

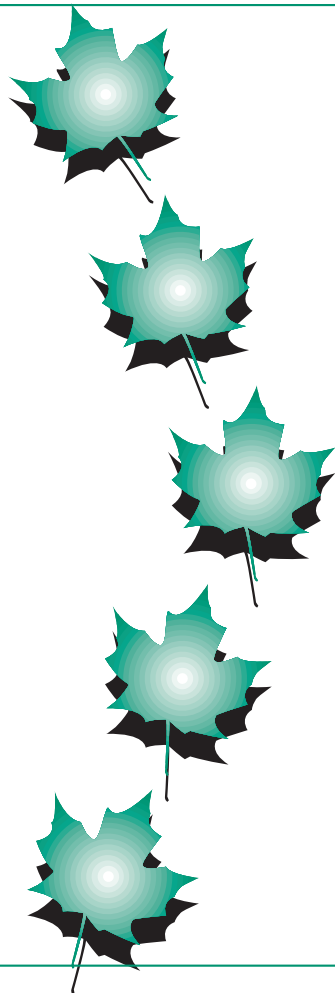


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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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**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 .....	39
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale .....	71
Canadian Divisional and Previously Unavailable Laid-Open applications	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	181
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	185
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public .....	191
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	197
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 .....	215

## 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).

## **6. Orders for Patents By Class or Sub-Class**

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

### **B) Copies en microforme**

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).
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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 :

2,146,170

### **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. 1,165,050 which issued on April 3, 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

2,146,170

### **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 3 avril 1984 sont maintenant expirés, jusque et y compris le no. 1,165,050. 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 \$
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 \$
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>.

### 16. Laid-Open Applications

## Avis

The Patent Office Record of April 3, 2001 contains laid-open applications from March 11, 2001 - March 17, 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 11 mars 2001 - 17 mars 2001.

# Canadian Patents Issued

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[54] **COMPOSES A BASE D'AMINE BASIQUE OLEOPHILE UTILISES COMME ADDITIF DANS LES BOUES DE FORAGE INVERSES**  
[72] Mueller, Heinz, DE  
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[72] Talja, Martti, FI  
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[54] **METHOD FOR THE SEQUENTIAL OXIDATION OF SUBSTITUTED QUINOLINES TO PRODUCE SUBSTITUTED-PYRIDINE-2,3-DICARBOXYLIC ACIDS**  
[54] **METHODE D'OXYDATION SEQUENTIELLE DE QUINOLINES SUBSTITUEES POUR LA PRODUCTION D'ACIDES PYRIDINE-2,3-DICARBOXYLIQUES SUBSTITUES**  
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[25] EN  
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[54] **PRISE DE COURANT MULTICONNEXION A ELIMINATION DES SURTENSIONS**  
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[51] **Int.Cl. 5G01N 27/20**  
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[51] **Int.Cl. 5A61F 13/46 5B01J 20/24 5B01J 20/26 5B01J 20/30**  
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[54] **ADHESION PROMOTER COMPOSITIONS FOR POLYOLEFIN SUBSTRATES**  
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[51] **Int.Cl. 5B32B 27/04 5B32B 27/12 5C08J 5/24 5E04B 1/82**  
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[54] **MATERIAU A VIBRATION ACOUSTIQUE A PARTIR DE RESINE EPOXY MODIFIEE POLYBUTADIENE A FIBRES RENFORCEES**  
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[54] **SURVEILLANCE DE L'EFFICACITE D'UN AGENT DE TRAITEMENT ADDITIONNE A UN VOLUME D'EAU**  
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[51] **Int.Cl. 5C07F 7/10**  
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[54] **1,3-DIHYDRO-1-(PYRIDINYLAMINO)-2H-INDOL-2-ONES, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**  
[54] **1,3-DIHYDRO-1-(PYRIDINYLAMINO)-2H-INDOL-2-ONES, PROCEDE DE PREPARATION ET UTILISATION EN TANT QUE MEDICAMENTS**  
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[72] Wettlaufer, David Gordon, US  
[73] AVENTIS PHARMACEUTICALS INC., US  
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[25] EN  
[54] **N-HYDROXY-DIBENZ-B,E|OXEPIN -ALKYLAMINES AND -ALKANOIC ACID AMIDES, RELATED HETEROCYCLIC ANALOGUES, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**  
[54] **AMIDES DE LA N-HYDROXY-DIBENZ-B,E|OXEPIN -ALKYLAMINE ET DE L'ACIDE N-HYDROXY-DIBENZ-B,E|OXEPIN -ALKANOIQUE, ANALOGUES HETEROCYCLIQUES APPARENTES, PROCEDE DE PREPARATION ET LEUR UTILISATION COMME MEDICAMENTS**  
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[72] White, John I., US  
[72] Martin, Lawrence Leo, US  
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[73] ARO S.A., FR  
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[51] **Int.Cl. 5B01J 23/89 5C07C 47/19 5C07C 45/50**  
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[73] SHELL CANADA LIMITED, CA  
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[22] 1990-10-17  
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[51] **Int.Cl. 5C07D 401/04 5A61K 31/435**  
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[54] **BENZOCYCLOALKYLAMINOPYRIDINAMINES AND RELATED COMPOUNDS, A PROCESS AND INTERMEDIATES FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**  
[54] **BENZOCYCLOALKYLAMINOPYRIDINAMINES ET COMPOSES CONNEXES, PROCEDE ET INTERMEDIAIRES POUR LEUR PREPARATION ET LEUR UTILISATION COMME MEDICAMENTS**  
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[73] AVENTIS PHARMACEUTICALS INC., US  
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[72] Matsubara, Mamoru, JP  
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[51] **Int.Cl. 5C08L 7/00 5C08L 9/00 5C08L 21/00**  
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[72] Muraoka, Kiyoshige, JP  
[73] Sumitomo Rubber Industries Limited, JP  
[22] 1990-10-26  
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[51] **Int.Cl. 5B23K 11/08 5B23K 11/30**  
[25] FR  
[54] **PIECE DE RACCORDEMENT DU TYPE A RESISTANCE ELECTRIQUE PERFECTIONNEE POUR LA REUNION PAR THERMOUSODAGE D'ELEMENTS EN MATIERE PLASTIQUE**  
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[73] Gaz de France, FR  
[22] 1990-11-28  
[30] FR (89 15707) 1989-11-29

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[13] C  
[51] **Int.Cl. 5C09D 11/02 5B05D 5/00 5B05D 3/06 5C09D 11/10 5B41M 3/14**  
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[72] Bretler, Haim, CH  
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[54] **APPARATUS FOR DISPLACING SHAFT-MOUNTING BEARING STANDS**  
[54] **APPAREIL SERVANT AU DEPLACEMENT DE PLAQUES DE SUPPORT POUR LE MONTAGE D'ARBRES**  
[72] Rogge, Dieter, DE  
[73] Windmoller & Holscher, DE  
[22] 1991-01-07  
[30] DE (P 40 01 735.4) 1990-01-22

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[51] **Int.Cl. 5A01G 13/02**  
[25] EN  
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[54] **METHODE DE PROTECTION ENVIRONNEMENTALE PERMETTANT DE REDUIRE LA POLLUTION DE SUBSTRATS**  
[72] HINSPERGER, PETER, CA  
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[54] **INSTALLATION DE TRANSPORT SUR CABLES DONT LES VEHICULES SONT MUS PAR FRICTION DANS LES ZONES DE DEVIATION**  
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[73] POMAGALSKI S.A., FR  
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[51] **Int.Cl. 5B61B 7/00**  
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[72] Brochand, Max, FR  
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[51] **Int.Cl. 5G11B 5/008**  
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[72] Hirai, Jun, JP  
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[30] JP (021118/90) 1990-01-31  
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[51] **Int.Cl. 5C08G 63/08 5A61L 17/00 5C09D 167/04**  
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[54] **COPOLYMERS OF .EPSILON.-CAPROLACTONE, GLYCOLIDE AND GLYCOLIC ACID FOR SUTURE COATING**  
[54] **COPOLYMERES D'EPSILON-CAPROLACTONE, DE GLYCOLIDE ET D'ACIDE GLYCOLIQUE POUR LE REVETEMENT DE SUTURES**  
[72] Bezwada, Rao S., US  
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[51] **Int.Cl. 5A61F 13/26**  
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[54] **APPLICATEUR DE TAMPON HYGIENIQUE**  
[72] Schoelling, Hans Werner, DE  
[73] MCNEIL-PPC, INC., US  
[22] 1991-01-30  
[30] DE (P 40 02 975.1) 1990-02-01

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[11] **2,035,656**  
[13] C

[51] **Int.Cl. 5C11B 3/16 5A61K 7/48**  
[25] EN  
[54] **SAL OLEIN, A PROCESS FOR ITS PREPARATION AND COSMETIC COMPOSITIONS CONTAINING IT**  
[54] **SEL OFEINE, PROCEDE DE PREPARATION ET COMPOSITIONS COSMETIQUES LE CONTENANT**  
[72] Mottier, Line, CH  
[72] Viret, Jean-Louis, CH  
[72] Wille, Hans-Juergen, CH  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1991-02-04  
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[11] **2,036,085**  
[13] C

[51] **Int.Cl. 5B60J 10/08 5B60J 10/00**  
[25] EN  
[54] **TRIM LIP FOR A WEATHER SEAL**  
[54] **GARNITURE D'ETANCHEITE A DOUBLE BORDURE D'AJUSTEMENT ET DE FIXATION**  
[72] Larsen, Douglas C., US  
[72] Vaughan, Robert A., US  
[73] Standard Products Company (The), US  
[22] 1991-02-11  
[30] US (495,482) 1990-03-19

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[11] **2,036,236**  
[13] C

[51] **Int.Cl. 5B60C 11/00**  
[25] EN  
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[54] **PNEU RADIAL**  
[72] Saito, Yuichi, JP  
[72] Watanuma, Susumu, JP  
[72] Kikuchi, Naohiko, JP  
[72] Noma, Hiroyuki, JP  
[73] Sumitomo Rubber Industries Limited, JP  
[22] 1991-02-13  
[30] JP (36754/1990) 1990-02-17

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[11] **2,036,353**  
[13] C

[51] **Int.Cl. 5C25B 9/00 5C25B 9/04 5C25B 1/46**  
[25] EN  
[54] **MONOPOLAR ION EXCHANGE MEMBRANE ELECTROLYTIC CELL ASSEMBLY**  
[54] **CELLULE ELECTROLYTIQUE A MEMBRANE ECHANGEUSE D'IONS, DE TYPE UNIPOLAIRE**  
[72] Aikawa, Takeo, JP  
[72] Nakao, Makoto, JP  
[72] Shibata, Hidenori, JP  
[72] Uchibori, Takahiro, JP  
[72] Yano, Hiroki, JP  
[73] ASAHI GLASS COMPANY LTD., JP  
[22] 1991-02-14  
[30] JP (32497/1990) 1990-02-15  
[30] JP (250303/1990) 1990-09-21

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[11] **2,036,473**  
[13] C

[51] **Int.Cl. 5C07C 2/22**  
[25] EN  
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[54] **PROCEDE POUR LA PRODUCTION D'.ALPHA.-OLEFINES LINEAIRES**  
[72] Shiraki, Yasushi, JP  
[72] Ueda, Kenichi, JP  
[72] Takeuchi, Kunio, JP  
[73] Idemitsu Petrochemical Co., Ltd., JP  
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[11] **2,037,041**  
[13] C  
[51] **Int.Cl. 5C07G 17/00 5B01J 16/00 5B01D 11/02**  
[25] EN  
[54] **TANNIN EXTRACTION**  
[54] **EXTRACTION DE TANIN**  
[72] Connolly, David L., AU  
[73] Chem Eng Contracts PTY Limited, AU  
[85] 1991-03-19  
[86] 1990-08-07 (PCT/AU90/00335)  
[87] (WO91/01989)  
[30] AU (PJ 5648) 1989-08-08

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[11] **2,040,472**  
[13] C  
[51] **Int.Cl. 5B41F 13/04 5B41F 16/00 5B41F 19/06**  
[25] EN  
[54] **HOT ROTARY STAMPER APPARATUS AND METHODS FOR METAL LEAF STAMPING**  
[54] **APPAREIL DE MATRICAGE A CHAUD PAR ROTATION ET METHODES DE MATRICAGE DE FEUILLES METALLIQUES**  
[72] Amendola, Angel, US  
[73] Philip Morris Products Inc., US  
[22] 1991-04-15  
[30] US (509,167) 1990-04-16

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[11] **2,041,621**  
[13] C  
[51] **Int.Cl. 5G01J 9/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING A PHASE-MODULATED SIGNAL**  
[54] **METHODE ET APPAREIL POUR MESURER UN SIGNAL A MODULATION DE PHASE**  
[72] Küchel, Michael, DE  
[73] CARL-ZEISS-STIFTUNG TRADING AS CARL ZEISS, DE  
[22] 1991-05-01  
[30] DE (P 40 14 019.9) 1990-05-02

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[11] **2,041,728**  
[13] C  
[51] **Int.Cl. 5A01N 63/00**  
[25] EN  
[54] **METHOD FOR THE PREVENTION OF CROP INJURY IN THE PRESENCE OF SYNERGISTIC PESTICIDE COMBINATIONS**  
[54] **METHODE POUR PREVENIR LES DOMMAGES AUX RECOLTES GRACE A LA PRESENCE DE COMBINAISONS PESTICIDES SYNERGISTES**  
[72] Newhouse, Keith Elling, US  
[72] Schaefer, Thomas Joseph, US  
[72] Cary, Gail Ezra, US  
[73] AMERICAN CYANAMID COMPANY, US  
[22] 1991-05-02  
[30] US (07/521,213) 1990-05-04

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[11] **2,043,197**  
[13] C  
[51] **Int.Cl. 5B65D 17/34**  
[25] EN  
[54] **TAMPER-EVIDENT CLOSURE WITH IMPROVED TEAR STRIP HOLD-DOWN**  
[54] **FERMETURE INVOLABLE A FIXATION DE BANDE DECHIRABLE AMELIOREE**  
[72] Pherigo, Douglas E., US  
[73] J.L. Clark, Inc., US  
[22] 1991-05-24  
[30] US (571,519) 1990-08-24

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[11] **2,046,117**  
[13] C  
[51] **Int.Cl. 5A61F 13/46**  
[25] EN  
[54] **ABSORBENT ARTICLE HAVING A HYDROPHILIC FLOW-MODULATING LAYER**  
[54] **ARTICLE ABSORBANT RENFERMANT UNE COUCHE REGULATRICE HYDROPHILE**  
[72] Chen, Franklin M. C., US  
[72] Huntoon, Andrew Edsel, US  
[72] Uitenbroek, Duane Girard, US  
[72] Wisneski, Anthony John, US  
[73] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1991-07-03  
[30] US (551,335) 1990-07-12

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[11] **2,046,858**  
[13] C  
[51] **Int.Cl. 5G03H 1/02 5G03F 7/00 5G02F 1/13 5G03H 1/18 5G02B 5/32**  
[25] EN  
[54] **VOLUME PHASE HOLOGRAM WITH LIQUID CRYSTAL IN MICROVOIDS BETWEEN FRINGES**  
[54] **HOLOGRAMME DONT LES MICROVIDES ENTRE LES FRANGES D'INTERFERENCE SONT REMPLIS DE CRISTAUX LIQUIDES**  
[72] Ingwall, Richard T., US  
[72] Troll, Mark A., US  
[72] Whitney, Duncan H., US  
[73] POLAROID CORPORATION, US  
[85] 1991-08-13  
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[87] (WO91/10926)  
[30] US (464,427) 1990-01-12

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[11] **2,050,598**  
[13] C  
[51] **Int.Cl. 5B23D 55/10 5B27B 13/08**  
[25] EN  
[54] **A METHOD AND AN ARRANGEMENT FOR CONTROLLING THE TENSION OF A BAND SAW-BLADE**  
[54] **METHODE ET DISPOSITIF PERMETTANT DE REGLER LA TENSION D'UNE LAME DE SCIE A RUBAN**  
[72] Janson, Kurt, SE  
[72] Lonnas, Bertil, SE  
[73] AB A K ERIKSSON, SE  
[85] 1991-09-30  
[86] 1990-04-06 (PCT/SE90/00240)  
[87] (WO90/12669)  
[30] SE (8901381-7) 1989-04-17

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[11] **2,051,385**  
[13] C

[51] **Int.Cl. 5H04Q 7/02 5H04M 1/66**  
[25] EN  
[54] **METHOD OF CARRYING OUT AN AUTHENTICATION CHECK BETWEEN A BASE STATION AND A MOBILE STATION IN A MOBILE RADIO SYSTEM**  
[54] **METHODE DE VERIFICATION D'IDENTITE ENTRE UNE STATION DE BASE ET UNE STATION MOBILE DANS UN SYSTEME RADIO MOBILE**  
[72] Dent, Paul Wilkinson, SE  
[72] Raith, Alex Krister, SE  
[72] Dahlin, Jan Erik AKE Steinar, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1991-10-10  
[86] 1991-01-29 (PCT/SE91/00066)  
[87] (WO91/14348)  
[30] SE (9000856-6) 1990-03-09

[11] **2,053,913**  
[13] C

[51] **Int.Cl. 5B01J 13/12 5A61K 9/52**  
[25] FR  
[54] **MICROSPHERES POUR LA LIBERATION CONTROLEE DES SUBSTANCES HYDROSOLUBLES ET PROCEDE DE PREPARATION**  
[54] **MICROSPHERES FOR THE CONTROLLED RELEASE OF WATER-SOLUBLE SUBSTANCES AND PROCESS FOR PREPARING THEM**  
[72] Wantier, Henri, BE  
[72] Mathieu, Fabienne, BE  
[72] Baudrihaye, Marc, BE  
[72] Delacroix, Dominique, BE  
[73] Teva Pharmaceutical Industries Ltd., IL  
[85] 1991-10-21  
[86] 1991-02-18 (PCT/EP91/00307)  
[87] (WO91/12882)  
[30] FR (90/02189) 1990-02-22

[11] **2,054,021**  
[13] C

[51] **Int.Cl. 5B60J 10/02 5B29C 47/16**  
[25] EN  
[54] **AUTOMOBILE WINDSHIELD MOLDING AND THE METHOD OF PRODUCING THE SAME**  
[54] **ENCADREMENT DE PARE-BRISE ET METHODE DE PRODUCTION CONNEXE**  
[72] Yada, Yukihiko, JP  
[73] Tokai Kogyo Kabushiki Kaisha, JP  
[22] 1991-10-23  
[30] JP (283,344/1990) 1990-10-23

[11] **2,055,410**  
[13] C

[51] **Int.Cl. 5H03F 1/02 5H03F 3/185 5H03F 3/21 5H03F 3/26**  
[25] EN  
[54] **COMPOSITE BRIDGE AMPLIFIER**  
[54] **AMPLIFICATEUR EN PONT COMPOSITE**  
[72] French, John Barry, CA  
[73] French, John Barry, CA  
[22] 1991-11-13  
[30] US (07/617,311) 1990-11-23

[11] **2,055,466**  
[13] C

[51] **Int.Cl. 5H02J 13/00 5G01R 31/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MONITORING AN AC TRANSMISSION LINE**  
[54] **APPAREIL SERVANT A CONTROLER UNE LIGNE DE TRANSMISSION DE COURANT ALTERNATIF ET METHODE CONNEXE**  
[72] Hoffman, Gary R., US  
[72] Hinman, Walter L., US  
[73] DOWTY RFL INDUSTRIES INC., US  
[85] 1991-11-04  
[86] 1990-05-04 (PCT/US90/02550)  
[87] (WO90/13934)  
[30] US (349,330) 1989-05-05

