.           | 2,334,842 | DUREAU, VINCENT             | 2,333,663 | JOHANNES                 | 2,333,957 |
| DIAZ, PHILIPPE            | 2,334,843 | DUREAU, VINCENT             | 2,334,831 | EHRNSPERGER, BRUNO       |           |
| DIEBOLD, ERIC R.          | 2,333,686 | DURRENBERGER, FRANZ         | 2,334,215 | JOHANNES                 | 2,334,158 |
| DIESEL TECHNOLOGY         |           | DUTSCHKE, REGINALD          |           | EHRNSPERGER, BRUNO       |           |
| COMPANY                   | 2,332,717 | VERNON                      | 2,334,242 | JOHANNES                 | 2,334,162 |
| DIFFRIENT, NIELS          | 2,333,728 | DUYCKINCK, RICK             | 2,334,384 | EHRNSPERGER, BRUNO       |           |
| DIGNAM, MARC M.           | 2,334,890 | DVORAK, MILAN               | 2,334,154 | JOHANNES                 | 2,334,180 |
| DILLON, DAVIN CLIFFORD    | 2,334,038 | DYADENKO, ARKADY            |           | EHRNSPERGER, BRUNO       |           |
| DINIUS, CYNTHIA SUE       | 2,334,163 | IGOREVICH                   | 2,334,763 | JOHANNES                 | 2,334,984 |

## Index des demandes PCT entrant en phase nationale

|   |           |  |           |                                       |           |
|---|-----------|--|-----------|---------------------------------------|-----------|
| EHRNSPERGER, BRUNO<br>JOHANNES                | 2,335,334 | ERSPAMER, JOHN P.  | 2,334,346 | FIGOVSKY, OLEG L.                     | 2,335,000 |
| EHRNSPERGER, BRUNO<br>JOHANNES                | 2,335,622 | ERSPAMER, JOHN P.  | 2,334,348 | FINA RESEARCH                         | 2,334,992 |
| EHRNSPERGER, BRUNO<br>JOHANNES                | 2,335,625 | ERSPAMER, JOHN P.  | 2,334,351 | FINLAY, MAURICE RAYMOND<br>VERSCHOYLE | 2,334,342 |
| EICHEN, ELLIOT                                | 2,333,518 | ERTEN, GAMZE   | 2,334,861 | FISCHER, GUNTER                       | 2,334,730 |
| EIFRIG, ROBERT O.                             | 2,334,785 | ESKELINEN, ILKKA   | 2,334,781 | FISCHER, JAKOB                        | 2,334,151 |
| EINHART, JOHANN                               | 2,334,951 | ESNEAULT, CALVIN P.  | 2,333,998 | FISHER & PAYKEL LIMITED               | 2,334,663 |
| EISEN, YARON                                  | 2,333,652 | ESPINOZA, RAFAEL L.  | 2,334,731 | FISHER, SIMON LAWRENCE                | 2,334,150 |
| EISENBRAND, GERHARD                           | 2,333,661 | ESSER, FRANZ   | 2,333,689 | FISHER, STEVEN JOSEPH                 | 2,334,324 |
| EKAMANT AB                                    | 2,334,586 | ÉTAT FRANÇAIS REPRÉSENTÉ<br>PAR LE DÉLÉGUÉ<br>GÉNÉRAL POUR<br>L'ARMEMENT | 2,334,847 | FISHER, THORSTEN E.                   | 2,333,707 |
| EKSTROM, TOMMY                                | 2,334,411 | ETEC SYSTEMS, INC.   | 2,334,388 | FISHER, THORSTEN E.                   | 2,333,771 |
| E-L MANAGEMENT CORP.                          | 2,334,882 | ETUDES DE TRANSPORTS<br>S.A.R.L.   | 2,334,854 | FJELL, KNUT HARRY                     | 2,333,730 |
| ELAN CORPORATION, PLC                         | 2,334,174 | EUROTECH, LTD.   | 2,335,000 | FLARUP-KNUDSEN, ANDERS                | 2,334,141 |
| EL-BACHA, BECHARA                             | 2,335,314 | EVANGELISTA, OLINDO  | 2,334,826 | FLEMING, SCOTT                        | 2,334,590 |
| ELDER, WENDELL S.                             | 2,334,599 | EVANS, DALE M.   | 2,334,574 | FLEXSYS AMERICA L.P.                  | 2,333,665 |
| ELF ATOCHEM S.A.                              | 2,334,091 | EVANS, PATRICK A.  | 2,334,219 | FLITTER, WILLIAM D.                   | 2,332,462 |
| ELF ATOCHEM S.A.                              | 2,334,845 | EVANS, SAMUEL  | 2,334,341 | FLORENCE, KIMBERLY A.                 | 2,333,917 |
| ELI LILLY AND COMPANY                         | 2,334,258 | EVEREADY BATTERY<br>COMPANY, INC.  | 2,334,509 | FLORKIEWICZ, THOMAS F.                | 2,334,774 |
| ELI LILLY AND COMPANY                         | 2,334,677 | EVEREADY BATTERY<br>COMPANY, INC.  | 2,335,041 | FLYNN, BERNARD LUKE                   | 2,334,322 |
| ELI LILLY AND COMPANY                         | 2,335,322 | EWING, WILLIAM R.  | 2,333,994 | FMC EUROPE S.A.                       | 2,334,982 |
| ELLIOTT, KEITH                                | 2,334,865 | EXACT LABORATORIES, INC.   | 2,331,254 | FOERSTER, STEFAN                      | 2,334,824 |
| ELLIS, JOHN ALBERT                            | 2,332,627 | EXCEL SWITCHING<br>CORPORATION   | 2,334,972 | FOLKS, THOMAS M.                      | 2,331,260 |
| ELLMERER-MUELLER, ERNST                       | 2,334,730 | EXXON CHEMICAL PATENTS<br>INC.   | 2,334,629 | FOLLINGSTAD, MICHAEL JAY              | 2,334,152 |
| ELLUL, MARIA D.                               | 2,334,533 | EXXON CHEMICAL PATENTS,<br>INC.  | 2,334,533 | FOLTIS, LINDA C.                      | 2,334,307 |
| EL-SHERBEINI, MOHAMED                         | 2,333,667 | EXXON RESEARCH AND<br>ENGINEERING COMPANY                                | 2,334,883 | FOLTZ, WILLIAM E.                     | 2,333,753 |
| ELSON, J. TODD                                | 2,334,243 | EZAKI, TADASHI   | 2,333,884 | FORBES MEDI-TECH INC.                 | 2,332,450 |
| ELTECH SYSTEMS<br>CORPORATION                 | 2,334,637 | F.A.C. SERVICES GROUP, L.P.  | 2,333,878 | FORBES MEDI-TECH INC.                 | 2,334,449 |
| ELTECH SYSTEMS<br>CORPORATION                 | 2,334,774 | FAARUP, PETER  | 2,335,329 | FORD, CHARLES W.                      | 2,334,811 |
| EMBREY, MARK W.                               | 2,333,707 | FAGERBURG, DAVID R.  | 2,334,464 | FORD, STUART J.                       | 2,334,620 |
| EMBREY, MARK W.                               | 2,333,771 | FAGERBURG, DAVID R.  | 2,334,828 | FORGERON, ANNE NADINE                 | 2,333,664 |
| EMBRO, WILLIAM J.                             | 2,334,344 | FANELLI, ANTHONY   | 2,334,384 | FORMAX, INC.                          | 2,334,166 |
| EMERGENCY WARNING<br>SYSTEMS, INC.            | 2,334,644 | FANFONI, SABINA  | 2,334,153 | FORMPAVE LIMITED                      | 2,334,571 |
| EMERICKS, ANDERS                              | 2,334,006 | FANTICOLA, JOHN A.   | 2,334,758 | FORMUSO, GIUSEPPE                     | 2,334,729 |
| EMERSON ELECTRIC CO.                          | 2,334,176 | FARAJ, MAHMOUD K.  | 2,334,194 | FORSCHUNGSZENTRUM<br>JULICH GMBH      | 2,334,414 |
| ENAMELS AND CERAMIC<br>COATINGS               |           | FARRAR, JOHN F.  | 2,335,050 | FOSTERVOLD, OYSTEIN                   | 2,334,205 |
| INTERNATIONAL C.V.                            | 2,333,980 | FARTHING, THOMAS, WILLIAM  | 2,334,237 | FOUGHT, GERALD E.                     | 2,333,886 |
| ENDOLOGIX, INC.                               | 2,335,333 | FATLAND, BETH  | 2,331,327 | FOURNET, FREDERIC                     | 2,334,848 |
| ENDORECHERCHE, INC.                           | 2,334,577 | FEES, CHRISTINA M.   | 2,334,880 | FOX CHASE CANCER CENTER               | 2,334,709 |
| ENDORECHERCHE, INC.                           | 2,334,702 | FEES, JAMES R.   | 2,334,880 | FRAGNON, JEAN                         | 2,334,848 |
| ENDRESS, GREGORY A.                           | 2,333,917 | FELDBERG, IAN BRUCE  | 2,334,429 | FRAMA AG                              | 2,334,376 |
| ENERGY & ENVIRONMENTAL<br>INTERNATIONAL, L.C. | 2,332,716 | FELDCAMP, EDWARD GEORGE  | 2,334,667 | FRANCE TELECOM SA                     | 2,334,301 |
| ENERGY PERFORMANCE<br>SYSTEMS, INC.           | 2,334,306 | FELDMAN, YOSEF   | 2,335,024 | FRANCISCO, HARRY BERNARD              | 2,334,353 |
| ENGEL, JURGEN                                 | 2,333,682 | FELICELLI, ROBERT  | 2,333,913 | FRANK, ERICH                          | 2,332,584 |
| ENGELHARD CORPORATION                         | 2,334,512 | FELIX, BERND   | 2,334,023 | FRANK, R. KEITH                       | 2,333,937 |
| ENHSEN, ALFONS                                | 2,334,773 | FELIX, BERND   | 2,334,105 | FRANK, R. KEITH                       | 2,334,146 |
| ENHSEN, ALFONS                                | 2,334,775 | FELLMAN, JACK  | 2,335,055 | FRANKE, JOACHIM                       | 2,334,699 |
| ENNISS, JAMES P.                              | 2,334,603 | FERNANDEZ-MARTINEZ, JOSE<br>MARIA  | 2,334,182 | FRANKEL, DAVID P.                     | 2,334,213 |
| ENOKI, TATSUJI                                | 2,334,249 | FERNIE, GEOFFREY ROY   | 2,335,118 | FRAY, DEREK JOHN                      | 2,334,237 |
| EORIGINAL INC.                                | 2,334,804 | FERRARI, CARLO   | 2,334,208 | FREELAND, MARK                        | 2,334,936 |
| ERDELEN, CHRISTOPH                            | 2,332,723 | FERRI, EDWARD T., JR.  | 2,335,175 | FREEMAN, JENNIFER C.                  | 2,333,770 |
| ERDELEN, CHRISTOPH                            | 2,333,715 | FERTILITESCENTRUM AB   | 2,331,890 | FREESE, HUBERT                        | 2,335,039 |
| ERDELEN, CHRISTOPH                            | 2,334,618 | FETCENKO, MICHAEL A.   | 2,334,363 | FRENCH, CYNTHIA K.                    | 2,334,117 |
| ERICKSON, MARK A.                             | 2,334,506 | FETZER, JURGEN   | 2,334,917 | FREYSSINET INTERNATIONAL<br>(STUP)    | 2,334,983 |
| ERICSSON INC.                                 | 2,333,723 | FEUERSTEIN, OSNAT  | 2,334,391 | FRIATEC<br>AKTIENGESELLSCHAFT         | 2,334,214 |
| ERICSSON INC.                                 | 2,333,724 | FEVIG, THOMAS  | 2,334,221 | FRICK, MICHELE M.                     | 2,331,392 |
| ERICSSON INC.                                 | 2,334,244 | FEX, TOMAS   | 2,334,718 | FRICK, WENDELIN                       | 2,334,773 |
| ERICSSON INC.                                 | 2,334,697 | FIBRANZ, JOACHIM   | 2,333,522 | FRICK, WENDELIN                       | 2,334,775 |
| ERIKSON, KEITH W.                             | 2,334,325 | FIDIA ADVANCED<br>BIOPOLYMERS SRL  | 2,332,455 | FRIEDRICH, MICHELE                    | 2,334,628 |
| ERIKSON, KENNETH W.                           | 2,334,325 | FIELDS, DONALD L., JR.   | 2,333,665 | FRIES, HENRIK                         | 2,332,449 |
| ERNST, JAMES W.                               | 2,334,009 |  |           | FRIGG, ROBERT                         | 2,334,443 |
| ERSPAMER, JOHN P.                             | 2,334,343 |  |           | FRIITZEMEIER, KARL-<br>HEINRICH       | 2,334,780 |



## Index of PCT Applications Entering the National Phase

|                          |           |                           |           |                         |           |
|--------------------------|-----------|---------------------------|-----------|-------------------------|-----------|
| FUCHS, EILEEN CAROL      | 2,334,489 | GENSINI, GIANNI           | 2,334,392 | GOUR, BARBARA J.        | 2,333,928 |
| FUHRER, STEPHAN          | 2,334,023 | GENZYME CORPORATION       | 2,334,805 | GOURDET, CHRISTIAN      | 2,334,851 |
| FUHRER, STEPHAN          | 2,334,105 | GEORGE, QUENTIN           | 2,334,703 | GPI NIL HOLDINGS, INC.  | 2,333,679 |
| FUJINAGA, MASASHI        | 2,334,753 | GEORGETOWN UNIVERSITY     |           | GPI NIL HOLDINGS, INC.  | 2,333,693 |
| FUJISAWA PHARMACEUTICAL  |           | MEDICAL CENTER            | 2,335,007 | GPI NIL HOLDINGS, INC.  | 2,333,698 |
| CO., LTD.                | 2,333,947 | GEORGIA TECH RESEARCH     |           | GPI NIL HOLDINGS, INC.  | 2,333,960 |
| FUJITA, MASAYUKI         | 2,333,925 | CORPORATION               | 2,334,026 | GPI NIL HOLDINGS, INC.  | 2,333,961 |
| FUKAGAWA, YOSHIIHARU     | 2,334,981 | GERHARDSON, BERNDT        | 2,334,109 | GPI NIL HOLDINGS, INC.  | 2,333,963 |
| FUKUDA, JUN              | 2,334,724 | GEURTS, DAVID STANLEY     |           | GPI NIL HOLDINGS, INC.  | 2,333,964 |
| FUKUDA, YUMIKO           | 2,334,476 | HENDRICK                  | 2,334,993 | GPI NIL HOLDINGS, INC.  | 2,334,002 |
| FUNAKI, HIROSHI          | 2,334,518 | GHAEM, SANJAR             | 2,334,156 | GPI NIL HOLDINGS, INC.  | 2,334,008 |
| FURLONG, JEFF L.         | 2,334,203 | GHAREEB, ESSAM            | 2,335,173 | GPI NIL HOLDINGS, INC.  | 2,334,032 |
| FUSION UV SYSTEMS, INC.  | 2,334,255 | GHEDINI, LAURO            | 2,335,057 | GPI NIL HOLDINGS, INC.  | 2,334,204 |
| FYTOKEM PRODUCTS INC.    | 2,334,335 | GHESQUIERE, DENIS         | 2,333,641 | GPI NIL HOLDINGS, INC.  | 2,334,395 |
| G.D. SEARLE & CO.        | 2,333,691 | GHOSH, INDRA              | 2,334,414 | GPI NIL HOLDINGS, INC.  | 2,334,396 |
| GABETTA, BRUNO           | 2,334,625 | GIBSON, KARL RICHARD      | 2,334,817 | GRABENKORT, RICHARD     | 2,333,913 |
| GABIN, FREDERIC          | 2,334,097 | GIBSON, SCOTT R.          | 2,335,030 | GRACE, KENNETH          | 2,334,458 |
| GABLOWSKI, JURGEN        | 2,334,844 | GIELKE, GERHARD           | 2,334,844 | GRADIPORE LIMITED       | 2,333,655 |
| GAGNE, REJEAN            | 2,334,283 | GIENCKE, WOLFGANG         | 2,335,327 | GRAFF, ALAN             | 2,332,723 |
| GALCERA, MARIE-ODILE     | 2,334,945 | GIGER, MARYELLEN L.       | 2,334,227 | GRAHAM, SARA D.         | 2,334,998 |
| GALDERMA RESEARCH &      |           | GILBREATH, G. CHARMAINE   | 2,335,121 | GRANADOS, ROBERT R.     | 2,331,921 |
| DEVELOPMENT, S.N.C.      | 2,334,843 | GILLECE, TIMOTHY          | 2,334,307 | GRANDY, MARK E.         | 2,334,354 |
| GALLEY, EDWARD           | 2,332,709 | GILTECH LIMITED           | 2,333,662 | GRANT, CHRISTOPHER JOHN | 2,334,416 |
| GALVIN, DONNA            | 2,334,739 | GILTECH LIMITED           | 2,333,687 | GRAPHIC PACKAGING       |           |
| GANCET, CHRISTIAN        | 2,334,091 | GISBY, DOUGLAS            | 2,334,513 | CORPORATION             | 2,334,690 |
| GANDIONCO, ISIDRO MATIAS | 2,333,999 | GITTELSON, DAVID S.       | 2,333,378 | GRAY, JOHN F.           | 2,335,030 |
| GANDIONCO, ISIDRO MATIAS | 2,334,000 | GJESETH, JON ARNE         | 2,334,717 | GREEN, ALLAN M.         | 2,333,921 |
| GAPION, DANIEL JAMES     | 2,334,397 | GLASGOW, GARY A.          | 2,334,599 | GREEN, DANIEL M.        | 2,333,994 |
| GARCES, RAFAEL           | 2,334,182 | GLASSOCK, JUDITH I.       | 2,334,698 | GREEN, KEVIN JOHN       | 2,332,591 |
| GARCIA, ARTHUR J.        | 2,332,718 | GLATZER, MAIK             | 2,334,403 | GREEN, LARRY ARTHUR     | 2,333,986 |
| GARCIA-SASTRE, ADOLFO    | 2,334,850 | GLATZER, RAINER           | 2,334,403 | GREEN, MARTIN C.        | 2,334,624 |
| GARCIA-SASTRE, ADOLFO    | 2,334,857 | GLAXO GROUP LIMITED       | 2,334,713 | GREEN, MICHAEL          | 2,334,752 |
| GARCIA-SASTRE, ADOLFO    | 2,334,895 | GLAXO WELLCOME SPA        | 2,334,727 | GREEN, TERENCE R.       | 2,335,055 |
| GARDINER, BARRY          | 2,334,000 | GLENAYRE ELECTRONICS,     |           | GREENBERG, MICHAEL J.   | 2,334,385 |
| GARLAND, WILLIAM A.      | 2,332,462 | INC.                      | 2,333,527 | GREENE, JONATHAN R.     | 2,332,573 |
| GARNAAT, CARL W.         | 2,336,207 | GLENAYRE ELECTRONICS,     |           | GREENWOOD-VAN           |           |
| GARNER, DAVID M.         | 2,334,685 | INC.                      | 2,334,133 | MEERVELD, BEVERLY       | 2,332,462 |
| GARTSTEIN, VLADIMIR      | 2,334,173 | GLENCastle ENTERPRISES    |           | GREFF, RICHARD J.       | 2,335,043 |
| GARVAN INSTITUTE OF      |           | LTD.                      | 2,334,431 | GREFF, ZOLTAN           | 2,334,220 |
| MEDICAL RESEARCH         | 2,331,887 | GLENN, CHRISTOPHER M.     | 2,334,199 | GREGORIADIS, GREGORY    | 2,335,183 |
| GASQUET, GERARD          | 2,334,092 | GLOMBIK, HEINER           | 2,334,773 | GREGORY, SHERMAN A.     | 2,335,136 |
| GAU, WOLFGANG            | 2,333,715 | GLOMBIK, HEINER           | 2,334,775 | GRESO, AARON J.         | 2,333,942 |
| GAUGGEL, ROLAND          | 2,334,373 | GLUCKMAN, PETER DAVID     | 2,334,528 | GRIM, TRACY E.          | 2,334,172 |
| GAUTIER, KARINE          | 2,330,210 | GLUCKSMANN, MARIA         |           | GRIMM R & D, S.A.R.L.   | 2,334,849 |
| GAYTON, DONALD W.        | 2,334,133 | ALEXANDRA                 | 2,331,886 | GRIPON, PHILIPPE        | 2,334,767 |
| GAZ DE FRANCE (G.D.F)    |           | GLYCODESIGN INC.          | 2,334,338 | GROETTRUP, MARCUS       | 2,334,990 |
| SERVICE NATIONAL         | 2,334,985 | GODOROJA, ANDREI          | 2,334,133 | GROSS, JAMES R.         | 2,334,346 |
| GEATZ, J. TOBIN          | 2,335,175 | GOGOI, AMAR N.            | 2,335,025 | GROSS, JAMES R.         | 2,334,348 |
| GEERTS, HUGO ALFONSO     | 2,333,910 | GOKE, BURKHARD            | 2,334,872 | GROSS, JOSEPH           | 2,334,174 |
| GENENTECH, INC.          | 2,333,747 | GOLDENBERG, DAVID MILTON  | 2,334,735 | GROSS, MICHAEL          | 2,334,258 |
| GENENTECH, INC.          | 2,334,587 | GOLDMAN, STEPHEN ALLEN    | 2,333,719 | GRUBER, SABINE          | 2,334,017 |
| GENERAL DATAComm, INC.   | 2,334,541 | GOMECSYS B.V.             | 2,332,583 | GRUENBACHER, DANA PAUL  | 2,335,622 |
| GENERAL ELECTRIC         |           | GOMEZ DIAZ, JESUS         | 2,334,732 | GRUENBACHER, DANA PAUL  | 2,335,625 |
| COMPANY                  | 2,333,949 | GONG, YONG                | 2,333,994 | GRUET, CHRISTOPHE       | 2,334,097 |
| GENERAL ELECTRIC         |           | GOOD, MICHAEL             | 2,334,865 | GRYTA, OLE ANTON        | 2,334,913 |
| COMPANY                  | 2,334,319 | GOODMAN, ANDREW           | 2,333,716 | GUAN, JIAN              | 2,334,528 |
| GENERAL INSTRUMENT       |           | GORDON, THOMAS D.         | 2,334,945 | GUANELLA, ITALO         | 2,334,336 |
| CORPORATION              | 2,333,905 | GORE ENTERPRISE HOLDINGS, |           | GUARE, JAMES P., JR.    | 2,333,707 |
| GENERAL INSTRUMENT       |           | INC.                      | 2,335,130 | GUDESEN, HANS GUDE      | 2,334,287 |
| CORPORATION              | 2,334,785 | GORGONE, GINA A.          | 2,331,380 | GUEGLER, KARL J.        | 2,330,542 |
| GENERAL MILLS, INC.      | 2,334,389 | GORGONE, GINA A.          | 2,331,386 | GUEGLER, KARL J.        | 2,331,380 |
| GENERAL MILLS, INC.      | 2,334,948 | GORGONE, GINA A.          | 2,332,307 | GUEGLER, KARL J.        | 2,331,386 |
| GENERAL SCANNING, INC.   | 2,334,764 | GORIS, HANS KAREL         |           | GUEGLER, KARL J.        | 2,333,006 |
| GENESYS                  |           | THERESIA                  | 2,334,629 | GUERIN, WILLIAM         | 2,334,985 |
| TELECOMMUNICATIONS       |           | GORMAN, DANIEL M.         | 2,332,573 | GUERN, YVES             | 2,334,225 |
| LABORATORIES, INC.       | 2,334,513 | GORSUCH, THOMAS E.        | 2,333,729 | GUERRET, OLIVIER        | 2,334,845 |
| GENGER, ULRICH           | 2,334,879 | GOSNE, STEPHANE           | 2,334,097 | GUIGNARD, PAUL          | 2,334,944 |
| GENMARK AUTOMATION, INC. | 2,335,313 | GOTLEY, DAVID CHARLES     | 2,333,853 | GUILLAUD, GERARD        | 2,334,849 |
| GENOSIS LIMITED          | 2,333,900 | GOTO, TAKAKAZU            | 2,334,724 | GUINTA, DIANE R.        | 2,333,688 |
| GENOV, GENCO (deceased)  | 2,335,313 | GOTTFRIES, JOHAN          | 2,334,374 | GULDNER, HENRY          | 2,333,671 |