[11] **2,055,484**  
[13] C

[51] **Int.Cl. 5C22B 3/16**  
[25] EN  
[54] **PROCESS FOR TWO-PHASE EXTRACTION OF METALLIC IONS FROM PHASES CONTAINING SOLID METALLIC OXIDES, AGENT AND USE**  
[54] **PROCEDE D'EXTRACTION EN DEUX PHASES D'IONS METALLIQUES DANS DES PHASES CONTENANT DES OXYDES METALLIQUES SOLIDES, AGENT ET UTILISATION**  
[72] Schwab, Werner, DE  
[72] Kehl, Ralf, DE  
[73] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 1991-11-12  
[86] 1990-05-07 (PCT/EP90/00734)  
[87] (WO90/13675)  
[30] DE (P 39 15 586.2) 1989-05-12

[11] **2,057,955**  
[13] C

[51] **Int.Cl. 5H02P 5/418 5D06F 23/00**  
[25] EN  
[54] **ELECTRONIC CONTROLS FOR ELECTRIC MOTORS, LAUNDRY MACHINES INCLUDING SUCH CONTROLS AND MOTORS AND/OR METHODS OF OPERATING SAID CONTROLS**  
[54] **COMMANDES ELECTRONIQUES POUR MOTEURS ELECTRIQUES, MACHINES DE BUANDERIE QUI CONTIENNENT CES COMMANDES ET CES MOTEURS ET METHODES D'UTILISATION DESDITES COMMANDES**  
[72] Ensor, David John, NZ  
[73] FISHER & PAYKEL LIMITED, NZ  
[22] 1991-12-18  
[30] NZ (236543) 1990-12-19

[11] **2,058,636**  
[13] C

[51] **Int.Cl. 5C09K 7/02**  
[25] EN  
[54] **USE OF SELECTED ESTER OILS IN WATER-BASED DRILLING FLUIDS OF THE O/W EMULSION TYPE AND CORRESPONDING DRILLING FLUIDS WITH IMPROVED ECOLOGICAL ACCEPTABILITY**  
[54] **UTILISATION D'HUILES D'ESTERS CHOISIES DANS DES FLUIDES DE FORAGE A BASE D'EAU DU TYPE D'EMULSION HUILE-EAU, ET DES FLUIDES DE FORAGE CORRESPONDANTS PLUS ACCEPTABLES DU POINT DE VUE DE L'ECOLOGIE**  
[72] Mueller, Heinz, DE  
[72] Herold, Claus-Peter, DE  
[72] von Tapavicza, Stephan, DE  
[72] Fues, Johann Friedrich, DE  
[73] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 1991-11-18  
[86] 1990-05-07 (PCT/EP90/00736)  
[87] (WO90/14402)  
[30] DE (P 39 15 875.4) 1989-05-16

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[11] 2,059,455  
[13] C

[51] Int.Cl. 5H04J 1/02  
[25] EN  
[54] DEVICE FOR THE COHERENT DEMODULATION OF TIME-FREQUENCY INTERLACED DIGITAL DATA, WITH ESTIMATION OF THE FREQUENCY RESPONSE OF THE TRANSMISSION CHANNEL AND THRESHOLD, AND CORRESPONDING TRANSMITTER  
[54] DISPOSITIF DE DEMODULATION COHERENTE DE DONNEES NUMERIQUES ENTRELACEES DANS L'ESPACE TEMPS-FREQUENCE A EVALUATION DE LA REPONSE FREQUENTIELLE DU CANAL DE TRANSMISSION ET DU SEUIL ET EMETTEUR CONNEXE  
[72] Castelain, Damien, FR  
[72] Helard, Jean-François, FR  
[72] Le Floch, Bernard, FR  
[72] Rault, Jean-Christophe, FR  
[73] FRANCE TELECOM, FR  
[73] TELEDIFFUSION DE FRANCE S.A., FR  
[22] 1992-01-16  
[30] FR (9100654) 1991-01-17

[11] 2,059,486  
[13] C

[51] Int.Cl. 5B42D 15/10  
[25] EN  
[54] A SECURITY DOCUMENT AND A METHOD FOR PRODUCING IT  
[54] DOCUMENT DE SECURITE ET METHODE DE PRODUCTION  
[72] Kaule, Wittich, DE  
[73] GAO Gesellschaft fur Automation und Organisation mbH, DE  
[22] 1992-01-16  
[30] DE (P 41 01 301.8) 1991-01-17

[11] 2,059,617  
[13] C

[51] Int.Cl. 5B41J 2/16 5B41J 2/165  
[25] EN  
[54] METHOD FOR MANUFACTURING AN INK JET RECORDING HEAD AND A RECORDING HEAD MANUFACTURED THEREBY  
[54] METHODE DE FABRICATION DE TETES D'ENREGISTREMENT A JET D'ENCRE ET TETE  
[54] D'ENREGISTREMENT FABRIQUEE SELON CETTE METHODE  
[72] Masuda, Kazuaki, JP  
[72] Watanabe, Takashi, JP  
[72] Goto, Akira, JP  
[72] Sato, Motoaki, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1992-01-17  
[30] JP (3-004710) 1991-01-18  
[30] JP (3-043555) 1991-03-08  
[30] JP (3-043658) 1991-03-08  
[30] JP (3-043659) 1991-03-08  
[30] JP (3-043672) 1991-03-08

[11] 2,060,396  
[13] C

[51] Int.Cl. 5G09G 1/02  
[25] EN  
[54] VIDEO DISPLAY ADJUSTMENT AND ON-SCREEN MENU SYSTEM  
[54] DISPOSITIF DE REGLAGE D'AFFICHAGE VIDEO ET D'AFFICHAGE DE MENUS SUR L'ECRAN  
[72] Samuels, James V., US  
[73] ACER PERIPHERALS, INC., TW  
[22] 1992-01-30  
[30] US (796,411) 1991-11-22

[11] 2,060,534  
[13] C

[51] Int.Cl. 5C12P 17/12 5C12N 1/20  
[25] EN  
[54] MICROBIOLOGICAL PROCESS FOR THE PRODUCTION OF 6-HYDROXYPICOLINIC ACID  
[54] PROCEDE MICROBIOLOGIQUE POUR L'OBTENTION D'ACIDE 6-HYDROXYPICOLINIQUE  
[72] Kiener, Andreas, CH  
[72] Glockler, Rainer, CH  
[72] Heinzmann, Klaus, CH  
[73] Lonza, Ltd., CH  
[22] 1992-02-03  
[30] CH (330/91) 1991-02-04

[11] 2,066,014  
[13] C

[51] Int.Cl. 5G03B 7/097  
[25] EN  
[54] EXPOSURE CONTROL APPARATUS OF CAMERA  
[54] DISPOSITIF DE COMMANDE D'EXPOSITION POUR APPAREIL PHOTO  
[72] Sato, Osamu, JP  
[72] Nakano, Satoshi, JP  
[72] Hirai, Isamu, JP  
[72] Kitazawa, Toshiyuki, JP  
[72] Sensui, Takayuki, JP  
[72] Yamamoto, Masato, JP  
[72] Yamanaka, Toshimasa, JP  
[72] Shishikura, Takenao, JP  
[72] Takahashi, Akio, JP  
[72] Matsudo, Nobuhiko, JP  
[73] ASAHI KOGAKU KOGYO KABUSHIKI KAISHA, JP  
[22] 1992-04-14  
[30] JP (3-173491) 1991-04-15  
[30] JP (3-173492) 1991-04-15  
[30] JP (3-173493) 1991-04-15  
[30] JP (3-173494) 1991-04-15  
[30] JP (3-339656) 1991-11-28  
[30] JP (3-361200) 1991-11-28  
[30] JP (3-361201) 1991-11-28  
[30] JP (3-361202) 1991-11-28  
[30] JP (3-361197) 1991-11-28

[11] 2,066,234  
[13] C

[51] Int.Cl. 5G01N 21/01  
[25] EN  
[54] ACTIVATION COMPOUNDS AND METHODS FOR NUCLEIC ACID STERILIZATION  
[54] COMPOSES ET METHODES D'ACTIVATION POUR LA STERILISATION DES ACIDES NUCLEIQUES  
[72] Isaacs, Stephen T., US  
[72] Cimino, George D., US  
[72] Metchette, Kenneth C., US  
[72] Tessman, John W., US  
[72] Hearst, John E., US  
[73] Isaacs, Stephen T., US  
[73] Cimino, George D., US  
[73] Metchette, Kenneth C., US  
[73] Tessman, John W., US  
[73] Hearst, John E., US  
[85] 1992-03-30  
[86] 1990-10-26 (PCT/US90/06228)  
[87] (WO91/06665)  
[30] US (427,303) 1989-10-26  
[30] US (428,494) 1989-10-26

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[11] **2,067,346**  
[13] C

[51] **Int.Cl. 5B65D 17/32**  
[25] EN  
[54] **CONTAINER END MEMBER  
ELEMENT D'EXTREMITE POUR  
CONTENEUR**  
[72] Moen, Bruce A., US  
[72] Cook, Harold, Jr., US  
[73] ADOLPH COORS COMPANY, US  
[85] 1992-04-06  
[86] 1990-11-27 (PCT/US90/06904)  
[87] (WO91/08143)  
[30] US (443,510) 1989-11-30

[11] **2,067,484**  
[13] C

[51] **Int.Cl. 5F25C 1/00 5B23P 15/00  
5F25B 39/02**  
[25] EN  
[54] **INTEGRALLY FORMED,  
MODULAR ICE CUBER HAVING A  
STAINLESS STEEL EVAPORATOR  
AND A MICROCONTROLLER**  
[54] **APPAREIL A GLACONS  
MODULAIRE SUR BASE INCORPOREE  
ET COMPORTANT UNEVAPORATEUR  
EN ACIER INOXYDABLE ET UN  
MICROCONTROLEUR**  
[72] Alvarez, Robert J., US  
[72] Bredesen, Scott E., US  
[72] Flim, Duane D., US  
[72] Kniffen, Todd E., US  
[72] Schahrer, Clinton O., US  
[72] Wilson, James J., US  
[73] Mile High Equipment Company, US  
[22] 1992-04-28  
[30] US (701,440) 1991-05-13

[11] **2,072,595**  
[13] C

[51] **Int.Cl. 5A22B 3/10 5A22B 5/04**  
[25] EN  
[54] **SLAUGHTERED ANIMAL  
STICKING KNIFE AND BLOOD-  
EXTRACTING ARRANGEMENT**  
[54] **DISPOSITIF DE COUTEAU A  
SAIGNER**  
[72] Sjöberg, John, SE  
[73] Anitec - John Sjöberg AB, SE  
[85] 1992-06-29  
[86] 1990-12-27 (PCT/SE90/00871)  
[87] (WO91/09529)  
[30] SE (8904400-2) 1989-12-29

[11] **2,073,035**  
[13] C

[51] **Int.Cl. 5G01C 19/72**  
[25] EN  
[54] **SINGLE STAGE DEMODULATOR  
WITH REFERENCE SIGNAL PHASE  
DITHER**  
[54] **DEMODULATEUR A ETAGE  
UNIQUE UTILISANT UN SIGNAL DE  
REFERENCE A FLUCTUATION DE  
PHASE**  
[72] Winston, Charles R., Jr., US  
[73] HONEYWELL INC., US  
[85] 1992-07-02  
[86] 1991-06-24 (PCT/US91/04528)  
[87] (WO92/00503)  
[30] US (07/546,819) 1990-07-02

[11] **2,073,435**  
[13] C

[51] **Int.Cl. 5E06B 3/94**  
[25] EN  
[54] **FOLDABLE PARTITION**  
[54] **CLOISON RAPIDE**  
[72] Starck, Hans, DE  
[72] Dixon, Guy E., III, US  
[73] Panelfold, Inc., US  
[85] 1992-07-08  
[86] 1991-01-10 (PCT/US91/00033)  
[87] (WO91/10802)  
[30] DE (G 90 00 231.8) 1990-01-10  
[30] DE (G 90 05 382.6) 1990-05-11

[11] **2,073,559**  
[13] C

[51] **Int.Cl. 5E06B 3/44 5E05F 1/00**  
[25] EN  
[54] **DOOR**  
[54] **PORTE**  
[72] Aabel, Lasse, NO  
[73] Nomafa AB, SE  
[22] 1992-07-09

[11] **2,074,186**  
[13] C

[51] **Int.Cl. 5C08B 37/16 5A61K 47/40  
5A61K 31/70**  
[25] EN  
[54] **DERIVATIVES OF  
CYCLODEXTRINS EXHIBITING  
ENHANCED AQUEOUS SOLUBILITY  
AND THE USE THEREOF**  
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SOLID-STATE ELECTRIC DOUBLE  
LAYER CAPACITOR USING THE  
SAME AS WELL AS PROCESSES FOR  
THE MANUFACTURE THEREOF**  
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[54] **METHODE ET ORDONNANCEUR POUR DETERMINER L'INSTANT OU UN SERVEUR DOIT FOURNIR UN SERVICE A DEBIT CONTROLE A UNE ENTITE**  
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[51] **Int.Cl. 6A61B 17/22 6A61B 17/138**  
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[51] **Int.Cl. 6C12N 15/24 6C07K 7/08 6C07K 16/24 6C07K 14/54 6G01N 33/566 6C07K 14/715**  
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[73] Patent Category Corporation, US  
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[51] **Int.Cl. 6F16H 63/46**  
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[54] **COMMANDE DE SELECTION CONTINUE POUR TRANSMISSION MECANIQUE SEMI-AUTOMATIQUE**  
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[25] EN  
[54] **PROCESS AND DEVICE FOR PROCESSING AND/OR DEWATERING SLUDGE LIQUOR FROM WASTE WATER TANKS, IN PARTICULAR SMALL SEWERAGE PURIFICATION PLANTS**  
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT ET/OU LA DESHYDRATATION DES BOUES EXTRAITES DE RESERVOIRS D'EAUX USEES, EN PARTICULIER DE PETITES STATIONS D'EPURATION DES EGOUTS**  
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[54] **METHOD AND APPARATUS FOR ECHO CANCELLING WITH DOUBLE-TALK IMMUNITY**  
[54] **PROCEDE ET DISPOSITIF DE SUPPRESSION D'ECHO A INSENSIBILITE A LA SUPERPOSITION DES SIGNAUX VOCAUX**  
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[54] PROCEDE, APPAREIL ET MEDIUM D'ENREGISTREMENT POUR REPRODUIRE L'INFORMATION  
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[11] 2,178,881  
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[11] 2,179,758  
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[51] Int.Cl. 6G06F 17/14  
[25] EN  
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[13] C

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[25] EN  
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LIBRARIES AND IMPROVED  
METHODS OF SYNTHESIS**  
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SYNTHESE AMELIORES**  
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[13] C

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[25] EN  
[54] **SOUND GENERATING  
APPARATUS AND METHOD, SOUND  
GENERATING SPACE AND SOUND,  
EACH PROVIDED FOR  
SIGNIFICANTLY INCREASING THE  
CEREBRAL BLOOD FLOW OF A  
PERSON**  
[54] **APPAREIL ET METHODE POUR  
LA PRODUCTION DE SON; ESPACE  
PRODUISANT LE SON ET SON  
PROPREMENT DIT : MOYENS POUR  
AUGMENTER DE FACON  
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CEREBRAL D'UNE PERSONNE**  
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OSCILLATOR AND MACHINING  
APPARATUS USING THE SAME**  
[54] **OSCILLATEUR DE LASER A  
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OSCILLATEUR**  
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[13] C

[51] **Int.Cl. 6A23C 9/16 6A23G 1/00**  
[25] EN  
[54] **METHOD & APPARATUS FOR  
PRODUCTION OF ANHYDROUS  
WHOLE MILK POWDER HAVING  
FULL FAT CONSTITUENT RECOVERY  
FOR FURTHER USE**  
[54] **METHODE ET APPAREIL POUR  
L'OBTENTION DE POUDRE DE LAIT  
ENTIER ANHYDRE, PERMETTANT DE  
RECUPERER TOUS LES CORPS GRAS  
POUR UTILISATION FUTURE**  
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[51] **Int.Cl. 6C07D 473/34 6C07D 471/04  
6C07H 19/167 6A61K 31/435 6A61K 31/52  
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ANTIHYPERTENSIVE,  
CARDIOPROTECTIVE, ANTI-  
ISCHEMIC AND ANTILIPOLYTIC  
PROPERTIES**  
[54] **COMPOSES PRESENTANT DES  
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SPECIFICITY**  
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[54] **CATHETER A BALLONNET A CORPS TRESSE**  
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[72] Samson, Gene, US  
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[30] US (08/607,847) 1996-02-27

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[13] C

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[30] US (575,378) 1995-12-20

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[13] C

[51] **Int.Cl. 6H04Q 3/66**  
[25] EN  
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[54] **ARCHITECTURE DE RESEAU POUR L'ACHEMINEMENT DE SERVICES A BASE D'AJOUTS**  
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[11] 2,194,266  
[13] C

[51] **Int.Cl. 6H04R 17/00 6H04R 1/02 6G06F 1/04**  
[25] EN  
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[72] Kokonaski, William, US  
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[11] 2,194,269  
[13] C

[51] **Int.Cl. 6H02K 5/10 6H02K 5/12 6H02K 5/16**  
[25] EN  
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[54] **DISPOSITIF DE SCELLEMENT POUR ISOLER DES PALIERS DANS UN MOTEUR**  
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[73] PACKAGING CORP. OF AMERICA, US  
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[51] **Int.Cl. 6C12N 15/56 6A01H 5/00 6C07H 21/00 6C12N 15/82**  
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[54] **ENDO-1,4-BETA.-GLUCANASE GENES AND THEIR USE IN PLANTS**  
[54] **GENES D'ENDO-1,4-BETA.-GLUCANASE ET UTILISATION DE CES DERNIERS DANS DES PLANTES**  
[72] Bennett, Alan B., US  
[72] Fischer, Robert L., US  
[72] Lashbrook, Coralie, US  
[72] Giovannoni, James, US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
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[11] 2,195,679  
[13] C

[51] **Int.Cl. 6G06F 17/60 6G06K 19/07**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'INFORMATIONS CODEES AVEC CARTE A PUCE**  
[54] **PROCESS AND DEVICE OF PROCESSING CODED INFORMATION WITH A CHIP CARD**  
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[13] C

[51] **Int.Cl. 6H04L 29/04**  
[25] EN  
[54] **TRANSMISSION CONTROL METHOD IN NETWORK SYSTEM FOR SIGNAL TRANSMISSION BY PLURAL CHANNELS AND NETWORK SYSTEM THEREFOR**  
[54] **METHODE DE CONTROLE DES TRANSMISSIONS DANS UN RESEAU POUR LA TRANSMISSION DE SIGNAUX VIA UNE PLURALITE DE CANAUX ET RESEAU UTILISANT CETTE METHODE**  
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[73] CANON KABUSHIKI KAISHA, JP  
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[11] **2,196,523**  
[13] C

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[25] EN  
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[54] **BOUCHON POUR TESTER LES CONDUITES**  
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[72] BERUBE, Guy, CA  
[73] GLENN CARSON, CA  
[73] GUY BERUBE, CA  
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[13] C

[51] **Int.Cl. 6C04B 35/58 6C23C 14/06**  
[25] FR  
[54] **NITRURE DE TITANE DOPE PAR DU BORE, REVETEMENT DE SUBSTRAT A BASE DE CE NOUVEAU COMPOSE, POSSEDANT UNE DURETE ELEVEE ET PERMETTANT UNE TRES BONNE RESISTANCE A L'USURE, ET PIECES COMPORTANT UN TEL REVETEMENT**  
[54] **TITANIUM NITRIDE DOPED WITH BORON, SUBSTRATE COATING BASED ON THIS NEW COMPOUND, WITH GOOD HARDNESS CONFERRING VERY GOOD RESISTANCE TO WEAR, AND PARTS BEARING SUCH A COATING**  
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[73] TECMACHINE, FR  
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[13] C

[51] **Int.Cl. 6E05B 47/00**  
[25] EN  
[54] **REMOTELY-OPERATED SELF-CONTAINED ELECTRONIC LOCK SECURITY SYSTEM ASSEMBLY**  
[54] **MECANISME ELECTRONIQUE INTEGRE DE VERROUILLAGE DE SECURITE, COMMANDE A DISTANCE**  
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[72] Schultz, Kenneth, US  
[72] Lehman, Gary, US  
[72] Andreou, Demos, US  
[72] Glezer, Ari, US  
[73] SCHLAGE LOCK COMPANY, US  
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[13] C

[51] **Int.Cl. 6C12Q 1/68 6G01N 33/574**  
[25] EN  
[54] **METHOD FOR DIAGNOSING A PREDISPOSITION FOR BREAST AND OVARIAN CANCER**  
[54] **PROCEDE POUR DIAGNOSTIQUER UNE PREDISPOSITION AU CANCER DU SEIN ET DES OVAIRES**  
[72] Skolnick, Mark H., US  
[72] Goldgar, David E., US  
[72] Kamb, Alexander, US  
[72] Swenson, Jeff, US  
[72] Miki, Yoshio, US  
[72] Harshman, Keith D., US  
[72] Shattuck-Eidens, Donna M., US  
[72] Tavtigian, Sean V., US  
[72] Wiseman, Roger W., US  
[72] Futreal, P. Andrew, US  
[73] MYRIAD GENETICS, INC., US  
[73] UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY OF THE DEPARTMENT, US  
[73] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
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[30] US (08/289,221) 1994-08-12  
[30] US (08/487,002) 1995-06-07  
[30] US (08/409,305) 1995-03-24  
[30] US (08/483,554) 1995-06-07  
[30] US (08/488,011) 1995-06-07  
[30] US (08/308,104) 1994-09-16  
[30] US (08/348,824) 1994-11-29  
[30] US (08/300,266) 1994-09-02

[11] **2,196,841**  
[13] C

[51] **Int.Cl. 6C10B 53/00**  
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[54] **GAZOGENE A LIT MOBILE HORIZONTAL**  
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[72] de CAUMIA, Bruno, CA  
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[73] CUMMINS-ALLISON CORPORATION, US  
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[30] US (08/299,064) 1994-08-31

[11] 2,197,179  
[13] C

[51] Int.Cl. 6A21C 3/02  
[25] EN  
[54] APPARATUS FOR FORMING SHEETS OF MATERIAL HAVING A UNIFORM THICKNESS AND CUTTING INDIVIDUAL PORTIONS THEREFROM  
[54] APPAREIL POUR FORMER DES FEUILLES D'UN MATERIAU D'EPaisseur UNIFORME ET ET POUR COUPER DES PORTIONS INDIVIDUELLES DANS CELLES-CI  
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[72] BROYLES, Carolyn E., US  
[72] WILSON, Barry F., US  
[73] RECOT, INC., US  
[85] 1997-02-10  
[86] 1995-08-09 (PCT/US95/10064)  
[87] (WO96/04796)  
[30] US (08/292,816) 1994-08-10

[11] 2,197,262  
[13] C

[51] Int.Cl. 6H04N 7/173 6H04B 10/12 6H04B 10/18  
[25] EN  
[54] SHARED HYBRID FIBER-COAX NETWORK HAVING REDUCED INGRESS NOISE  
[54] RESEAU PARTAGE HYBRIDE DE FIBRE COAXIAL AYANT REDUIT LE BRUIT D'ENTREE  
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[73] AT&T CORP., US  
[22] 1997-02-11  
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[11] 2,198,415  
[13] C

[51] Int.Cl. 6C03B 33/00 6B23K 26/00 6C03B 33/06  
[25] EN  
[54] METHOD OF PROCESSING WORKPIECES MADE OF SOLID MATERIALS AND DEVICE THEREFOR  
[54] METHODE ET DISPOSITIF D'USINAGE DE PIECES FAITES DE MATERIAUX SOLIDES  
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[72] VETTER, Helmut, DE  
[72] STAUPENDAHL, Gisbert, DE  
[73] ARZNEIMITTEL GmbH APOTHEKER VETTER & CO. RAVENSBURG, DE  
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[11] 2,198,449  
[13] C

[51] Int.Cl. 6B23D 19/08 6B23B 5/16  
[25] EN  
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[54] METHODE ET MACHINE D'USINAGE A LA PRESSE  
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[72] NISHIYAMA, Toshiaki, JP  
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[11] 2,198,501  
[13] C

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[54] SYSTEME DE DIAGNOSTIQUE DE DEFAILLANCES ET METHODE POUR DISPOSITIFS DE COMMANDE ELECTRONIQUE EMBARQUES  
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[73] TOYOTA JIDOSHA KUBUSHIKI KAISHA, JP  
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[11] 2,199,170  
[13] C

[51] Int.Cl. 6C08F 8/40 6C09D 5/38  
[25] EN  
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[54] PHOSPHONATES N-ACYLAMINOMETHYLENE ET LEUR UTILISATION DANS DES COMPOSITIONS DE REVETEMENT EN SUSPENSION DANS L'EAU  
[72] LAMERS, Paul H., US  
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[72] POOLE, James E., US  
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[73] PPG INDUSTRIES OHIO, INC., US  
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[87] (WO96/08518)  
[30] US (08/304,050) 1994-09-12

[11] 2,199,287  
[13] C

[51] Int.Cl. 6H04Q 1/20 6H04M 3/22  
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[54] CONSIGNATION PROGRESSIVE DESTINEE AU TEST DES RESEAUX INTELLIGENTS  
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[73] NORTEL NETWORKS LIMITED, CA  
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[11] 2,200,169  
[13] C

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[54] AGENTS FONGIQUES A BASE DE TRIAZOLE  
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[72] STEPHENSON, Peter Thomas, GB  
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[13] C

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[54] **APPARATUS FOR INCREASING THE TRANSFER RATE OF PRODUCTION STIMULATION FLUIDS THROUGH A WELLHEAD OF A HYDROCARBON WELL**  
[54] **DISPOSITIF PERMETTANT D'AUGMENTER LA VITESSE DE TRANSFERT DES FLUIDES STIMULANT LA PRODUCTION A TRAVERS UNE TETE DE PUIT**  
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[22] 1997-04-08

[11] **2,205,197**  
[13] C

[51] **Int.Cl. 6H04N 7/173 6H04N 7/10**  
[25] EN  
[54] **SHARED HYBRID FIBER-COAX SYSTEM HAVING INCREASED BANDWIDTH IN THE UPSTREAM AND DOWNSTREAM DIRECTIONS**  
[54] **SYSTEME HYBRIDE PARTAGE A FIBRE ET A CABLE COAXIAL, A BANDE PASSANTE ELARGIE EN AMONT ET EN AVAL**  
[72] PEYROVIAN, M. Javad, US  
[73] AT&T CORP., US  
[22] 1997-05-13  
[30] US (697,474) 1996-08-26

[11] **2,205,541**  
[13] C

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[25] EN  
[54] **ELASTIC WAISTBAND WITH RELEASABLY SECURED DRAWSTRING**  
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[73] ELASTEX, INC.,  
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[11] **2,203,611**  
[13] C

[51] **Int.Cl. 6C09B 47/04 6C09B 67/16**  
[25] EN  
[54] **PROCESS FOR PRODUCING .BETA.-FORM COPPER PHTHALOCYANINE PIGMENT**  
[54] **PROCEDE DE PRODUCTION D'UN PIGMENT DE PHTALOCYANINE DE CUIVRE DE FORME BETA**  
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[72] TOMIYA, Nobuyuki, JP  
[73] Toyo Ink Manufacturing Co., Ltd., JP  
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[11] **2,205,279**  
[13] C

[51] **Int.Cl. 6H04N 7/173 6H04N 7/10**  
[25] EN  
[54] **SHARED HYBRID-FIBER COAX SYSTEM HAVING IMPROVED BANDWIDTH**  
[54] **SYSTEME HYBRIDE COMMUN A CABLE DE FIBRES OPTIQUES ET A CABLE COAXIAL A BANDE PASSANTE ELARGIE**  
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[73] AT&T CORP., US  
[22] 1997-05-13  
[30] US (687,818) 1996-07-26

[11] **2,205,767**  
[13] C

[51] **Int.Cl. 6H01M 10/28**  
[25] EN  
[54] **NONAQUEOUS SECONDARY BATTERY AND A METHOD OF MANUFACTURING A NEGATIVE ELECTRODE ACTIVE MATERIAL**  
[54] **BATTERIE SECONDAIRE A ELECTROLYTE NON AQUEUX ET METHODE DE FABRICATION DE MATIERE ACTIVE D'ELECTRODE NEGATIVE**  
[72] TSUKUDA, Yoshihiro, JP  
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[72] MINATO, Kazuaki, JP  
[72] NISHIMURA, Naoto, JP  
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[30] JP (HEI 8(1996)-268074) 1996-10-09  
[30] JP (HEI 9(1997)-016973) 1997-01-30

[11] **2,204,073**  
[13] C

[51] **Int.Cl. 6E03C 1/18**  
[25] EN  
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[54] **CUVE A LESSIVE**  
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[72] FUNARI, Michael A., US  
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[73] ZURN INDUSTRIES, INC., US  
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[30] US (640,654) 1996-05-01

[11] **2,205,343**  
[13] C

[51] **Int.Cl. 6H04N 7/15 6H04L 12/52**  
[25] EN  
[54] **PACKET MODE MULTIMEDIA CONFERENCING SERVICES OVER AN ISDN WIDE AREA NETWORK**  
[54] **SERVICES DE CONFERENCE MULTIMEDIA AVEC TRANSMISSION PAR PAQUETS ASSURES PAR UN GRAND RESEAU RNIS**  
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[72] KUTHYAR, Ashok K., US  
[72] RAMAMURTHY, Ram S., US  
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[22] 1997-05-14  
[30] US (672,841) 1996-06-28

[11] **2,206,013**  
[13] C

[51] **Int.Cl. 6A61B 17/56**  
[25] EN  
[54] **SURGICAL APPARATUS**  
[54] **INSTRUMENT CHIRURGICAL**  
[72] ASHBY, Alan Miles, GB  
[72] COWLING, Mark Alasdair, GB  
[73] HOWMEDICA INTERNATIONAL INC., IE  
[22] 1997-05-23  
[30] GB (9611074.7) 1996-05-28



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[13] C

[51] Int.Cl. 6H04B 15/00 6H04N 7/173  
6H04B 10/18  
[25] EN  
[54] METHOD FOR  
ASYMMETRICALLY ATTENUATING  
SIGNALS IN A TRANSMISSION  
SYSTEM  
[54] METHODE POUR ATTENUER LES  
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TRANSMISSION  
[72] MORGAN, Isaac E., US  
[73] AT&T CORP., US  
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[30] US (686,302) 1996-07-25

[11] 2,207,710  
[13] C

[51] Int.Cl. 6B67D 5/08 6G01N 21/00  
6G01N 21/90  
[25] EN  
[54] A METHOD AND AN APPARATUS  
FOR IDENTIFYING FOREIGN BODIES  
IN PACKAGED BEVERAGES, AS WELL  
AS USE OF THE APPARATUS  
[54] PROCEDE ET APPAREIL POUR  
L'IDENTIFICATION DE CORPS  
ETRANGERS DANS DES BOISSONS  
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[73] KJAERGAARD INDUSTRI  
AUTOMATIC A/S, DK  
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[86] 1995-12-12 (PCT/DK95/00504)  
[87] (WO96/18883)  
[30] DK (1427/94) 1994-12-13

[11] 2,208,187  
[13] C

[51] Int.Cl. 6H04L 12/26 6H04M 3/36  
[25] EN  
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[54] SYSTEME D'INFORMATION SUR  
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COMMUNICATION  
[72] MOO, Barbara E., US  
[72] BELLOVIN, Steven Michael, US  
[73] AT&T CORP., US  
[22] 1997-06-18  
[30] US (679,782) 1996-07-15

[11] 2,208,830  
[13] C

[51] Int.Cl. 6H04B 7/00 6H04L 27/32  
6H04B 1/62 6H04B 1/66  
[25] EN  
[54] TECHNIQUE FOR  
SIMULTANEOUS COMMUNICATIONS  
OF ANALOG FREQUENCY-  
MODULATED AND DIGITALLY  
MODULATED SIGNALS USING  
PRECANCELING SCHEME  
[54] TECHNIQUE D'EMISSION EN  
SIMULTANE DE SIGNAUX A  
MODULATION DE FREQUENCE  
ANALOGIQUE ET DE SIGNAUX A  
MODULATION NUMERIQUE AVEC  
UNE TECHNIQUE D'ANNULATION  
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[72] SUNDBERG, Carl-Erik Wilhelm, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-06-25  
[30] US (704,470) 1996-08-22

[11] 2,209,793  
[13] C

[51] Int.Cl. 6F24C 7/08  
[25] EN  
[54] COOKING APPARATUS  
SEQUENTIALLY DISPLAYING  
COOKING METHODS ON ITS DISPLAY  
AND COOKING METHODS USING  
SUCH COOKING APPARATUS  
[54] APPAREIL DE CUISSON A  
AFFICHAGE DES MODES DE CUISSON  
ET MODES DE CUISSON ASSOCIES  
[72] ISHIKAWA, Kazuhiko, JP  
[72] WANDA, Kazuo, JP  
[73] SHARP KABUSHIKI KAISHA, JP  
[22] 1997-07-04  
[30] JP (8-180680) 1996-07-10  
[30] JP (8-199089) 1996-07-29  
[30] JP (8-199092) 1996-07-29  
[30] JP (8-199103) 1996-07-29  
[30] JP (8-199105) 1996-07-29

[11] 2,210,649  
[13] C

[51] Int.Cl. 6A01K 15/00 6E04H 17/00  
[25] EN  
[54] ROLL-UP CROWD GATE  
[54] BARRIERE A CHEPTEL  
RELEVABLE  
[72] KLEIN, Eric, US  
[72] DALEIDEN, Kevin L., US  
[72] HOPPMAN, Chris, US  
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[73] A.F. KLINZING COMPANY, INC., US  
[22] 1997-07-10  
[30] US (60/021,706) 1996-07-12  
[30] US (08/890,078) 1997-07-09

[11] 2,210,823  
[13] C

[51] Int.Cl. 6A61K 47/04 6A61K 9/66  
6A61K 35/74  
[25] EN  
[54] PHARMACEUTICAL  
COMPOSITIONS COMPRISING  
LACTOBACILLI SUITABLE FOR  
TRANS-MUCOSAL ADMINISTRATION  
[54] COMPOSITIONS  
PHARMACEUTIQUES COMPRENANT  
DES LACTOBACILLES POUVANT  
ETRE ADMINISTREES A TRAVERS  
LES MUQUEUSES  
[72] TOSI, Silvana, IT  
[72] DONDI, Giancarla, IT  
[73] DR. A TOSI FARMACEUTICI s.r.l., IT  
[22] 1997-07-17  
[30] EP (97830169.5) 1997-04-14

[11] 2,210,947  
[13] C

[51] Int.Cl. 6H04N 7/173 6H04L 12/12  
6H04Q 7/24 6H04L 12/56  
[25] EN  
[54] BROADBAND DATA RECEPTION  
SYSTEM FOR WORLDNET(TM)  
ACCESS  
[54] SYSTEME DE RECEPTION DE  
DONNEES A LARGE BANDE SERVANT  
D'ACCES AU RESEAU WORLDNET  
(TM)  
[72] RUSSELL, Jesse Eugene, US  
[72] RUDRAPATNA, Ashok N., US  
[72] MILLER, Robert Raymond II, US  
[73] AT&T CORP., US  
[22] 1997-07-21  
[30] US (807,527) 1997-02-27

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[11] **2,210,996**  
[13] C

[51] **Int.Cl. 6A61K 47/06 6A61K 39/00  
6A61K 45/08 6A61K 38/17**  
[25] EN  
[54] **LIQUID FORMULATIONS FOR  
PROTEINIC PHARMACEUTICALS**  
[54] **FORMULATIONS LIQUIDES POUR  
PRODUITS PHARMACEUTIQUES  
PROTEINIQUES COMPRENANT AU  
MOINS DEUX AGENTS  
D'AMELIORATION DE  
L'ABSORPTION**  
[72] CHANDARANA, Subash, CA  
[72] MODI, Pankaj, CA  
[73] CHANDARANA, Subash, CA  
[73] MODI, Pankaj, CA  
[85] 1997-07-18  
[86] 1996-05-16 (PCT/CA96/00305)  
[87] (WO96/36352)  
[30] US (08/442,358) 1995-05-16

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[13] C

[51] **Int.Cl. 6H04N 7/173 6H04J 11/00  
6H04M 11/06 6H04N 7/10 6H04M 3/22  
6H04N 7/22**  
[25] EN  
[54] **MULTI-POINT TO POINT  
COMMUNICATION SYSTEM**  
[54] **SYSTEME DE  
TELECOMMUNICATIONS  
MULTIPOINT A POINT**  
[72] HILL, Terrance J., US  
[72] ROBERTS, Harold A., US  
[72] FORT, Michael J., US  
[72] DAPPER, Mark J., US  
[72] GEILE, Michael J., US  
[72] BUSKA, Steven P., US  
[72] ANDERSON, Brian D., US  
[72] BREDE, Jeffrey, US  
[72] KIRSCHT, Robert J., US  
[72] WADMAN, Mark S., US  
[72] HERRMANN, James J., US  
[73] ADC TELECOMMUNICATIONS,  
INC., US  
[85] 1997-07-22  
[86] 1996-02-06 (PCT/US96/01575)  
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[30] US (08/384,659) 1995-02-06  
[30] US (08/457,317) 1995-06-01

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[11] **2,211,120**  
[13] C

[51] **Int.Cl. 6C12N 5/08 6A61K 35/12  
6A61K 35/28**  
[25] EN  
[54] **LINEAGE-DIRECTED INDUCTION  
OF HUMAN MESENCHYMAL STEM  
CELL DIFFERENTIATION**  
[54] **INDUCTION PAR LIGNEE POUR  
LA DIFFERENCIATION DE CELLULES  
SOUCHES MESENCHYMATEUSES  
CHEZ L'HOMME**  
[72] BRUDER, Scott P., US  
[72] CAPLAN, Arnold I., US  
[72] HAYNESWORTH, Stephen E., US  
[73] CASE WESTERN RESERVE  
UNIVERSITY, US  
[73] OSIRIS THERAPEUTICS, INC., US  
[85] 1997-07-22  
[86] 1996-01-05 (PCT/US96/00170)  
[87] (WO96/23059)  
[30] US (08/377,461) 1995-01-24

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[11] **2,211,717**  
[13] C

[51] **Int.Cl. 6C11D 3/39**  
[25] EN  
[54] **AUTOMATIC DISHWASHING  
COMPOSITIONS COMPRISING  
COBALT (III) CATALYSTS**  
[54] **COMPOSITIONS POUR LE  
LAVAGE AUTOMATIQUE DE LA  
VAISSELLE COMPRENANT DES  
CATALYSEURS COBALTEUX**  
[72] GETTY, Edward Eugene, US  
[72] GOLDSTEIN, Alan Scott, US  
[72] SCHEPER, William Michael, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-07-29  
[86] 1996-01-30 (PCT/US96/01199)  
[87] (WO96/23861)  
[30] US (08/382,546) 1995-02-02

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[13] C

[51] **Int.Cl. 6C22C 38/42**  
[25] EN  
[54] **HYDROGEN SULFIDE  
CORROSION RESISTANT HIGH-CR  
AND HIGH NI ALLOYS**  
[54] **ALLIAGES A FORTE TENEUR EN  
CHROME ET EN NICKEL RESISTANTS  
A LA CORROSION PAR LE SULFURE  
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[72] UEDA, Masakatsu, JP  
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[25] EN  
[54] **HELMET MOUNTED, LASER  
DETECTION SYSTEM**  
[54] **SYSTEME DE DETECTION DE  
LASER MONTE SUR CASQUE**  
[72] GROSS, Michael D., US  
[73] RAYTHEON COMPANY, US  
[85] 1997-08-07  
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[87] (WO97/26554)  
[30] US (08/589,723) 1996-01-22