## Index des demandes PCT entrant en phase nationale

|                                      |           |  |           |  |           |
|--------------------------------------|-----------|--|-----------|--|-----------|
| GULEVICH, YURI V.                    | 2,334,743 | HANS-KNOLL-INSTITUT FUR<br>NATURSTOFF-<br>FORSCHUNG E.V. | 2,334,619 | HELLMANN, UDO  | 2,335,048 |
| GUMASTE, ANAND V.                    | 2,334,590 | HANSEN, DONALD W., JR.                                   | 2,333,691 | HELSE, MICHAEL A.  | 2,334,948 |
| GUNAWARDANA, INDRANI W.              | 2,333,770 | HANSEN, OLAF   | 2,333,715 | HELTON, RONALD HERBERT   | 2,335,176 |
| GUNDLACH, DAVID J.                   | 2,334,862 | HANSEN, RICHARD G.                                       | 2,334,579 | HEMPHILL, DOUGLAS  | 2,334,873 |
| GUNNARSSON, BENGT                    | 2,334,115 | HANSEN, THOMAS KRUSE                                     | 2,334,315 | HENDERSON, KARL  | 2,334,405 |
| GUNTHER, EWALD                       | 2,335,317 | HANSON, LARS .ANG.                                       | 2,333,306 | HENDERSON, ROBERT  | 2,333,755 |
| GUPTA, SUNEEL K.                     | 2,333,688 | HANTEL, BURGHARD   | 2,335,068 | HENDERSON, ROBERT W.   | 2,333,752 |
| GUPTA, VIJAI P.                      | 2,334,192 | HARDING, STEWART PETER                                   | 2,333,983 | HENDERSON, TODD R.   | 2,333,755 |
| GUPTA, VINAY K.                      | 2,334,238 | HARKLESS, CURT R.  | 2,333,378 | HENDRIKS, JAN  | 2,334,532 |
| GUROL, ISMAIL M.                     | 2,334,016 | HARLOCKER, SUSAN LOUISE                                  | 2,334,038 | HENEINE, WALID M.  | 2,331,260 |
| GUSSIO, RICK                         | 2,335,115 | HARMS, BRIAN   | 2,335,136 | HENKEL CORPORATION   | 2,334,716 |
| GUSTAFSON LLC                        | 2,335,047 | HARPIN, ARNOLD PETER                                     |           | HENKEL<br>KOMMANDITGESELLSCH<br>AFT AUF AKTIEN                                   | 2,334,455 |
| GUSTAFSSON, GORAN                    | 2,334,287 | ROSCOE   | 2,334,756 | HENKEL<br>KOMMANDITGESELLSCH<br>AFT AUF AKTIEN                                   | 2,335,039 |
| GUSTAFSSON, JAN-AKE                  | 2,331,885 | HARRIS, DAVID J.   | 2,334,805 | HENNING, ROLF  | 2,333,955 |
| GUTJAHR, JORG                        | 2,333,969 | HART, PETER  | 2,334,571 | HENRY M. JACKSON<br>FOUNDATION FOR THE<br>ADVANCEMENT OF<br>MILITARY MEDICINE    | 2,331,258 |
| GUYOT, DANIEL                        | 2,334,765 | HART, RICKEY   | 2,333,529 | HENRY, JEFFERY W.  | 2,335,049 |
| GUZOWSKI, JACEK                      | 2,334,587 | HARTAN, HANS GEORG                                       | 2,334,934 | HER MAJESTY THE QUEEN IN<br>RIGHT OF CANADA AS<br>REPRESENTED BY THE<br>MINISTER | 2,331,392 |
| HAAMER, JOEL                         | 2,334,840 | HARTMANN, EDUARD   | 2,333,984 | HERCULES INCORPORATED  | 2,334,178 |
| HAGART-ALEXANDER, CLAUD              | 2,334,660 | HARTMANN, ROBIN<br>ADRIANUS                              | 2,334,920 | HERCULES INCORPORATED  | 2,334,796 |
| HAGEL, RAINER                        | 2,333,522 | HARTNETT, GERARD   | 2,332,593 | HERMAN MILLER, INC.  | 2,333,581 |
| HAGEN, KLAUK                         | 2,334,862 | HARVEST TECHNOLOGIES<br>CORPORATION                      | 2,334,136 | HERMAN MILLER, INC.  | 2,334,183 |
| HAGEN, PER OTTO                      | 2,334,228 | HARVEST TECHNOLOGIES<br>CORPORATION                      | 2,334,887 | HERMAN MILLER, INC.  | 2,334,402 |
| HAGEN, TIMOTHY J.                    | 2,333,691 | HASE, SUMIHIRO   | 2,332,571 | HERNANDEZ, LIDIA   | 2,333,307 |
| HAGFORS, SATU                        | 2,334,357 | HASEGAWA, AMORU  | 2,331,384 | HERRICK FAMILY LIMITED<br>PARTNERSHIP  | 2,333,734 |
| HAHN, NORBERT                        | 2,334,691 | HASHIMOTO, SHINICHI                                      | 2,333,908 | HERRICK, ROBERT S.   | 2,333,734 |
| HAHN, RAINER                         | 2,335,113 | HASHIMOTO, YOSHIMI                                       | 2,335,620 | HERTZ, ANDREE J.   | 2,334,169 |
| HAIGHT, LEVOY G.                     | 2,334,602 | HASHIZUME, YOSHIHIRO                                     | 2,334,350 | HERZOG, HERBERT  | 2,331,887 |
| HAIKALA, HEIMO                       | 2,334,910 | HASHIZUME, YOSHIHIRO                                     | 2,335,004 | HEUER, HUBERT  | 2,334,773 |
| HALL, ALETHEA ROSALIND<br>MELANIE    | 2,333,738 | HASSARD, JOHN FRANCIS                                    | 2,334,715 | HEUER, HUBERT  | 2,334,775 |
| HALL, ALETHEA ROSALIND<br>MELANIE    | 2,333,950 | HASTENTEUFEL, HARRY                                      | 2,333,548 | HEYMAN, RICHARD A.   | 2,334,545 |
| HALL, ALETHEA ROSALIND<br>MELANIE    | 2,333,952 | HATAI, YASUO   | 2,334,753 | HICKLE, RANDALL S.   | 2,334,408 |
| HALL, CHRISTINA MARIA<br>YVONNE      | 2,334,935 | HATAMKHANDY, ZAHEDDEH                                    | 2,333,688 | HIGASHI, KAZUHIRO  | 2,331,920 |
| HALLATT, JOHN GILBERT                | 2,334,822 | HATCHER, PAUL  | 2,334,880 | HIGGINS, PETER   | 2,334,972 |
| HALLIBURTON ENERGY<br>SERVICES, INC. | 2,333,948 | HAUGHOM, PER OLAV  | 2,334,115 | HIGGINS, SEAN  | 2,334,203 |
| HALLINAN, E. ANN                     | 2,333,691 | HAUPT, ANDREAS   | 2,332,641 | HIGOBASHI, HIROKI  | 2,335,138 |
| HAMAGUCHI, NAORU                     | 2,334,791 | HAUTA-AHO, TUULA   | 2,334,864 | HIJIKATA, TOSHIHIKO  | 2,334,807 |
| HAMEL, LAWRENCE G.                   | 2,333,688 | HAUTALA, JOUKO   | 2,334,657 | HILL, ART  | 2,334,000 |
| HAMILTON, GREGORY S.                 | 2,333,679 | HAWKINS, ALAN FRANCIS                                    | 2,335,142 | HILL, EDWARD A.  | 2,334,896 |
| HAMILTON, GREGORY S.                 | 2,333,693 | HAWKINS, PAMELA L.                                       | 2,334,582 | HILL, TOMMY  | 2,334,001 |
| HAMILTON, GREGORY S.                 | 2,333,698 | HAY, ALAN JAMES  | 2,333,891 | HILLMAN, JENNIFER L.   | 2,330,542 |
| HAMILTON, GREGORY S.                 | 2,333,960 | HAYES, THOMAS J.   | 2,334,506 | HILLMAN, JENNIFER L.   | 2,331,380 |
| HAMILTON, GREGORY S.                 | 2,333,961 | HAYNES, BARTON F.  | 2,334,491 | HILLMAN, JENNIFER L.   | 2,331,386 |
| HAMILTON, GREGORY S.                 | 2,333,963 | HAYRY, PEKKA   | 2,331,885 | HILLMAN, JENNIFER L.   | 2,332,307 |
| HAMILTON, GREGORY S.                 | 2,333,964 | HE, YUN  | 2,334,342 | HILL-ROM, INC.   | 2,334,685 |
| HAMILTON, GREGORY S.                 | 2,334,002 | HEALY, DAVID MICHAEL                                     | 2,333,662 | HINZ, VOLKER   | 2,333,955 |
| HAMILTON, GREGORY S.                 | 2,334,008 | HEALY, DAVID MICHAEL                                     | 2,333,687 | HIRAI, YUICHI  | 2,334,724 |
| HAMILTON, GREGORY S.                 | 2,334,032 | HEATCRAFT INC.   | 2,334,705 | HIRANO, MASAOKI  | 2,334,888 |
| HAMILTON, GREGORY S.                 | 2,334,204 | HEATON, JEREMY P.W.                                      | 2,334,550 | HIRATA, HARUHISA   | 2,334,370 |
| HAMILTON, GREGORY S.                 | 2,334,395 | HECKEL, DONALD T., JR.                                   | 2,333,683 | HIRSHFELD, EALLAN  | 2,334,646 |
| HAMILTON, GREGORY S.                 | 2,334,396 | HECKLER & KOCH GMBH                                      | 2,334,844 | HISADA, AKIHIKO  | 2,329,129 |
| HAMILTON, JAMES YU                   | 2,335,176 | HEDLUND, GUNNAR  | 2,334,718 | HITACHI, LTD.  | 2,321,246 |
| HAMLEY, PETER                        | 2,334,515 | HEDRICK, JOSEPH A.                                       | 2,332,573 | HITCHCOCK, MICHAEL D.  | 2,334,169 |
| HAMMAD, TAREK                        | 2,333,752 | HEIDENREICH, MICHAEL E.                                  | 2,334,705 | HITZSCHKE, LOTHAR  | 2,334,234 |
| HAMMAD, TAREK                        | 2,333,755 | HEIKKINEN, ANTTI   | 2,335,631 | HO, GRANT IAN  | 2,332,596 |
| HAMMER, DAVID R.                     | 2,335,117 | HEILBRONN, REGINE  | 2,332,623 | HO, LIEM   | 2,333,999 |
| HAMMERLE, JURGEN                     | 2,334,250 | HEINONEN, TUULA  | 2,334,864 | HO, LIEM   | 2,334,000 |
| HAMPSHIRE CHEMICAL CORP.             | 2,334,029 | HEINZMAN, STEPHEN WAYNE                                  | 2,335,037 | HOEKSTRA, MATTHIAS<br>JOHANNAS   | 2,334,514 |
| HAMRICK, MICHAEL L.                  | 2,334,792 | HEISEY, JACQUELINE CONRAD                                | 2,334,337 | HOFMAN, HANS   | 2,334,796 |
| HAN, JAE-YONG                        | 2,334,953 | HEKAL, IHAB M.   | 2,334,014 |  |           |
| HANDS, DAVID                         | 2,334,821 | HELANDER, LARS-ERIK                                      | 2,334,378 |  |           |
| HANING, HELMUT                       | 2,333,955 | HELD, WINFRIED   | 2,334,934 |  |           |
| HANNA, MICHAEL MOURAD                | 2,334,511 | HELLBERG, HENRIK   | 2,334,006 |  |           |
| HANNA, WILLIAM T.                    | 2,334,628 | HELLBERG, RICHARD  | 2,334,668 |  |           |
|                                      |           | HELLBERG, RICHARD  | 2,335,020 |  |           |
|                                      |           | HELLER, LYRA   | 2,334,621 |  |           |

## Index of PCT Applications Entering the National Phase

|                         |           |                           |           |                         |           |
|-------------------------|-----------|---------------------------|-----------|-------------------------|-----------|
| HOFMANN, REINHOLD       | 2,335,042 | HURT, CATHERINE J.        | 2,334,276 | RECHERCHE MEDICALE      |           |
| HOKEBERG, MARGARETA     | 2,334,109 | HUYNH, TAM                | 2,334,228 | (INSERM)                | 2,334,767 |
| HOKOYAMA, MASAHIRO      | 2,334,366 | HWANG, PHILIP C.          | 2,334,326 | INSTITUT NATIONAL DE LA |           |
| HOLDEN, JOHN GRAHAM     | 2,333,740 | HWANG, WOO-SUK            | 2,334,382 | SANTE ET DE LA          |           |
| HOLESCHOVSKY, ULRICH B. | 2,334,027 | HWANG, WOO-SUK            | 2,334,953 | RECHERCHE MEDICALE      |           |
| HOLL, EUGEN             | 2,334,917 | HWANG, WOO-SUK            | 2,334,954 | (INSERM)                | 2,334,990 |
| HOLLAND NEWAY           |           | HYATT, JOHN A.            | 2,332,308 | INSTRUMENTATION         |           |
| INTERNATIONAL, INC.     | 2,335,133 | HYBRIDON, INC.            | 2,334,707 | LABORATORY S.P.A.       | 2,334,935 |
| HOLLAND, DAVID C.       | 2,334,787 | HYUN, KWANG-IK            | 2,334,777 | INTEL SAMPLING A/S      | 2,334,285 |
| HOLLIDAY, DAVID         | 2,334,790 | HYUN, SANG-HWAN           | 2,334,954 | INTELLIGENT SAFETY      |           |
| HOLLIS, J. MARCUS       | 2,333,981 | I.P.R. CO(21) LIMITED     | 2,334,282 | DEVELOPMENT             | 2,334,772 |
| HOLMES, BRIAN N.        | 2,334,534 | I2 TECHNOLOGIES, INC.     | 2,333,725 | INTELLIX A/S            | 2,335,060 |
| HOLZ, JENS              | 2,333,888 | I2 TECHNOLOGIES, INC.     | 2,333,737 | INTERACTIVE             |           |
| HOMAN, JOHN L.          | 2,334,573 | I2 TECHNOLOGIES, INC.     | 2,333,745 | TECHNOLOGIES, INC.      | 2,333,763 |
| HONDA GIKEN KOGYO       |           | I2 TECHNOLOGIES, INC.     | 2,333,748 | INTERGEN COMPANY        | 2,335,026 |
| KABUSHIKI KAISHA        | 2,333,746 | I2 TECHNOLOGIES, INC.     | 2,334,212 | INTERNATIONAL LEAD ZINC |           |
| HONEYWELL B.V.          | 2,334,383 | I2 TECHNOLOGIES, INC.     | 2,334,236 | RESEARCH                |           |
| HONEYWELL INTERNATIONAL |           | I2 TECHNOLOGIES, INC.     | 2,334,241 | ORGANIZATION, INC.      | 2,334,596 |
| INC.                    | 2,334,662 | ICAGEN, INC.              | 2,334,258 | INTERNATIONAL REAGENTS  |           |
| HONEYWELL-MEASUREX      |           | IDEMITSU KOSAN CO., LTD.  | 2,334,478 | CORPORATION             | 2,331,920 |
| CORPORATION             | 2,334,660 | IGA, AKIRA                | 2,333,884 | INTERNOVA INTERNATIONAL |           |
| HOOD, C. FRED           | 2,334,400 | IGLESIAS, JOSEPH M.       | 2,334,172 | INNOVATION COMPANY      |           |
| HORFARD, RICHARD K.     | 2,334,407 | IJIMA, MITSUMASA          | 2,334,753 | B.V.                    | 2,334,987 |
| HOPE, KENNETH D.        | 2,335,032 | IKAI, KATSUSHIGE          | 2,334,249 | INVACARE CORPORATION    | 2,333,886 |
| HOPMAN, JOHANUDES       |           | ILLI, OSCAR E.            | 2,334,803 | INVIRO MEDICAL DEVICES  |           |
| CORNELIS PETRUS         | 2,334,484 | I-LOK MULTI-STRUCTURAL    |           | LTD.                    | 2,333,907 |
| HORIKAWA, IZUMI         | 2,333,744 | INTERNATIONAL LIMITED     | 2,334,703 | IOWA STATE UNIVERSITY   |           |
| HORN, THOMAS ALEXANDER  | 2,333,718 | IMAGICTV INC.             | 2,334,203 | RESEARCH FOUNDATION,    |           |
| HORNBERGER, JORG        | 2,334,674 | IMAI, YASUO               | 2,334,716 | INC.                    | 2,331,327 |
| HORNE, GRAHAM R.        | 2,334,114 | IMPERIAL COLLEGE OF       |           | IOWA STATE UNIVERSITY   |           |
| HORSTMANN, CAY S.       | 2,334,889 | SCIENCE, TECHNOLOGY       |           | RESEARCH FOUNDATION,    |           |
| HOSSAIN, MOSADDEQ       | 2,334,758 | AND MEDICINE              | 2,334,715 | INC.                    | 2,334,761 |
| HOSSL, RALPH            | 2,333,661 | INCHAUSPE, GENEVIEVE      | 2,334,767 | IRAOLAGOITIA, MAITE     | 2,335,176 |
| HOUBEN, JAN MARIA       | 2,335,063 | INCYTE PHARMACEUTICALS,   |           | IRION, KLAUS            | 2,335,113 |
| HOUSE, GARY L.          | 2,334,838 | INC.                      | 2,330,542 | IRUSTA, SILVIA          | 2,334,731 |
| HOWARD, ANDREW D.       | 2,333,857 | INCYTE PHARMACEUTICALS,   |           | IRWIN, IAN              | 2,332,462 |
| HSIEH, YEN-PING CHIN    | 2,334,337 | INC.                      | 2,331,380 | IRWIN, WILLIAM JAMES    | 2,334,112 |
| HSP RESEARCH INSTITUTE  |           | INCYTE PHARMACEUTICALS,   |           | ISCAR LTD.              | 2,333,652 |
| INC.                    | 2,329,131 | INC.                      | 2,331,386 | ISHIKAWA, HIROSHI       | 2,334,370 |
| HSU, NOEL               | 2,333,741 | INCYTE PHARMACEUTICALS,   |           | ISHIKAWA, YOSHIHIRO     | 2,333,954 |
| HSU, WILLIAM            | 2,334,819 | INC.                      | 2,332,307 | ISLES, KATHERINE        | 2,333,677 |
| H-TECH, INC.            | 2,334,909 | INCYTE PHARMACEUTICALS,   |           | ISMAIL, LABEEB K.       | 2,335,025 |
| HU, HUNG-TZAW           | 2,334,660 | INC.                      | 2,333,006 | ISP INVESTMENTS INC.    | 2,334,307 |
| HUANG, HUNG CHANG       | 2,331,392 | INCYTE PHARMACEUTICALS,   |           | ISRAELSSON, MATTIAS     | 2,334,006 |
| HUANG, TIMOTHY YIKAI    | 2,331,392 | INC.                      | 2,333,467 | ITALIA, JAMES A.        | 2,334,021 |
| HUANG, TZAO FEN         | 2,335,142 | INDENA S.P.A.             | 2,334,308 | ITO, JUN                | 2,334,492 |
| HUBBELL, DOUGLAS S.     | 2,335,052 | INDEX S.P.A.              | 2,334,625 | ITOH, KYOGO             | 2,332,568 |
| HUBER, JOCHEN           | 2,333,895 | INDEX SYSTEMS, INC.       | 2,334,626 | ITW GEMA AG             | 2,334,278 |
| HUBNER, FRED NICK       | 2,334,531 | INDRANET TECHNOLOGIES     |           | IULIANETTI, LINO        | 2,334,915 |
| HUDKINS, ROBERT L.      | 2,334,189 | LIMITED                   | 2,333,885 | IWANAGA, DAISUKE        | 2,334,627 |
| HUET, DANIEL            | 2,334,772 | INFINEUM USA L.P.         | 2,335,178 | IWASAKI, MIZUO          | 2,335,069 |
| HUHTELIN, TAISTO        | 2,334,706 | INGHARDT, TORD            | 2,334,374 | IWASHITA, YUTAKA        | 2,334,229 |
| HUHTELIN, TAISTO        | 2,334,722 | INGRAM, BARRY THOMAS      | 2,335,037 | IWATA, MOTOTAKA         | 2,334,181 |
| HUHTINIEMI, JUKKA       | 2,334,357 | INNOVATIVE DEVICES, INC.  | 2,333,529 | J.M. HUBER CORPORATION  | 2,334,426 |
| HUISMAN, GJALT          | 2,331,263 | INNOVATECH                |           | JACKMAN, JERRY L.       | 2,334,835 |
| HULKE, STUART           | 2,334,655 | INTERNATIONAL SA          | 2,334,633 | JACKSON, THOMAS         | 2,334,862 |
| HULL, PETER HUGH        | 2,330,659 | INNOVATECH                |           | JACOBSON, STEPHEN C.    | 2,334,749 |
| HULS, CHRISTOPH         | 2,333,895 | INTERNATIONAL SA          | 2,334,779 | JADHAV, PRABHAKAR K.    | 2,333,927 |
| HUMAN GENOME SCIENCES,  |           | INNOWARE OY               | 2,334,591 | JAEN, JUAN C.           | 2,333,707 |
| INC.                    | 2,333,917 | INSALACO, ROBERT          | 2,334,183 | JAHN, JOHN J.           | 2,334,774 |
| HUMPHREY, FRANCIS ALAN  | 2,334,537 | INSLEY, THOMAS I.         | 2,334,121 | JAHROMI, SHAHAB         | 2,335,063 |
| HUMPHREY, FRANCIS ALAN  | 2,334,974 | INSLEY, THOMAS I.         | 2,334,601 | JAIN, KANTI             | 2,334,483 |
| HUMPHREY, FRANCIS ALAN  | 2,334,975 | INSTITUT FRANCAIS DU      |           | JALLURI, RAVI K.        | 2,335,115 |
| HUMPHREY, GUY R.        | 2,334,820 | PETROLE                   | 2,334,992 | JAMES, ALUN P.          | 2,334,114 |
| HUND, RENE              | 2,334,196 | INSTITUT FUR MIKROTECHNIK |           | JAMES, MALCOLM BARRY    | 2,334,676 |
| HUND, RENE              | 2,334,744 | MAINZ GMBH                | 2,335,045 | JAMES, NICHOLAS         | 2,334,790 |
| HUNG, MIEN-CHIE         | 2,332,634 | INSTITUT NATIONAL DE LA   |           | JAMIESON, ANGUS         |           |
| HUNTER, MICHAEL GEORGE  | 2,332,713 | SANTE ET DE LA            |           | LAMBERTON               | 2,334,282 |
| HUNTER, TONY R.         | 2,334,812 |                           |           | JANACKOVIC, ANNA        | 2,335,325 |
| HUO, ZHIMIN             | 2,334,227 |                           |           |                         |           |