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[11] **2,213,432**  
[13] C

[51] **Int.Cl. 6H04N 7/14**  
[25] EN  
[54] **VIDEO TELEPHONE CALL  
HANDLING SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE POUR  
TRAITER DES APPELS  
VIDEOPHONIQUES**  
[72] WILD, Ronald Lee, US  
[73] AT&T CORP., US  
[85] 1997-08-20  
[86] 1996-12-23 (PCT/US96/20486)  
[87] (WO97/24876)  
[30] US (579,709) 1995-12-28

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[11] **2,214,229**  
[13] C

[51] **Int.Cl. 6F04B 13/00 6F16N 27/00**  
[25] EN  
[54] **FLUID INJECTOR PUMP WITH  
INTERCHANGEABLE RESERVOIR**  
[54] **POMPE A INJECTEUR  
HYDRAULIQUE AVEC RESERVOIR  
INTERCHANGEABLE**  
[72] WRIGHT, Scott, US  
[72] GRUETT, Donald G., US  
[73] OIL-RITE CORPORATION, US  
[22] 1997-08-29  
[30] US (08/876,784) 1997-06-16

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[51] Int.Cl. 6G08B 13/24  
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[54] EAS SYSTEM WITH  
ALTERNATING ON/OFF  
TRANSMITTER OPERATION AND  
LOOP ANTENNA  
[54] SYSTEME EAS UTILISANT UN  
EMETTEUR A ALTERNANCE  
MARCHE/ARRET ET UNE ANTENNE  
CADRE  
[72] MORIN, Sylvie R., US  
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[11] 2,214,620  
[13] C

[51] Int.Cl. 6A63B 69/00 6A47G 27/02  
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[25] EN  
[54] POOL PLAYER STANCE  
TRAINING MAT  
[54] PLANCHE D'APPRENTISSAGE DU  
BILLARD  
[72] COLAK, John, CA  
[73] TRI-LYNX CORPORATION, CA  
[22] 1997-09-04  
[30] US (08/901,429) 1997-07-25

[11] 2,214,852  
[13] C

[51] Int.Cl. 6G01D 21/00 6G06F 17/40  
[25] EN  
[54] FAULT TOLERANT MULTIPOINT  
CONTROL AND DATA COLLECTION  
SYSTEM  
[54] SYSTEME MULTIPOINT DE  
COMMANDE ET DE COLLECTE DE  
DONNEES INSENSIBLE AUX  
DEFAILLANCES  
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[72] APPLEBY, Kenneth E., US  
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[73] Vibrametrics, Inc., US  
[85] 1997-09-08  
[86] 1996-06-05 (PCT/US96/08901)  
[87] (WO97/02478)  
[30] US (08/497,652) 1995-06-30

[11] 2,215,085  
[13] C

[51] Int.Cl. 6G01F 15/00 6G01M 17/08  
6B60T 17/22 6G01L 5/28  
[25] EN  
[54] FLOW SIGNAL FILTER  
[54] COMPENSATION DE RESERVOIR  
D'EQUILIBRE  
[72] CRAWFORD, Charles, US  
[72] BAILEY, Gary, US  
[72] DIMSA, Robert, US  
[72] FERRI, Vincent, US  
[73] WESTINGHOUSE AIR BRAKE  
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[22] 1997-09-10  
[30] US (826,897) 1997-04-09

[11] 2,215,189  
[13] C

[51] Int.Cl. 6B05C 5/04  
[25] EN  
[54] FLUID FLOW CONTROL PLATES  
FOR HOT MELT ADHESIVE  
APPLICATOR  
[54] PLAQUES DE CONTROLE DU  
DEBIT DE FLUIDE POUR  
APPLICATEUR D'ADHESIF  
THERMOFUSIBLE  
[72] BOLYARD, Edward W., Jr., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1997-09-10  
[30] US (08/734,400) 1996-10-16

[11] 2,215,740  
[13] C

[51] Int.Cl. 6H04B 7/212  
[25] EN  
[54] METHOD AND APPARATUS FOR  
CONTROLLING A FRACTIONAL-N  
SYNTHESIZER IN A TIME DIVISION  
MULTIPLE ACCESS SYSTEM  
[54] PROCEDE ET APPAREIL  
PERMETTANT DE COMMANDER UN  
SYNTHETISEUR FRACTION-N DANS  
UN RESEAU D'ACCES MULTIPLE A  
REPARTITION DANS LE TEMPS  
[72] DANIEL, Christopher John, US  
[72] KOVARIK, Thomas J., US  
[72] SWENSON, Robert Scott, US  
[73] MOTOROLA, INC., US  
[85] 1997-09-16  
[86] 1996-11-06 (PCT/US96/17851)  
[87] (WO97/28606)  
[30] US (08/594,098) 1996-01-30

[11] 2,216,650  
[13] C

[51] Int.Cl. 6A61L 2/12 6A61L 2/26 6H05B  
6/80  
[25] EN  
[54] METHOD AND SYSTEM FOR  
STERILIZING MEDICAL  
INSTRUMENTS  
[54] PROCEDE ET SYSTEME DE  
STERILISATION D'INSTRUMENTS  
MEDICAUX  
[72] SCHIFFMANN, Robert Frank, US  
[72] HELD, Jeffery Scott, US  
[73] Quiclave, L.L.C., US  
[85] 1997-07-23  
[86] 1996-01-23 (PCT/US96/01006)  
[87] (WO96/22794)  
[30] US (08/381,685) 1995-01-26

[11] 2,219,669  
[13] C

[51] Int.Cl. 6C11D 1/68  
[25] EN  
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COMPOSITIONS  
[54] COMPOSITIONS DE NETTOYAGE  
AUTO-EPAISSIES  
[72] PUCCI, Maurizio, IT  
[72] RAPISARDA, Dario, IT  
[72] ORLANDINI, Laura, IT  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[22] 1997-10-28  
[30] EP (96870139.1) 1996-11-04

[11] 2,219,873  
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[51] Int.Cl. 6G06K 9/18  
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[54] LECTEUR DE CODES A BARRES  
[72] IKEDA, Kenichi, JP  
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[25] EN  
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[54] **ETAGERES CRYOGENIQUES**  
[72] DEVACK, Donald Leonard, US  
[72] CHENG, Alan Tat Yan, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
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[13] C

[51] **Int.Cl. 6H04L 7/033 6H04B 10/12**  
[25] EN  
[54] **METHOD OF AND DEVICE FOR CONTROLLING THE PHASE OF A CLOCK SIGNAL IN A POINT-TO-POINT OPTICAL TRANSMISSION**  
[54] **METHODE ET DISPOSITIF PERMETTANT LA COMMANDE DE PHASE D'UN SIGNAL D'HORLOGE DANS UNE TRANSMISSION OPTIQUE DE POINT A POINT**  
[72] PULEO, Mario, IT  
[72] GAMBINI, Piero, IT  
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[22] 1997-11-05  
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[13] C

[51] **Int.Cl. 6H04J 13/02 6H04Q 7/22**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING CODING RATE IN A WIRELESS COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL POUR DETERMINER UN TAUX DE CODAGE DANS UN SYSTEME DE COMMUNICATION SANS FIL**  
[72] LING, Fuyun, US  
[72] STEWART, Kenneth A., US  
[72] WANG, Michael Mao, US  
[73] MOTOROLA, INC., US  
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[13] C

[51] **Int.Cl. 6F25D 29/00 6H02J 3/00**  
[25] EN  
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[54] **DISPOSITIF D'ALIMENTATION POUR CIRCUIT DE COMMANDE**  
[72] WETEKAMP, Robert L., US  
[73] MAYTAG CORPORATION, US  
[22] 1997-11-14  
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[13] C

[51] **Int.Cl. 6B03C 7/12**  
[25] EN  
[54] **ELECTROSTATIC SEPARATION DEVICE FOR SORTING TRIBOELECTRICALLY CHARGED MIXTURES**  
[54] **DISPOSITIF ELECTROSTATIQUE DE SEPARATION DE MELANGES DE MATERIAUX ELECTRISES PAR FROTTEMENT**  
[72] GEISLER, Iring, DE  
[72] KNAUER, Hans-Jürgen, DE  
[72] STAHL, Ingo, DE  
[73] Kali und Salz GmbH, DE  
[22] 1997-11-17  
[30] DE (P 196 48 373.5) 1996-11-22

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[13] C

[51] **Int.Cl. 6G01J 3/02**  
[25] EN  
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[54] **SONDE OPTIQUE SPECTROSCOPIQUE ROBUSTE**  
[72] NELSON, Gregory Wayne, US  
[72] EDWARDS, Roger Dale, US  
[72] NICELY, Vincent Alvin, US  
[72] BUCHANAN, Norma Lindsey, US  
[72] ALSMEYER, Daniel Charles, US  
[73] EASTMAN CHEMICAL COMPANY, US  
[85] 1997-11-24  
[86] 1996-05-17 (PCT/US96/06528)  
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[30] US (08/450,597) 1995-05-25

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[13] C

[51] **Int.Cl. 6B01J 23/58 6C07C 67/055 6C07C 69/15 6B01J 23/60 6B01J 23/656**  
[25] EN  
[54] **CATALYST AND PROCESS FOR PREPARING VINYL ACETATE**  
[54] **CATALYSEUR ET PROCEDE POUR PREPARER DE L'ACETATE DE VINYLE**  
[72] ABEL, Roland, US  
[73] CELANESE GMBH, DE  
[85] 1997-11-21  
[86] 1996-05-10 (PCT/EP96/01994)  
[87] (WO96/37455)  
[30] US (08/448,146) 1995-05-23  
[30] DE (195 23 271.2) 1995-06-27

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[13] C

[51] **Int.Cl. 6E21B 43/00 6E21B 33/04 6E21B 33/068 6E21B 19/22**  
[25] EN  
[54] **SPOOLABLE COILED TUBING COMPLETION SYSTEM**  
[54] **SYSTEME EMOBINABLE DE COMPLETION DE TUYAUTERIE EN SPIRALE**  
[72] PRINGLE, Ronald E., US  
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[13] C

[51] **Int.Cl. 6G02F 1/1335 6G09F 9/35**  
[25] EN  
[54] **LIQUID CRYSTAL DISPLAY EMPLOYING DUAL NEGATIVE RETARDERS AND A BRIGHTNESS ENHANCING FILM**  
[54] **AFFICHEUR A CRISTAUX LIQUIDES UTILISANT DES RETARDATEURS NEGATIFS DOUBLES ET UN FILM REHAUSSANT LA LUMINOSITE**  
[72] FISKE, Thomas G., US  
[72] SILVERSTEIN, Louis D., US  
[72] CRAWFORD, Gregory P., US  
[73] XEROX CORPORATION, US  
[22] 1997-11-26  
[30] US (08/764,349) 1996-12-12  
[30] US (08/764,542) 1996-12-12  
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[25] EN  
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[54] PROCESSUS DE PRODUCTION DE TOLES D'ACIER PLAQUEES  
[72] KATO, Chiaki, JP  
[72] ISOBE, Makoto, JP  
[72] SETO, Kazuhiro, JP  
[73] KAWASAKI STEEL CORPORATION, JP  
[22] 1997-11-28

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[11] 2,224,795  
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[51] Int.Cl. 6C07K 14/435 6A61K 38/17  
[25] EN  
[54] COMPOSITIONS AND FORMULATIONS FOR PRODUCING ANALGESIA AND FOR INHIBITING PROGRESSION OF NEUROPATHIC PAIN DISORDERS  
[54] COMPOSITIONS ET FORMULATIONS PERMETTANT DE PRODUIRE UNE ANALGESIE ET D'INHIBER LA PROGRESSION DE TROUBLES LIES A DES DOULEURS NEUROPATHIQUES  
[72] LUTHER, Robert R., US  
[72] PETTUS, Mark Raymond, US  
[72] ADRIAENSSENS, Peter Isadore, US  
[72] KRISTIPATI, Ramasharma, US  
[72] BOWERSOX, Stephen Scott, US  
[72] GOHIL, Kishorchandra, US  
[72] AMSTUTZ, Gary Arthur, US  
[72] GADBOIS, Theresa, US  
[73] ELAN PHARMACEUTICALS, INC., US  
[85] 1997-12-15  
[86] 1996-06-26 (PCT/US96/11041)  
[87] (WO97/01351)  
[30] US (08/496,847) 1995-06-27  
[30] US (08/613,400) 1996-03-08

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[13] C  
[51] Int.Cl. 6B05C 11/04 6D21H 25/10  
[25] EN  
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[54] APPLICATEUR DE REVETEMENT A LAME SOUPLE  
[72] TOMATIS, Gian C., IT  
[73] BELOIT TECHNOLOGIES, INC., US  
[22] 1997-12-12  
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[51] Int.Cl. 6F16K 31/60  
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[54] POIGNEE DE ROBINET  
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[73] MASCO CORPORATION OF INDIANA, US  
[22] 1997-12-19  
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[13] C  
[51] Int.Cl. 6E06B 9/42  
[25] EN  
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[54] ENSEMBLE DE GUIDAGE POUR MOUSTIQUAIRE DE FENETRE ENROULABLE  
[72] BUHR, Terry J., US  
[73] Pella Corporation, US  
[22] 1998-01-15  
[30] US (08/848,230) 1997-04-30

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[13] C  
[51] Int.Cl. 6H04L 12/12 6H04L 12/24 6G06F 17/30  
[25] EN  
[54] TRANSACTION CLASH MANAGEMENT IN A DISCONNECTABLE COMPUTER AND NETWORK  
[54] GESTION DE CONFLITS DE TRANSACTIONS DANS UN ORDINATEUR ET UN RESEAU POUVANT ETRE DECONNECTES  
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[72] DRAPER, Stephen P.W., GB  
[72] FALLS, Patrick T., GB  
[73] NOVELL, INC., US  
[85] 1998-01-20  
[86] 1996-07-18 (PCT/US96/11902)  
[87] (WO97/04390)  
[30] US (60/001,344) 1995-07-20

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[13] C  
[51] Int.Cl. 6H01B 17/56 6H02K 1/12 6B26D 1/147  
[25] EN  
[54] METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE FOR USE IN FORMING STATOR SLOT WEDGES  
[54] METHODES, EQUIPEMENT ET ARTICLES MANUFACTURES SERVANT A LA FABRICATION DE COINS A ENCOCHE POUR STATOR  
[72] HAZELTON, Thomas James, US  
[72] JEFFRIES, Mark A., US  
[73] EIS, INC., US  
[22] 1998-01-20  
[30] US (08/786,259) 1997-01-22

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[13] C  
[51] Int.Cl. 6H04M 3/56  
[25] EN  
[54] SYSTEM AND METHOD FOR TELECONFERENCING ON AN INTERNETWORK COMPRISING CONNECTION-ORIENTED AND CONNECTIONLESS NETWORKS  
[54] SYSTEME ET METHODE D'ETABLISSEMENT DE TELECONFERENCES SUR UN RESEAU COMPOSITE CONSTITUE DE RESEAUX A CONNEXIONS ET DE RESEAUX SANS CONNEXION  
[72] REIT, Robert E., US  
[72] SUN, Chaochen J., US  
[72] WEST, Earle H., US  
[73] AT&T CORP., US  
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[11] 2,229,931  
[13] C  
[51] Int.Cl. 6G02B 5/02 6G02F 1/1335  
[25] EN  
[54] LIGHT REFLECTANT SURFACE FOR BACKLIT LIQUID CRYSTAL DISPLAYS  
[54] SURFACE REFLECHISSANTE DESTINEE A DES AFFICHEURS A CRISTAUX LIQUIDES RETRO-ECLAIRES  
[72] HANNON, Gregory E., US  
[72] MINOR, Raymond B., US  
[72] MCGREGOR, Gordon L., US  
[73] W. L. Gore & Associates, Inc., US  
[85] 1998-02-19  
[86] 1996-08-06 (PCT/US96/12825)  
[87] (WO97/08571)  
[30] US (08/520,633) 1995-08-29

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[11] **2,231,160**  
[13] C

[51] **Int.Cl. 6B29C 47/04 6D01F 1/04**  
[25] EN  
[54] **PROCESS OF MAKING COLORED EXTRUDED ARTICLES**  
[54] **PROCEDE DE FABRICATION D'ARTICLES EXTRUDES COLORES**  
[72] TADLER, Kenneth J., US  
[72] LOCKE, John S., US  
[72] SHIBATA, Caroline Tjhen, US  
[72] PEARLMAN, Paul Sheldon, US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1998-03-05  
[86] 1996-09-25 (PCT/US96/15339)  
[87] (WO97/11830)  
[30] US (60/004,405) 1995-09-28  
[30] US (08/629,863) 1996-04-09

[11] **2,231,847**  
[13] C

[51] **Int.Cl. 6H01P 5/18**  
[25] EN  
[54] **STRIPLINE DIRECTIONAL COUPLER TOLERANT OF SUBSTRATE VARIATIONS**  
[54] **COUPLEUR DIRECTIONNEL A LIGNE MICRORUBAN TOLERANT AUX VARIATIONS DE SUBSTRAT**  
[72] COLEMAN, William E., Jr., US  
[73] RAYTHEON COMPANY, US  
[85] 1998-03-12  
[86] 1996-09-13 (PCT/US96/14598)  
[87] (WO97/10622)  
[30] US (08/529,070) 1995-09-15

[11] **2,232,844**  
[13] C

[51] **Int.Cl. 6G01S 7/32 6G01S 7/295 6G01S 13/90**  
[25] EN  
[54] **SUPER SPATIALLY VARIANT APODIZATION**  
[54] **SUPER APODISATION DES VARIABLES SPATIALES (SUPER SVA)**  
[72] STANKWITZ, Herbert C., US  
[72] KOSEK, Michael R., US  
[73] ERIM INTERNATIONAL, INC., US  
[85] 1998-03-23  
[86] 1996-09-19 (PCT/US96/15068)  
[87] (WO97/12257)  
[30] US (60/005,450) 1995-09-29  
[30] US (08/692,573) 1996-08-06

[11] **2,233,185**  
[13] C

[51] **Int.Cl. 6H04M 15/10**  
[25] EN  
[54] **TELEPHONE BILLING SYSTEM**  
[54] **SYSTEME DE FACTURATION TELEPHONIQUE**  
[72] GILBOY, Christopher P., US  
[72] BAUER, Thomas M., US  
[73] AT&T CORP., US  
[22] 1998-03-25  
[30] US (08/857,663) 1997-05-16

[11] **2,233,206**  
[13] C

[51] **Int.Cl. 6G06F 3/02**  
[25] EN  
[54] **SAFE AND LOW COST COMPUTER PERIPHERALS WITH FORCE FEEDBACK FOR CONSUMER APPLICATIONS**  
[54] **PERIPHERIQUES D'ORDINATEUR SURS ET BON MARCHE, POURVUS D'UNE RETROACTION TACTILE, POUR DES APPLICATIONS GRAND PUBLIC**  
[72] SCHENA, Bruce M., US  
[72] ROSENBERG, Louis B., US  
[72] BRAUN, Adam C., US  
[73] IMMERSION HUMAN INTERFACE CORPORATION, US  
[85] 1998-03-26  
[86] 1996-09-25 (PCT/US96/15340)  
[87] (WO97/12337)  
[30] US (08/534,791) 1995-09-27  
[30] US (08/623,660) 1996-03-28

[11] **2,233,338**  
[13] C

[51] **Int.Cl. 6B23K 31/00 6B23K 5/12 6B23K 11/16 6B23K 20/22 6B23K 9/23**  
[25] EN  
[54] **WELDED HIGH-STRENGTH STEEL STRUCTURE WITH EXCELLENT CORROSION RESISTANCE**  
[54] **STRUCTURES EN ACIER SOUDE PRESENTANT UNE EXCELLENTE RESISTANCE A LA CORROSION**  
[72] UEDA, Masakatsu, JP  
[72] IGARASHI, Masaaki, JP  
[72] OGAWA, Kazuhiro, JP  
[72] KONDO, Kunio, JP  
[73] Sumitomo Metal Industries Ltd., JP  
[85] 1998-03-27  
[86] 1996-09-27 (PCT/JP96/02834)  
[87] (WO97/12072)  
[30] JP (7-249661) 1995-09-27