## Index des demandes PCT entrant en phase nationale

|   |           |  |           |                                      |           |
|---|-----------|--|-----------|--------------------------------------|-----------|
| JANARTHANAN,<br>VENKATARAYALOO  | 2,334,998 | KABUSHIKI KAISHA MAKINO<br>SOGO KENKYUJO | 2,334,229 | KELEMEN, MARC P.                     | 2,335,041 |
| JANDEL, MAGNUS  | 2,335,022 | KAESER KOMPRESSOREN<br>GMBH              | 2,335,042 | KELLER, GEORGE ERNEST II             | 2,335,114 |
| JANSSEN PHARMACEUTICA<br>N.V.   | 2,333,910 | KAISER, THOMAS                           | 2,334,023 | KELLER, JANET T.                     | 2,334,553 |
| JANSSEN, BERND  | 2,332,641 | KAISER, THOMAS                           | 2,334,105 | KELLER, JANET T.                     | 2,334,555 |
| JANSSEN, MICHEL   | 2,334,992 | KAIVOLA, JUHA                            | 2,334,910 | KELLER, JANET T.                     | 2,334,622 |
| JAPAN SCIENCE AND<br>TECHNOLOGY<br>CORPORATION                        | 2,333,908 | KAJIHO, TOKUAKI                          | 2,333,947 | KELLOGG COMPANY                      | 2,333,709 |
| JARI PHARMACEUTICALS B.V.   | 2,333,898 | KAJPUST, ANDREW J.                       | 2,333,735 | KELLY, MICHAEL GERARD                | 2,334,254 |
| JARROUSSE, ANNE-SOPHIE  | 2,330,210 | KALTENBRUNNER, HANSJORG                  | 2,334,674 | KELLY, STEPHEN ROBERT                | 2,334,163 |
| JAS, GERHARD  | 2,334,730 | KAMADA, TSUNEYOSHI                       | 2,334,377 | KENAGY, JASON B.                     | 2,334,748 |
| JAYASEKERA, PRAMUKH<br>NALAKA   | 2,335,183 | KAMEO, KAZUYA                            | 2,334,355 | KENAMETAL INC.                       | 2,334,547 |
| JAZWIERSKI, RAFAL J.  | 2,334,972 | KAMINO, MARUO                            | 2,334,240 | KENNEDY, PAUL E.                     | 2,334,745 |
| JEHN, MIKE  | 2,334,691 | KAMITANI, KAZUTAKA                       | 2,333,758 | KENT STATE UNIVERSITY                | 2,334,712 |
| JEHN-RENDU, CHRISTIAN   | 2,334,196 | KAMIYAMA, SHIRO                          | 2,333,746 | KENTON, PAUL                         | 2,331,884 |
| JEHN-RENDU, CHRISTIAN   | 2,334,744 | KANBE, YOSHITAKE                         | 2,334,634 | KEPLER, JOHN A.                      | 2,333,668 |
| JEKEL, MAREN  | 2,334,661 | KANDIMALLA, EKAMBAR R.                   | 2,334,707 | KEPLER, JOHN A.                      | 2,333,669 |
| JENG, DAVID K.  | 2,334,760 | KANDO, YASUYUKI                          | 2,333,759 | KERK MOTION PRODUCTS,<br>INC.        | 2,334,325 |
| JENSEN, ROBERT M.   | 2,334,909 | KANEKA CORPORATION                       | 2,333,925 | KESELMANS, RONALD PETER<br>WILHELMUS | 2,334,484 |
| JESKE, FRANK  | 2,334,674 | KANEKA CORPORATION                       | 2,333,926 | KESSMANN, HELMUT                     | 2,334,215 |
| JETSTREAM<br>COMMUNICATIONS, INC.                                     | 2,334,213 | KANEKO, SATORU                           | 2,333,947 | KEUNG, WING-MING                     | 2,334,830 |
| JJ, GUANGYONG   | 2,331,888 | KANEKO, TOSHIKAZU                        | 2,334,666 | KEYV, SHERWIN V.                     | 2,334,887 |
| JIANG, CANWEN   | 2,334,805 | KANG, HEE-WON                            | 2,334,898 | KEYER, JULIE LYNN SHREEVE            | 2,333,664 |
| JO, JAE CHON  | 2,334,634 | KANNO, MITSUYOSHI                        | 2,334,366 | KHAN, MOHAMED H.                     | 2,334,599 |
| JOHANNISSON, BJORN  | 2,333,922 | KAPILOW, DAVID A.                        | 2,335,001 | KHOMJAKOV, OLEG<br>NIKOLAEVICH       | 2,333,767 |
| JOHANSON, MARK A.   | 2,333,529 | KAPILOW, DAVID A.                        | 2,335,003 | KHOMJAKOV, OLEG<br>NIKOLAEVICH       | 2,333,874 |
| JOHANSSON, HANS   | 2,335,141 | KAPILOW, DAVID A.                        | 2,335,005 | KHOMJAKOV, OLEG<br>NIKOLAEVICH       | 2,333,957 |
| JOHANSSON, JAN HUGO   | 2,334,025 | KAPILOW, DAVID A.                        | 2,335,006 | KIBLER, ELMAR                        | 2,334,467 |
| JOHNS HOPKINS UNIVERSITY  | 2,334,347 | KAPILOW, DAVID A.                        | 2,335,008 | KIBLER, ELMAR                        | 2,334,955 |
| JOHNSON CONTROLS<br>HEADLINER GMBH<br>(FORMERLY BENECKE<br>KALIKO AG) | 2,334,853 | KAPPLER, FRANCIS                         | 2,334,709 | KIGUCHI, AKIRA                       | 2,334,952 |
| JOHNSON, CHRISTOPHER<br>NORBERT                                       | 2,334,814 | KARABATSOS, CHRIS                        | 2,334,681 | KIHARA, TSUYOSHI                     | 2,333,515 |
| JOHNSON, CLARENCE A.  | 2,334,415 | KARANCSI, TAMAS                          | 2,334,220 | KIJI, TOSHIYUKI                      | 2,333,759 |
| JOHNSON, JERRY L.   | 2,331,327 | KARL DUNGS GMBH & CO.                    | 2,334,886 | KILLIAN, CHRISTOPHER<br>MOORE        | 2,333,768 |
| JOHNSON, LESLIE SYDNOR  | 2,326,388 | KARLSSON, PIERRE                         | 2,334,855 | KIM, EUN-GU                          | 2,334,111 |
| JOHNSON, MARILYN MARIE  | 2,334,793 | KARO BIO AB                              | 2,331,885 | KIM, HYO-SEOK                        | 2,333,731 |
| JOHNSON, SONYA S.   | 2,334,385 | KARO BIO AB                              | 2,334,116 | KIM, JONG HYUN                       | 2,334,404 |
| JOHNSTON, JAMES A.  | 2,332,573 | KARWATH, ARNO                            | 2,334,674 | KIM, JONG MIN                        | 2,334,634 |
| JOHNSTON, RAYMOND P.  | 2,334,121 | KASTER, LARRY VON                        | 2,335,142 | KIM, JU SU                           | 2,334,634 |
| JOHNSTON, RAYMOND P.  | 2,334,601 | KATAJA, JARI                             | 2,333,704 | KIM, KI-YON                          | 2,334,382 |
| JOMAA, HASSAN   | 2,334,645 | KATER, MARTIN MARIA                      | 2,333,897 | KIM, KI-YON                          | 2,334,953 |
| JOMAA, HASSAN   | 2,334,711 | KATHARIOU, SOPHIA                        | 2,333,856 | KIM, KI-YON                          | 2,334,954 |
| JONASSEN, OLA   | 2,333,696 | KATIC, OGNJEN B.                         | 2,333,527 | KIM, KONG-KYEOM                      | 2,333,731 |
| JONASSEN, OLA   | 2,333,995 | KATIRGIS, JOHN A.                        | 2,334,307 | KIM, MYUNG HWA                       | 2,334,634 |
| JONES, IAN K.   | 2,334,203 | KATJE, MICHAEL JAMES                     | 2,333,581 | KIM, OK-HEE                          | 2,333,731 |
| JONES, MARVIN E.  | 2,334,806 | KATO, IKUNOSHIN                          | 2,334,249 | KIM, STEVEN W.                       | 2,333,764 |
| JONES, RICHARD HENRY  | 2,334,859 | KATO, IKUNOSHIN                          | 2,334,312 | KIM, SUNG-KI                         | 2,334,382 |
| JONSSON, BJORN  | 2,334,808 | KATO, TAKATOSHI                          | 2,334,888 | KIM, SUNG-KI                         | 2,334,953 |
| JONSSON, STIG   | 2,334,718 | KAUFMAN CONSULTING<br>SERVICES LTD.      | 2,334,616 | KIM, SUNG-KI                         | 2,334,954 |
| JOO, JEONG-HO   | 2,334,317 | KAUFMAN, ILIA                            | 2,334,616 | KIMBERLY CLARK<br>WORLDWIDE, INC.    | 2,332,721 |
| JORDAN, ROBERT  | 2,333,975 | KAUFMAN, JEFFREY<br>LAWRENCE             | 2,334,883 | KIMBERLY-CLARK<br>WORLDWIDE, INC.    | 2,332,718 |
| JORDFORSK   | 2,334,829 | KAUFMAN, VLASTA BRUSIC                   | 2,335,033 | KIMBERLY-CLARK<br>WORLDWIDE, INC.    | 2,334,669 |
| JORGENSEN, THOMAS<br>MARTINI  | 2,335,060 | KAUFMAN, VLASTA BRUSIC                   | 2,335,034 | KIMMINAU, STEPHEN JOHN               | 2,335,122 |
| JOSHI, VIJAY KUMAR  | 2,334,531 | KAWABATA, FUMIMARU                       | 2,333,526 | KIMMINAU, STEPHEN JOHN               | 2,334,470 |
| JOSLYN, DANFORTH  | 2,335,058 | KAWAI, CHIE                              | 2,334,724 | KIMURA, TAKASHI                      | 2,334,181 |
| JOUVE, ISABELLE   | 2,334,848 | KAWASAKI STEEL<br>CORPORATION            | 2,333,526 | KIMURA, TATSUMI                      | 2,333,526 |
| JU, SANG MYOUNG   | 2,332,126 | KAWASAKI STEEL<br>CORPORATION            | 2,334,672 | KINARI, YASUHIRO                     | 2,334,352 |
| JUNG, BIRGIT  | 2,333,689 | KAWASAKI STEEL<br>CORPORATION            | 2,334,753 | KING, NIGEL PAUL                     | 2,334,342 |
| JUNIOR INSTRUMENTS  | 2,334,759 | KAYAHARA, TAKASHI                        | 2,334,476 | KINGS COLLEGE LONDON                 | 2,334,859 |
| JURANITCH, JAMES C.   | 2,333,769 | KE, HUA ZHU                              | 2,335,134 | KINK, JOHN A.                        | 2,334,471 |
| JURCA, ROMULUS P.   | 2,334,509 | KE, JINSHAN                              | 2,331,327 | KINNUNEN, JUHA                       | 2,334,657 |
| JUX, EGBERT   | 2,332,592 | KECK, HANS-JURGEN                        | 2,334,879 | KINOMURA, MASAHIRO                   | 2,333,742 |
|   |           | KEENAN, RONALD M.                        | 2,334,219 |                                      |           |
|   |           | KEITEL, DAGMAR PASCALE                   | 2,334,151 |                                      |           |
|   |           | KELDENICH, JORG                          | 2,333,955 |                                      |           |
|   |           | KELDER, REMCO T.                         | 2,334,743 |                                      |           |

## Index of PCT Applications Entering the National Phase

|   |           |   |           |  |           |
|---|-----------|---|-----------|--|-----------|
| KIRSCH, WOLFF M.                          | 2,334,226 | KREIS, ROBERT WALTER  | 2,334,514 | LARSSON, BERTIL                        | 2,334,639 |
| KISHIMOTO, HIDEYUKI                       | 2,335,620 | KRENHUBER, GEORG  | 2,333,524 | LARSSON, MATHIAS                       | 2,335,022 |
| KISTLER, RODNEY C.                        | 2,335,033 | KRIEG, ARTHUR M.  | 2,333,854 | LARSSON, OVE                           | 2,332,449 |
| KISTLER, RODNEY C.                        | 2,335,034 | KRUCHININ, MIKHAIL  | 2,333,767 | LARTEY, KRAIG                          | 2,333,770 |
| KITANO, KENICHI                           | 2,333,925 | KRUCHININ, MIKHAIL  | 2,333,957 | LASAITIS, CON A.                       | 2,333,913 |
| KLAR, ULRICH                              | 2,334,780 | KRUEGER INTERNATIONAL,<br>INC.  | 2,333,728 | LASER DIAGNOSTIC<br>TECHNOLOGIES, INC. | 2,333,911 |
| KLASK, KENNETH J.                         | 2,334,233 | KRUGER, REINHARD  | 2,334,373 | LATTICE INTELLECTUAL<br>PROPERTY LTD   | 2,334,537 |
| KLEIN, JOHN                               | 2,333,739 | KRUMHAR, KIM CARLETON   | 2,334,621 | LATTICE INTELLECTUAL<br>PROPERTY LTD   | 2,334,974 |
| KLEIN, NORBERT                            | 2,334,414 | KRUPKE, LEROY G.  | 2,334,201 | LATTICE INTELLECTUAL<br>PROPERTY LTD   | 2,334,975 |
| KLEINJUNG, JENS                           | 2,334,859 | KRUPKE, LEROY G.  | 2,334,407 | LATULIPE, ERIC                         | 2,333,959 |
| KLENERMAN, PAUL                           | 2,334,990 | KRUSE, HANS-FRIEDRICH   | 2,335,039 | LAVI, GILAD                            | 2,334,174 |
| KLETT, JAMES W.                           | 2,334,583 | KUBIES, DANA  | 2,334,154 | LAVOIE, GINO GEORGES                   | 2,333,768 |
| KLIMAN, GERALD BURT                       | 2,334,319 | KUBOKAWA, JAMES O.  | 2,334,294 | LAVON, GARY DEAN                       | 2,333,760 |
| KLING, ANDREAS                            | 2,332,641 | KUFE, DONALD, W.  | 2,335,038 | LAVON, GARY DEAN                       | 2,334,180 |
| KLINGLER, KNUD                            | 2,334,379 | KUHN, JORG  | 2,334,455 | LAVRETOVICH, OLEG                      | 2,334,712 |
| KLOETZEL, PETER-MICHAEL                   | 2,330,210 | KULSHRESHTHA, ALOK K.   | 2,334,224 | LAW, JAMES S.                          | 2,335,052 |
| KLUSENER, PETER A. A.                     | 2,334,743 | KUNICK, CONRAD  | 2,335,115 | LAW, STEPHEN JOHN                      | 2,333,882 |
| KNIEP, HAGEN                              | 2,334,105 | KURANAKA, SOU   | 2,335,069 | LAWANDY, NABIL M.                      | 2,334,516 |
| KNOLL                                     |           | KURARAY CO., LTD.   | 2,334,665 | LAWLESS, MICHAEL W.                    | 2,334,295 |
| AKTIENGESELLSCHAFT                        | 2,333,756 | KURATH, DEAN E.   | 2,334,628 | LAWLESS, MICHAEL W.                    | 2,334,477 |
| KNORR, WINFRED H.                         | 2,334,969 | KUROKAWA, HIROSHI   | 2,334,952 | LAWLOR, SHAWN P.                       | 2,334,977 |
| KNOWLEDGE KIDS<br>ENTERPRISES, INC.       | 2,333,918 | KUSUNOKI, SHINTARO  | 2,334,352 | LAWSON, KEITH HENRY                    | 2,334,569 |
| KNOWLEDGE KIDS<br>ENTERPRISES, INC.       | 2,334,327 | KUTLUCINAR, ISKENDER V.   | 2,334,644 | LAYNE, JAMES L.                        | 2,334,035 |
| KO, BONG-KYUNG                            | 2,334,953 | KUZEE, HENDRIKA CORNELIA  | 2,334,653 | LAZARIDIS, MIHAL                       | 2,333,881 |
| KOBAYASHI, TAKASHI                        | 2,334,672 | KUZEE, HENDRIKA CORNELIA  | 2,334,782 | LAZONBY, JUDY G.                       | 2,334,907 |
| KOCH, DANIEL JAMES                        | 2,334,677 | KVEEN, GRAIG L.   | 2,335,010 | LE PETIT, JEAN                         | 2,334,847 |
| KOCH, DANIEL JAMES                        | 2,335,322 | KWOH, DANIEL S.   | 2,334,626 | LEARY, JAMES J.                        | 2,334,978 |
| KOCH, JOHN                                | 2,334,363 | KWON, HO-SEOK   | 2,334,317 | LEBEQUE, SERGE J. E.                   | 2,332,573 |
| KOCHER, PAUL C.                           | 2,334,597 | KYPHON INC.   | 2,333,761 | LECLAIR, DENIS                         | 2,333,936 |
| KODAMA, HIROSHI                           | 2,333,947 | KYTONEN, PAULI  | 2,335,627 | LEE, BYEONG-CHUN                       | 2,334,382 |
| KOENIG, SCOTT                             | 2,326,388 | LA PAROLE CO., LTD.   | 2,334,981 | LEE, BYEONG-CHUN                       | 2,334,953 |
| KOH, SOO KEONG                            | 2,334,488 | LABRIE, FERNAND   | 2,334,577 | LEE, BYEONG-CHUN                       | 2,334,954 |
| KOH, YEO WOOK                             | 2,332,126 | LABRIE, FERNAND   | 2,334,702 | LEE, BYUNG-DONG                        | 2,334,954 |
| KOHAMA, KATSUMI                           | 2,333,746 | LACROIX, PHILIPPE   | 2,333,685 | LEE, DANIEL H. S.                      | 2,333,951 |
| KOHARA, KYOKO                             | 2,331,920 | LAFLEUR, DAVID W.   | 2,333,917 | LEE, DAVID                             | 2,334,491 |
| KOHARA, MICHINORI                         | 2,331,920 | LAI, CHING-SAN  | 2,334,973 | LEE, DAVID YUE-WEI                     | 2,333,668 |
| KOHL, PAUL A.                             | 2,334,026 | LAI, GRACE H.   | 2,333,709 | LEE, EDWARD R.                         | 2,334,805 |
| KOHLER, OTMAR                             | 2,335,053 | LAI, LAURENCE   | 2,334,690 | LEE, EUN-SONG                          | 2,334,382 |
| KOHN, TIMOTHY R.                          | 2,334,792 | L'AIR LIQUIDE, SOCIETE<br>ANONYME POUR L'ETUDE<br>ET L'EXPLOITATION DES<br>PROCED | 2,334,689 | LEE, EUN-SONG                          | 2,334,953 |
| KOHNO, YUTAKA                             | 2,333,947 | LAKEMAN, JOHN BARRY   | 2,332,591 | LEE, EUN-SONG                          | 2,334,954 |
| KOIKE, HISASHI                            | 2,334,145 | LAKSHMANAN, VAIKUNTAM<br>IYER   | 2,334,511 | LEE, HYEON-WOO;                        | 2,334,898 |
| KOKEN CO., LTD.                           | 2,329,129 | LAL, PREETI   | 2,331,380 | LEE, JAE KYOO                          | 2,334,347 |
| KOLDERUP, KENNETH M.                      | 2,334,213 | LAL, PREETI   | 2,331,386 | LEE, JAE-EUNG                          | 2,334,317 |
| KOMATTA, ANTERO                           | 2,334,878 | LAL, SUNDEEP  | 2,334,709 | LEE, SUN-HWAN                          | 2,334,317 |
| KOPISH, ANDREW J.                         | 2,333,728 | LAM, ANDREW C.  | 2,333,688 | LEE, YOUN-GU                           | 2,333,731 |
| KOPP-HOLTWIESCHE,<br>BETTINA              | 2,333,982 | LAMARRE, SYLVAIN  | 2,333,991 | LEES, ANDREW                           | 2,331,258 |
| KORDEL, GERHARD                           | 2,333,522 | LAMB, JONATHAN  | 2,334,738 | LEES, EMMA M.                          | 2,332,573 |
| KOREA KUMHO<br>PETROCHEMICAL CO.,<br>LTD. | 2,334,404 | LAMPH, WILLIAM W.   | 2,334,545 | LEHNERT, KLAUS                         | 2,333,671 |
| KORENFELD, MICHAEL S.                     | 2,334,576 | LANDAAS, TORSTEIN   | 2,334,285 | LEI, XIANG-HE                          | 2,333,856 |
| KORNDORFFER, FRANCISCUS<br>M.             | 2,334,743 | LANDES, MAX   | 2,334,955 | LEISTAD, GEIRR I.                      | 2,334,287 |
| KORTENBACH, JURGEN A.                     | 2,333,690 | LANE, MATHIEU   | 2,334,805 | LEIV EIRIKSSON NYFOTEK AS              | 2,333,696 |
| KOSAL, ESIN F.                            | 2,333,943 | LANG, HANS-PETER  | 2,334,917 | LEIV EIRIKSSON NYFOTEK AS              | 2,333,995 |
| KOTAY NAGY, PETER                         | 2,334,220 | LANGFORD, MARIE H.  | 2,333,707 | LE-KHAC, BI                            | 2,334,027 |
| KOYAMA, NOBUTO                            | 2,334,249 | LANGKAMP, RICHARD B., JR.   | 2,333,990 | LEMAY, DANIEL                          | 2,334,001 |
| KOYAMA, YUJI                              | 2,334,352 | LANGUAGE UNIVERSE, INC.   | 2,333,727 | LEMBERG, VLADIMIR                      | 2,333,118 |
| KRAATZ, UDO                               | 2,332,723 | LANHAM, GREGORY TREAT   | 2,334,856 | LENNOX, CHARLES D.                     | 2,334,810 |
| KRABS, RAYMOND                            | 2,334,969 | LANNER, DAVID ARTHUR  | 2,334,337 | LEONARD, STEPHEN BOWNE                 | 2,334,793 |
| KRAKOWKA, GEORGE STEVEN                   | 2,332,627 | LAOR, HERZEL  | 2,334,202 | LEPETIT, JEAN                          | 2,334,091 |
| KRAL, RUDOLF                              | 2,334,699 | LAOR, HERZEL  | 2,334,279 | LEPTICK, STEVE                         | 2,334,346 |
| KRAM, RICHARD                             | 2,334,132 | LAPEYRE, DIDIER   | 2,334,433 | LEPTICK, STEVE                         | 2,334,348 |
| KRAMER, WOLFGANG                          | 2,334,618 | LAPIDUS, STANLEY N.   | 2,331,254 | LERMA, GERARDO GARCIA                  | 2,331,260 |
| KRATSCH, PETER K.                         | 2,333,690 | LAPIERRE, RENE B.   | 2,334,359 | LESSL, MONIKA                          | 2,334,780 |
| KREBBER, CLAUS M.                         | 2,331,263 | LAPRADE, JEAN PAUL  | 2,334,034 | LESTER, PHILIP                         | 2,333,747 |
|   |           | LAPRADE, JEAN PAUL  | 2,334,406 | LEUERMANN, WALTER<br>BERNARD ALBERT    | 2,334,642 |
|   |           | LAROCHE, ANDRE J.   | 2,331,392 | LEUNG, ELSIE Y.                        | 2,334,626 |

## Index des demandes PCT entrant en phase nationale

|                                     |           |                                      |           |                                       |           |
|-------------------------------------|-----------|--------------------------------------|-----------|---------------------------------------|-----------|
| LEUNG, WOON-FONG                    | 2,333,939 | LOCKHEED MARTIN CORPORATION          | 2,335,338 | MAGNA INTERIOR SYSTEMS INC.           | 2,334,209 |
| LEUTHOLD, RENE                      | 2,335,068 | LODAYA, JAYANT S.                    | 2,333,665 | MAHARAJ, GARY                         |           |
| LEV, AVIGDOR                        | 2,334,147 | LOHR, RAYMOND                        | 2,333,665 | RABINDRANATH                          | 2,334,231 |
| LEVELL, JULIAN                      | 2,333,994 | LOMA LINDA UNIVERSITY MEDICAL CENTER | 2,334,226 | MAHONY, DANIEL                        | 2,332,573 |
| LEVIJOKI, JOUKO                     | 2,334,910 | LOMBI, ROBERTO                       | 2,334,336 | MAIN, LAUREN O.                       | 2,333,690 |
| LEWICKI, JOHN A.                    | 2,332,459 | LONDEI, MARCO                        | 2,333,923 | MAINTTECH CO., LTD.                   | 2,333,720 |
| LEWINGTON, JAY                      | 2,333,677 | LONDERO, LUCIO                       | 2,334,392 | MAIOLI, PAOLO                         | 2,334,457 |
| LEXENT TECHNOLOGIES, INC.           | 2,334,912 | LONG, TIMOTHY E.                     | 2,334,464 | MAITZ, PETER                          | 2,335,323 |
| LEYSEN, DIRK                        | 2,333,985 | LONG, TIMOTHY E.                     | 2,334,828 | MAIURI, LUIGI                         | 2,333,923 |
| LFK-LENKFLUGKORPERSYSTEME GMBH      | 2,334,373 | LOOCK, GARY W.                       | 2,334,426 | MAKELA, SARI                          | 2,331,885 |
| LG CHEMICAL LTD.                    | 2,333,731 | LOOKER, GRANT RAYMOND                | 2,332,714 | MAKINO, HARUHIKO                      | 2,334,815 |
| LI MEDICAL TECHNOLOGIES, INC.       | 2,334,020 | LOOKER, WAYNE ROBERT                 | 2,332,714 | MAKINO, HIDEYA                        | 2,334,229 |
| LI, GUOHUA                          | 2,334,003 | LOOMIS, ROGER A.                     | 2,334,705 | MALATIER, FRANCOIS                    | 2,334,988 |
| LI, GUOHUA                          | 2,334,386 | LOPEZ, MICHEL                        | 2,332,612 | MALLAMO, JOHN P.                      | 2,334,189 |
| LI, LANNA                           | 2,334,374 | LORD CORPORATION                     | 2,334,867 | MALLANGI, CHANDRASEKHAR R.            | 2,334,489 |
| LI, LEHMANN K.                      | 2,334,020 | LORD, PETER C.                       | 2,335,030 | MALLOUK, THOMAS E.                    | 2,334,390 |
| LI, MEI                             | 2,335,134 | LORENZEN, ERIC M.                    | 2,335,030 | MALMGREN, CARL-HENRIK                 | 2,334,006 |
| LI, S. K. LAURENCE                  | 2,334,351 | LOTTEAU, VINCENT                     | 2,334,990 | MANCHA, MANUEL                        | 2,334,182 |
| LI, S. K. LAWRENCE                  | 2,334,343 | LOUBAT, CEDRIC                       | 2,334,091 | MANCINI, MICHAEL A.                   | 2,334,940 |
| LICHTNER, ROSEMARIE                 | 2,334,780 | LOUDIN, SUSAN ELAINE                 | 2,334,440 | MANGLA, RAJ K.                        | 2,334,506 |
| LIEZMANN, ANDREAS                   | 2,335,039 | LOVGROVE, ROSS                       | 2,334,183 | MANKOVITZ, ROY J.                     | 2,334,626 |
| LIGAND PHARMACEUTICALS INCORPORATED | 2,334,545 | LOVETT, DONALD C.                    | 2,334,176 | MANN, KENNETH G.                      | 2,333,890 |
| LIGHT WAVE, LTD.                    | 2,335,049 | LOWE, CHRISTOPHER ROBIN              | 2,333,670 | MANNESMANN AG                         | 2,335,182 |
| LIGHTYEAR TECHNOLOGIES (USA), INC.  | 2,334,323 | LOWE, JOHN ADAMS III                 | 2,334,012 | MANNING, DONALD R.                    | 2,335,180 |
| LIIMATAINEN, PETRI                  | 2,334,451 | LOZINSKI, YULI                       | 2,333,757 | MANOV, ATANAS VISSILEV                | 2,334,769 |
| LILLEHAUG, DAG                      | 2,334,007 | LU, ZHEN-XIANG                       | 2,331,392 | MANSSON, ULF                          | 2,335,141 |
| LIM, CHAE-MAN                       | 2,334,898 | LUCID TREATMENT SYSTEMS, INC.        | 2,335,175 | MAO, MICHAEL K.                       | 2,334,221 |
| LIM, CHAE-MAN                       | 2,335,028 | LUHRMANN, REINHARD                   | 2,333,895 | MARATHON BELTING LIMITED              | 2,333,722 |
| LIM, HYUN SUK                       | 2,334,634 | LUMINIS PTY. LTD.                    | 2,331,890 | MARAZZONI, PAOLO                      | 2,334,308 |
| LIM, JEONG-MUK                      | 2,334,382 | LUNDBERG, HAKAN                      | 2,332,449 | MARCHAL, ARNAUD                       | 2,334,846 |
| LIM, JEONG-MUK                      | 2,334,953 | LUNDBERG, JUSSI                      | 2,334,834 | MARCINKIEWICZ, JOSEPH G.              | 2,334,176 |
| LIM, JEONG-MUK                      | 2,334,954 | LUNDSTROM, NORMAN H.                 | 2,333,942 | MARCONI DATA SYSTEMS INC.             | 2,334,755 |
| LIM, SEUNG WOOK                     | 2,332,126 | LURIE, KEITH G.                      | 2,334,723 | MARCOVECCHIO, ALAN F.                 | 2,334,819 |
| LIM, SHARON                         | 2,333,655 | LUTTKE, SVEN                         | 2,333,689 | MARHOLD, ALBRECHT                     | 2,333,715 |
| LINDBERG, STEFAN                    | 2,335,325 | LUTZIGER, ISABELLE                   | 2,331,327 | MARKLING, FLOYD F.                    | 2,334,230 |
| LINDEE, SCOTT A.                    | 2,334,166 | LUZESKI, NICHOLAS M.                 | 2,334,573 | MARKMANN, OLE                         | 2,334,678 |
| LINDGREN, MAGNUS                    | 2,334,284 | LYNCH, CHRISTOPHER D.                | 2,334,295 | MARKO, DORIS                          | 2,333,661 |
| LINDNER, TORSTEN                    | 2,333,718 | LYNCH, CHRISTOPHER D.                | 2,334,477 | MARKUS, VICTOR                        | 2,334,758 |
| LINDSTEDT ALSTERMARK, EVA-LOTTE     | 2,334,107 | LYNCH, EDWARD                        | 2,334,431 | MARONEY, CHARLES T.                   | 2,333,999 |
| LINDSTEDT ALSTERMARK, EVA-LOTTE     | 2,334,374 | LYONS, CHRISTOPHER S.                | 2,334,806 | MARSHALL, WAYNE HUGH                  | 2,334,440 |
| LINNEBERG, CHRISTIAN                | 2,335,060 | LYTLE, PETER B.                      | 2,333,949 | MARSHALLTOWN TROWEL COMPANY           | 2,332,594 |
| LINNONMAA, PEKKA                    | 2,335,631 | MA, CHUN                             | 2,334,221 | MARSTON, KEVIN                        | 2,333,639 |
| LINTULA, TIMO                       | 2,334,781 | MA, XIAOLI                           | 2,334,036 | MARTIN, BRADLEY S.                    | 2,333,735 |
| LIPIELLO, LOUIS                     | 2,333,755 | MAAS, AUGUSTINUS ARNOLDUS MARIA      | 2,334,484 | MARTIN, DIDIER                        | 2,334,995 |
| LIPS, KOEN                          | 2,333,980 | MAASLAND N.V.                        | 2,334,800 | MARTINEZ, RICARDO                     | 2,331,889 |
| LISIO, CARMINE                      | 2,333,996 | MACDONALD, IVAN                      | 2,333,733 | MARTINSSON, HANS-BERTIL               | 2,334,789 |
| LISNIANSKY, ROBERT M.               | 2,334,894 | MACDONALD, KAREN F.                  | 2,334,553 | MARUTA, YASUSHI                       | 2,333,609 |
| LISS, JONATHAN                      | 2,334,132 | MACDONALD, KAREN F.                  | 2,334,555 | MARZOLIN, CHRISTIAN                   | 2,334,846 |
| LITTMANN, KLAUS                     | 2,334,852 | MACDONALD, KAREN F.                  | 2,334,622 | MASADA, SHINICHI                      | 2,333,759 |
| LITVIN, SIMON SOLOMONOVICH          | 2,333,767 | MACHOVA, LUDKA                       | 2,334,154 | MASLACH, SUZANNE R.                   | 2,334,506 |
| LITVIN, SIMON SOLOMONOVICH          | 2,333,874 | MACKENZIE, PETER BORDEN              | 2,333,768 | MASLOUH, NAJIB                        | 2,334,730 |
| LITVIN, SIMON SOLOMONOVICH          | 2,333,957 | MACLEOD, BERNARD A.                  | 2,334,481 | MASLOUH, TIMOTHY                      | 2,333,986 |
| LIU, DAVID Y.                       | 2,332,459 | MACOR, JOHN E.                       | 2,334,970 | MASSA, MARK A.                        | 2,333,691 |
| LIU, QINGYUN                        | 2,333,857 | MACOVIAK, JOHN A.                    | 2,334,978 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY | 2,334,037 |
| LIU, STEPHEN S.                     | 2,334,247 | MACQUARIE RESEARCH LTD.              | 2,335,323 | MASSENGILL, R. KEMP                   | 2,333,678 |
| LIU, YUZHONG                        | 2,334,454 | MADIN, ANDREW                        | 2,335,328 | MASSICOTTE, MICHEL                    | 2,333,934 |
| LOBANOV, FEDOR IVANOVITCH           | 2,334,934 | MADRID, GILBERT                      | 2,335,333 | MASURE, H. ROBERT                     | 2,326,388 |
| LOCHTEFELD, THOMAS J.               | 2,335,049 | MAEDA, AKIHIRO                       | 2,335,069 | MASURE, STEFAN LEO JOZEF              | 2,333,910 |
|                                     |           | MAEDA, KIYOTO                        | 2,334,798 | MATHERON, ROBERT                      | 2,334,847 |
|                                     |           | MAENG, SEUNG-JOO                     | 2,334,898 | MATHES, MANFRED                       | 2,334,114 |
|                                     |           | MAESAKA, JOHN K.                     | 2,334,892 | MATHIASSEN, MIKAEL                    | 2,334,578 |
|                                     |           | MAGDA, DARREN                        | 2,334,809 | MATHYS, GEORGES MARIE KAREL           | 2,334,629 |
|                                     |           | MAGELLAN DIS, INC.                   | 2,334,695 | MATSUBARA, SHIRO                      | 2,334,350 |
|                                     |           | MAGNA INTERIOR SYSTEMS INC.          | 2,334,206 | MATSUBARA, SHIRO                      | 2,335,004 |
|                                     |           |                                      |           | MATSUI, SHOUHEI                       | 2,335,138 |

## Index of PCT Applications Entering the National Phase

|                          |           |                           |           |                          |           |
|--------------------------|-----------|---------------------------|-----------|--------------------------|-----------|
| MATSUMOTO, TAKAYUKI      | 2,334,753 | MEDICAL RESEARCH COUNCIL  | 2,333,751 | MICRO MOTION, INC.       | 2,335,072 |
| MATSUSHIMA, KOUJI        | 2,333,908 | MEDICAL RESEARCH COUNCIL  | 2,333,891 | MICRO THERAPEUTICS, INC. | 2,335,043 |
| MATSUSHITA ELECTRIC      |           | MEDICAL RESEARCH GROUP,   |           | MICRODOSE TECHNOLOGIES,  |           |
| INDUSTRIAL CO., LTD.     | 2,333,742 | INC.                      | 2,335,030 | INC.                     | 2,334,590 |
| MATSUSHITA ELECTRIC      |           | MEDIMMUNE, INC.           | 2,326,388 | MICROSULIS PLC           | 2,334,429 |
| INDUSTRIAL CO., LTD.     | 2,333,744 | MEDINA, JULIO C.          | 2,333,707 | MICROTAG AS              | 2,334,007 |
| MATSUSHITA ELECTRIC      |           | MEDINOX, INC.             | 2,334,973 | MICROTRONIC A/S          | 2,334,640 |
| INDUSTRIAL CO., LTD.     | 2,334,377 | MEEHAN, BRIAN MARTIN      | 2,332,627 | MICROWAVE SOLUTIONS      |           |
| MATSUSHITA ELECTRIC      |           | MEERT, THEO FRANS         | 2,333,910 | LIMITED                  | 2,334,822 |
| INDUSTRIAL CO., LTD.     | 2,334,666 | MEGARITY, W. MARK         | 2,334,201 | MICVAC AB                | 2,334,840 |
| MATSUSHITA ELECTRIC      |           | MEGTEC SYSTEMS, INC.      | 2,333,870 | MIKAMI, KOUCHI           | 2,334,724 |
| INDUSTRIAL CO., LTD.     | 2,335,069 | MEHTA, RAJENDRA           | 2,334,314 | MILANOVA, RADKA K.       | 2,332,450 |
| MATTSBY-BALTZER, INGER   | 2,333,306 | MEIJER, LAURENT           | 2,333,661 | MILANOVA, RADKA K.       | 2,334,449 |
| MATTSON, JEANINE D.      | 2,332,573 | MEIJER, LAURENT           | 2,335,115 | MILES, DAVID ROGER       | 2,326,157 |
| MAULER-MACHNIK, ASTRID   | 2,334,618 | MEIJIDE GARCIA, JOSE LUIS | 2,334,874 | MILES, STEVEN G.         | 2,335,624 |
| MAURER, MARKUS           | 2,335,068 | MEKA, PRASADARAO          | 2,334,533 | MILLENNIUM               |           |
| MAURINA-BRUNKER, JULIE   | 2,332,308 | MELAMED, JEFFREY          | 2,333,707 | PHARMACEUTICALS, INC.    | 2,331,886 |
| MAVUNKEL, BABU J.        | 2,332,459 | MELI, FAUSTO              | 2,334,542 | MILLER, ALLEN DALE       | 2,334,793 |
| MAWSON, SIMON            | 2,335,051 | MELVILLE, MICHAEL G.      | 2,334,243 | MILLER, JAY FINGERET     | 2,335,114 |
| MAXYGEN, INC.            | 2,331,263 | MEMMI, MASSIMO            | 2,334,596 | MILLER, ROSS A.          | 2,334,820 |
| MAXYGEN, INC.            | 2,332,615 | MENAND, JEAN RENE         | 2,333,663 | MILLER, STEPHEN MARK     | 2,334,750 |
| MAYER, BERND             | 2,334,414 | MENAND, JEAN RENE         | 2,333,716 | MILLINGTON, ROGER        |           |
| MAYES, ANDREW GEOFFREY   | 2,333,670 | MENCKE, NORBERT           | 2,332,723 | BRADLEY                  | 2,333,670 |
| MAYS, WILLIAM            | 2,334,363 | MENCKE, NORBERT           | 2,333,715 | MILLIS, JAMES R.         | 2,332,308 |
| MAYVILLE, PATRICIA       | 2,331,888 | MENDES, EMANUEL           | 2,335,024 | MILOVIC, MARI C.         | 2,334,209 |
| MAZUR, SARA              | 2,333,922 | MENDEZ, JOSE              | 2,334,732 | MILOSLAVSKY, ALEC        | 2,334,513 |
| MC CONNELL, SUSAN M.     | 2,335,030 | MENDOZA, JOSE SERAFIN     | 2,334,258 | MINCHER, DAVID JOHN      | 2,334,797 |
| MCALLISTER, JOHN P.      | 2,334,710 | MENENDEZ, MIGUEL A.       | 2,334,731 | MINEAU, STEVEN B.        | 2,334,793 |
| MCBRIAN, JAY L.          | 2,335,119 | MENNINK, JAN              | 2,334,585 | MINIMED INC.             | 2,335,030 |
| MCBRIDE, KEVIN E.        | 2,333,308 | MERCK & CO., INC.         | 2,333,667 | MINN, KLEMENS            | 2,335,327 |
| MCCABE, JAMES FRANCIS    | 2,335,328 | MERCK & CO., INC.         | 2,333,707 | MINNESOTA MINING AND     |           |
| MCCALDON, KIAN           | 2,333,932 | MERCK & CO., INC.         | 2,333,771 | MANUFACTURING            |           |
| MCCANN, CHANTELLE MARY   | 2,335,036 | MERCK & CO., INC.         | 2,333,857 | COMPANY                  | 2,334,121 |
| MCCARTHY, ROBERT E.      | 2,334,907 | MERCK & CO., INC.         | 2,334,551 | MINNESOTA MINING AND     |           |
| MCCARTNEY, ROGER         | 2,334,255 | MERCK & CO., INC.         | 2,334,820 | MANUFACTURING            |           |
| MCCARTY, CATHERINE M.    | 2,333,770 | MERCK PATENT              |           | COMPANY                  | 2,334,199 |
| MCCLLENATHAN, ROBERT V.  | 2,335,117 | GESELLSCHAFT MIT          |           | MINNESOTA MINING AND     |           |
| MCCLIVE, CURTIS F.       | 2,334,243 | BESCHRANKTER              |           | MANUFACTURING            |           |
| MCCLURE, RICHARD J.      | 2,333,678 | HAFTUNG                   | 2,334,022 | COMPANY                  | 2,334,294 |
| MCCURDY, CLARENCE        | 2,335,017 | MERCK SHARP & DOHME       |           | MINNESOTA MINING AND     |           |
| MCDANIEL, STACEY LEIGH   | 2,335,336 | LIMITED                   | 2,334,580 | MANUFACTURING            |           |
| MCDONALD, GERALD C.      | 2,334,337 | MERCK SHARP & DOHME       |           | COMPANY                  | 2,334,526 |
| MCELWRATH, BENJAMIN W.,  |           | LIMITED                   | 2,334,817 | MINNESOTA MINING AND     |           |
| JR.                      | 2,334,705 | MERCK SHARP & DOHME       |           | MANUFACTURING            |           |
| MCEWAN, JOHN             | 2,334,598 | LIMITED                   | 2,334,821 | COMPANY                  | 2,334,534 |
| MCGILL UNIVERSITY        | 2,333,946 | MERCK SHARP & DOHME       |           | MINNESOTA MINING AND     |           |
| MCGREGOR, ANDREW         |           | LIMITED                   | 2,334,836 | MANUFACTURING            |           |
| DRUMMOND                 | 2,333,885 | MERCK SHARP & DOHME       |           | COMPANY                  | 2,334,553 |
| MCGUCKIN, MICHAEL        |           | LIMITED                   | 2,335,328 | MINNESOTA MINING AND     |           |
| ANDREW                   | 2,333,853 | MERIAL                    | 2,332,627 | MANUFACTURING            |           |
| MCGUIRE, BRIAN EDWARD    | 2,334,275 | MERK, CHARLES H.          | 2,335,121 | COMPANY                  | 2,334,555 |
| MCHUGH, ROBERT JOSEPH    | 2,334,332 | MERLOT COMMUNICATIONS,    |           | MINNESOTA MINING AND     |           |
| MCI WORLDCOM, INC.       | 2,334,179 | INC.                      | 2,334,219 | MANUFACTURING            |           |
| MCI WORLDCOM, INC.       | 2,334,405 | MERTIK MAXITROL GMBH &    |           | COMPANY                  | 2,334,579 |
| MCKEE, KAREN KULJU       | 2,333,857 | CO. KG                    | 2,333,904 | MINNESOTA MINING AND     |           |
| MCKELVEY, GRAHAM NEIL    | 2,335,036 | METABYTE, INC.            | 2,335,025 | MANUFACTURING            |           |
| MCKENNEY, DAVID          | 2,333,931 | METACODE TECHNOLOGIES,    |           | COMPANY                  | 2,334,601 |
| MCKIBBEN, BRYAN          | 2,334,200 | INC.                      | 2,334,936 | MINNESOTA MINING AND     |           |
| MCKNIGHT, ANDREW         | 2,334,738 | METAGENICS, INC.          | 2,334,621 | MANUFACTURING            |           |
| MCLEAN, DONALD A.        | 2,333,907 | METAWAVE                  |           | COMPANY                  | 2,334,622 |
| MCMAHON, HARVEY THOMAS   | 2,333,751 | COMMUNICATIONS            |           | MINNESOTA MINING AND     |           |
| MCMEEKIN, ANTHONY        | 2,335,036 | CORPORATION               | 2,334,243 | MANUFACTURING            |           |
| MCMULLIN, THOMAS W.      | 2,332,308 | METZ, SUZANNE             | 2,333,691 | COMPANY                  | 2,334,969 |
| MCNAMARA, DANIEL P.      | 2,335,065 | MEYER, BRUNO K.           | 2,333,659 | MINSHULL, JEREMY         | 2,331,263 |
| MCNEILLY, FRANCIS        | 2,332,627 | MEYER, PLINIO             | 2,334,376 | MIR, KAMRAN              | 2,334,405 |
| MCNEIL-PPC, INC.         | 2,334,673 | MICHAEL, HANS PETER       | 2,334,278 | MISHRA, AWADHESH K.      | 2,333,648 |
| MCRITCHIE, ALLAN         |           | MICHELSON, GARY KARLIN    | 2,334,543 | MITCHAM, JENNIFER LYNN   | 2,334,038 |
| CAMPBELL                 | 2,334,752 | MICHELSON, GARY, K.       | 2,334,543 | MITRA, RAJAT K.          | 2,334,280 |
| MEADE, PAUL D.           | 2,333,727 | MICRO MOTION, INC.        | 2,334,856 | MITRY, MARK              | 2,334,255 |
| MEDICAL ENTERPRISES LTD. | 2,334,147 |                           |           |                          |           |