[11] **2,236,803**  
[13] C

[51] **Int.Cl. 6B01J 19/08 6G02B 1/04 6G02B 5/08**  
[25] EN  
[54] **LIGHT REFLECTANT SURFACE FOR PHOTOINDUCTION CHAMBERS**  
[54] **SURFACE REFLECHISSANT LA LUMIERE POUR CHAMBRES A PHOTOINDUCTION**  
[72] MINOR, Raymond B., US  
[72] HANNON, Gregory E., US  
[72] HENN, Robert Lyon, US  
[72] MCGREGOR, Gordon L., US  
[73] W.L. GORE & ASSOCIATES, INC., US  
[85] 1998-05-04  
[86] 1996-10-09 (PCT/US96/16142)  
[87] (WO97/20882)  
[30] US (08/569,411) 1995-12-06

[11] **2,236,880**  
[13] C

[51] **Int.Cl. 6A46B 11/02**  
[25] EN  
[54] **TOOTHBRUSH WITH PUMP**  
[54] **BROSSE A DENTS MUNIE D'UNE POMPE**  
[72] PUURUNEN, Juha-Pekka, FI  
[73] PUURUNEN, Juha-Pekka, FI  
[85] 1998-05-05  
[86] 1996-12-10 (PCT/FI96/00653)  
[87] (WO97/22281)  
[30] FI (956061) 1995-12-15

[11] **2,236,972**  
[13] C

[51] **Int.Cl. 6A61B 17/70**  
[25] EN  
[54] **FASTENER**  
[54] **DISPOSITIF DE FIXATION**  
[72] BROWN, Henry John Harding, US  
[72] KAPITAN, John Mark, US  
[72] SANDERS, Marcus Maria, US  
[73] ACROMED CORPORATION, US  
[22] 1998-05-07  
[30] US (08/887,752) 1997-07-03

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[11] 2,237,617  
[13] C

[51] Int.Cl. 6H01Q 1/12  
[25] EN  
[54] MICROWAVE TRANSCEIVER/  
ANTENNA SYSTEM WITH  
ADJUSTABLE MOUNTING AND  
ALIGNMENT MECHANISM  
[54] SYSTEME EMETTEUR-  
RECEPTEUR/ANTENNE  
HYPERFREQUENCE A MECANISME  
DE MONTAGE ET D'ALIGNEMENT  
REGLABLE  
[72] PAUL, Jeffrey A., US  
[72] GARCIA, Jose (Sergio), US  
[72] MINTZLAFF, Richard P., US  
[72] KLEBE, Douglas O., US  
[72] WIEN, Roy, US  
[73] RAYTHEON COMPANY, US  
[85] 1998-05-01  
[86] 1997-08-22 (PCT/US97/14981)  
[87] (WO98/10482)  
[30] US (707,276) 1996-09-03

[11] 2,237,697  
[13] C

[51] Int.Cl. 6H01S 3/08  
[25] EN  
[54] MULTI-ELEMENT MONOLITHIC  
SOLID STATE LASER  
[54] LASER A SOLIDE MONOLITHE A  
PLUSIEURS ELEMENTS  
[72] MUNKS, Timothy C., US  
[72] ANTHON, Douglas W., US  
[73] SCIENTIFIC-ATLANTA, INC., US  
[85] 1998-05-14  
[86] 1996-12-20 (PCT/US96/20055)  
[87] (WO97/23932)  
[30] US (08/577,424) 1995-12-22

[11] 2,237,771  
[13] C

[51] Int.Cl. 6H01S 3/08  
[25] EN  
[54] SOLID STATE LASER OPTIMIZED  
FOR MULTIMODE OPERATION  
[54] LASER A SOLIDE OPTIMISE EN  
VUE D'UN FONCTIONNEMENT  
MULTIMODE  
[72] ANTHON, Douglas W., US  
[73] SCIENTIFIC-ATLANTA, INC., US  
[85] 1998-05-14  
[86] 1996-12-20 (PCT/US96/20054)  
[87] (WO97/23931)  
[30] US (08/577,421) 1995-12-22

[11] 2,239,733  
[13] C

[51] Int.Cl. 6C12N 15/12 6C07H 21/00  
6A61K 48/00 6C07K 19/00 6C12Q 1/02  
6A01K 67/027 6C07K 16/32 6G01N 33/53  
6G01N 33/574 6C12Q 1/68 6C07K 14/82  
[25] EN  
[54] CHROMOSOME 13-LINKED  
BREAST CANCER SUSCEPTIBILITY  
GENE  
[54] GENE DE PREDISPOSITION AU  
CANCER DU SEIN LIE AU  
CHROMOSOME 13  
[72] WEBER, Barbara L., US  
[72] SIMARD, Jacques, CA  
[72] ROMMENS, Johanna M., CA  
[72] TAVTIGIAN, Sean V., US  
[72] KAMB, Alexander, US  
[72] COUCH, Fergus, US  
[73] ENDO RECHERCHE INC., CA  
[73] MYRIAD GENETICS, INC., US  
[73] HSC RESEARCH & DEVELOPMENT  
LIMITED PARTNERSHIP, CA  
[73] TRUSTEES OF THE UNIVERSITY OF  
PENNSYLVANIA (The), US  
[85] 1998-06-05  
[86] 1996-12-17 (PCT/US96/19598)  
[87] (WO97/22689)  
[30] US (08/573,779) 1995-12-18  
[30] US (08/575,359) 1995-12-20  
[30] US (08/576,559) 1995-12-21  
[30] US (08/585,391) 1996-01-11  
[30] US (08/639,501) 1996-04-29

[11] 2,240,282  
[13] C

[51] Int.Cl. 6A01K 9/00 6B65D 47/32  
[25] EN  
[54] ANIMAL FEEDING NIPPLE  
[54] TETINE D'ALIMENTATION POUR  
ANIMAL  
[72] LARSON, Leigh R., US  
[72] LARSON, Reed A., US  
[73] HI-LIFE RUBBER, INC., US  
[73] MERRICK'S, INC., US  
[85] 1998-06-11  
[86] 1996-12-12 (PCT/US96/19888)  
[87] (WO97/21414)  
[30] US (08/571,346) 1995-12-12

[11] 2,241,829  
[13] C

[51] Int.Cl. 6H02J 3/00 6H04B 3/54  
[25] EN  
[54] NON-INVASIVE POWERLINE  
COMMUNICATIONS SYSTEM  
[54] SYSTEME DE COMMUNICATION  
NON INVASIF A FREQUENCE  
PORTEUSE SUR LIGNE A HAUTE  
TENSION  
[72] BASTARACHE, Gary R., US  
[72] WIESMAN, Richard M., US  
[72] MASON, Timothy J., US  
[73] FOSTER-MILLER, INC., US  
[85] 1998-06-29  
[86] 1997-10-30 (PCT/US97/19818)  
[87] (WO98/20658)  
[30] US (741,597) 1996-11-01

[11] 2,242,022  
[13] C

[51] Int.Cl. 6F02M 67/02 6B60K 15/00  
6F02M 35/10  
[25] EN  
[54] FUEL SUPPLY SYSTEM FOR  
AUTOMOTIVE ENGINES  
[54] SYSTEME  
D'APPROVISIONNEMENT EN  
CARBURANT POUR MOTEURS  
AUTOMOBILES  
[72] KONDO, Toyoshi, JP  
[73] TATSUMI CORPORATION, JP  
[22] 1998-06-30

[11] 2,243,241  
[13] C

[51] Int.Cl. 6B23K 20/00  
[25] EN  
[54] METHOD FOR BONDING DUAL-  
PHASE STAINLESS STEEL  
[54] METHODE DE COLLAGE  
D'ACIER INOXYDABLE A DEUX  
PHASES  
[72] UEDA, Masakatsu, JP  
[72] FUKADA, Yasuto, JP  
[72] KOMIZO, Yuuichi, JP  
[72] HIRATA, Hiroyuki, JP  
[73] SUMITOMO METAL INDUSTRIES,  
LTD., JP  
[85] 1998-07-15  
[86] 1997-11-19 (PCT/JP97/04220)  
[87] (WO98/22248)  
[30] JP (8-307577) 1996-11-19

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[11] **2,244,951**  
[13] C

[51] **Int.Cl. 6F02M 35/12**  
[25] EN  
[54] **INTAKE SILENCER SYSTEM**  
[54] **SYSTEME DE SILENCIEUX POUR**  
**ENTREE D'AIR**  
[72] FUJISHIRO, Masamichi, JP  
[72] KIJIMA, Michio, JP  
[72] SATOH, Kazunari, JP  
[72] YOKOYAMA, Katsuhiko, JP  
[72] OKUNO, Akio, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 1998-08-12  
[30] JP (218416/97) 1997-08-13  
[30] JP (218418/97) 1997-08-13

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[11] **2,257,458**  
[13] C

[51] **Int.Cl. 6A01B 63/16**  
[25] EN  
[54] **WHEEL ARM ASSEMBLY**  
**INTERCHANGEABLE BETWEEN**  
**WALKING BEAM AND STRAIGHT**  
**TANDEM CONFIGURATIONS**  
[54] **ENSEMBLE DE BRAS DE ROUES**  
**INTERCHANGEABLE ENTRE UNE**  
**CONFIGURATION DE BALANCIER**  
**FLOTTANT ET UNE CONFIGURATION**  
**DE ROUES EN TANDEM**  
[72] GOINS, Garrett Lee, US  
[72] BIERL, James Franklin, US  
[73] DEERE & COMPANY, US  
[22] 1999-01-12  
[30] US (09/045,664) 1998-03-20

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[11] **2,259,063**  
[13] C

[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **A MULTIPLE EXPANDER**  
**PROCESS TO PRODUCE OXYGEN**  
[54] **PROCEDE D'EXPANSION**  
**MULTIPLE POUR PRODUIRE DE**  
**L'OXYGENE**  
[72] ZHANG, Yanping, US  
[72] AGRAWAL, Rakesh, US  
[72] HERRON, Donn Michael, US  
[73] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[22] 1999-01-15  
[30] US (09/010,965) 1998-01-22

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[11] **2,259,065**  
[13] C

[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **EFFICIENT PROCESS TO**  
**PRODUCE OXYGEN**  
[54] **PROCEDE EFFICACE DE**  
**PRODUCTION D'OXYGENE**  
[72] ZHANG, Yanping, US  
[72] HERRON, Donn Michael, US  
[72] AGRAWAL, Rakesh, US  
[73] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[22] 1999-01-15  
[30] US (09/012,074) 1998-01-22

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[11] **2,259,079**  
[13] C

[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **AN AIR SEPARATION PROCESS**  
**USING WARM AND COLD**  
**EXPANDERS**  
[54] **PROCEDE DE SEPARATION DE**  
**L'AIR UTILISANT DES DISPOSITIFS**  
**D'EXPANSION A CHAUD ET A FROID**  
[72] HERRON, Donn Michael, US  
[72] AGRAWAL, Rakesh, US  
[73] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[22] 1999-01-15  
[30] US (09/010,958) 1998-01-22

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[11] **2,281,200**  
[13] C

[51] **Int.Cl. 6G09F 3/10**  
[25] EN  
[54] **CORE TAG**  
[54] **ETIQUETTE POUR BOBINES DE**  
**FIL**  
[72] FARROW, DAVID LORNE, CA  
[73] MOORE NORTH AMERICA INC., US  
[22] 1999-08-26

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[11] **2,283,355**  
[13] C

[51] **Int.Cl. 6A61G 5/06 6A61G 5/04**  
[25] EN  
[54] **CURB-CLIMBING POWER**  
**WHEELCHAIR**  
[54] **FAUTEUIL ROULANT MOTORISE**  
**A TRACTION AVANT ET CAPABLE DE**  
**MONTER SUR DES BORDURES DE**  
**TROTTOIR**  
[72] MULHERN, JAMES P., US  
[72] SCHAFFNER, WALTER E., US  
[72] ANTONISHAK, STEPHEN J., US  
[72] WHITE, GERALD J., US  
[73] PRIDE MOBILITY PRODUCTS  
CORPORATION, US  
[85] 1999-10-05  
[86] 1998-04-14 (PCT/US98/07543)  
[87] (WO98/46184)  
[30] US (60/041,973) 1997-04-15

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[11] **2,285,852**  
[13] C

[51] **Int.Cl. 6A61K 38/05**  
[25] EN  
[54] **PHARMACEUTICAL TABLET**  
**COMPRISING LISINOPRIL DISODIUM**  
**AND MICROCRYSTALLINE**  
**CELLULOSE**  
[54] **COMPRIME PHARMACEUTIQUE**  
**COMPRENANT DU LISINOPRILE**  
**DISODIQUE ET DE LA CELLULOSE**  
**MICROCRISTALLINE**  
[72] SHERMAN, BERNARD CHARLES,  
CA  
[73] SHERMAN, BERNARD CHARLES,  
CA  
[22] 1999-10-26

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[11] **2,310,367**  
[13] C

[51] **Int.Cl. 7F21S 10/04 7F24C 15/06**  
[25] EN  
[54] **FLAME SIMULATING ASSEMBLY**  
**AND COMPONENTS THEREFOR**  
[54] **SIMULATEUR DE FLAMMES ET**  
**ELEMENTS CONSTITUTIFS**  
[72] GALLO, IGNAZIO, CA  
[72] MACPHERSON, DAVID MILLER, CA  
[72] SPENCER, SEAN DAVID, CA  
[72] HESS, KRISTOFFER, CA  
[73] DIMPLEX NORTH AMERICA  
LIMITED, CA  
[22] 1997-04-30  
[62] 2,204,106  
[30] CA (2,175,442) 1996-04-30  
[30] US (08/801,469) 1997-02-18



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[11] **2,311,753**

[13] C

[51] **Int.Cl. 7B32B 27/10 7D21H 19/22  
7B32B 31/30 7B32B 27/32 7B65D 81/34**

[25] EN

[54] **LAMINATED FILM OR SHEET  
AND BOX-SHAPED VESSEL  
PREPARED THEREFROM**

[54] **PELLICULE OU FEUILLE  
STRATIFIEES, ET RECIPIENT EN  
FORME DE BOITE FABRIQUE A  
PARTIR DE CES MATERIAUX**

[72] SHIGEMOTO, HIROMI, JP

[72] NORITOMI, KATSUMI, JP

[73] MITSUI CHEMICALS INC., JP

[22] 1990-04-12

[62] 2,014,460

[30] JP (95292/89) 1989-04-17

[30] JP (95293/89) 1989-04-17

[30] JP (125413/89) 1989-05-18

[30] JP (128668/89) 1989-05-24

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[11] **2,312,434**

[13] C

[51] **Int.Cl. 7H02K 24/00 7H02K 17/16**

[25] EN

[54] **METHOD AND APPARATUS FOR  
TRANSDUCERLESS FLUX, POSITION  
AND VELOCITY ESTIMATION IN  
DRIVES FOR AC MACHINES**

[54] **PROCEDE ET APPAREIL  
D'ESTIMATION, SANS**

**TRANSDUCTEUR, DE VITESSE, DE  
POSITION ET DE FLUX DANS DES  
DISPOSITIFS DE COMMANDE DE  
MACHINES A COURANT ALTERNATIF**

[72] LORENZ, ROBERT D., US

[72] JANSEN, PATRICK L., US

[73] Wisconsin Alumni Research Foundation,  
US

[22] 1994-12-16

[62] 2,179,776

[30] US (173,405) 1993-12-22

[30] US (263,142) 1994-06-21

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[11] **2,317,818**

[13] C

[51] **Int.Cl. 7H02K 7/14 7B60B 19/00**

[25] FR

[54] **MOTEUR-ROUE ELECTRIQUE**

[54] **ELECTRIC WHEEL-MOTOR**

[72] COUTURE, PIERRE, CA

[73] HYDRO-QUEBEC, CA

[22] 1993-07-06

[62] 2,139,118

[30] US (913,021) 1992-07-14

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March 11, 2001 - March 17, 2001

## Demandes canadiennes mises à la disponibilité du public

11 mars 2001 - 17 mars 2001

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[13] A1  
[51] Int.Cl. 6C12N 15/11 6A61K 39/00  
6C12Q 1/0U4 6G01N 33/569 6C12N 15/79  
[25] EN  
[54] A VACCINE AGAINST  
PISCIRICKETTSIA SALMONIS BASED  
ON A RECOMBINANT 17 KD PROTEIN  
[54] VACCIN CONTRE LE  
PISCIRICKETTSIA SALMONIS A BASE  
D'UNE PROTEINE 17 KD  
RECOMBINEE  
[72] KAY, WILLIAM W., CA  
[72] BURIAN, JAN, CA  
[72] KUZYK, MICHAEL A., CA  
[71] KAY, WILLIAM W., CA  
[71] BURIAN, JAN, CA  
[71] KUZYK, MICHAEL A., CA  
[22] 1999-09-17  
[43] 2001-03-17

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[21] **2,281,965**  
[13] A1  
[51] Int.Cl. 6F01D 5/18  
[25] FR  
[54] AUBE DE TURBINE REFROIDIE A  
BORD DE FUITE AMENAGE  
[54] COOLED TURBINE BLADE WITH  
AN ENGINEERED TRAILING EDGE  
[72] BARIAUD, CHRISTIAN BERNARD,  
FR  
[72] BIL, ERIC STÉPHAN, FR  
[71] SOCIETE NATIONALE D'ETUDE ET  
DE CONSTRUCTION DE MOTEURS  
D'AVIATION "SNEC, FR  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,282,049**  
[13] A1  
[51] Int.Cl. 6B26B 3/00 6B26B 27/00  
[25] EN  
[54] CUTTER FOR BEVERAGE BAGS  
AND THE LIKE  
[54] COUPE-SACS DE BOISSONS ET  
AUTRES DU MEME GENRE  
[72] HA, TOAN HUY, CA  
[71] HA, TOAN HUY, CA  
[22] 1999-09-13  
[43] 2001-03-13

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[21] **2,282,092**  
[13] A1  
[51] Int.Cl. 6G01N 17/00 6G01N 19/00  
6G01N 33/46  
[25] EN  
[54] PROCESS AND SYSTEM FOR  
DETERMINATION OF LAYER  
THICKNESS SWELL OF WOOD  
COMPOSITES  
[54] METHODE ET SYSTEME  
PERMETTANT D'ETABLIR  
L'EPAISSEUR DU GONFLEMENT DES  
COUCHES DE MATERIAUX  
COMPOSITES A BASE DE BOIS  
[72] WANG, SIQUN, US  
[72] WINSTORFER, PAUL MICHAEL, US  
[71] THE UNIVERSITY OF TENNESSEE  
RESEARCH CORPORATION, US  
[22] 1999-09-14  
[43] 2001-03-13  
[30] US (09/394,738) 1999-09-13

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[21] **2,282,093**  
[13] A1  
[51] Int.Cl. 6B65H 3/04 6B65H 7/14  
6B65H 3/46  
[25] EN  
[54] CHARGING APPARATUS  
[54] APPAREIL DE CHARGEMENT  
[72] STING, MARTIN, DE  
[72] WILL, STEFAN, DE  
[71] BELL & HOWELL GMBH, DE  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,282,100**  
[13] A1  
[51] Int.Cl. 6G05D 3/14 6B60R 21/34  
6B60Q 1/50  
[25] EN  
[54] METHOD AND APPARATUS FOR  
OPERATING A RETRACTABLE ARM  
[54] METHODE ET APPAREIL  
D'EXPLOITATION D'UN BRAS  
ESCAMOTABLE  
[72] REAVELL, JAMES A., CA  
[72] PHILLIPS, R. WILLIAM, CA  
[71] B.M.R. MFG. INC., CA  
[22] 1999-09-13  
[43] 2001-03-13