## Index des demandes PCT entrant en phase nationale

|                           |           |                       |           |                            |           |
|---------------------------|-----------|-----------------------|-----------|----------------------------|-----------|
| MITSUBISHI DENKI          |           | MOTOROLA LIMITED      | 2,334,210 | NAKASHIMA, TAKUYA          | 2,334,377 |
| KABUSHIKI KAISHA          | 2,334,251 | MOTOROLA, INC.        | 2,333,940 | NAKAYA, SEIGO              | 2,334,370 |
| MITSUBISHI DENKI          |           | MOTOROLA, INC.        | 2,333,958 | NALCO CHEMICAL COMPANY     | 2,334,907 |
| KABUSHIKI KAISHA          | 2,334,256 | MOTOROLA, INC.        | 2,334,156 | NANDBALAN, KRISHNAN        | 2,332,625 |
| MITSUBISHI DENKI          |           | MOTOROLA, INC.        | 2,334,280 | NARANG, SUBHASH            | 2,334,517 |
| KABUSHIKI KAISHA          | 2,335,116 | MOTOROLA, INC.        | 2,334,832 | NARDONE, GLENN             | 2,335,026 |
| MITSUBISHI HEAVY          |           | MOUNT SINAI SCHOOL OF |           | NARGUND, RAVI P.           | 2,334,551 |
| INDUSTRIES, LTD.          | 2,334,350 | MEDICINE OF NEW YORK  |           | NASLI-BAKIR, BENYAHIA      | 2,335,325 |
| MITSUBISHI HEAVY          |           | UNIVERSITY            | 2,333,975 | NATALI, STEFANO            | 2,334,596 |
| INDUSTRIES, LTD.          | 2,334,492 | MOUNT SINAI SCHOOL OF |           | NAVARRO, WILLIAM           | 2,334,097 |
| MITSUBISHI HEAVY          |           | MEDICINE OF THE CITY  |           | NEALE, COLIN G.            | 2,334,206 |
| INDUSTRIES, LTD.          | 2,335,004 | UNIVERSITY OF NEW     |           | NEBRIGIC, DRAGAN DANILO    | 2,334,173 |
| MITSUBISHI PLASTICS, INC. | 2,333,920 | YORK                  | 2,334,850 | NEC CORPORATION            | 2,333,609 |
| MITSUI MINING & SMELTING  |           | MOUNT SINAI SCHOOL OF |           | NEDERLANDS INSTITUUT       |           |
| CO., LTD.                 | 2,334,377 | MEDICINE OF THE CITY  |           | VOOR                       |           |
| MITSUMATSU, ARATA         | 2,333,762 | UNIVERSITY OF NEW     |           | ZUIVELONDERZOEK            | 2,334,331 |
| MIURA, KATSUHIRO          | 2,335,138 | YORK                  | 2,334,857 | NEG MICON A/S              | 2,333,717 |
| MIURA, NAUYOSHI           | 2,334,798 | MOUNT SINAI SCHOOL OF |           | NEGRE, CYRIL               | 2,334,089 |
| MIURA, RYUSUKE            | 2,334,352 | MEDICINE OF THE CITY  |           | NEGRE, GUY                 | 2,334,089 |
| MIYAHARA, MIHO            | 2,334,724 | UNIVERSITY OF NEW     |           | NEIHOFF, BJORN             | 2,333,681 |
| MIYAMOTO, KENICHIRO       | 2,334,352 | YORK                  | 2,334,895 | NEILSEN, SUSAN R.          | 2,333,709 |
| MIZUNO CORPORATION        | 2,334,181 | MOUNTAIN, LARRY D.    | 2,334,276 | NELES PAPER AUTOMATION     |           |
| MIZUNO, SEIJI             | 2,334,630 | MOUSSEAU, GARY P.     | 2,333,881 | OY                         | 2,334,722 |
| MO, FRANK S. C.           | 2,334,477 | MOUZEYAR, SAID        | 2,330,210 | NELSON, PETER KIM          | 2,334,223 |
| MO, FRANK, S. C.          | 2,334,295 | M-SYSTEMS FLASH DISK  |           | NEMZOW, MARTIN A.          | 2,333,692 |
| MOBIL OIL CORPORATION     | 2,333,986 | PIONEERS LTD.         | 2,334,113 | NEN LIFE SCIENCE PRODUCTS, |           |
| MOBIL OIL CORPORATION     | 2,334,359 | MUCENSKI, MICHAEL     | 2,333,917 | INC.                       | 2,334,010 |
| MOCHIDA PHARMACEUTICAL    |           | MUHLHOFF, OLIVIER     | 2,334,099 | NEOVASYS, INC.             | 2,335,058 |
| CO., LTD.                 | 2,332,571 | MUIR, TOM W.          | 2,331,888 | NESS, JON E.               | 2,331,263 |
| MOCHIDA PHARMACEUTICAL    |           | MUKAIYAMA, SHIGEMI    | 2,334,952 | NESVADBA, PETER            | 2,334,341 |
| CO., LTD.                 | 2,333,880 | MULLENBORN, MATTHIAS  | 2,334,640 | NETTELBECK, DIRK           | 2,333,912 |
| MOCHIDUKI, YOUICHI        | 2,334,724 | MULLER, JORG          | 2,333,718 | NEUBURGER, CARL D.         | 2,335,316 |
| MODY, TARAK               | 2,334,809 | MULLER, ROLF          | 2,333,912 | NEUENSCHWANDER, LUC-       |           |
| MOINET, CHRISTOPHE        |           | MULLER, ULRICH        | 2,335,332 | ANDRE                      | 2,333,639 |
| PHILIPPE                  | 2,334,945 | MULLER, WOLFGANG      | 2,334,853 | NEUMANN, CHRISTIAN         | 2,334,414 |
| MONAHAN, MICHAEL J.       | 2,332,716 | MULLER, WOLF-RUDIGER  | 2,334,455 | NEUROGEN CORPORATION       | 2,334,671 |
| MOND, JAMES J.            | 2,331,258 | MULTI-FLUID ASA       | 2,333,892 | NEURONZ LIMITED            | 2,334,528 |
| MONSANTO COMPANY          | 2,334,221 | MUNCH, MARK R.        | 2,333,989 | NEUSTADT, BERNARD R.       | 2,334,298 |
| MONSANTO P.L.C.           | 2,334,635 | MURATA, MASAKAZU      | 2,334,798 | NEW TRANSDUCERS LIMITED    | 2,334,239 |
| MONTANARI, MARIO          | 2,335,057 | MURGOLO, NICHOLAS J.  | 2,332,573 | NEW YORK UNIVERSITY        | 2,331,888 |
| MONTESINOS ALONSO,        |           | MURPHY, ALLIE A.      | 2,334,573 | NEW YORK UNIVERSITY        | 2,334,223 |
| VICENTE                   | 2,335,139 | MURPHY, ERIN E.       | 2,332,573 | NEW ZEALAND FOREST         |           |
| MOODY, LESLIE SHANE       | 2,333,768 | MURRAY, ANTHONY       | 2,335,329 | RESEARCH INSTITUTE         |           |
| MOON, HI-CHAN             | 2,334,898 | MURRAY, JAMES         | 2,334,364 | LIMITED                    | 2,334,397 |
| MOONEY, MICHAEL J. P.     | 2,333,733 | MURRAY, JAMES         | 2,334,435 | NEYMAN, IGOR               | 2,334,513 |
| MOORE, PAUL A.            | 2,333,917 | MUSHABEN, THOMAS G.   | 2,334,885 | NGK INSULATORS, LTD.       | 2,334,807 |
| MOORE, WILLIAM M.         | 2,333,691 | MUSKAT, ERICH         | 2,333,522 | NGO, DUNG A.               | 2,334,662 |
| MOORMANN, ALAN E.         | 2,333,691 | MUSTER, THOMAS        | 2,334,857 | NGUYEN, JOHN               | 2,333,999 |
| MORAN, DOV                | 2,334,113 | MUSTER, THOMAS        | 2,334,895 | NGUYEN, JOHN               | 2,334,000 |
| MORAZZONI, PAOLO          | 2,334,625 | MYERS, KEITH E.       | 2,334,835 | NICHOLS, DAVID             | 2,335,059 |
| MORE S.R.L.               | 2,334,392 | MYERS, MICHAEL O.     | 2,333,998 | NICHOLS, DAVID A.          | 2,334,737 |
| MOREN, DEAN M.            | 2,334,579 | NACHENBERG, CAREY S.  | 2,334,004 | NICHOLSON, JAMES           | 2,333,529 |
| MORGAN, BARRY             | 2,334,945 | NACHIRAB, WILLIAM T.  | 2,334,190 | NICOLAOU, KYRIACOS COSTA   | 2,334,342 |
| MORIKAWA, KAZUMI          | 2,334,634 | NACHTRAB, WILLIAM T.  | 2,334,018 | NICOLAS, PAUL              | 2,330,210 |
| MORILLON, ELISABETH       | 2,334,093 | NAGAHARA, SHUNJI      | 2,329,129 | NIEHAUS, GARY D.           | 2,334,712 |
| MORIMOTO, SHUJI           | 2,334,791 | NAGAKI, DICK A.       | 2,335,051 | NIEMI, KARI                | 2,334,781 |
| MORIN, ANNE-GAELE         | 2,333,664 | NAGANO, KATSUTO       | 2,334,627 | NIENHUIS, JAMES HAROLD     | 2,333,581 |
| MORINI, GIAMPIERO         | 2,334,743 | NAGANO, KATSUTO       | 2,334,684 | NIKOLAU, BASIL J.          | 2,331,327 |
| MORIS-VARAS, FRANCISCO    | 2,332,638 | NAGAO, HIROSHI        | 2,334,181 | NIKOLIC, SERJAN D.         | 2,335,058 |
| MORIWAKI, YOSHIO          | 2,335,069 | NAGATA, SHUJI         | 2,334,716 | NIKVAL INTERNATIONAL AB    | 2,334,479 |
| MOROHOSHI, TAKASHI        | 2,334,352 | NAKAGAKI, SHIGEKI     | 2,332,587 | NILSSON, BENGT G.          | 2,334,320 |
| MORRIS, JERRY LEE         | 2,334,106 | NAKAGAWA, HIROKI      | 2,334,724 | NIPPON A & L INCORPORATED  | 2,333,746 |
| MORRISON, TOMMY           | 2,334,022 | NAKAGAWA, TADAKIYO    | 2,334,476 | LTD.                       | 2,332,587 |
| MORRISSON, NEIL A.        | 2,334,635 | NAKAGAWA, YOSHIKI     | 2,333,925 | NIPPON SHEET GLASS CO.,    |           |
| MORT, NICHOLAS A.         | 2,333,770 | NAKAGAWA, YOSHIKI     | 2,333,926 | LTD.                       | 2,333,758 |
| MORTIER, KATHERINE        | 2,332,619 | NAKAJIMA, HIROSHI     | 2,334,240 | NIPPON STEEL CORPORATION   | 2,334,352 |
| MOSHER, DONNA             | 2,332,717 | NAKAMURA, YUICHI      | 2,334,145 | NISHIJIMA, HIDEYA          | 2,334,350 |
| MOSIG, WOLFGANG           | 2,333,522 | NAKANISHI, MAHITO     | 2,331,384 | NISHIJIMA, HIDEYA          | 2,334,492 |
| MOSKOVICH, ROBERT         | 2,334,655 | NAKANO, YUKIE         | 2,334,627 | NISHIMOTO, MASAHIRO        | 2,334,634 |
| MOSKOWITZ, JACK J.        | 2,334,804 | NAKAO, MASANOBU       | 2,332,568 |                            |           |



## Index of PCT Applications Entering the National Phase

|                        |           |                            |           |                           |           |
|------------------------|-----------|----------------------------|-----------|---------------------------|-----------|
| NISHIO, FUMIHIDE       | 2,334,120 | ODILIO, ALVES-FILHO        | 2,333,696 | OVERHEAD DOOR             |           |
| NISHIO, KOJI           | 2,334,240 | OETTER, GUNTER             | 2,332,584 | CORPORATION               | 2,334,407 |
| NISSAN CHEMICAL        |           | OFFICE NATIONAL D'ETUDES   |           | OVONIC BATTERY COMPANY,   |           |
| INDUSTRIES, LTD.       | 2,334,412 | ET DE RECHERCHES           |           | INC.                      | 2,334,363 |
| NISSEN, JEFFREY SCOTT  | 2,335,336 | AEROSPATIALES (ONERA)      | 2,334,985 | OVSHINSKY, STANFORD R.    | 2,334,363 |
| NISSEN, STEVEN L.      | 2,334,761 | OFFICINE FERRARI SNC DI    |           | OWEN, DAVID GERAIN        | 2,334,770 |
| NITZAN, ZVI            | 2,334,174 | CARLO E MARIO FERRARI      |           | OWEN, EARL RONALD         | 2,335,323 |
| NKOSI, BONGANI         | 2,334,569 | & C.                       | 2,334,208 | OWEN, GEOFFREY R.         | 2,334,224 |
| NOBRE, ANTONIO H.      | 2,333,996 | OGDAN, ORON                | 2,334,113 | OWENS CORNING             | 2,334,632 |
| NOEL, JOSEPH P.        | 2,334,812 | OGLE, COLIN ROGER          | 2,334,296 | OWENS-CORNING SWEDEN AB   | 2,334,320 |
| NOGUCHI, MAKOTO        | 2,333,759 | O'HAGAN, DEREK             | 2,332,455 | OXIBIO, INC.              | 2,335,055 |
| NOHMA, TOSHIYUKI       | 2,334,240 | OHRAI, KAZUHIKO            | 2,334,412 | OXIGENE, INC.             | 2,334,788 |
| NOLAN, DANIEL A.       | 2,335,131 | OHSHITA, RYUJI             | 2,334,240 | OZIN, GEOFFREY            | 2,334,175 |
| NOMURA, KAZUHIKO       | 2,333,947 | OHTA, YASUO                | 2,334,015 | P.L. PORTER CO.           | 2,333,683 |
| NOMURA, TAKESHI        | 2,334,627 | OHTOMO, TOSHIHIKO          | 2,331,917 | P.L. PORTER CO.           | 2,333,872 |
| NOMURA, TAKESHI        | 2,334,684 | OKA, MASAHARU              | 2,334,352 | PAATZSCH, THOMAS          | 2,335,045 |
| NOONE, KENNETH         | 2,334,468 | OKAMOTO, CHIHIRO           | 2,334,665 | PABON, MARTIAL            | 2,334,093 |
| NORDAL, PER-ERIK       | 2,334,287 | O'KEEFE, ROBERT V.         | 2,335,316 | PACK, JERRY DALE          | 2,333,754 |
| NOREN, PER             | 2,332,463 | OKEYA, KATSUYUKI           | 2,321,246 | PACKER, ELIZABETH J.      | 2,334,603 |
| NORGARD, BARBARA       | 2,334,936 | OKUBO, TAKESHI             | 2,334,666 | PACTIV CORPORATION        | 2,334,506 |
| NORIMOTO, KEIICHIRO    | 2,334,366 | OKUBO, YOSHIYUKI           | 2,333,744 | PACTIV CORPORATION        | 2,334,507 |
| NORLAND, KENNETH S.    | 2,334,516 | OKUMURA, YUKIHIKO          | 2,333,954 | PAGE, CLIVE P.            | 2,334,454 |
| NORMAN, MARK H.        | 2,333,960 | OKUYAMA, HAJIME            | 2,331,384 | PAGE, CLIVE P.            | 2,334,481 |
| NORMAN, MARK H.        | 2,333,963 | OKUYAMA, SHIGERU           | 2,334,355 | PALESE, PETER             | 2,334,850 |
| NORMAN, MARK H.        | 2,333,964 | OLEJNIK, JERZY             | 2,333,987 | PALESE, PETER             | 2,334,857 |
| NORMAN, MARK H.        | 2,334,002 | OLIVER, DAVID J.           | 2,331,327 | PALESE, PETER             | 2,334,895 |
| NORMEN, DAVID F.       | 2,335,072 | OLIVIA GOURMET (1996) LTD. | 2,334,949 | PALMER, YVETTE LATKO      | 2,334,254 |
| NORTEL MATRA CELLULAR  | 2,334,097 | OLSCHEFSKI, ROBERT D.      | 2,333,769 | PALMGREN, CHARLOTTE M.    | 2,334,361 |
| NORTH AMERICAN         |           | OLSEN, HENRIK S.           | 2,333,917 | PALMOUR, JOHN W.          | 2,334,339 |
| REFRACTORIES CO.       | 2,334,468 | OLYMPIC MEDICAL CORP.      | 2,335,624 | PALMOUR, JOHN WILLIAMS    | 2,334,823 |
| NORTHPOINT TECHNOLOGY, |           | O'NEIL, ROBERT             | 2,334,850 | PALUCKI, BRENDA L.        | 2,334,551 |
| LTD.                   | 2,333,660 | O'NEILL, BRIAN             | 2,333,733 | PALUMBO, GIANFRANCO       | 2,333,714 |
| NORTRAN                |           | O'NEILL, BRIAN             | 2,334,210 | PALUMBO, GIANFRANCO       | 2,334,818 |
| PHARMACEUTICALS INC.   | 2,334,454 | ONO, NAOYA                 | 2,334,355 | PALUMBO, GIANFRANCO       | 2,335,174 |
| NORTRAN                |           | ONO, SHIGEKI               | 2,333,926 | PALUMBO, GIANFRANCO       | 2,335,177 |
| PHARMACEUTICALS INC.   | 2,334,481 | ONOE, SEIZO                | 2,333,954 | PAN, LYDIA CODETTA        | 2,335,134 |
| NOTANI, RANJIT N.      | 2,333,725 | OPENTV, INC.               | 2,333,663 | PANTELEEV, VIKTOR         |           |
| NOTANI, RANJIT N.      | 2,333,737 | OPENTV, INC.               | 2,333,716 | IVANOVICH                 | 2,334,248 |
| NOTANI, RANJIT N.      | 2,333,745 | OPENTV, INC.               | 2,334,831 | PAPANESTOR, PAUL          |           |
| NOTANI, RANJIT N.      | 2,333,748 | OPHIDIAN                   |           | ALEXANDER                 | 2,334,868 |
| NOTANI, RANJIT N.      | 2,334,236 | PHARMACEUTICALS, INC.      | 2,334,471 | PAPE, WERNER              | 2,332,717 |
| NOTANI, RANJIT N.      | 2,334,241 | OPPER, HEIKE               | 2,333,718 | PAPST-MOTOREN GMBH & CO.  |           |
| NOTOYA, KOHEI          | 2,334,815 | OPTICAL TECHNOLOGIES       |           | KG                        | 2,334,674 |
| NOVADENT LTD.          | 2,334,391 | U.S.A. CORP.               | 2,334,542 | PARASNIS, ABHAY V.        | 2,333,725 |
| NOVAMONT S.P.A.        | 2,334,336 | OPTICON MEDICAL INC.       | 2,334,362 | PARASNIS, ABHAY V.        | 2,333,737 |
| NOVARTIS AG            | 2,332,589 | ORANGE PERSONAL            |           | PARASNIS, ABHAY V.        | 2,333,745 |
| NOVARTIS AG            | 2,332,592 | COMMUNICATIONS             |           | PARASNIS, ABHAY V.        | 2,333,748 |
| NOVARTIS AG            | 2,334,342 | SERVICES LIMITED           | 2,333,979 | PARASNIS, ABHAY V.        | 2,334,236 |
| NOVEMBER               |           | ORGANOGENESIS INC.         | 2,334,228 | PARASNIS, ABHAY V.        | 2,334,241 |
| AKTIENGESELLSCHAFT     |           | ORGANOGENESIS INC.         | 2,334,364 | PARCZYK, KARSTEN          | 2,334,780 |
| GESELLSCHAFT FUR       |           | ORGANOGENESIS INC.         | 2,334,435 | PAREJA FERREYROS, ENRIQUE | 2,323,775 |
| MOLEKULARE MEDIZIN     | 2,334,891 | ORGANOGENESIS, INC.        | 2,334,368 | PARK, JI SOO              | 2,332,126 |
| NOVICK, RICHARD P.     | 2,331,888 | ORION CORPORATION          | 2,334,864 | PARK, JONG-IM             | 2,334,382 |
| NOVO NORDISK A/S       | 2,334,315 | ORION CORPORATION          | 2,334,910 | PARK, JONG-IM             | 2,334,953 |
| NOVO NORDISK A/S       | 2,335,329 | ORR, HARRY T.              | 2,334,940 | PARK, JONG-IM             | 2,334,954 |
| NOVOZYMES A/S          | 2,332,697 | ORSILLO, PAOLO             | 2,334,392 | PARK, SANG KYU            | 2,332,126 |
| NOYAMA, HIDEYO         | 2,335,004 | ORTEGA, RUBEN E.           | 2,334,792 | PARK, SEUNG KOOK          | 2,332,126 |
| NTT DOCOMO, INC.       | 2,333,954 | ORTHO-MCNEIL               |           | PARKER, THEODORE L.       | 2,335,058 |
| NUGENT, JAMES S.       | 2,334,034 | PHARMACEUTICAL, INC.       | 2,333,951 | PARLE-SCHMITZ, ELIZABETH  |           |
| NUMATA, KOICHI         | 2,334,377 | OSRAM OPTO                 |           | K.                        | 2,333,766 |
| NUNEZ, GEORGE A.       | 2,333,690 | SEMICONDUCTORS GMBH        |           | PARNANDI, ARAVINDA        | 2,334,603 |
| NUTRAMAX LABORATORIES, |           | & CO. OHG                  | 2,335,317 | PAROLARI, SERGIO          | 2,334,153 |
| INC.                   | 2,333,752 | OSSFELDT, JAN              | 2,334,855 | PARTRIDGE, RANDALL D.     | 2,334,359 |
| NUTRAMAX LABORATORIES, |           | OSTEO-TI LTD.              | 2,333,983 | PASTAN, IRA H.            | 2,334,745 |
| INC.                   | 2,333,755 | OSTLIE, L. DAVID           | 2,334,306 | PATCHETT, ARTHUR A.       | 2,334,551 |
| NUTTER, WILLIAM A.     | 2,334,637 | OTTEN, MARTINA             | 2,334,467 | PATEL, DHAVALKUMAR D.     | 2,334,491 |
| NYCE, JONATHAN W.      | 2,333,901 | OTTEN, MARTINA             | 2,334,955 | PATEL, MEENA V.           | 2,333,770 |
| NYFORS, EBBE           | 2,333,892 | OVERHEAD DOOR              |           | PATEL, MONA               | 2,333,643 |
| OBERZAUCHER, FRIEDRICH | 2,333,524 | CORPORATION                | 2,334,201 | PATEL, MONA               | 2,334,332 |
| OCHIYA, TAKAHIRO       | 2,329,129 |                            |           |                           |           |

## Index des demandes PCT entrant en phase nationale

|  |           |                                     |           |   |           |
|--|-----------|-------------------------------------|-----------|---|-----------|
| PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH | 2,334,234 | PIER, GERALD B.                     | 2,333,931 | PRECISION VALVE CORPORATION               | 2,334,593 |
| PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH | 2,335,332 | PIERCE, WILLIAM C.                  | 2,335,133 | PRENCIPE, MICHAEL                         | 2,334,144 |
| PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH | 2,333,671 | PILLING WECK INCORPORATED           | 2,334,758 | PRESTOLITE WIRE CORPORATION               | 2,334,354 |
| PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH | 2,334,879 | PINYAYEV, ALEKSEY MIKHAILOVICH      | 2,333,874 | PRESTON, BARRY W.                         | 2,334,426 |
| PATTEN, PHILLIP A.   | 2,331,263 | PIONEER HI-BRED INTERNATIONAL, INC. | 2,334,400 | PRESTON, JOHN G.                          | 2,334,660 |
| PATTERSON, CHANDRA   | 2,330,542 | PIONEER HI-BRED INTERNATIONAL, INC. | 2,336,207 | PREVIEW SYSTEMS, INC.                     | 2,334,889 |
| PATTERSON, CHANDRA   | 2,331,386 | PIPER, JAMES AUSTIN                 | 2,335,323 | PRICE, BARRY LEONARD                      | 2,334,974 |
| PATTERSON, CHANDRA   | 2,332,307 | PIRELLI CAVI E SISTEMI S.P.A.       | 2,334,457 | PRICE, BARRY LEONARD                      | 2,334,975 |
| PATTERSON, CHANDRA   | 2,333,006 | PIRRI, ROSANGELA                    | 2,334,091 | PRICE, RAYMOND L.                         | 2,334,169 |
| PATTERSON, CHANDRA   | 2,333,467 | PISKOVOL, ANATOLY DMITRIEVICH       | 2,334,763 | PRIM S.A.                                 | 2,334,874 |
| PATTERSON, PATRICK E.  | 2,332,447 | PITTS, WILLIAM J.                   | 2,333,927 | PRIMROSE, SANDY                           | 2,333,677 |
| PATTERSON, ROBERT  | 2,334,723 | PITZELE, BARNETT S.                 | 2,333,691 | PRINTER RIBBON INKERS LTD.                | 2,334,993 |
| PAUKKUNEN, VELI-MATTI  | 2,334,451 | PLACEWARE, INC.                     | 2,334,737 | PROCANIK, MICHAEL J.                      | 2,334,247 |
| PAUL WURTH S.A.  | 2,334,197 | PLACEWARE, INC.                     | 2,334,971 | PROCHASKA, FRANK                          | 2,334,710 |
| PAUL, WYATT  | 2,331,884 | PLAETINCK, GEERT                    | 2,332,619 | PROCTOR, JAMES A., JR.                    | 2,333,729 |
| PAULS, HEINZ W.  | 2,333,994 | PLANT, ANDREW                       | 2,332,723 | PROTIUM METALS INC.                       | 2,334,511 |
| PAVESIO, ALESSANDRA  | 2,332,455 | PLATA-SALAMAN, CARLOS R.            | 2,333,951 | PROTSCH, WALTER                           | 2,335,002 |
| PAYNE, LINDA S.  | 2,333,707 | PLATTEEUW, CHRIST                   | 2,332,619 | PRUSS, THADDEUS P.                        | 2,334,313 |
| PAYNE, RICHARD K.  | 2,333,906 | PLATTNER, HASSO                     | 2,334,865 | PUNCOH, MILAN                             | 2,333,675 |
| PEARCE, GARETH EDWARD STEPHEN                                | 2,335,328 | PLEYERS, GERD                       | 2,334,852 | PURGETT, MARK D.                          | 2,334,579 |
| PEART, STEPHEN   | 2,334,183 | PLOTNICK, BRUCE                     | 2,334,943 | QD ENTERPRISES, LLC                       | 2,335,064 |
| PEDDIE, RONALD O.  | 2,333,741 | PLOUVIER, BERTRAND M. C.            | 2,334,454 | QI, HUILIN                                | 2,333,893 |
| PEDERSEN, NILS ERIK  | 2,334,829 | PLOWMAN, GREGORY                    | 2,331,889 | QLOGIC CORPORATION                        | 2,335,312 |
| PEKKARINEN, TIMO   | 2,334,657 | PLUMMER, RICHARD M.                 | 2,333,990 | QUALCOMM INCORPORATED                     | 2,334,748 |
| PELOTE, STEVEN T.  | 2,334,172 | PODLESNY, EDWARD JAMES              | 2,334,254 | QUALCOMM INCORPORATED                     | 2,334,911 |
| PENG, DAR-TZEN   | 2,334,009 | POHTO, GERALD R.                    | 2,334,774 | QUALCOMM INCORPORATED                     | 2,335,136 |
| PENHAS, YUVAL  | 2,333,652 | POINT THERAPEUTICS, INC.            | 2,334,155 | QUALITZ, JOSEPH E.                        | 2,334,912 |
| PENNINGS, ALBERT JOHAN                                       | 2,334,110 | POINTING, MICHAEL EDWARD            | 2,334,150 | QUARATINO, SONIA                          | 2,333,923 |
| PERE, PAUL   | 2,333,993 | POIRIER, JUDES                      | 2,333,946 | QUASTEL, DAVID M. J.                      | 2,334,481 |
| PERKINELMER INSTRUMENTS LLC                                  | 2,333,956 | POITOUT, LYDIE FRANCINE             | 2,334,945 | QUEEN'S UNIVERSITY AT KINGSTON            | 2,334,550 |
| PERO, RONALD W.  | 2,334,788 | POLEFKA, THOMAS GREGORY             | 2,333,736 | QUIOT, JEAN-MARIE                         | 2,332,612 |
| PERRET, MICHEL   | 2,334,991 | POLLESELLO, PIERO                   | 2,334,910 | QUIRKE, THOMAS                            | 2,334,210 |
| PERUMATTAM, JOHN J.  | 2,332,459 | POLYEITAN COMPOSITES LTD.           | 2,334,734 | R. CONRADER COMPANY                       | 2,334,742 |
| PERVAN, DARKO  | 2,333,941 | POLYGANICS B.V.                     | 2,334,110 | RAAIJMAKERS, HENDRICUS WILHELMUS CAROLINA | 2,334,653 |
| PERVAN, DARKO  | 2,333,962 | POMEROY, TRENTON A.                 | 2,334,203 | RAAIJMAKERS, HENDRICUS WILHELMUS CAROLINA | 2,334,782 |
| PESCHKE, BERND   | 2,334,315 | POPOVSKY, FRANK ALEXANDER           | 2,334,104 | RABINOVICH, WILLIAM S.                    | 2,335,121 |
| PETERS, BERND WILLI  | 2,334,455 | PORT, ANTHONY B.                    | 2,334,603 | RADOUX, HENRI                             | 2,334,197 |
| PETERSON, ANDREW C.  | 2,334,313 | PORTER, KELVIN                      | 2,334,179 | RAEMAEKERS, KAREL GERARDUS HUBERTUS       | 2,335,063 |
| PETERSON, THOMAS H.  | 2,335,051 | PORTER, SIMON J.                    | 2,334,603 | RAHKOMAA, JOUNI                           | 2,334,207 |
| PETERZELL, PAUL E.   | 2,334,911 | PORTOLA PACKAGING, INC.             | 2,334,036 | RAISER, FRANZ                             | 2,333,671 |
| PETIT, FRANCK  | 2,330,210 | POSNER, GARY H.                     | 2,334,347 | RAISIO YHTYMA OYJ                         | 2,334,451 |
| PETTERSSON, STEN   | 2,334,378 | POTTER, BARRY VICTOR LLOYD          | 2,334,119 | RAMACHANDRAN, VASANTHI                    | 2,330,246 |
| PETTIGREW, JOHN DOUGLAS                                      | 2,334,750 | POURSANIDIS, GEORGIOS               | 2,334,158 | RAMESH, RAJARAM                           | 2,333,723 |
| PFIZER PRODUCTS INC.   | 2,334,012 | POWELL, GERARD A.                   | 2,334,758 | RAMGEN POWER SYSTEMS, INC.                | 2,334,977 |
| PFIZER PRODUCTS INC.   | 2,335,134 | PRATT & WHITNEY CANADA CORP.        | 2,333,932 | RAMPAGE VENTURES INC.                     | 2,326,157 |
| PHARMACIA & UPJOHN COMPANY                                   | 2,334,811 | PRATT & WHITNEY CANADA CORP.        | 2,333,934 | RAMSEY, J. MICHAEL                        | 2,334,749 |
| PHARMACYCLICS, INC.  | 2,334,809 | PRATT & WHITNEY CANADA CORP.        | 2,333,936 | RANALLI, ELISEO R.                        | 2,334,033 |
| PHELPS, STEPHEN LAWRENCE                                     | 2,332,718 | PRATT & WHITNEY CANADA CORP.        | 2,333,959 | RAND, MATHEW D.                           | 2,333,890 |
| PHILLIPS, WENDELL G.   | 2,334,221 | PRATT & WHITNEY CANADA CORP.        | 2,333,991 | RAND, MATTHEW D.                          | 2,333,893 |
| PHOENIXBILT INDUSTRIES LTD.                                  | 2,335,180 | PRATT & WHITNEY CANADA CORP.        | 2,333,996 | RANDEN, TRYGVE                            | 2,334,011 |
| PICCIRIELLO, AGOSTINO  | 2,334,153 | PRATT & WHITNEY CANADA CORP.        | 2,333,996 | RANDJELOVIC, ERLIN A.                     | 2,334,766 |
| PIEJKO, KARL-ERWIN   | 2,334,998 | PRATT & WHITNEY CANADA CORP.        | 2,335,321 | RAPOPORT, WILLIAM ROSS                    | 2,334,868 |
| PIENISAARI, HEIKKI   | 2,334,591 | PRATT & WHITNEY CANADA INC.         | 2,333,695 | RAPPENECKER, HERMANN                      | 2,334,674 |
|  |           | PRECISION PRODUCTS SYSTEMS, LLC     | 2,334,574 | RASMUSSEN, FLEMMING                       | 2,333,717 |
|  |           |                                     |           | RASSART, ERIC                             | 2,333,946 |
|  |           |                                     |           | RASTAS, JUSSI KALEVI                      | 2,333,967 |
|  |           |                                     |           | RATA, ILKKA                               | 2,334,781 |
|  |           |                                     |           | RATHBONE, MICHAEL JOHN                    | 2,334,296 |
|  |           |                                     |           | RATKAI, ZOLTAN                            | 2,334,220 |
|  |           |                                     |           | RATY, JARKKO                              | 2,334,834 |
|  |           |                                     |           | RAWERT, JURGEN                            | 2,333,682 |

## Index of PCT Applications Entering the National Phase

|                          |           |                           |           |                           |           |
|--------------------------|-----------|---------------------------|-----------|---------------------------|-----------|
| RAY, DIPANKAR            | 2,333,724 | RITTER, KURT              | 2,332,641 | RTP PHARMA INC.           | 2,333,648 |
| READ, BRIAN J.           | 2,335,180 | RIVER VALLEY              |           | RUBEN, STEVEN M.          | 2,333,917 |
| REALE S.R.L.             | 2,335,057 | ENDODONTICS, P.A.         | 2,334,687 | RUBIN, ALBERT L.          | 2,334,483 |
| REBBE, KLAUS             | 2,333,548 | RIZZO, MICHAEL            | 2,333,712 | RUBIN, PAUL D.            | 2,334,369 |
| REBHAN, RICHARD          | 2,334,855 | ROAD WARE B.V.            | 2,334,585 | RUBINGH, DONN NELTON      | 2,332,564 |
| REDDINGTON, ERIK         | 2,334,390 | ROBART, DAVID             | 2,334,185 | RUELLE, JEAN-LOUIS        | 2,330,240 |
| REDDY, ROOPA             | 2,331,386 | ROBBINS, EDWARD S., III   | 2,334,838 | RUETER, MICHAEL A.        | 2,334,027 |
| REDDY, ROOPA M.          | 2,332,307 | ROBBINS, JOHN C.          | 2,334,838 | RUHA, PEKKA               | 2,334,834 |
| REDMOND, DAVID B.        | 2,334,806 | ROBERT BOSCH GMBH         | 2,334,414 | RUMIN, SYLVIE             | 2,334,767 |
| REED, BRENDAN            |           | ROBERTS, MARVIN E.        | 2,334,740 | RUOTTINEN, PER            | 2,334,855 |
| CHRISTOPHER              | 2,333,876 | ROBERTSON, SARAH          | 2,331,890 | RUPNIAK, NADIA MELANIE    | 2,334,580 |
| REED, MICHAEL JOHN       | 2,334,119 | ROBINSON, JANINE          | 2,334,978 | RUSSELL, ANTHONY          | 2,334,690 |
| REEH, ERNEST S.          | 2,334,687 | ROBOTICS CABLING GMBH     |           | RUSSELL, GARY PAUL        | 2,334,573 |
| REGENT COURT             |           | KABEL VERLEGUNG           | 2,334,017 | RUSSELL-JONES, GREG       | 2,334,598 |
| TECHNOLOGIES             | 2,334,186 | ROCCO, VINCENT PATRICK    | 2,334,677 | RUTTEN, PHILIPPE W. M.    | 2,335,052 |
| REHRIG PACIFIC COMPANY   | 2,334,326 | ROCCO, VINCENT PATRICK    | 2,335,322 | RYE.ANG.RD, HENRIK        | 2,334,939 |
| REICHMAN, BENJAMIN       | 2,334,363 | ROCHE DIAGNOSTICS         |           | RYLATT, DENNIS BRIAN      | 2,333,655 |
| REIN, DMITRY M.          | 2,334,734 | CORPORATION               | 2,333,686 | RYPACEK, FRANTISEK        | 2,334,154 |
| REITZ, ALLEN B.          | 2,333,951 | ROCHE DIAGNOSTICS         |           | S. C. JOHNSON & SON, INC. | 2,334,793 |
| RELANCE MACHINE          |           | CORPORATION               | 2,333,732 | S.D. WARREN SERVICES      |           |
| COMPANY                  | 2,334,719 | ROCHE DIAGNOSTICS         |           | COMPANY                   | 2,334,698 |
| REMAEL, FRANCOIS-ARNAUD  | 2,334,301 | CORPORATION               | 2,333,875 | SABAN, DANIEL MICHAEL     | 2,334,319 |
| REMLING, ANDREAS         | 2,332,449 | ROCHE DIAGNOSTICS         |           | SAEKI, TOSHINA            | 2,334,666 |
| RENALTECH INTERNATIONAL, |           | CORPORATION               | 2,334,276 | SAGAWA, HIROAKI           | 2,334,249 |
| LLC                      | 2,334,680 | ROCHESTER, GEOFFREY       |           | SAGAWA, HIROAKI           | 2,334,312 |
| RENDINA, DAVID DECK      | 2,334,323 | KENNETH                   | 2,334,715 | SAGI, KAZUYUKI            | 2,334,476 |
| RENVAZE, CHRISTOPHE      | 2,334,692 | ROCK, JOHN PAUL           | 2,334,231 | SAGORSKIJ, VLADIMIR       |           |
| REPROGEN, INC.           | 2,334,117 | ROCKS, JENS               | 2,334,824 | ALEXANDROVICH             | 2,334,934 |
| RESEARCH IN MOTION       |           | RODEN, THOMAS GILBERT III | 2,334,009 | SAHA, UTTAM               | 2,334,338 |
| LIMITED                  | 2,333,881 | RODGERS, JAMES D.         | 2,333,643 | SAIKKONEN, PEKKA          | 2,333,967 |
| RESEARCH TRIANGLE        |           | ROE, DONALD CARROLL       | 2,333,767 | SAINT-GERMAIN, JEAN       | 2,334,870 |
| INSTITUTE                | 2,333,668 | ROE, DONALD CARROLL       | 2,333,874 | SAINT-GOBAIN ISOVER       | 2,334,765 |
| RESEARCH TRIANGLE        |           | ROE, DONALD CARROLL       | 2,333,957 | SAINT-GOBAIN RECHERCHE    | 2,334,846 |
| INSTITUTE                | 2,333,669 | ROE, DONALD CARROLL       | 2,334,180 | SAITO, MIKIYOSHI          | 2,331,917 |
| RESTAURANT TECHNOLOGY,   |           | ROE, DONALD CARROLL       | 2,334,984 | SAKAGUCHI, KOICHI         | 2,332,587 |
| INC.                     | 2,334,108 | ROE, DONALD CARROLL       | 2,335,334 | SAKAI, KOJI               | 2,334,181 |
| RESUME NETWORK PTY LTD.  | 2,334,871 | ROESLER, RICHARD          | 2,334,114 | SAKAMOTO, GODO            | 2,334,015 |
| REVLON CONSUMER          |           | ROGERS, JOHN G.           | 2,334,748 | SAKANO, HAJIME            | 2,333,746 |
| PRODUCTS                 |           | ROGERS, MARTIN E.         | 2,334,464 | SAKATA, KEI               | 2,334,672 |
| CORPORATION              | 2,334,531 | ROGERS, MARTIN E.         | 2,334,828 | SAKO, TAKASHI             | 2,333,762 |
| REY, CLAUDIO G.          | 2,333,527 | ROGESTEDT, LAILA          | 2,334,789 | SAKO, TAKASHI             | 2,333,924 |
| REYNOLDS, ANDREW PAUL    | 2,334,881 | ROH, SANG-HO              | 2,334,382 | SAKO, TAKASHI             | 2,333,953 |
| REYSACK, JAMES JARVIS    | 2,335,142 | ROH, SANG-HO              | 2,334,953 | SAKS, SAMUEL R.           | 2,333,688 |
| RHEE, RICHARD S.         | 2,334,835 | ROH, SANG-HO              | 2,334,954 | SALAM, FATHI M.           | 2,334,861 |
| RHODIA CHIMIE            | 2,334,848 | ROHRER, HELMUT            | 2,334,527 | SALAMA, FOUAD A.          | 2,334,362 |
| RHODIA ENGINEERING       |           | ROMANI, GIUSEPPE          | 2,335,321 | SALOMONS, WILLEMEN G.     | 2,334,796 |
| PLASTICS S.R.L.          | 2,334,986 | ROMBACH, PIRMIN           | 2,334,640 | SALUZ, HANS-PETER         | 2,334,619 |
| RHODIA RARE EARTHS INC.  | 2,333,664 | ROMERO, FRANCISCO JAVIER  | 2,334,670 | SAMJIN PHARMACEUTICAL     |           |
| RHODER, BETH             | 2,334,984 | ROMINE, RICHARD L.        | 2,334,774 | CO., LTD.                 | 2,334,317 |
| RICCI, PATRIZIO          | 2,333,894 | RONIN, VLADIMIR           | 2,334,380 | SAMPATH, PARTHASARATHY    | 2,333,932 |
| RICE, JOHN               | 2,333,529 | RONN, KARL PATRICK        | 2,333,767 | SAMPATH, PARTHASARATHY    | 2,333,936 |
| RICHARD, XAVIER          | 2,334,800 | RONN, KARL PATRICK        | 2,334,984 | SAMSON, WILFRED J.        | 2,334,978 |
| RICHTER, SIEGFRIED       | 2,335,068 | ROSCAL SC                 | 2,334,090 | SAMSUNG ELECTRONICS CO.,  |           |
| RICHTER, STEFAN LUTZ     |           | ROSCHANGAR, FRANK         | 2,334,342 | LTD.                      | 2,334,358 |
| (deceased)               | 2,334,315 | ROSE, THOMAS H.           | 2,334,762 | SAMSUNG ELECTRONICS CO.,  |           |
| RIGHTMAN, PAUL J.        | 2,334,199 | ROSEN, BERT STEFFEN       | 2,334,935 | LTD.                      | 2,334,898 |
| RICKMAN, ANDREW GEORGE   | 2,334,756 | ROSEN, CRAIG A.           | 2,333,917 | SAMSUNG ELECTRONICS CO.,  |           |
| RIEDL, BERND             | 2,333,955 | ROSINGER, CHRISTOPHER     | 2,335,327 | LTD.                      | 2,335,028 |
| RIEGERT, RONALD JACK     | 2,334,353 | ROSS, DAVID J.            | 2,334,911 | SANDBERG, GLENN           | 2,334,166 |
| RIES, KEVIN LYALL        | 2,332,714 | ROSS, TINA MORGAN         | 2,333,951 | SANDELL, TORSTEN          | 2,334,586 |
| RIGIFLEX INTERNATIONAL   | 2,334,090 | ROTELLA, DAVID P.         | 2,334,970 | SANDER, MICHAEL           | 2,335,068 |
| RIJKSUNIVERSITEIT TE     |           | ROTGER, JEAN-CHRISTOPHE   | 2,334,994 | SANDERS, STAN A.          | 2,334,286 |
| GRONINGEN                | 2,334,956 | ROTH, BRADLEY ALLEN       | 2,336,207 | SANO, AKIHIKO             | 2,329,129 |
| RISAGER, LARS            | 2,333,717 | ROTH, JEAN-LUC            | 2,334,197 | SANO, YOSHIKAZU           | 2,334,540 |
| RISHEA, MARC MURRAY      | 2,334,511 | ROTHSCHILD, KENNETH J.    | 2,333,987 | SANOFI-SYNTHELABO         | 2,334,870 |
| RITE-HITE HOLDING        |           | ROUSSEAU, ALAIN           | 2,334,759 | SANTAMARIA, JESUS M.      | 2,334,731 |
| CORPORATION              | 2,334,691 | ROWLEY, MICHAEL           | 2,334,817 | SANYO ELECTRIC CO., LTD.  | 2,334,240 |
| RITE-HITE HOLDING        |           | ROYCE MEDICAL PRODUCTS    | 2,334,172 | SAP AKTIENGESELLSCHAFT    | 2,334,865 |
| CORPORATION              | 2,334,747 | ROZANOWICH, MARIO         | 2,334,174 | SAPIENZA, ANTHONY         | 2,334,390 |
|                          |           | ROZENBERG, YANINA         | 2,333,855 |                           |           |

## Index des demandes PCT entrant en phase nationale

|   |           |                              |           |  |           |
|---|-----------|------------------------------|-----------|--|-----------|
| SAPPORO BREWERIES LIMITED               | 2,333,302 | SCHOLER, STEPHAN             | 2,334,936 | SHEPARD, JOHN WAYNE  | 2,333,958 |
| SARNO, CLAUDE                           | 2,334,997 | SCHOLTEN, JEFFREY A.         | 2,333,691 | SHEPPARD, PAUL O.  | 2,331,253 |
| SARNOFF CORPORATION                     | 2,333,713 | SCHORNSTEIN, STEFAN          | 2,334,414 | SHEPPARD, SCOTT THOMAS   | 2,334,823 |
| SARTORI, FRANCO                         | 2,334,893 | SCHRECK, DAVID JAMES         | 2,335,051 | SHER, ALEXANDER A.   | 2,334,489 |
| SASOL TECHNOLOGY (PROPRIETARY) LIMITED  | 2,334,731 | SCHREINER, GEORGE F.         | 2,332,459 | SHERMAN, ADAM  | 2,334,882 |
| SATO, FUMIE                             | 2,334,355 | SCHROETER, RENATA            | 2,332,592 | SHETTY, RUPA S.  | 2,333,668 |
| SATO, HIDEO                             | 2,333,884 | SCHUHMACHER, JOACHIM         | 2,333,955 | SHETTY, RUPA S.  | 2,333,669 |
| SATO, MASAYUKI                          | 2,334,412 | SCHUKRA-GERATEBAU AG         | 2,334,379 | SHI, YANG-GU   | 2,333,917 |
| SATRAN, AMIR                            | 2,333,652 | SCHULTE, BERND               | 2,334,678 | SHIGETA, YUKIHIRO  | 2,334,412 |
| SAUCY, GABRIEL G.                       | 2,332,308 | SCHULTE-KELLINGHAUS, HERMANN | 2,333,694 | SHIMAMOTO, NOBUO   | 2,329,131 |
| SAUERBIER, DIETER                       | 2,333,682 | SCHULZ, VINCENT PETER        | 2,332,625 | SHIMIZU, YASUHIKO  | 2,334,664 |
| SAUL, ANDREW M., II                     | 2,334,644 | SCHULZE, JURGEN              | 2,335,002 | SHIMOIDE, KOJI   | 2,334,952 |
| SAUNDERS, CHARLES WINSTON               | 2,332,564 | SCHULZE, KLAUS               | 2,333,904 | SHIMOTAKA, KANTA   | 2,334,181 |
| SAUNDERS, RALPH E.                      | 2,335,120 | SCHUMANN, KARL MICHAEL       | 2,334,180 | SHIN, SOO-JUNG   | 2,334,382 |
| SAUSVILLE, EDWARD A.                    | 2,335,115 | SCHURR, MARC O.              | 2,333,690 | SHIN, SOO-JUNG   | 2,334,953 |
| SAVIANO, PAUL G.                        | 2,333,956 | SCHUTTE, HARM KORNELIS       | 2,334,956 | SHIN, SOO-JUNG   | 2,334,954 |
| SCARPITTA, ALAIN                        | 2,334,847 | SCHUTTE, WOLFGANG            | 2,333,675 | SHIN, TAE-YOUNG  | 2,334,382 |
| SCATES, JOHN E.                         | 2,334,407 | SCHWARZ, HANS VOLKMAR        | 2,335,068 | SHIN, TAE-YOUNG  | 2,334,953 |
| SCHACHT, WILLIAM FREDERICK              | 2,333,581 | SCIMED LIFE SYSTEMS, INC.    | 2,334,810 | SHIN, TAE-YOUNG  | 2,334,954 |
| SCHALCH, DIRK                           | 2,333,659 | SCIOS INC.                   | 2,332,459 | SHINADA, SATOSHI   | 2,334,145 |
| SCHALLER, LAURENT                       | 2,333,999 | SCOTT LABORATORIES, INC.     | 2,334,408 | SHINOHARA, AKIO  | 2,334,672 |
| SCHALLER, LAURENT                       | 2,334,000 | SCOTT, GARY K.               | 2,331,266 | SHINOZAKI, KATSUO  | 2,334,798 |
| SCHATZ, JOEL                            | 2,334,936 | SCOTT, M. JAMES              | 2,333,878 | SHIONOGI & CO., LTD.   | 2,333,515 |
| SCHIEFFEE, ROBERT S.                    | 2,333,942 | SCOTT, MALCOLM K.            | 2,333,951 | SHIONOGI & CO., LTD.   | 2,333,868 |
| SCHEMPFF, HAGEN                         | 2,334,106 | SCRIBNER, ROBERT M.          | 2,333,761 | SHIOTANI, KAZUHIKO   | 2,333,526 |
| SCHEMPFF, HAGEN                         | 2,334,470 | SEAH, MOON MING              | 2,334,488 | SHIRLEY, LYLE  | 2,334,037 |
| SCHENONE, MICHAEL A.                    | 2,333,639 | SEANTIER, JACKY              | 2,334,983 | SHIVANAND, PADMAJA   | 2,333,688 |
| SCHERING                                | 2,334,780 | SECORD, DENVER D.            | 2,334,463 | SHOJAEE-MORADI, FARIBA   | 2,334,859 |
| AKTIENGESELLSCHAFT SCHERING CORPORATION | 2,332,573 | SEDLACEK, HANS-HARALD        | 2,333,912 | SHOJI, MASATAKA  | 2,334,476 |
| SCHERING CORPORATION                    | 2,334,298 | SEGAL, SCOTT                 | 2,335,064 | SHOKOOHI, MEHRDAD  | 2,335,333 |
| SCHIEBER, WILLIAM M.                    | 2,334,218 | SEGLEN, PER                  | 2,334,686 | SHRIVASTAVA, DILIP K.  | 2,334,755 |
| SCHIEFFER TOR-UND SCHUTZSYSTEME GMBH    | 2,333,675 | SEID, CHRISTOPHER ALLEN      | 2,335,337 | SHTIVELMAN, YURI   | 2,334,513 |
| SCHIEFLO, PER ARNE                      | 2,333,696 | SEIKO EPSON CORPORATION      | 2,334,145 | SHUBER, ANTHONY P.   | 2,331,254 |
| SCHIEFLO, PER ARNE                      | 2,333,995 | SEKI, RYUJI                  | 2,334,518 | SIAMON, AL   | 2,333,749 |
| SCHIESSL, HELMUT R.                     | 2,334,866 | SEKINO, HITOSHI              | 2,334,724 | SIEGEL, WOLFGANG   | 2,334,151 |
| SCHLACK, RICHARD E.                     | 2,333,990 | SEKIYA, HIROSHI              | 2,333,720 | SIEMENS  | 2,334,641 |
| SCHLEGEL, CHRISTIAN                     | 2,333,980 | SEKIYA, KUNIO                | 2,333,720 | AKTIENGESELLSCHAFT SIEMENS   | 2,334,699 |
| SCHLUMBERGER CANADA LIMITED             | 2,334,011 | SELIFONOV, SERGEY, A.        | 2,332,615 | AKTIENGESELLSCHAFT SIEMENS   | 2,334,917 |
| SCHMID, HANS-PETER                      | 2,330,210 | SEMTECH CORPORATION          | 2,334,738 | AKTIENGESELLSCHAFT SIEMENS INFORMATION AND COMMUNICATION NETWORKS S.P.A. | 2,334,153 |
| SCHMIDT, MANFRED                        | 2,334,917 | SENASACK, H. E.              | 2,335,121 | SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC.                     | 2,333,304 |
| SCHMIDT, MATIAS                         | 2,333,767 | SENNINGER, THIERRY           | 2,334,845 | SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC.                     | 2,333,305 |
| SCHMIDT, MATTIAS                        | 2,333,697 | SEPRACOR INC.                | 2,334,369 | SIEVERNICH, BERND  | 2,334,467 |
| SCHMIDT, MATTIAS                        | 2,333,719 | SERAVALLI, LUCIANO           | 2,334,392 | SIEVERNICH, BERND  | 2,334,955 |
| SCHMIDT, MATTIAS                        | 2,333,760 | SEREDA, ANATOLY PAVLOVICH    | 2,334,763 | SIGGEL, LORENZ   | 2,334,151 |
| SCHMIDT, MATTIAS                        | 2,333,765 | SERES, PETER                 | 2,334,220 | SIGMA-ALDRICH CO.  | 2,334,582 |
| SCHMIDT, MATTIAS                        | 2,333,874 | SESSLER, JONATHAN L.         | 2,334,809 | SIGMA-TAU HEALTHSCIENCE S.P.A.   | 2,334,858 |
| SCHMIDT, MATTIAS                        | 2,333,957 | SETARO, JOSEPH               | 2,334,219 | SIGMA-TAU HEALTHSCIENCE S.P.A.   | 2,334,875 |
| SCHMIDT, MATTIAS                        | 2,334,158 | SEVERIN, JANE E.             | 2,334,760 | SIGMA-TAU HEALTHSCIENCE S.P.A.   | 2,334,877 |
| SCHMIDT, MATTIAS                        | 2,334,162 | SHAH, ALI R.                 | 2,334,244 | SIGMA-TAU HEALTHSCIENCE S.P.A.   | 2,335,015 |
| SCHMIDT, MATTIAS                        | 2,334,180 | SHAH, RAHUL                  | 2,334,238 | SIGNATURE MOUTHGUARDS PTY. LIMITED                                       | 2,334,318 |
| SCHMIDT, MATTIAS                        | 2,334,984 | SHAHADEH, NAIM               | 2,334,222 | SIGNS, STEVEN A.   | 2,334,712 |
| SCHMIDT, MATTIAS                        | 2,335,334 | SHALOTSKY, CHARLES GEORGE    | 2,334,531 | SIKORSKI, JAMES A.   | 2,333,691 |
| SCHMIDT, MATTIAS                        | 2,335,622 | SHAMOUN, BASSAM              | 2,334,388 | SILICON IMAGE, INC.  | 2,334,111 |
| SCHMIDT, MATTIAS                        | 2,335,625 | SHAPIRO, LILIA               | 2,334,996 | SIMANDI, CLAUD   | 2,333,895 |
| SCHMIDT, STEVEN P.                      | 2,334,712 | SHARMA, SUNITI               | 2,334,517 | SIMHAMBHATLA, MURTHY   | 2,334,768 |
| SCHNABLE, PATRICK S.                    | 2,331,327 | SHARMA, UMENDER              | 2,330,246 |  |           |
| SCHNEIDER, MAXIMILIAN                   | 2,334,211 | SHARP, FRASER R.             | 2,333,907 |  |           |
| SCHNEIDER, PATRICK                      | 2,334,117 | SHARRIT, JOHN PAUL           | 2,333,940 |  |           |
| SCHNEIDER, PETRA                        | 2,332,584 | SHARRIT, JOHN PAUL           | 2,333,958 |  |           |
| SCHNORRENBERG, GERD                     | 2,333,689 | SHATZER, TERESA              | 2,333,307 |  |           |
| SCHOAFF, PETER CHRISTOPHER              | 2,334,626 | SHEALY, J. RICHARD           | 2,334,349 |  |           |
| SCHOENE, RAINER WALTER                  | 2,335,622 | SHEARER, BARRY GEORGE        | 2,334,713 |  |           |
|   |           | SHELL CANADA LIMITED         | 2,334,106 |  |           |
|   |           | SHELL CANADA LIMITED         | 2,334,150 |  |           |
|   |           | SHELL CANADA LIMITED         | 2,334,470 |  |           |
|   |           | SHELL CANADA LIMITED         | 2,334,920 |  |           |
|   |           | SHELLEY, STUART J.           | 2,335,072 |  |           |