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[21] **2,282,104**  
[13] A1  
[51] Int.Cl. 6G07D 1/00 6G07D 1/02  
[25] EN  
[54] COIN ROLL DISPENSER AND  
SYSTEM INCORPORATING SAME  
[54] DISTRIBUTEUR DE ROULEAUX  
DE PIECES DE MONNAIE ET SYSTEME  
COMPRENANT CE DISTRIBUTEUR  
[72] SIEMENS, JOHN, CA  
[71] NAMSYS INC., CA  
[22] 1999-09-13  
[43] 2001-03-13

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[21] **2,282,106**  
[13] A1  
[51] Int.Cl. 6B66C 13/04 6B66C 23/62  
6B66C 23/88  
[25] EN  
[54] BRAKE FOR A BOOM MOUNTED  
FREE SWINGING WORKING MEMBER  
[54] FREIN POUR ELEMENT DE  
TRAVAIL MOBILE LIBRE MONTE SUR  
FLECHE  
[72] McKAY, JAMES RUSSELL, CA  
[71] McKAY, JAMES RUSSELL, CA  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,282,108**  
[13] A1  
[51] **Int.Cl. 6B23D 59/00 6B27B 21/00 6B23D 49/10**  
[25] EN  
[54] **HANDSAW GUARD**  
[54] **PROTECTEUR DE SCIE A MAIN**  
[72] TAYLOR, G. KIMBERLEY, CA  
[71] TAYLOR, G. KIMBERLEY, CA  
[22] 1999-09-13  
[43] 2001-03-13

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[21] **2,282,109**  
[13] A1  
[51] **Int.Cl. 6E02D 31/14**  
[25] EN  
[54] **APPARATUS FOR CREATING A VOID UNDER A STRUCTURAL CONCRETE SLAB**  
[54] **APPAREIL PERMETTANT DE PRODUIRE UN VIDE SOUS UNE DALLE DE BETON STRUCTURALE**  
[72] VASSEUR, ROBERT EUGENE, CA  
[71] VASSEUR, ROBERT EUGENE, CA  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,282,111**  
[13] A1  
[51] **Int.Cl. 6B65D 63/10**  
[25] EN  
[54] **RELEASABLE TIE STRAP**  
[54] **ATTACHES REUTILISABLES**  
[72] MEARS, ARTHUR WILLIAM, US  
[71] MEARS, ARTHUR WILLIAM, US  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,282,128**  
[13] A1  
[51] **Int.Cl. 6B41M 5/20**  
[25] EN  
[54] **STAINLESS STEEL ANODE FOR ELECTROCOAGULATION PRINTING**  
[54] **ANODE D'ACIER INOXYDABLE POUR IMPRESSION PAR ELECTROCOAGULATION**  
[72] CASTEGNIER, ADRIEN, CA  
[71] ELCORSY TECHNOLOGY INC., CA  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,282,134**  
[13] A1  
[51] **Int.Cl. 7B05C 7/08 6B05C 7/00 7F16L 57/00 6B05D 7/22 6B05D 1/40**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CIRCUMFERENTIAL APPLICATION OF MATERIALS TO AN INTERIOR SURFACE OF A CURVED PIPE**  
[54] **METHODE ET APPAREIL D'APPLICATION CIRCONFERENCELLE DE MATERIAUX SUR LA SURFACE INTERNE D'UN TUYAU CINTRE**  
[72] HARMAT, FRED, CA  
[72] VAN DONGEN, GRAEME, CA  
[71] ALMAC MACHINE WORKS LTD., CA  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,282,135**  
[13] A1  
[51] **Int.Cl. 6D02G 3/04**  
[25] EN  
[54] **BUFFALO HAIR YARN AND FABRIC AND METHOD OF MAKING BUFFALO HAIR YARN AND FABRIC**  
[54] **FILES ET TISSU DE POILS DE BISON ET METHODE DE FABRICATION DE FILES ET DE TISSU DE POILS DE BISON**  
[72] SETTLE, SHERI STOTZ, US  
[71] GREAT PLAINS BUFFALO PRODUCTS, INC., US  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,282,137**  
[13] A1  
[51] **Int.Cl. 6B05B 13/02 6B05C 13/00 6B62B 3/02**  
[25] EN  
[54] **EXPANDABLE PAINTING WAGON**  
[54] **CHARIOT A PEINTURE EXTENSIBLE**  
[72] SPIEWAK, BRAD, CA  
[72] FIEGE, WILFRED, CA  
[72] SCHMOLL, HERBERT, CA  
[72] TAN, SOR HOA, CA  
[71] DECOMA INTERNATIONAL CORP., CA  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,282,139**  
[13] A1  
[51] **Int.Cl. 6B60N 2/48 6A47C 7/38**  
[25] EN  
[54] **REMOVABLE, SHAPED, FORM-RETAINING ANTIMACASSAR FOR THE HEADREST OF A VEHICLE SEAT**  
[54] **TETIERE INDEFORMABLE, FACONNE ET INDEFORMABLE POUR L'APPUI-TETE D'UN SIEGE DE VEHICULE**  
[72] BREWDA, PETER, CA  
[71] BREWDA, PETER, CA  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,282,140**  
[13] A1  
[51] **Int.Cl. 6A63B 69/34**  
[25] EN  
[54] **REACTION AND TECHNIQUE DEVELOPMENT SLED**  
[54] **TRAINEAU DE DEVELOPPEMENT DES REACTIONS ET DE LA TECHNIQUE**  
[72] HALLBERG, EDWIN A., US  
[71] HALLBERG, EDWIN A., US  
[22] 1999-09-15  
[43] 2001-03-13  
[30] US (09/395,337) 1999-09-13

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[21] **2,282,141**  
[13] A1  
[51] **Int.Cl. 6E21B 43/04 6E21B 33/127**  
[25] EN  
[54] **GRAVEL PACK APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE GRAVILLONNAGE DE CREPINES**  
[72] CARISELLA, JAMES V., US  
[71] CARISELLA, JAMES V., US  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,282,150**  
[13] A1  
[51] **Int.Cl. 6B62K 27/00 6B62K 27/08**  
[25] EN  
[54] **SIDECAR ASSEMBLY FOR A BICYCLE**  
[54] **NACELLE A FIXER PARALLELEMENT A UNE BICYCLETTE**  
[72] LEPLEY, JOEL, CA  
[71] LEPLEY, JOEL, CA  
[22] 1999-09-13  
[43] 2001-03-13

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**11 mars 2001 - 17 mars 2001**

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[21] **2,282,151**  
[13] A1  
[51] **Int.Cl. 6B68C 1/12 6B68F 1/00**  
[25] EN  
[54] **METHOD TO CUSTOMIZE A SADDLE ON A HORSE AND APPARATUSES THEREOF**  
[54] **METHODE D'ADAPTATION D'UNE SELLE SUR UN CHEVAL ET ACCESSOIRES CONNEXES**  
[72] ROSKIES, GREG, CA  
[71] ROSKIES, GREG, CA  
[22] 1999-09-13  
[43] 2001-03-13

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[21] **2,282,188**  
[13] A1  
[51] **Int.Cl. 6B41M 5/20 6B41J 2/525**  
[25] EN  
[54] **INTERMITTENT ELECTROCOAGULATION PRINTING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL D'IMPRESSON PAR ELECTROCOAGULATION INTERMITTENTE**  
[72] CASTEGNIER, ADRIEN, CA  
[71] ELCORSY TECHNOLOGY INC., CA  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,282,204**  
[13] A1  
[51] **Int.Cl. 6B60P 7/08 6B66D 1/34**  
[25] EN  
[54] **DUAL WINCH RAILCAR LOAD BELT TIE-DOWN METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL D'ARRIMAGE DE CHARGEMENTS DE WAGONS A TREUILS DOUBLES**  
[72] LITTLE, HEWARD CECIL, CA  
[71] WESTRAN HOLDINGS LIMITED, CA  
[22] 1999-09-13  
[43] 2001-03-13

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[21] **2,282,155**  
[13] A1  
[51] **Int.Cl. 6H01T 23/00**  
[25] EN  
[54] **PASSIVE NEGATIVE ION GENERATOR**  
[54] **GENERATEUR PASSIF D'IONS NEGATIFS**  
[72] CRAMER, GUY, CA  
[71] CRAMER, GUY, CA  
[22] 1999-09-13  
[43] 2001-03-13

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[21] **2,282,199**  
[13] A1  
[51] **Int.Cl. 6A45F 3/04 6A45C 3/06**  
[25] EN  
[54] **CONVERTIBLE BACKPACK / SHOULDER BAG**  
[54] **SAC A DOS/SAC A BANDOULIERE TRANSFORMABLE**  
[72] CANDELARIA, LAUREN, US  
[72] PAUL, JEANNE, US  
[71] NORM THOMPSON OUTFITTERS, INC., US  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,282,208**  
[13] A1  
[51] **Int.Cl. 6A47J 27/21**  
[25] EN  
[54] **KETTLE AND METHOD OF USE OF THE SAME**  
[54] **BOUILLOIRE ET METHODE D'UTILISATION CONNEXE**  
[72] NADEAU, NORMAN GARY, CA  
[71] NADEAU, NORMAN GARY, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,282,173**  
[13] A1  
[51] **Int.Cl. 6H04L 12/16**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONDUCTING AN ELECTRONIC AUCTION OVER AN OPEN COMMUNICATIONS NETWORK**  
[54] **SYSTEME ET METHODE DE TENUE D'ENCHERES ELECTRONIQUES SUR UN RESEAU DE COMMUNICATIONS OUVERT**  
[72] SEYMOUR, MARK, GB  
[72] EMMOTT, STEPHEN J., GB  
[71] NCR CORPORATION, US  
[22] 1999-09-14  
[43] 2001-03-14  
[30] US (09/395,847) 1999-09-14

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[21] **2,282,200**  
[13] A1  
[51] **Int.Cl. 6B61D 45/00 6B60P 7/08**  
[25] EN  
[54] **RAILCAR LOAD TIE-DOWN BELT WINDING AND STORAGE APPARATUS**  
[54] **APPAREIL D'ENROULEMENT ET DE RANGEMENT DE COURROIE D'ARRIMAGE DE CHARGEMENTS DE WAGONS**  
[72] LITTLE, HEWARD CECIL, CA  
[71] WESTRAN HOLDINGS LIMITED, CA  
[22] 1999-09-13  
[43] 2001-03-13

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[21] **2,282,216**  
[13] A1  
[51] **Int.Cl. 6A01K 29/00**  
[25] EN  
[54] **GARMENT FOR MINIMIZING THE DISTRIBUTION OF DOMESTIC PET HAIR**  
[54] **VETEMENT MINIMISANT LA DISTRIBUTION DE POILS D'ANIMAUX DOMESTIQUES**  
[72] ROSS, SUSAN E., CA  
[72] MCGEE, EILEEN, CA  
[71] ROSS, SUSAN E., CA  
[71] MCGEE, EILEEN, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,282,223**  
[13] A1  
[51] **Int.Cl. 6C02F 1/50 6C02F 3/00**  
[25] EN  
[54] **PROCESS FOR TREATING WASTE WATER**  
[54] **METHODE DE TRAITEMENT DES EAUX USEES**  
[72] CAMPBELL, BRYAN A., US  
[72] ENNIS, JERRY D., US  
[71] CAMPBELL, BRYAN A., US  
[71] ENNIS, JERRY D., US  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,282,226**  
[13] A1  
[51] **Int.Cl. 6A63F 1/00**  
[25] EN  
[54] **CASINO TYPE CARD GAME METHOD**  
[54] **METHODE DE JEU DE CARTES DE TYPE CASINO**  
[72] DAINES, SHIRLEY, CA  
[71] CANADIAN (21) STOOK LTD., CA  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,282,229**  
[13] A1  
[51] **Int.Cl. 6A61G 5/06**  
[25] EN  
[54] **CONVERSION KIT FOR CREATING AN OBSTACLE-MOUNTING WHEELCHAIR**  
[54] **TROUSSE PERMETTANT LA TRANSFORMATION D'UN FAUTEUIL ROULANT TRADITIONNEL EN UN FAUTEUIL ROULANT POUVANT SURMONTER DES OBSTACLES**  
[72] NICHOLS, DEREK, CA  
[71] NICHOLS, DEREK, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,282,230**  
[13] A1  
[51] **Int.Cl. 6F15B 11/04 6F15B 11/042 6F15B 13/042**  
[25] EN  
[54] **HYDRAULIC RAISING APPARATUS WITH AUTOMATIC REGULATED SPEEDS**  
[54] **APPAREIL DE LEVAGE HYDRAULIQUE A REGULATION AUTOMATIQUE DE LA VITESSE**  
[72] HUNG, MICHAEL, TW  
[71] MVP (H.K.) INDUSTRIES LIMITED, HK  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,282,237**  
[13] A1  
[51] **Int.Cl. 6E06B 7/08**  
[25] EN  
[54] **ADJUSTABLE SHUTTER ASSEMBLY AND SLAT CONTROL MECHANISM**  
[54] **ENSEMBLE DE VOLET AJUSTABLE ET MECANISME DE COMMANDE DE BEC**  
[72] RICCI, FERNANDO, CA  
[71] RICCI, FERNANDO, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,282,246**  
[13] A1  
[51] **Int.Cl. 7C08G 12/12**  
[25] EN  
[54] **CONTROLLED RELEASE UREA-FORMALDEHYDE LIQUID FERTILIZER RESINS WITH HIGH NITROGEN LEVELS**  
[54] **ENGRAIS LIQUIDE COMPOSE DE RESINES D'UREE-FORMALDEHYDE A TENEUR ELEVEE EN AZOTE ET A LIBERATION REGULEE**  
[72] ARTHUR, LISA M., US  
[72] MIROUS, GEORGE E., US  
[72] WERTZ, STACEY L., US  
[72] GABRIELSON, KURT D., US  
[71] GEORGIA-PACIFIC RESINS, INC., US  
[22] 1999-09-15  
[43] 2001-03-14  
[30] US (09/395,212) 1999-09-14

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[21] **2,282,248**  
[13] A1  
[51] **Int.Cl. 6H01B 15/00**  
[25] EN  
[54] **MACHINE FOR USE IN RECYCLING ARMORED CABLE**  
[54] **MACHINE UTILISEE POUR LE RECYCLAGE DE CABLES BLINDES**  
[72] PEDERSON, KENNETH ALLEN, CA  
[71] PEDERSON, KENNETH ALLEN, CA  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,282,260**  
[13] A1  
[51] **Int.Cl. 6B60C 27/20 6B60C 27/22**  
[25] EN  
[54] **TRACTION BAR WITH SPLIT LINK ATTACHMENT**  
[54] **BARRE D'ACCOUPLLEMENT MUNIE D'UNE ATTACHE POUR MAILLON BRISE**  
[72] ARSENAULT, ARMAND J., CA  
[71] ARSENAULT, ARMAND J., CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,282,330**  
[13] A1  
[51] **Int.Cl. 6G21C 3/42**  
[25] EN  
[54] **URANIUM HIGH-DENSITY DISPERSION FUEL WITH SPHERICAL URANIUM ALLOY POWER SOLIDIFIED RAPIDLY BY ATOMIZATION METHOD, AND THE FUEL FABRICATION PROCESS**  
[54] **COMBUSTIBLE A L'URANIUM EN DISPERSION, A MASSE VOLUMIQUE ELEVEE, CONTENANT DES PARTICULES SPHERIQUES EN POWDRE D'ALLIAGE D'URANIUM A SOLIDIFICATION RAPIDE OBTENUES PAR ATOMISATION ET PROCEDE DE PRODUCTION DU COMBUSTIBLE**  
[72] KUK, IL-HYUN, KR  
[72] KIM, ENG-SOO, KR  
[72] JANG, SE-JUNG, KR  
[72] SOHN, DONG-SEONG, KR  
[72] KIM, KI-HWAN, KR  
[72] KIM, CHANG-KYU, KR  
[71] KOREA ELECTRIC POWER CORPORATION, KR  
[71] KOREA ATOMIC ENERGY RESEARCH INSTITUTE, KR  
[22] 1999-09-14  
[43] 2001-03-14

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**11 mars 2001 - 17 mars 2001**

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[21] **2,282,558**  
[13] A1  
[51] **Int.Cl. 6A61G 3/06 6B60P 1/43 6B60P 1/44**  
[25] EN  
[54] **WHEELCHAIR TRANSPORTATION AND LOADING DEVICE**  
[54] **DISPOSITIF DE TRANSPORT ET DE CHARGEMENT D'UN FAUTEUIL ROULANT**  
[72] ESSIG, ROGER H., CA  
[71] ESSIG, ROGER H., CA  
[22] 1999-09-17  
[43] 2001-03-17

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[21] **2,282,627**  
[13] A1  
[51] **Int.Cl. 6H01B 7/34 6H01B 13/22**  
[25] EN  
[54] **FIRE-RETARDANT FIBERGLASS WRAPPING TAPE**  
[54] **RUBAN DE FIBRE DE VERRE IGNIFUGE**  
[72] LANXON-WHITFORD, NICHOLAS, CA  
[72] THOMAS, KENNETH ALBERT, CA  
[71] KT INDUSTRIES LTD., CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,282,776**  
[13] A1  
[51] **Int.Cl. 6H03M 1/12 6H04N 3/36**  
[25] EN  
[54] **METHOD AND APPARATUS FOR HIGH SPEED ANALOG TO DIGITAL CONVERSION**  
[54] **METHODE ET APPAREIL DE CONVERSION ANALOGIQUE-NUMERIQUE ULTRA-RAPIDE**  
[72] CLARKSON, DAVID CHRISTOPHER, GB  
[72] WORDSWORTH, GARY BRYAN, GB  
[72] BORER, TIMOTHY JOHN, GB  
[71] INNOVISION LIMITED, GB  
[22] 1999-09-17  
[43] 2001-03-17

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[21] **2,282,569**  
[13] A1  
[51] **Int.Cl. 6B60P 1/42 6E01H 10/00 6B60P 1/04**  
[25] EN  
[54] **COMBINED DUMP TRUCK AND SPREADER APPARATUS**  
[54] **CAMION-BENNE ET APPAREIL D'EPANDAGE**  
[72] FELLER, RICHARD L., US  
[71] FELLER, RICHARD L., US  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,282,636**  
[13] A1  
[51] **Int.Cl. 6H01F 27/24 6H01F 30/06**  
[25] EN  
[54] **POWER TRANSFORMERS AND POWER INDUCTORS FOR LOW FREQUENCY APPLICATIONS USING ISOTROPIC COMPOSITE MAGNETIC MATERIALS WITH HIGH POWER TO WEIGHT RATIO**  
[54] **TRANSFORMATEURS ET INDUCTEURS D'ALIMENTATION POUR APPLICATIONS A BASSES FREQUENCES UTILISANT DES MATERIAUX MAGNETIQUES COMPOSITES ISOTROPES A RAPPORT PUISSANCE-POIDS ELEVE**  
[72] VIAROUGE, PHILIPPE, CA  
[72] CROS, JÉROME, CA  
[71] VIAROUGE, PHILIPPE, CA  
[71] CROS, JÉROME, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,282,786**  
[13] A1  
[51] **Int.Cl. 7A23N 5/08**  
[25] EN  
[54] **COCONUT SCRAPER**  
[54] **GRATTOIR DE NOIX DE COCO**  
[72] JAMES, IVY, CA  
[71] JAMES, IVY, CA  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,282,574**  
[13] A1  
[51] **Int.Cl. 7A23N 7/08**  
[25] EN  
[54] **ELECTRIC CITRUS FRUIT CUTTING DEVICE**  
[54] **DISPOSITIF ELECTRIQUE POUR LA PREPARATION D'AGRUMES**  
[72] DAOUST, GILBERT, CA  
[72] GINGRAS, MICHEL, CA  
[71] DAOUST, GILBERT, CA  
[71] GINGRAS, MICHEL, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,282,771**  
[13] A1  
[51] **Int.Cl. 6C23C 8/68**  
[25] EN  
[54] **METHOD AND APPARATUS FOR BORONIZING A METAL WORKPIECE**  
[54] **METHODE ET APPAREIL DE RENFORCEMENT D'UNE PIECE METALLIQUE AU MOYEN DE FIBRES DE BORE**  
[72] FOSTER, GERALD ALLEN, CA  
[72] MacKENZIE, DALE WILLIAM, CA  
[71] FOSTER, GERALD ALLEN, CA  
[71] MacKENZIE, DALE WILLIAM, CA  
[22] 1999-09-17  
[43] 2001-03-17

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[21] **2,282,821**  
[13] A1  
[51] **Int.Cl. 6E02F 9/02 6B60K 23/08 6B60K 17/356**  
[25] EN  
[54] **ALL WHEEL DRIVE FOR MOTOR GRADER**  
[54] **TRACTION INTEGRALE POUR NIVELEUSE MECANIQUE**  
[72] GLASSFORD, MARK WAYNE, CA  
[72] KENYON, DAVID JOHN, CA  
[71] CHAMPION ROAD MACHINERY LIMITED, CA  
[22] 1999-09-17  
[43] 2001-03-17

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[21] **2,282,857**  
[13] A1  
[51] **Int.Cl. 6F04F 10/00 6A47J 43/28**  
[25] EN  
[54] **SIPHONING DEVICE FOR USE IN LIQUID BASTING AND SEPARATION**  
[54] **DISPOSITIF DE SIPHON POUR UTILISATION DANS LA SEPARATION ET L'ARROSAGE DE LIQUIDE**  
[72] PORTER, JERRY, US  
[71] PORTER, JERRY, US  
[22] 1999-09-17  
[43] 2001-03-17

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[21] **2,282,862**  
[13] A1

[51] **Int.Cl. 6H04B 7/00**  
[25] EN  
[54] **SIGNAL-LEVEL COMPENSATION FOR COMMUNICATIONS CIRCUITS**  
[54] **COMPENSATION DE L'INTENSITE DU SIGNAL DE CIRCUITS DE COMMUNICATION**  
[72] ILIASEVITCH, STEPAN, CA  
[72] BESSON, MARINETTE ANNIE, CA  
[72] PERA, FLORIN, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-09-17  
[43] 2001-03-17

[21] **2,282,899**  
[13] A1

[51] **Int.Cl. 6E21B 34/06 6F16K 1/00 6F16K 51/00**  
[25] EN  
[54] **ADJUSTABLE ORIFICE VALVE**  
[54] **SOUPAPE DE FOND REGLABLE**  
[72] HICKEY, KURT A., US  
[72] LEMBCKE, JEFFREY J., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 1999-09-17  
[43] 2001-03-17

[21] **2,282,945**  
[13] A1

[51] **Int.Cl. 6E21B 7/18**  
[25] EN  
[54] **APPARATUS FOR REDUCING A LINEAR VELOCITY OF ENTRAINED PARTICLES IN AN AIR DRILLING RETURN AIR STREAM**  
[54] **APPAREIL DE REDUCTION DE LA VITESSE LINEAIRE DE PARTICULES ENTRAINEES DANS UN COURANT D'AIR DE REPRISE DE FORAGE A L'AIR**  
[72] SMITH, DAVID GEORGE, CA  
[71] SMITH, DAVID GEORGE, CA  
[22] 1999-09-15  
[43] 2001-03-15

[21] **2,282,950**  
[13] A1

[51] **Int.Cl. 6E02F 9/00**  
[25] EN  
[54] **INDIRECT SUSPENDED LOAD WEIGHING APPARATUS**  
[54] **APPAREIL DE PESAGE INDIRECT D'UNE CHARGE SUSPENDUE**  
[72] OSLAKOVIC, FRANK EDWARD, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 1999-09-15  
[43] 2001-03-15

[21] **2,282,951**  
[13] A1

[51] **Int.Cl. 6B41M 5/20 6B41J 2/525**  
[25] EN  
[54] **ELECTROCOAGULATION PRINTING METHOD AND APPARATUS PROVIDING ENHANCED IMAGE RESOLUTION**  
[54] **METHODE ET APPAREIL D'IMPRESSION PAR ELECTROCOAGULATION AMELIORANT LA RESOLUTION DE L'IMAGE**  
[72] CASTEGNIER, ADRIEN, CA  
[71] ELCORSY TECHNOLOGY INC., CA  
[22] 1999-09-15  
[43] 2001-03-15

[21] **2,284,188**  
[13] A1

[51] **Int.Cl. 6H02N 1/00**  
[25] EN  
[54] **HIGH EFFICIENCY ALTERNATING AND DIRECT CURRENT ELECTROSTATIC MOTOR**  
[54] **MOTEUR ELECTROSTATIQUE HAUT RENDEMENT UTILISANT LE COURANT ALTERNATIF OU LE COURANT CONTINU**  
[72] GENDRON, DANIEL, CA  
[71] GENDRON, DANIEL, CA  
[22] 1999-09-15  
[43] 2001-03-15

[21] **2,284,189**  
[13] A1

[51] **Int.Cl. 6G08C 19/00 6H04L 12/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CONTROLLING AND MANIPULATING AN ELECTRONIC AND/OR MECHANICAL SEXUAL APPARATUS FROM A REMOTE LOCATION VIA A WIDE AREA NETWORK ARRANGEMENT**  
[54] **METHODE ET SYSTEME DE CONTROLE ET DE MANIPULATION D'UN APPAREIL SEXUEL ELECTRONIQUE ET/OU MECANIQUE A DISTANCE AU MOYEN D'UN RESEAU ETENDU**  
[72] BARRETT, BRAD C., CA  
[71] BARRETT, BRAD C., CA  
[22] 1999-09-16  
[43] 2001-03-16

[21] **2,284,194**  
[13] A1

[51] **Int.Cl. 6E04C 1/00**  
[25] EN  
[54] **MORTARLESS BOLT-DOWN BUILDING BLOCKS**  
[54] **BLOCS DE MACONNERIE SANS MORTIER A BOULONNER**  
[72] JOHNSON, BUD T.J., CA  
[71] JOHNSON, BUD T.J., CA  
[22] 1999-09-14  
[43] 2001-03-14

[21] **2,284,222**  
[13] A1

[51] **Int.Cl. 6B65G 1/14 6B65G 57/00**  
[25] EN  
[54] **FRICTION CREATING DEVICE FOR RETRAINING CARGO MOVEMENT**  
[54] **DISPOSITIF DE CREATION DE FRICTION EN VUE DE DIMINUER LE DEPLACEMENT DES MARCHANDISES**  
[72] SAVARD, MICHEL, CA  
[71] SAVARD, MICHEL, CA  
[22] 1999-09-17  
[43] 2001-03-17

**Demandes canadiennes mises à la disponibilité du public**  
**11 mars 2001 - 17 mars 2001**

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[21] **2,284,236**  
[13] A1

[51] **Int.Cl. 6B60N 3/02 6B60R 27/00**  
[25] EN  
[54] **THE CARE BAR**  
[54] **POIGNEE D'AIDE**  
[72] STEWART, IAN ANGUS, CA  
[71] STEWART, IAN ANGUS, CA  
[22] 1999-09-13  
[43] 2001-03-13

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[21] **2,284,318**  
[13] A1

[51] **Int.Cl. 6B23D 57/00 6B27B 13/00**  
[25] EN  
[54] **CONVERTABLE TABLE SAW**  
[54] **SCIE CIRCULAIRE A TABLE**  
**CONVERTIBLE**  
[72] LUTZ, ERNIE, CA  
[71] LUTZ, ERNIE, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,284,439**  
[13] A1

[51] **Int.Cl. 6A61F 5/41 6A61F 5/00**  
[25] EN  
[54] **PENIS EXTENDER**  
[54] **ELARGISSEUR DE PENIS**  
[72] DI CINTIO, GUISEPPE, CA  
[71] DI CINTIO, GUISEPPE, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,284,240**  
[13] A1

[51] **Int.Cl. 6F01M 5/00 6F01M 5/02**  
[25] EN  
[54] **PNEUMATIC SYSTEM FOR**  
**STORING ENGINE HOT OIL FOR**  
**COLD START**  
[54] **SYSTEME PNEUMATIQUE POUR**  
**LE STOCKAGE D'HUILE MOTEUR**  
**CHAUDE EN VUE DE DEMARRAGES A**  
**FROID**  
[72] FERNANDES, LUIZ CLAUDIO  
VIEIRA, CA  
[71] FERNANDES, LUIZ CLAUDIO  
VIEIRA, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,284,323**  
[13] A1

[51] **Int.Cl. 6B66F 7/00 6A47B 9/00 6B65G**  
**7/00 6B66F 7/02 6B66F 11/04**  
[25] EN  
[54] **MULTIVATOR**  
[54] **TABLE ELEVATRICE**  
[72] TANCRED, JOHN, CA  
[71] TANCRED, JOHN, CA  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,285,121**  
[13] A1

[51] **Int.Cl. 6A63C 1/32**  
[25] EN  
[54] **ICE SKATE BLADE**  
**TECHNOLOGY**  
[54] **LAME DE PATINS A GLACE**  
[72] KEHOE, STEVEN CHARLES, CA  
[71] KEHOE, STEVEN CHARLES, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,284,294**  
[13] A1

[51] **Int.Cl. 6C08L 23/06**  
[25] EN  
[54] **POLYETHYLENE/**  
**POLYETHYLENE TEREPHTHALATE**  
**RESIN BLEND**  
[54] **MELANGE DE RESINES DE**  
**POLYETHYLENE ET DE**  
**POLYETHYLENE-TEREPHTHALATE**  
[72] FROHLICH, MARK, CA  
[72] LEFEBVRE, JULIEN, CA  
[71] MARKO I.R.D.C. INC., CA  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,284,371**  
[13] A1

[51] **Int.Cl. 6G06F 3/033 6G06K 11/06**  
[25] EN  
[54] **INTEGRATED LAPTOP MOUSE**  
[54] **SOURIS INTEGREE A UN**  
**ORDINATEUR PORTATIF**  
[72] BARDHAN, BIBHUTI BHUSAN, CA  
[71] BARDHAN, BIBHUTI BHUSAN, CA  
[22] 1999-09-14  
[43] 2001-03-14

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[21] **2,286,408**  
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 7/00**  
**6A61K 7/04 6A61K 7/06 6A61K 31/10**  
**6A61K 47/20 6A61K 7/40**  
[25] EN  
[54] **THE USE OF MSM**  
[54] **UTILISATION DE MSM**  
[72] RUSSELL, COLIN, CA  
[71] RUSSELL, COLIN, CA  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,284,316**  
[13] A1

[51] **Int.Cl. 6C02F 3/28**  
[25] FR  
[54] **BIO-METHANISATION**  
[54] **BIO-METHANISATION**  
[72] DESPONTS, MARCO, CA  
[71] DESPONTS, MARCO, CA  
[22] 1999-09-16  
[43] 2001-03-16

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[21] **2,284,400**  
[13] A1

[51] **Int.Cl. 6G07F 19/00 6G06F 17/60**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**MULTI-CURRENCY FUNDS**  
**SETTLEMENT**  
[54] **METHODE ET APPAREIL**  
**SERVANT AUX REGLEMENTS DE**  
**FONDS MULTIDEVISES**  
[72] VAN ROON, MARK, CA  
[72] BOOTH, JOHN, CA  
[71] VAN ROON, MARK, CA  
[71] LANGLEY, PETER, CA  
[71] BOOTH, JOHN, CA  
[22] 1999-09-13  
[43] 2001-03-13

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

[51] **Int.Cl. 7B42F 13/22**  
[25] EN  
[54] **MOLDED PLASTIC BINDER**  
[54] **RELIEU EN PLASTIQUE MOULE**  
[72] KIRLEY, PAUL, US  
[72] KARTEN, STUART, US  
[72] SCHROEDER, DENNIS, US  
[71] AVERY DENNISON CORPORATION,  
US  
[22] 1999-11-10  
[43] 2001-03-13  
[30] US (09/394,725) 1999-09-13



Canadian Laid-Open Applications  
March 11, 2001 - March 17, 2001

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[21] **2,289,417**  
[13] A1  
[51] **Int.Cl. 7B41M 5/00**  
[25] EN  
[54] **RECORDING MATERIAL**  
[54] **MATERIAU D'ENREGISTREMENT**  
[72] MORIYA, KAZUYOSHI, JP  
[71] TEIKOKU PRINTING INKS MFG.  
CO., LTD., JP  
[22] 1999-11-12  
[43] 2001-03-17  
[30] JP (11-263396) 1999-09-17  
[30] JP (11-302416) 1999-10-25

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[21] **2,291,605**  
[13] A1  
[51] **Int.Cl. 7A63G 9/00 7A63G 9/08**  
[25] EN  
[54] **A REVOLVING SWING AROUND**  
**AN HORIZONTAL AXLE**  
[54] **BALANCOIRE TOURNANT**  
**AUTOUR D'UN AXE HORIZONTAL**  
[72] STAVROPOULOS, JOHN, CA  
[71] STAVROPOULOS, JOHN, CA  
[22] 1999-12-06  
[43] 2001-03-15  
[30] GR (990100306) 1999-09-15

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[21] **2,294,437**  
[13] A1  
[51] **Int.Cl. 7B62D 25/16 7B62D 63/08**  
[25] EN  
[54] **FENDER HAVING ELEMENT**  
**CONFORMING TO MOUNTING**  
**BRACKET**  
[54] **AILE MUNI D'UN ELEMENT**  
**ADAPTE AU SUPPORT DE MONTAGE**  
[72] LAMBERTUS, JAMES, US  
[71] U-HAUL INTERNATIONAL, INC., US  
[22] 2000-01-05  
[43] 2001-03-11  
[30] US (09/437,894) 1999-09-11

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[21] **2,291,429**  
[13] A1  
[51] **Int.Cl. 7C25B 9/00 7H01M 4/02**  
**7C25B 9/06 7H01M 4/86**  
[25] EN  
[54] **OXIDIZING AND DEOXIDIZING**  
**ENERGY DEVICES WHICH**  
**SIGNIFICANTLY IMPROVE THE**  
**EFFICIENCY OF ENERGY DEVICES**  
**AND REDUCES ADVERSE**  
**ENVIRONMENTAL IMPACTS**  
**ASSOCIATED WITH THEIR USE**  
[54] **DISPOSITIFS ENERGETIQUES**  
**OXYDANTS ET DESOXYDANTS QUI**  
**AMELIORENT NETTEMENT**  
**L'EFFICACITE DE DISPOSITIFS**  
**ENERGETIQUES ET REDUISENT**  
**LEURS EFFETS NOCIFS SUR**  
**L'ENVIRONNEMENT LORS DE LEUR**  
**UTILISATION**  
[72] MYERS, WILLIAM P., CA  
[72] ROTHMAN, RUSSELL D., CA  
[71] MYERS, WILLIAM P., CA  
[71] ROTHMAN, RUSSELL D., CA  
[22] 1999-09-15  
[43] 2001-03-15

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[21] **2,292,098**  
[13] A1  
[51] **Int.Cl. 7B02C 18/08**  
[25] EN  
[54] **PALLET SHREDDING MACHINE**  
[54] **DECHIQUETEUR DE PALETTES**  
[72] PREMO, KENNETH, US  
[71] ADVANCE LIFTS, INC., US  
[22] 1999-12-13  
[43] 2001-03-14  
[30] US (09/395,119) 1999-09-14

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[21] **2,295,366**  
[13] A1  
[51] **Int.Cl. 7F24C 3/08 7F24C 3/10 7F24C**  
**3/14**  
[25] EN  
[54] **PORTABLE GAS COOKING**  
**STOVE**  
[54] **RECHAUD A GAZ**  
[72] YOKOYAMA, HIROAKI, JP  
[71] SNOW PEAK, INC., JP  
[22] 2000-01-13  
[43] 2001-03-17  
[30] JP (11-263121) 1999-09-17

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[21] **2,292,225**  
[13] A1  
[51] **Int.Cl. 7A45D 33/18**  
[25] EN  
[54] **PACKAGED COSMETIC**  
**PRODUCT**  
[54] **COSMETIQUE EMBALLE**  
[72] NAHUM-ALBRIGHT, MICHELLE  
VICTORIA, US  
[71] UNILEVER PLC, GB  
[22] 1999-12-14  
[43] 2001-03-14  
[30] US (09/395951) 1999-09-14

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[21] **2,297,220**  
[13] A1  
[51] **Int.Cl. 7E05F 11/04 7E05F 15/16**  
**7E06B 9/74**  
[25] EN  
[54] **AUXILIARY OPERATING**  
**DEVICE FOR NORMALLY MOTOR-**  
**DRIVEN CLOSURE**  
[54] **DISPOSITIF DE COMMANDE**  
**AUXILIAIRE DE FERMETURE A**  
**MOTEUR**  
[72] DESROCHERS, EDDY, CA  
[72] DESMEULES, JEAN-FRANÇOIS, CA  
[72] LELIEVRE, DANIEL, CA  
[71] MANARAS DOOR & GATE  
OPERATOR COMPANY, CA  
[22] 2000-01-26  
[43] 2001-03-15

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[21] **2,291,537**  
[13] A1  
[51] **Int.Cl. 7H01L 31/01**  
[25] EN  
[54] **NOISE REDUCED PHOTON**  
**DETECTOR**  
[54] **DETECTEUR DE PHOTONS**  
**PRODUISANT MOINS DE BRUIT**  
[72] GORDON, NEIL THOMSON, GB  
[72] WHITE, ANTHONY MICHAEL, GB  
[72] ELLIOTT, CHARLES THOMAS, GB  
[71] THE SECRETARY OF STATE FOR  
DEFENCE, GB  
[22] 1999-12-03  
[43] 2001-03-17  
[30] GB (9921888.5) 1999-09-17

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[21] **2,292,977**  
[13] A1  
[51] **Int.Cl. 7F16H 7/10**  
[25] EN  
[54] **LENGTH ADJUSTABLE BELT**  
**TENSIONING ARM**  
[54] **BRAS TENDEUR DE COURROIE A**  
**LONGUEUR REGLABLE**  
[72] TUFFLY, FRED, US  
[72] HANKINS, LYNN, US  
[71] U-HAUL INTERNATIONAL, INC., US  
[22] 1999-12-22  
[43] 2001-03-11  
[30] US (09/436,846) 1999-09-11

**Demandes canadiennes mises à la disponibilité du public**  
**11 mars 2001 - 17 mars 2001**

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[21] **2,297,530**  
[13] A1

[51] **Int.Cl. 7F21V 29/00**  
[25] EN  
[54] **LAMP ASSEMBLY WITH HEAT TRANSFER SYSTEM**  
[54] **ENSEMBLE DE LAMPE AVEC SYSTEME DE TRANSFERT DE CHALEUR**  
[72] KOEHLER, JOHN D., US  
[72] STRAUSS, BENJAMIN R., US  
[71] NORTH AMERICAN LIGHTING, INC., US  
[22] 2000-01-20  
[43] 2001-03-15  
[30] US (09/396,587) 1999-09-15

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[21] **2,298,294**  
[13] A1

[51] **Int.Cl. 7G09F 7/18 7G09F 13/04**  
[25] EN  
[54] **BACK LIT FASCIA WITH SPRING LOADED FASCIA TENSIONER**  
[54] **PANNEAU RETROECLAIRE AVEC TENDEUR A RESSORT DE PANNEAU**  
[72] MAKSTALLER, RONALD W., US  
[72] BOYER, JOHN, US  
[72] WEDDING, WILLIAM R., US  
[72] GESSNER, S. FRANK, US  
[72] GRIMES, RICHARD SCOTT, US  
[71] LSI INDUSTRIES INC., US  
[22] 2000-02-09  
[43] 2001-03-16  
[30] US (09/397,534) 1999-09-16

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[21] **2,299,486**  
[13] A1

[51] **Int.Cl. 7F04B 47/12 7E21B 43/16**  
[25] EN  
[54] **1 1/2 PISTON FORCE PUMP**  
[54] **POMPE A PISTON D'UNE FORCE ET DEMIE**  
[72] SWEENEY, GERALD T., US  
[71] SWEENEY, GERALD T., US  
[22] 2000-02-24  
[43] 2001-03-13  
[30] US (09/394,985) 1999-09-13