## Index des demandes PCT entrant en phase nationale

|   |           |   |           |  |           |
|---|-----------|---|-----------|--|-----------|
| SULLIVAN, GEORGE MICHAEL JR.                          | 2,335,319 | TAKEUCHI, SHIGEKI                                 | 2,334,256 | TELTEK CO., LTD.   | 2,334,777 |
| SULLIVAN, ROY H., III                                 | 2,333,690 | TAKAWAKI, TAKAHIKO                                | 2,335,181 | TENCIL LIMITED   | 2,333,882 |
| SULLIVAN, SUSAN J.                                    | 2,334,435 | TALASHEK, TODD                                    | 2,334,635 | TERACOM AB   | 2,334,855 |
| SULLIVAN, TERESA                                      | 2,333,307 | TALMADGE, KAREN D.                                | 2,333,761 | TERADA, MASAOKI  | 2,329,129 |
| SULZBACH, REINHARD                                    | 2,334,105 | TALPAERT, XAVIER                                  | 2,334,846 | TERADA, SHIGENORI  | 2,333,920 |
| SUMITOMO ELECTRIC INDUSTRIES, LTD.                    | 2,334,888 | TAMARACK HABILITATION TECHNOLOGIES, INC.          | 2,335,066 | TERANISHI, TOYOYUKI  | 2,333,758 |
| SUMITOMO PHARMACEUTICALS COMPANY, LIMITED             | 2,329,129 | TAMER INTERNATIONAL, LTD.                         | 2,334,016 | TERASHIMA, HIDEO   | 2,334,329 |
| SUN, YIPING   | 2,332,564 | TAMFELT OYJ ABP                                   | 2,334,357 | TERPSTRA, JACOB  | 2,334,532 |
| SUN, ZAIREN   | 2,330,167 | TAMMI, PASI                                       | 2,334,309 | TERRALIFT INTERNATIONAL, LTD.  | 2,335,119 |
| SUNADA, TAKASHI                                       | 2,333,758 | TANAKA, NOBUYOSHI                                 | 2,334,791 | TERRISE, LAURENCE  | 2,333,946 |
| SUNDHOLM, GORAN                                       | 2,334,694 | TANAMI, TOHRU                                     | 2,334,355 | TETER, EDWARD C.   | 2,334,909 |
| SUNNYBROOK AND WOMEN'S COLLEGE HEALTH SCIENCES CENTRE | 2,335,118 | TANG, WEICI                                       | 2,333,661 | TETZ, MARK   | 2,334,494 |
| SUONPERA, ANTTI                                       | 2,334,657 | TANG, Y. TOM                                      | 2,331,380 | TETZ, VICTOR   |           |
| SUPERGEN, INC.  | 2,333,726 | TANG, Y. TOM                                      | 2,331,386 | VENIAMINOVICH  | 2,333,874 |
| SURGICAL DYNAMICS, INC.                               | 2,335,059 | TANG, Y. TOM                                      | 2,333,006 | TEXAS HEART INSTITUTE  | 2,332,636 |
| SURGICAL INNOVATIONS, LLC                             | 2,334,482 | TANG, Y. TOM                                      | 2,333,467 | TEXTRON FASTENING SYSTEMS LIMITED  | 2,334,216 |
| SUSLOV, NIKOLAJ                                       | 2,334,479 | TANI, MIKKO                                       | 2,335,627 | THANING, CHRISTIAN   | 2,334,109 |
| SUVOROV, ALEXANDER V.                                 | 2,334,339 | TANI, MIKKO                                       | 2,335,631 | THAYER, JONATHAN   | 2,334,882 |
| SUZUKI, NOBUYUKI                                      | 2,334,370 | TANIGUCHI, SHUNRO                                 | 2,334,665 | THE AUSTRALIAN NATIONAL UNIVERSITY                                       | 2,334,322 |
| SUZUKI, TAKUJI  | 2,333,908 | TANIKAWA, KEIZO                                   | 2,334,412 | THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY           | 2,333,750 |
| SVEC, SUSAN L.  | 2,335,041 | TANN, CHRISTOPHER                                 | 2,334,280 | THE BOOTS COMPANY PLC  | 2,332,709 |
| SVENDSEN, ALLAN                                       | 2,332,697 | TANTIVY COMMUNICATIONS, INC.                      | 2,333,729 | THE BRIGHAM AND WOMEN'S HOSPITAL, INC.                                   | 2,333,931 |
| SVENSSON, LENNART O.                                  | 2,334,320 | TAPIC INTERNATIONAL CO., LTD.                     | 2,334,664 | THE CORPORATION OF THE TRUSTEES OF THE ORDER OF THE SISTERS OF MERCY IN  | 2,333,853 |
| SWANSBURG, DARREN B.                                  | 2,334,203 | TARRO, GIULIO                                     | 2,335,636 | THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH              | 2,333,853 |
| SWESSEL, MICHAEL A.                                   | 2,334,747 | TAWIL, CARMEN                                     | 2,333,660 | THE DOW CHEMICAL COMPANY   | 2,333,937 |
| SWITZER, WILLIAM M.                                   | 2,331,260 | TAWIL, SALEEM                                     | 2,333,660 | THE DOW CHEMICAL COMPANY   | 2,333,998 |
| SWORN, GRAHAM   | 2,334,635 | TAYLOR, COLIN                                     | 2,333,531 | THE DOW CHEMICAL COMPANY   | 2,334,146 |
| SYDKRAFT AB   | 2,334,025 | TAYLOR, CRAIG V.                                  | 2,334,736 | THE ENDOWMENT FOR RESEARCH IN HUMAN BIOLOGY, INC.                        | 2,334,830 |
| SYKES, SAMUEL LEE                                     | 2,334,669 | TDK CORPORATION                                   | 2,334,627 | THE GATES CORPORATION  | 2,334,881 |
| SYMANTEC CORPORATION                                  | 2,334,004 | TDK CORPORATION                                   | 2,334,684 | THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO                       | 2,334,175 |
| SYMONDS, KEITH THOMAS                                 | 2,335,011 | TEBRINKE, KEVIN RICHARD                           | 2,334,356 | THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC | 2,331,260 |
| SYNTHE (U.S.A.)                                       | 2,334,443 | TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD. | 2,334,222 | THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC | 2,331,368 |
| SZAMEITAT, KLAUS                                      | 2,334,708 | TEIRSTEIN, PAUL S.                                | 2,334,198 | THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC | 2,333,307 |
| SZE, ROBERT M. L.                                     | 2,333,932 | TEKNOWARE OY                                      | 2,333,704 | THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC | 2,335,121 |
| SZTRUHAR, ILONA                                       | 2,334,220 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,332,719 |  |           |
| SZWEGOLD, BENJAMIN                                    | 2,334,709 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,333,681 |  |           |
| SZYMANSKI, STEVEN                                     | 2,333,663 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,333,694 |  |           |
| T.T.R. TECHNOLOGIES LTD.                              | 2,335,331 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,333,922 |  |           |
| TABUCHI, MASATO                                       | 2,335,138 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,334,001 |  |           |
| TAIPALE, MARI   | 2,334,657 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,334,006 |  |           |
| TAISHO PHARMACEUTICAL CO., LTD.                       | 2,334,355 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,334,195 |  |           |
| TAKADA, SUSUMU  | 2,333,515 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,334,284 |  |           |
| TAKAGAWA, YASUNOBU                                    | 2,333,746 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,334,378 |  |           |
| TAKAGI, JUN   | 2,333,920 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,334,668 |  |           |
| TAKAHARA, AKIRA                                       | 2,334,476 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,334,808 |  |           |
| TAKAKI, KATHERINE S.                                  | 2,334,299 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,334,869 |  |           |
| TAKAMATSU, MIKI                                       | 2,335,620 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,335,020 |  |           |
| TAKARA SHUZO CO., LTD.                                | 2,334,249 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,335,022 |  |           |
| TAKARA SHUZO CO., LTD.                                | 2,334,312 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,332,586 |  |           |
| TAKAYAMA, SUGURU                                      | 2,334,627 | TELEFONAKTIEBOLAGET LM ERICSSON                   | 2,332,593 |  |           |
| TAKAYAMA, SUGURU                                      | 2,334,684 | TELLABS RESEARCH LIMITED                          |           |  |           |
| TAKEDA CHEMICAL INDUSTRIES, LTD.                      | 2,333,759 | TELLABS RESEARCH LIMITED                          |           |  |           |
| TAKEDA CHEMICAL INDUSTRIES, LTD.                      | 2,334,791 |   |           |  |           |
| TAKEDA CHEMICAL INDUSTRIES, LTD.                      | 2,334,815 |   |           |  |           |
| TAKEDA, KATSUO  | 2,331,384 |   |           |  |           |
| TAKEHANA, SHUNJI                                      | 2,334,476 |   |           |  |           |
| TAKEISHI, TAKU  | 2,334,627 |   |           |  |           |
| TAKEISHI, TAKU  | 2,334,684 |   |           |  |           |
| TAKEUCHI, SHIGEKI                                     | 2,334,251 |   |           |  |           |

## Index of PCT Applications Entering the National Phase

|  |           |  |           |                                   |           |
|--|-----------|--|-----------|-----------------------------------|-----------|
| THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE | 2,335,115 | THE PROCTER & GAMBLE COMPANY   | 2,334,623 | THEOPHALL, PETER                  | 2,334,132 |
| THE GOVERNMENT OF THE UNITED STATES, REPRESENTED BY THE SECRETARY OF THE | 2,334,745 | THE PROCTER & GAMBLE COMPANY   | 2,334,752 | THERMAL INDUSTRIES, INC.          | 2,334,167 |
| THE LIONS EYE INSTITUTE OF WESTERN AUSTRALIA, INCORPORATED               | 2,334,825 | THE PROCTER & GAMBLE COMPANY   | 2,334,801 | THERMOGEN, INC.                   | 2,332,638 |
| THE MATHILDA AND TERENCE KENNEDY INSTITUTE OF RHEUMATOLOGY               | 2,333,923 | THE PROCTER & GAMBLE COMPANY   | 2,334,818 | THERRE, JORG                      | 2,335,068 |
| THE MEAD CORPORATION   | 2,334,005 | THE PROCTER & GAMBLE COMPANY   | 2,334,826 | THIDE ENVIRONNEMENT               | 2,334,638 |
| THE MICROSEARCH FOUNDATION OF AUSTRALIA                                  | 2,335,323 | THE PROCTER & GAMBLE COMPANY   | 2,334,984 | THIERION, PHILIPPE                | 2,334,097 |
| THE NATIONAL LIBRARY BOARD   | 2,334,488 | THE PROCTER & GAMBLE COMPANY   | 2,335,036 | THIN FILM ELECTRONICS ASA         | 2,334,287 |
| THE PENN RESEARCH FOUNDATION   | 2,334,390 | THE PROCTER & GAMBLE COMPANY   | 2,335,037 | THIN FILM ELECTRONICS ASA         | 2,334,862 |
| THE PROCTER & GAMBLE COMPANY   | 2,330,394 | THE PROCTER & GAMBLE COMPANY   | 2,335,174 | THOMAS, DAVID BRIAN               | 2,333,891 |
| THE PROCTER & GAMBLE COMPANY   | 2,332,564 | THE PROCTER & GAMBLE COMPANY   | 2,335,176 | THOMAS, GERARD                    | 2,334,851 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,697 | THE PROCTER & GAMBLE COMPANY   | 2,335,177 | THOMAS, HOWARD                    | 2,334,210 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,714 | THE PROCTER & GAMBLE COMPANY   | 2,335,334 | THOMAS, ROBERT JOHN               | 2,334,714 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,718 | THE PROCTER & GAMBLE COMPANY   | 2,335,622 | THOMASCHEFSKY, CRAIG FARRELL      | 2,332,721 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,719 | THE PROCTER & GAMBLE COMPANY   | 2,335,625 | THOMASSON, DANIEL B.              | 2,334,862 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,760 | THE QUEEN'S UNIVERSITY OF BELFAST  | 2,332,627 | THOMPSON, ANDREW H.               | 2,333,996 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,762 | THE REGENTS OF THE UNIVERSITY OF CALIFORNIA                              | 2,331,266 | THOMPSON, DAVID DUANE             | 2,335,134 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,765 | THE REGENTS OF THE UNIVERSITY OF CALIFORNIA                              | 2,334,238 | THOMPSON, ERIC                    | 2,334,253 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,767 | THE ROCKEFELLER UNIVERSITY   | 2,331,888 | THOMSON-CSF SEXTANT               | 2,334,997 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,874 | THE ROGOSIN INSTITUTE  | 2,334,483 | THORBJORNSSON, SVEN-INGVAR        | 2,334,578 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,876 | THE SALK INSTITUTE FOR BIOLOGICAL STUDIES                                | 2,334,812 | THORN, LARS                       | 2,334,789 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,894 | THE SCRIPPS RESEARCH INSTITUTE   | 2,334,342 | THORNTON, RICHARD T.              | 2,334,138 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,924 | THE SECRETARY OF STATE FOR DEFENCE                                       | 2,332,591 | THURIEAU, CHRISTOPHE ALAIN        | 2,334,945 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,953 | THE SECRETARY OF STATE FOR DEFENCE                                       | 2,334,916 | THURNAY, EVA SUSANNE DOMINIQUE    | 2,334,826 |
| THE PROCTER & GAMBLE COMPANY   | 2,333,957 | THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT | 2,335,183 | THYAGARAJAN, SADRAS PANCHATCHARAM | 2,334,754 |
| THE PROCTER & GAMBLE COMPANY   | 2,334,031 | THE STANDARD REGISTER COMPANY  | 2,334,314 | TIEU, LOC B.                      | 2,334,474 |
| THE PROCTER & GAMBLE COMPANY   | 2,334,158 | THE TITAN CORPORATION  | 2,335,319 | TIMKEN, HYE KYUNG CHO             | 2,333,986 |
| THE PROCTER & GAMBLE COMPANY   | 2,334,162 | THE UNIVERSITY OF MELBOURNE  | 2,334,670 | TIMM MEDICAL TECHNOLOGIES, INC.   | 2,334,387 |
| THE PROCTER & GAMBLE COMPANY   | 2,334,163 | THE UNIVERSITY OF MINNESOTA  | 2,334,940 | TIMM, GERALD W.                   | 2,334,387 |
| THE PROCTER & GAMBLE COMPANY   | 2,334,173 | THE UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCAT | 2,334,940 | TINKER, ALAN                      | 2,334,515 |
| THE PROCTER & GAMBLE COMPANY   | 2,334,180 | THE UNIVERSITY OF QUEENSLAND   | 2,334,750 | TINKL, MICHAEL                    | 2,334,341 |
| THE PROCTER & GAMBLE COMPANY   | 2,334,337 | THEISZ, LAWRENCE C.  | 2,333,769 | TIPTON, ROBERT J.                 | 2,332,716 |
|  |           |  |           | TKATCH, RANDY T.                  | 2,334,133 |
|  |           |  |           | TOBIN, MATTHEW                    | 2,331,263 |
|  |           |  |           | TODOROV, ALEXANDER D.             | 2,335,313 |
|  |           |  |           | TOERNER, WILLIAM JOSEPH           | 2,333,876 |
|  |           |  |           | TOIVANEN, HEIKKI                  | 2,334,781 |
|  |           |  |           | TOMA, ITSUKI                      | 2,334,540 |
|  |           |  |           | TOMASELLO, ANTHONY J.             | 2,334,398 |
|  |           |  |           | TOMITA, AKIRA                     | 2,333,989 |
|  |           |  |           | TOMLINSON, GERALD J.              | 2,334,108 |
|  |           |  |           | TOMMI LAINE TRADING OY            | 2,334,309 |
|  |           |  |           | TOMONO, JUN                       | 2,334,249 |
|  |           |  |           | TONKS, DAVID JOHN                 | 2,334,738 |
|  |           |  |           | TORGOVNIKOV, GRIGORY              | 2,334,670 |
|  |           |  |           | TORRENT PHARMACEUTICALS LTD.      | 2,334,937 |
|  |           |  |           | TORSIELLO, STEPHANE               | 2,334,092 |
|  |           |  |           | TOTH, MIHALY V.                   | 2,333,691 |
|  |           |  |           | TOTO LTD.                         | 2,334,366 |
|  |           |  |           | TOWNSEND, DONALD J.               | 2,334,385 |
|  |           |  |           | TOYODA, TETSUYA                   | 2,331,920 |
|  |           |  |           | TOYOTA JIDOSHA KABUSHIKI KAISHA   | 2,334,630 |
|  |           |  |           | TRAEGER, JULES                    | 2,334,987 |
|  |           |  |           | TRAMONTANA, PRISCILLA M.          | 2,334,673 |
|  |           |  |           | TRAN, LEKHANG                     | 2,333,707 |
|  |           |  |           | TRAN, THINH D.                    | 2,335,312 |
|  |           |  |           | TRANAPP, NORBERT                  | 2,334,373 |
|  |           |  |           | TRANSVASCULAR, INC.               | 2,333,764 |
|  |           |  |           | TREGASKISS LTD.                   | 2,334,118 |
|  |           |  |           | TREMEL, WALLY                     | 2,333,878 |
|  |           |  |           | TREPO, CHRISTIAN                  | 2,334,767 |
|  |           |  |           | TRETIKOV, ALEXANDRE               | 2,334,619 |
|  |           |  |           | TRIBBETT, KEVIN                   | 2,333,872 |

## Index des demandes PCT entrant en phase nationale

|   |           |  |           |   |           |
|---|-----------|--|-----------|---|-----------|
| TRICKETT, RODNEY IAN                                      | 2,335,323 | UNIVERSITY OF SOUTHERN CALIFORNIA                          | 2,333,855 | VERMEULEN, BART                         | 2,333,992 |
| TRIFLO MEDICAL, INC.                                      | 2,334,433 | UNIVERSITY OF VERMONT AND STATE                            |           | VESUVIUS CRUCIBLE COMPANY               | 2,334,725 |
| TRIPATHY, RABINDRANATH                                    | 2,334,189 | AGRICULTURE COLLEGE  | 2,333,890 | VIDAURRE, H. VICTOR                     | 2,334,345 |
| TRIPCO LIMITED  | 2,334,816 | UPMANN, ARTHUR W.  | 2,334,356 | VIDAURRE-MILLER, FRANCISCA              | 2,334,345 |
| TROEDER, CHRISTOPH  | 2,334,866 | UPPARAPALLI, KARUNANIDHI                                   | 2,334,695 | VIEBRANZ, MANFRED G. G.                 | 2,334,969 |
| TROIN, ROBERT   | 2,334,989 | USTAV MAKROMOLEKULARNI CHEMIE AKADEMIE VED CESKE REPUBLIKY | 2,334,154 | VILLAFUERTE, JULIO                      | 2,334,118 |
| TROIN, STEPHANE   | 2,334,989 | USUDA, MASASHI   | 2,333,954 | VILLAGRAN, MARIA DOLORES MARTINEZ-SERNA | 2,334,337 |
| TROPPER, FRANCOIS D.                                      | 2,334,338 | UT-BATTELLE, LLC   | 2,334,583 | VINALS Y DE BASSOLS, CARLOTA            | 2,330,240 |
| TROST, DAVID  | 2,334,388 | UT-BATTELLE, LLC   | 2,334,749 | VINAROV, ALEXANDR JURYIEVICH            | 2,334,248 |
| TROTTER, DOUGLAS H.                                       | 2,334,804 | UZEE, ANDRE J.   | 2,333,998 | VINAROV, DMITRY ALEXANDROVICH           | 2,334,248 |
| TSAI, FONG-YING   | 2,331,886 | VACCA, JOSEPH P.   | 2,333,707 | VINDEN, PETER                           | 2,334,670 |
| TSALS, IZRAIL   | 2,334,174 | VALCALDA, FLORENT  | 2,334,100 | VIRGINIA COMMONWEALTH UNIVERSITY        | 2,335,013 |
| TSUCHIYA, MASAYUKI  | 2,331,917 | VALINGE ALUMINIUM AB                                       | 2,333,941 | VIRTUAL-EYE.COM, INC.                   | 2,333,678 |
| TSUCHIYA, MASAYUKI  | 2,331,920 | VALINGE ALUMINIUM AB                                       | 2,333,962 | VISX, INCORPORATED                      | 2,333,118 |
| TSUCHIYA, YOUICHI   | 2,333,302 | VALLBERG, HANS   | 2,334,342 | VIVARES, CHRISTIAN                      | 2,333,919 |
| TSUJI, KEI  | 2,334,181 | VALLEE, BERT L.  | 2,334,830 | VLOEMANS, JOS                           | 2,334,514 |
| TU, CAT   | 2,335,314 | VALMET CORPORATION   | 2,334,207 | VOECKEL, WOLFGANG                       | 2,334,723 |
| TUFFAL, GUY   | 2,334,765 | VALMET CORPORATION   | 2,334,657 | VOHWINKEL, FRIEDRICH                    | 2,334,824 |
| TULARIK, INC.   | 2,333,707 | VALMET CORPORATION   | 2,334,706 | VOLLKOMMER, FRANK                       | 2,334,234 |
| TUOMANEN, ELAINE I.                                       | 2,326,388 | VALMET CORPORATION   | 2,334,781 | VOLLKOMMER, FRANK                       | 2,335,332 |
| TURANYI, ZOLTAN   | 2,334,869 | VALMET CORPORATION   | 2,334,834 | VOLSTAD ENERGY AS                       | 2,334,028 |
| TURBERG, ANDREAS  | 2,332,723 | VALMET CORPORATION   | 2,335,627 | VOLSTAD ENERGY AS                       | 2,334,102 |
| TURBERG, ANDREAS  | 2,333,715 | VALMET CORPORATION   | 2,335,631 | VOLSTAD, OVE CHARLES                    | 2,334,028 |
| TURCOTTE, SERGE   | 2,334,572 | VALMET CORPORATION   | 2,334,578 | VOLSTAD, OVE CHARLES                    | 2,334,102 |
| TURNBULL, AGNES   | 2,334,797 | VALMET CORPORATION   |           | VON DEYN, WOLFGANG                      | 2,334,955 |
| TURNER, D. DALE   | 2,333,990 | VALMET CORPORATION   |           | VON SCHUCKMANN, ALFRED                  | 2,334,950 |
| TYCO ELECTRONICS CORPORATION                              | 2,333,989 | VAN BOECKEL, CONSTANT ADRIANA ANTON                        | 2,334,863 | VON TAPAVICZA, STEPHAN                  | 2,333,982 |
| TYCO ELECTRONICS CORPORATION                              | 2,334,768 | VAN CLEVE, CRAIG BRAINERD                                  | 2,334,856 | VONESH, MICHAEL                         | 2,335,130 |
| TYCO SUBMARINE SYSTEMS LTD.                               | 2,334,132 | VAN DER PLAATS, ARJAN                                      | 2,334,956 | VORLOP, KLAUS-DIETER                    | 2,334,661 |
| TZUR, MENACHEM  | 2,333,988 | VAN DER PLOEG, LEONARDUS H. T.                             | 2,334,551 | VOSS, GUDRUN                            | 2,333,888 |
| UEHLING, DAVID EDWARD                                     | 2,334,713 | VAN DER VOORT, HENDRIKUS ADRIANUS ANTONIUS                 | 2,333,985 | VOURLUMIS, DIONISIOS                    | 2,334,342 |
| UENO, HARUMI  | 2,334,312 | VAN DUREN, ALBERT PHILIP                                   | 2,334,231 | VRUDHULA, VIVEKANANDA M.                | 2,333,997 |
| UENOSONO, SATOSHI   | 2,334,753 | VAN DYK, KARL  | 2,334,978 | VYAS, DOLATRAI M.                       | 2,333,997 |
| UESUGI, MAKOTO  | 2,334,240 | VAN HEESCH, EGBERTUS JOHANNES MARIA                        | 2,334,331 | VYAS, SHARAD KUMAR                      | 2,334,937 |
| ULMER, HERBERT W.   | 2,334,307 | VAN KESSEL, CORNELIS PETRUS MARIA                          | 2,333,898 | W.R. GRACE & CO.-CONN.                  | 2,335,056 |
| ULVELING, LEON  | 2,334,197 | VAN LANGERICH, BERNHARD                                    | 2,334,389 | WAGGLE PTY. LTD.                        | 2,334,324 |
| UMETSU, DALE T.   | 2,333,750 | VAN SAARLOOS, PAUL PHILLIP                                 | 2,334,825 | WAGH, VIJAYKUMAR M.                     | 2,334,599 |
| UNAMI, SHIGERU  | 2,334,753 | VAN STRIJP, JOHANNES ANTONIUS GERARDUS                     | 2,333,898 | WAI, JOHN S.                            | 2,333,707 |
| UNDERLINER, THEODORE L.                                   | 2,334,189 | VANALLSBURG, MICHAEL                                       | 2,332,717 | WAI, JOHN S.                            | 2,333,771 |
| UNDERWOOD, LANCE D.                                       | 2,333,948 | VANTIEGHEM, HERVE  | 2,334,955 | WAKABAYASHI, HIROYUKI                   | 2,332,571 |
| UNIHAART CORPORATION                                      | 2,335,636 | VARNER, JUDITH   | 2,333,975 | WAKAMOTO PHARMACEUTICAL CO., LTD.       | 2,334,370 |
| UNILEVER PLC  | 2,334,732 | VAUGHAN, STEWART   | 2,334,663 | WALDER, ANDRE                           | 2,334,985 |
| UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION | 2,335,114 | VAYKHANSKY, LEV  | 2,334,734 | WALKER, BRETT CHRISTOPHER               | 2,334,999 |
| UNIQUE TECHNOLOGIES, LLC                                  | 2,333,646 | VECTOR MEDICAL, INC.                                       | 2,333,981 | WALKER, PETER STANLEY                   | 2,332,453 |
| UNISIA JECS CORPORATION                                   | 2,334,753 | VEDEHRA, DHARAM VIR  | 2,334,489 | WALLER, CAROL                           | 2,334,179 |
| UNISYS CORPORATION  | 2,334,573 | VEGARUD, GERD  | 2,334,007 | WALLIS, SIMON HOWARD                    | 2,332,450 |
| UNITED STATES FILTER CORPORATION                          | 2,333,735 | VEGTER, DERK   | 2,334,383 | WALLIS, SIMON HOWARD                    | 2,334,449 |
| UNIVATION TECHNOLOGIES, LLC                               | 2,335,051 | VELDKAMP, HERMAN F.  | 2,333,717 | WALLNER, BARBARA P.                     | 2,334,155 |
| UNIVERSAL PROPULSION COMPANY, INC.                        | 2,335,117 | VENTURA, SUSANNA   | 2,334,517 | WALSER, JOACHIM PAUL                    | 2,334,212 |
| UNIVERSITÉ DU QUÉBEC A MONTRÉAL                           | 2,333,946 | VER DONCK, LUC AUGUST LAURENTIUS                           | 2,333,910 | WALSH, RICHARD T.                       | 2,333,905 |
| UNIVERSITEIT LEIDEN                                       | 2,334,863 | VERES, ANDRAS  | 2,334,869 | WALTER, ANDRE                           | 2,334,001 |
| UNIVERSITY OF HAWAII                                      | 2,333,856 | VERI-TEK, INC.   | 2,333,769 | WALTER, HELMUT                          | 2,334,955 |
| UNIVERSITY OF IOWA RESEARCH FOUNDATION                    | 2,333,854 | VERIZON LABORATORIES INC.                                  | 2,333,518 | WANG, CHUANMING                         | 2,334,943 |
| UNIVERSITY OF MADRAS                                      | 2,334,754 | VERIZON LABORATORIES INC.                                  | 2,334,247 | WANG, HOAU-YAN                          | 2,333,951 |
| UNIVERSITY OF MARYLAND                                    | 2,330,167 | VERKAART, WESLEY H.  | 2,334,136 | WANG, KANG-BO                           | 2,334,533 |
| UNIVERSITY OF MARYLAND                                    | 2,333,281 | VERKASALO, LAURI   | 2,334,657 | WANG, LIJUAN                            | 2,333,691 |
| UNIVERSITY OF SASKATCHEWAN                                | 2,332,627 | VERKERKE, GIJSBERTUS JACOB                                 | 2,334,956 | WANG, LUQUAN                            | 2,332,573 |
|   |           |  |           | WANG, PING                              | 2,331,921 |
|   |           |  |           | WANG, QIANG                             | 2,334,347 |



## Index of PCT Applications Entering the National Phase

|                           |           |                         |           |                           |           |
|---------------------------|-----------|-------------------------|-----------|---------------------------|-----------|
| WANG, SHUMIN              | 2,335,033 | WILLIAMS, TERRY L.      | 2,334,786 | YANG, DAN DAN             | 2,334,890 |
| WANG, SHUMIN              | 2,335,034 | WILLIS, COLIN ROBERT    | 2,334,631 | YANG, DARCHUN BILLY       | 2,334,034 |
| WANG, TIAN XIANG          | 2,334,531 | WILLKE, HERBERT L., JR. | 2,334,372 | YANG, HONG                | 2,334,175 |
| WANG, XIAOBIN             | 2,334,659 | WILLMS, LOTHAR          | 2,335,327 | YANG, MEIJIA              | 2,332,625 |
| WANG, YING                | 2,333,931 | WILSON, BRUCE H.        | 2,334,760 | YANIV, ZOHARA             | 2,333,988 |
| WANG, YU FENG             | 2,334,533 | WILSON, GERALD L.       | 2,334,948 | YANO, FUMIKO              | 2,335,116 |
| WANGNER, RONALD PAUL      | 2,335,178 | WILSON, JOHN III        | 2,334,865 | YASUDA, NOBUYOSHI         | 2,334,820 |
| WANZL                     |           | WILSON, ROBERT DARRIN   | 2,334,821 | YATKA, ROBERT J.          | 2,334,385 |
| METALLWARENFABRIK         |           | WINN, LAURENCE B.       | 2,334,784 | YATOMI, TAKEHIRO          | 2,333,880 |
| GMBH                      | 2,334,250 | WINTHROP-UNIVERSITY     |           | YAZDI, PARVIN I.          | 2,334,313 |
| WARD, PATRICK             | 2,334,816 | HOSPITAL                | 2,334,892 | YE, ZHIXIONG              | 2,334,551 |
| WARD, RICHARD J.          | 2,334,603 | WISHART, NEIL           | 2,333,756 | YECKLEY, RUSSELL L.       | 2,334,547 |
| WARDLEY, MICHAEL          | 2,334,741 | WITHAM, MICHAEL C.      | 2,334,426 | YELDENER, SUAT            | 2,332,596 |
| WARNER-LAMBERT COMPANY    | 2,334,356 | WITTEN-HANNAH, DANIEL   | 2,334,663 | YEVICH, JOSEPH P.         | 2,334,970 |
| WARNER-LAMBERT COMPANY    | 2,335,062 | WITTER, DAVID J.        | 2,334,200 | YOKOI, HARUHIKO           | 2,331,384 |
| WASHINGTON GROUP          |           | WITTKOTTER, REINHOLD    | 2,334,879 | YONETA, TOMOYUKI          | 2,334,798 |
| INTERNATIONAL, INC.       | 2,335,052 | WIZEMANN, THERESA M.    | 2,326,388 | YONG, HWAN-YUL            | 2,334,953 |
| WATSON, JOHN DAVID        | 2,334,660 | WM. WRIGLEY JR. COMPANY | 2,334,385 | YONG, HWAN-YUL            | 2,334,954 |
| WATTS, JAMES HARMON       | 2,334,440 | WNUK, ANDREW JULIAN     | 2,335,622 | YOON, CHUL OH             | 2,334,404 |
| WEBB, CHARLES T.          | 2,334,334 | WNUK, ANDREW JULIAN     | 2,335,625 | YOON, SEOK-HEE            | 2,333,731 |
| WEBB, STERLING E.         | 2,334,232 | WOLFF, ERWIN            | 2,332,584 | YOON, SOON-YOUNG          | 2,334,898 |
| WEBBER, R. KEITH          | 2,333,691 | WOLFSTON, JAMES H., JR. | 2,334,169 | YOON, TAEYOUNG            | 2,334,671 |
| WEBER, MICHAEL WAYNE      | 2,334,337 | WOLTJEN, DUANE W.       | 2,332,594 | YOSHIDA, KAORU            | 2,334,476 |
| WEBSTER, TERESA A.        | 2,333,916 | WONG, MICHAEL           | 2,334,144 | YOSHIDA, HOUSEI           | 2,333,609 |
| WEDRAL, ELAINE REGINA     | 2,334,489 | WOOD, MICHAEL C.        | 2,333,918 | YOSHIDA, TOSHIRO          | 2,334,366 |
| WEGENG, ROBERT S.         | 2,334,628 | WOOD, MICHAEL C.        | 2,334,327 | YOSHIMURA, JOJI           | 2,334,630 |
| WEHNER, PAMELA SUSAN      | 2,334,337 | WOOLVERTON, CHRISTOPHER |           | YOSHIMURA, TAKASHI        | 2,334,753 |
| WEICHERT, BERTHOLD        | 2,334,844 | J.                      | 2,334,712 | YOUNG, ANDREW N.          | 2,333,949 |
| WEICHSSELBAUM, RALPH, R.  | 2,335,038 | WORLDGATE SERVICE, INC. | 2,334,943 | YOUNG, GERALD ALFRED      | 2,333,760 |
| WEIDINGER, ERWIN          | 2,335,141 | WORLEDGE, KATHERINE L.  | 2,334,471 | YOUNG, GERALD ALFRED      | 2,334,180 |
| WEIHRAUCH, GEORG          | 2,334,841 | WORNER, JURGEN          | 2,334,886 | YOUNG, KWO                | 2,334,363 |
| WEISSMAHR, JOSEPH A.      | 2,334,877 | WOTTRICH, JOACHIM       | 2,333,646 | YOUNG, PAUL E.            | 2,333,917 |
| WELLER, HAROLD N., III    | 2,334,970 | WRIGHT, JERI D.         | 2,333,688 | YOUNG, STEVEN D.          | 2,333,707 |
| WELLS, HENRY J.           | 2,334,802 | WRIGHT, KAMRON M.       | 2,333,949 | YOUNG, STEVEN D.          | 2,333,771 |
| WELLS-ROTH, DAVID         | 2,334,482 | WRIGHT, STEVEN L.       | 2,334,400 | YOUNG, WENDY VICTORIA     |           |
| WEN, TSUI-JUNG            | 2,331,327 | WU, FRANK               | 2,334,405 | JANE                      | 2,335,036 |
| WENZEL, TIMOTHY T.        | 2,335,051 | WU, YONG-QIAN           | 2,333,960 | YOUNIS, MOHAMED           | 2,334,009 |
| WEST, STEPHEN G.          | 2,333,727 | WU, YONG-QIAN           | 2,333,963 | YU, LIANGLI               | 2,333,709 |
| WESTINGHOUSE AIR BRAKE    |           | WU, YONG-QIAN           | 2,333,964 | YUAN, CHENGUANG           | 2,333,691 |
| COMPANY                   | 2,334,771 | WU, YONG-QIAN           | 2,334,002 | YUAN, CUMING              | 2,334,986 |
| WESTLIE, LARS             | 2,334,829 | WU, YUSHENG             | 2,334,298 | YUAN, LING                | 2,331,263 |
| WESTPHAL, JAMES           | 2,334,343 | WUNSCH, JOSEF           | 2,334,328 | YUE, HENRY                | 2,330,542 |
| WESTPHALEN, KARL-OTTO     | 2,334,955 | WURTELE, EVE S.         | 2,331,327 | YUE, HENRY                | 2,331,386 |
| WEYERS, RICHARD G.        | 2,333,688 | WYDLER, NILS            | 2,334,768 | YUE, HENRY                | 2,332,307 |
| WHIPPLE, MARK B.          | 2,333,725 | XCELLSIS GMBH           | 2,334,951 | YUEN, HENRY C.            | 2,334,626 |
| WHIPPLE, MARK B.          | 2,333,737 | XIE, MIN                | 2,335,047 | YUNG, SIU YIM JIMMY       | 2,334,381 |
| WHIPPLE, MARK B.          | 2,333,745 | XU, JIANGCHUN           | 2,334,038 | YUNLU, KENAN              | 2,333,664 |
| WHIPPLE, MARK B.          | 2,333,748 | XYRON, INC.             | 2,335,316 | YUQIU, JIANG              | 2,334,038 |
| WHIPPLE, MARK B.          | 2,334,236 | YAHIAOUI, ALI           | 2,332,721 | ZADI, BRAHIM              | 2,335,183 |
| WHIPPLE, MARK B.          | 2,334,241 | YALE UNIVERSITY         | 2,333,893 | ZAHAREVITZ, DANIEL W.     | 2,335,115 |
| WHITE SPOT AG             | 2,334,803 | YAMADA MACHINERY        |           | ZAHN, DIETER              | 2,332,592 |
| WHITE, MICHAEL W.         | 2,334,804 | INDUSTRIAL CO., LTD.    | 2,334,329 | ZARPEX BIOSCIENCES        |           |
| WHITEFORD, GERALD P.      | 2,334,867 | YAMADA, ATSUO           | 2,334,003 | LIMITED                   | 2,330,210 |
| WHITTAKER, MARK           | 2,332,713 | YAMADA, ATSUO           | 2,334,386 | ZAWISTOWSKI, JERZY        | 2,332,450 |
| WICHERT, BURKHARD         | 2,333,682 | YAMADA, KAZUKI          | 2,334,724 | ZAWISTOWSKI, JERZY        | 2,334,449 |
| WICHMANN, MARK E.         | 2,333,735 | YAMADA, KENJI           | 2,334,355 | ZEDALIS, MICHAEL SEAN     | 2,334,384 |
| WIDL, ANDREAS             | 2,335,182 | YAMADA, SAKUJI          | 2,334,329 | ZEILINGER, REINHOLD       | 2,334,641 |
| WIESCHERMANN, JOCHEN      | 2,334,853 | YAMADA, TOSHIO          | 2,334,807 | ZENG, NEILSON             | 2,334,690 |
| WIGGINS GEE GROUP LIMITED | 2,334,030 | YAMAMOTO, KAREN K.      | 2,334,117 | ZEPP, CHARLES M.          | 2,334,516 |
| WIKLAND, MATTS F.         | 2,331,890 | YAMAMOTO, KENJI         | 2,334,666 | ZERFAS, GERALD B.         | 2,332,454 |
| WIKSTROM, CLAES           | 2,334,284 | YAMAMOTO, MASAHIRO      | 2,334,366 | ZERIA PHARMACEUTICAL CO., |           |
| WILHELM, ROBERT L.        | 2,334,637 | YAMAMOTO, SHINJI        | 2,331,260 | LTD.                      | 2,334,798 |
| WILLEMEN, RENE            | 2,334,638 | YAMANOUCHI              |           | ZEZE, MASAFUMI            | 2,334,352 |
| WILLEMSE, ONNO            | 2,334,150 | PHARMACEUTICAL CO.,     |           | ZHANG, HAICHUN            | 2,334,986 |
| WILLERSON, JAMES T.       | 2,332,636 | LTD.                    | 2,335,620 | ZHANG, YING-XIN           | 2,331,263 |
| WILLIAMS, BRENT S.        | 2,335,056 | YAMASAKI, YASUHIKO      | 2,335,069 | ZHAO, HONG                | 2,335,137 |
| WILLIAMS, COLIN BRIAN     | 2,335,319 | YAMASHITA, RIKIYA       | 2,334,724 | ZHOU, JEFFREY XIAOFENG    | 2,334,009 |
| WILLIAMS, JONNIE R.       | 2,334,186 | YAMASHITA, TAKANORI     | 2,334,724 | ZHU, BIN                  | 2,334,884 |
| WILLIAMS, KENNETH BRYAN   | 2,334,337 | YAMASHITA, TORU         | 2,334,412 | ZHU, GUI-DONG             | 2,333,770 |
| WILLIAMS, STEPHANIE JANE  | 2,333,853 | YANAGIHARA, KAZUFUMI    | 2,334,412 | ZHU, YINGFANG             | 2,331,889 |

## Index des demandes PCT entrant en phase nationale

|  |           |
|--|-----------|
| ZHU, YONG HUA                          | 2,334,226 |
| ZHUANG, JIM                            | 2,333,872 |
| ZHUANG, LINGHANG                       | 2,333,707 |
| ZIAIMEHR, ALLEN HAMID                  | 2,334,231 |
| ZIEGLER, HUGO                          | 2,332,589 |
| ZIEGLER, JOHN S.                       | 2,333,913 |
| ZIELINSKI, TODD M.                     | 2,334,723 |
| ZIETLOW, PHILIP K.                     | 2,334,389 |
| ZIETLOW, PHILIP K.                     | 2,334,948 |
| ZINKERNAGEL, ROLF                      | 2,334,990 |
| ZIPPLIES, TILMAN                       | 2,334,023 |
| ZISER, LOTHAR                          | 2,334,338 |
| ZIV, VERED VIVI                        | 2,334,391 |
| ZLOTNIK, ALBERT                        | 2,332,573 |
| ZODIAC HURRICANE<br>TECHNOLOGIES, INC. | 2,334,873 |
| ZOGHBI, HUDA Y.                        | 2,334,940 |
| ZOLDHELYI, PIERRE                      | 2,332,636 |
| ZONAGEN, INC.                          | 2,335,337 |
| ZOSEL, DIETER                          | 2,334,214 |
| ZWASCHKA, FRANZ                        | 2,335,332 |
| ZYMOGENETICS, INC.                     | 2,331,253 |

## **Index of PCT Applications Entering the National Phase**

## **Index of Canadian Divisional and Previously Unavailable Laid-Open applications**

## **Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant**

|                                |           |
|--------------------------------|-----------|
| ASAKAWA, YOSHI                 | 2,333,841 |
| BEND ALL MANUFACTURING<br>INC. | 2,328,857 |
| CANON KABUSHIKI KAISHA         | 2,333,841 |
| FUKAI, HISASHI                 | 2,333,841 |
| HAYASAKI, KIMIYUKI             | 2,333,841 |
| ISHINAGA, HIROYUKI             | 2,333,841 |
| KASHINO, TOSHIO                | 2,333,841 |
| KIGAMI, HIROYUKI               | 2,333,841 |
| KUDO, KIYOMITSU                | 2,333,841 |
| OHKAWA, MASAYOSHI              | 2,333,841 |
| ONO, TAKAYUKI                  | 2,333,841 |
| ORIKASA, TSUYOSHI              | 2,333,841 |
| PETERSEN, HORST UDO            | 2,328,857 |
| YAMAKAWA, KOUJI                | 2,333,841 |
| YOSHIHIRA, AYA                 | 2,333,841 |