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[21] **2,299,848**  
[13] A1

[51] **Int.Cl. 7B65D 83/76 7A47K 5/12**  
[25] EN  
[54] **COMPACT FLUID PUMP**  
[54] **POMPE COMPACTE**  
[72] MADDOX, JEFFREY T., US  
[72] YEAGER, ROBERT H., US  
[72] MAST, REXFORD R., US  
[71] KANFER, JOSEPH S., US  
[22] 2000-03-02  
[43] 2001-03-16  
[30] US (09/397,314) 1999-09-16

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[21] **2,299,967**  
[13] A1

[51] **Int.Cl. 7C07D 305/14 7C07D 405/12 7C07D 407/12 7C07D 409/12**  
[25] EN  
[54] **TAXOID COMPOUND AND METHOD FOR PRODUCING THE SAME**  
[54] **COMPOSE TAXOIDE ET METHODE DE PRODUCTION DUDIT COMPOSE**  
[72] MANDAI, TADAKATSU, JP  
[72] HARA, KOJI, JP  
[72] MIKUNI, KATSUHIKO, JP  
[72] HARA, KOZO, JP  
[72] NAKANISHI, KATSUYOSHI, JP  
[72] OKUMOTO, HIROSHI, JP  
[71] MANDAI, TADAKATSU, JP  
[71] ENSUIKO SUGAR REFINING CO., LTD., JP  
[71] BIO RESEARCH CORPORATION OF YOKOHAMA, JP  
[22] 2000-02-29  
[43] 2001-03-17  
[30] JP (263974/1999) 1999-09-17

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[21] **2,300,326**  
[13] A1

[51] **Int.Cl. 7H04N 5/92 7G09G 5/395**  
[25] EN  
[54] **DEVICE FOR COMPRESSING IMAGE DATA BY QUANTIZING PIXEL VALUES IN PRESCRIBED REGION, DEVICE FOR DECOMPRESSING COMPRESSED IMAGE DATA, AND IMAGE DISPLAY DEVICE USING SAID DEVICES**  
[54] **DISPOSITIF DE COMPRESSION DE DONNEES D'IMAGES PAR LA QUANTIFICATION DES VALEURS DES PIXELS DANS UN ENDROIT DETERMINE, DISPOSITIF DE DECOMPRESSION DE DONNEES D'IMAGES ET VISUALISATEUR D'IMAGES PAR L'INTERMEDIAIRE DESDITS DISPOSITIFS**  
[72] MORIWAKI, SHOHEI, JP  
[72] CHIBA, OSAMU, JP  
[72] SHIMAKAWA, KAZUHIRO, JP  
[72] AZEKAWA, YOSHIFUMI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[71] MITSUBISHI ELECTRIC SYSTEM LSI DESIGN CORPORATION, JP  
[22] 2000-03-09  
[43] 2001-03-17  
[30] JP (11-263627) 1999-09-17

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[21] **2,300,328**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7C12P 19/34 7C12Q 1/68**  
[25] EN  
[54] **MODULATING TRANSCRIPTION OF GENES IN VASCULAR CELLS**  
[54] **MODULATION DE LA TRANSCRIPTION DES GENES DANS DES CELLULES VASCULAIRES**  
[72] HECKER, MARKUS, DE  
[72] LAUTH, MANFRED, DE  
[72] WAGNER, ANDREAS H., DE  
[71] CARDIOGENE GENTHERAP. SYSTEME AG, DE  
[22] 2000-03-13  
[43] 2001-03-14  
[30] DE (299 16 160.9) 1999-09-14  
[30] JP (261035/99) 1999-09-14

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Canadian Laid-Open Applications  
March 11, 2001 - March 17, 2001

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[21] **2,302,793**  
[13] A1  
[51] **Int.Cl. 7H01F 27/06**  
[25] EN  
[54] **CORE CARRIER**  
[54] **PORTE-ENROULEMENT**  
[72] SHUMIN, WILLIAM, US  
[72] DAVIS, JOHN G., US  
[71] CELESTICA INTERNATIONAL INC., CA  
[22] 2000-03-28  
[43] 2001-03-16  
[30] US (09/397,103) 1999-09-16

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[21] **2,302,921**  
[13] A1  
[51] **Int.Cl. 7H04L 12/24 7H04B 1/00 7H04B 17/00 7H04L 29/02**  
[25] EN  
[54] **IMPROVING RELIABILITY OF ELECTRICAL DISTRIBUTION NETWORKS**  
[54] **AMELIORATION DE LA FIABILITE DES RESEAUX DE DISTRIBUTION ELECTRIQUE**  
[72] FOSTER, JAMES D., US  
[72] WILLOUGHBY, RONALD D., US  
[71] MCGRAW EDISON COMPANY, US  
[22] 2000-03-29  
[43] 2001-03-15  
[30] US (09/396,473) 1999-09-15

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[21] **2,302,961**  
[13] A1  
[51] **Int.Cl. 7A47F 5/08 7A47F 5/10**  
[25] EN  
[54] **ADJUSTABLE MERCHANDISE DISPLAY STRUCTURE**  
[54] **PRESENTOIR DE MARCHANDISE POLYVALENT**  
[72] WALRATH, JOHN, US  
[72] MARTIN, ANDRE, CA  
[71] IMPERIAL TOBACCO LIMITED, CA  
[22] 2000-03-23  
[43] 2001-03-16  
[30] US (09/398,160) 1999-09-16

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[21] **2,306,307**  
[13] A1  
[51] **Int.Cl. 7E04D 5/14**  
[25] EN  
[54] **SHEET FIXING DEVICE**  
[54] **DISPOSITIF DE REPARATION DE FEUILLES**  
[72] HIROTA, YOSHINARI, JP  
[71] TOTO KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-04-20  
[43] 2001-03-16  
[30] JP (7086/1999) 1999-09-16  
[30] JP (49846/2000) 2000-02-25

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[21] **2,306,611**  
[13] A1  
[51] **Int.Cl. 7E05F 15/10**  
[25] EN  
[54] **CASING FOR CLOSURE OPERATING DEVICE**  
[54] **BOITE POUR DISPOSITIF DE COMMANDE DE FERMETURE**  
[72] LELIEVRE, DANIEL, CA  
[72] DESROCHERS, EDDY, CA  
[71] MANARAS DOOR & GATE OPERATOR COMPANY, CA  
[22] 2000-04-26  
[43] 2001-03-16

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[21] **2,307,423**  
[13] A1  
[51] **Int.Cl. 7B31B 5/60**  
[25] EN  
[54] **CARDBOARD BROADSHEET FOR CONSTRUCTING A STACKABLE BOX AND THE BOX RESULTING THEREFROM**  
[54] **CARTON MINCE A PLAT POUR CONSTRUIRE UNE BOITE EMPILABLE, ET BOITE QUI EN RESULTE**  
[72] HEEREN, MARINUS CORNELIS MARIA, BE  
[71] R & F FOLDING BOXES, BE  
[22] 2000-05-02  
[43] 2001-03-16  
[30] EP (99870188.2) 1999-09-16

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[21] **2,308,343**  
[13] A1  
[51] **Int.Cl. 7G07F 5/00**  
[25] EN  
[54] **COIN STORAGE AND CHANGING MECHANISM**  
[54] **PLATEAU DE STOCKAGE DE PIECES DE MONNAIE ET MECANISME DE DISTRIBUTION**  
[72] ABT, ROBERT A., US  
[72] STETTES, GREGORY G., US  
[72] HOWARD, CHRISTINE R., US  
[71] CRANE COMPANY, US  
[22] 2000-05-11  
[43] 2001-03-14  
[30] US (09/396,118) 1999-09-14

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[21] **2,308,344**  
[13] A1  
[51] **Int.Cl. 7G07F 13/00 7A47J 31/06**  
[25] EN  
[54] **TABLE-TOP COFFEE VENDING MACHINE AND METHOD**  
[54] **DISTRIBUTRICE DE CAFE DE TABLE ET METHODE DE FONCTIONNEMENT**  
[72] STETTES, GREGORY G., US  
[72] NEWKIRK, FRANKLIN D., US  
[72] BOUWKAMP, PIETER W.W., US  
[72] KROCKENBERGER, FRANK W., US  
[71] CRANE COMPANY, US  
[22] 2000-05-11  
[43] 2001-03-14  
[30] US (09/396,815) 1999-09-14

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[21] **2,309,248**  
[13] A1  
[51] **Int.Cl. 7B60K 17/10 7E01H 5/06 7B60K 23/08 7B60K 17/356 7E02F 3/76**  
[25] EN  
[54] **ALL WHEEL DRIVE FOR MOTOR GRADER**  
[54] **TRACTION INTEGRALE POUR NIVELEUSE MECANIQUE**  
[72] GLASSFORD, MARK WAYNE, CA  
[72] KENYON, DAVID JOHN, CA  
[71] CHAMPION ROAD MACHINERY LIMITED, CA  
[22] 2000-05-23  
[43] 2001-03-17  
[30] CA (2,282,821) 1999-09-17

**Demandes canadiennes mises à la disponibilité du public**  
**11 mars 2001 - 17 mars 2001**

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[21] **2,309,464**  
[13] A1

[51] **Int.Cl. 7G09F 7/18**  
[25] EN  
[54] **ASSEMBLY FOR APPLYING SIGNAGE AND METHOD FOR APPLYING SIGNAGE**  
[54] **ENSEMBLE D'APPLICATION DE LA SIGNALISATION ET METHODE CONNEXE**  
[72] SCARFIA, MICHAEL L., US  
[71] SCARFIA, MICHAEL L., US  
[22] 2000-05-25  
[43] 2001-03-17  
[30] US (09/398,505) 1999-09-17

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[21] **2,310,790**  
[13] A1

[51] **Int.Cl. 7C08B 37/16 7A23L 1/226 7A61K 47/40 7A61K 7/46 7A61K 47/48**  
[25] EN  
[54] **CYCLODEXTRIN FLAVOR DELIVERY SYSTEMS**  
[54] **SYSTEME DE PREPARATION DE CYCLODEXTRINE**  
[72] STRAUS, DAVID, US  
[72] REICHART, GLENN, US  
[72] PRASAD, NIKHIL, US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 2000-06-06  
[43] 2001-03-16  
[30] US (09/397289) 1999-09-16

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[21] **2,312,452**  
[13] A1

[51] **Int.Cl. 7C08L 21/00 7C08L 7/00 7C08L 9/06 7C08L 25/10**  
[25] EN  
[54] **TIRE WITH TREAD OF NOVEL POLYMER BLEND INCLUDING STYRENE-RICH STYRENE/ISOPRENE/BUTADIENE SEGMENTED TERPOLYMER**  
[54] **PNEU AVEC SEMELLE EN UN NOUVEAU MELANGE DE POLYMERES COMPRENANT UN TERPOLYMERE SEGMENTE STYRENE/ISOPRENE/BUTADIENE RICHE EN STYRENE**  
[72] MALY, NEIL ARTHUR, US  
[72] HSU, WEN-LIANG, US  
[72] SANDSTROM, PAUL HARRY, US  
[72] HALASA, ADEL FARHAN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-06-27  
[43] 2001-03-14  
[30] US (09/395,446) 1999-09-14

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[21] **2,313,366**  
[13] A1

[51] **Int.Cl. 7H05B 37/02**  
[25] EN  
[54] **SELECTABLE LENS ARRAY**  
[54] **RESEAU DE LENTILLES SELECTIONNABLES**  
[72] KO, WAI-SHING, US  
[71] REGENT LIGHTING CORPORATION, US  
[22] 2000-07-04  
[43] 2001-03-14  
[30] US (09/395,451) 1999-09-14

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[21] **2,313,880**  
[13] A1

[51] **Int.Cl. 7C10G 9/16**  
[25] EN  
[54] **PHOSPHORUS-SULFUR BASED ANTIFOULANTS**  
[54] **ANTICALAMINANTS A BASE DE COMPOSES DE PHOSPHORE ET DE SOUFRE**  
[72] TONG, YOUNG, US  
[71] NALCO/EXXON ENERGY CHEMICALS, L.P., US  
[22] 2000-07-14  
[43] 2001-03-15  
[30] US (09/396,715) 1999-09-15

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[21] **2,313,910**  
[13] A1

[51] **Int.Cl. 7G01R 31/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTING LEAKAGE CURRENT ON A TWO WIRE DC OR AC POWER LINE**  
[54] **METHODE ET APPAREIL DE DETECTION DE COURANT DE FUITE SUR UNE LIGNE D'ENERGIE CC OU CA A DEUX FILS**  
[72] HALVORSON, DAVID H., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-07-14  
[43] 2001-03-16  
[30] US (397,112) 1999-09-16

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[21] **2,314,015**  
[13] A1

[51] **Int.Cl. 7C08J 3/24 7C08L 7/00 7C08L 9/00**  
[25] EN  
[54] **RUBBER CONTAINING SHORT FIBER REINFORCEMENT WITH ANCHORING AGENT AND ARTICLES, INCLUDING TIRES, HAVING A COMPONENT THEREOF**  
[54] **CAOUTCHOUC RENFORCE DE FIBRES COURTES AVEC ANCRE DE FIXATION, ET ARTICLES, Y COMPRIS DES PNEUS, DOTE D'UN TEL COMPOSANT**  
[72] HAHN, BRUCE RAYMOND, US  
[72] MATERNE, THIERRY FLORENT EDME, BE  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-07-18  
[43] 2001-03-16  
[30] US (09/397,751) 1999-09-16

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[21] **2,314,282**  
[13] A1

[51] **Int.Cl. 7B61H 13/38**  
[25] EN  
[54] **SUSPENSION SYSTEM FOR A CAR MOUNTED BRAKE ASSEMBLY**  
[54] **SYSTEME DE SUSPENSION POUR ENSEMBLE DE FREINAGE D'UNE AUTOMOBILE**  
[72] RING, MICHAEL E., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-07-19  
[43] 2001-03-17  
[30] US (397,827) 1999-09-17

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[21] **2,314,442**  
[13] A1

[51] **Int.Cl. 7B23K 26/42**  
[25] EN  
[54] **REAL TIME CONTROL OF LASER BEAM CHARACTERISTICS IN A LASER-EQUIPED MACHINE TOOL**  
[54] **COMMANDE EN TEMPS REEL DE CARACTERISTIQUES D'UN FAISCEAU LASER DANS UNE MACHINE-OUTIL EQUIPEE D'UN LASER**  
[72] COLE III, IRA E., US  
[72] SCOTT, WILLIAM B., US  
[71] W. A. WHITNEY CO., US  
[22] 2000-07-25  
[43] 2001-03-15  
[30] US (09/396,954) 1999-09-15

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March 11, 2001 - March 17, 2001

[21] **2,314,583**  
[13] A1

[51] **Int.Cl. 7H04B 1/18 7H04B 7/06**  
[25] EN  
[54] **A RECEIVER ARCHITECTURE EMPLOYING SPACE TIME SPREADING AND ORTHOGONAL TRANSMIT DIVERSITY TECHNIQUES**  
[54] **ARCHITECTURE DE RECEPTEUR FAISANT APPEL AUX TECHNIQUES D'EMISSION AVEC ETALEMENT TEMPOREL ET SPATIAL AINSI QU'A LA DIVERSITE PAR REPARTITION ORTHOGONALE**  
[72] BUEHRER, R. MICHAEL, US  
[72] SONI, ROBERT ATMARAM, US  
[72] ALLPRESS, STEPHEN ALAN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-07-20  
[43] 2001-03-13  
[30] US (09/395,325) 1999-09-13

[21] **2,314,604**  
[13] A1

[51] **Int.Cl. 7E04B 1/38**  
[25] EN  
[54] **HOLDOWNS**  
[54] **MECANISMES DE RETENUE**  
[72] SHAHNAZARIAN, GEORGE, CA  
[71] MGA CONSTRUCTION HARDWARE & STEEL FABRICATING LTD., CA  
[22] 2000-07-26  
[43] 2001-03-13  
[30] US (09/394,614) 1999-09-13

[21] **2,314,673**  
[13] A1

[51] **Int.Cl. 7A01K 87/00**  
[25] EN  
[54] **INTERCHANGEABLE SYSTEM FOR FISHING RODS**  
[54] **SYSTEME INTERCHANGEABLE POUR CANNES A PECHE**  
[72] SLEDGE, LEROY, US  
[71] SLEDGE, LEROY, US  
[22] 2000-07-28  
[43] 2001-03-16  
[30] US (09/397,769) 1999-09-16

[21] **2,314,724**  
[13] A1

[51] **Int.Cl. 7C08L 9/00 7G08C 23/00 7C08L 11/00 7C08L 15/02 7H01B 1/12**  
[25] EN  
[54] **ELECTRICALLY-CONDUCTIVE RUBBER COMPOSITION AND ARTICLE OF MANUFACTURE, INCLUDING TIRE, HAVING COMPONENT THEREOF**  
[54] **MELANGE DE CAOUTCHOUC CONDUCTEUR D'ELECTRICITE ET ARTICLE FABRIQUE, Y COMPRIS UN PNEU, DOTE D'UN TEL COMPOSANT**  
[72] GASNER, GLENN ERVIN, US  
[72] BEAUVAIS, MELISSA MARIE, US  
[72] LARSON, BRENT KEVIN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-07-31  
[43] 2001-03-16  
[30] US (09/397,973) 1999-09-16

[21] **2,315,574**  
[13] A1

[51] **Int.Cl. 7H02G 3/08 7H02G 3/22**  
[25] EN  
[54] **FLOOR BOX COVER ASSEMBLY**  
[54] **COUVERCLE DE BOITE DE PARQUET**  
[72] REVLOCK, DENNIS P., SR., US  
[72] HULL, ERIC G., US  
[72] RIEDY, CHARLES H., US  
[71] THE LAMSON & SESSIONS COMPANY, US  
[22] 2000-08-04  
[43] 2001-03-16  
[30] US (09/397,403) 1999-09-16

[21] **2,315,665**  
[13] A1

[51] **Int.Cl. 7B60P 3/10**  
[25] EN  
[54] **SELF-PROPELLED BOAT LAUNCH VEHICLE**  
[54] **VEHICULE DE LANCEMENT D'EMBARCATION AUTOPROPULSE**  
[72] BRAUN, CARL, CA  
[71] BRAUN, CARL, CA  
[22] 2000-08-14  
[43] 2001-03-15  
[30] US (09/395,977) 1999-09-15

[21] **2,316,037**  
[13] A1

[51] **Int.Cl. 7B61B 13/12 7B61B 12/02**  
[25] EN  
[54] **FRICTION DRIVE SYSTEM TROLLEY CONVEYOR**  
[54] **CONVOYEUR SIMPLE VOIE A BASE DE SYSTEME A FRICTION**  
[72] NAKAGAMI, ATSUSHI, JP  
[71] TSUBAKIMOTO CHAIN CO., JP  
[22] 2000-08-16  
[43] 2001-03-16  
[30] JP (262473/1999) 1999-09-16

[21] **2,316,044**  
[13] A1

[51] **Int.Cl. 7E21B 47/00**  
[25] EN  
[54] **RESERVOIR MONITORING THROUGH MODIFIED CASING JOINT**  
[54] **SURVEILLANCE DE RESERVOIR A TRAVERS UN RACCORD DE TUBAGE MODIFIE**  
[72] CHOUZENOUX, CHRISTIAN, FR  
[72] ECKERSLEY, CLIVE P., AE  
[72] TABANOU, JACQUES R., US  
[72] CIGLENEC, REINHART, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2000-08-16  
[43] 2001-03-13  
[30] US (09/394,831) 1999-09-13

[21] **2,316,459**  
[13] A1

[51] **Int.Cl. 7H01L 31/0264 7H01L 31/18**  
[25] EN  
[54] **CCD WAFERS WITH TITANIUM REFRACTORY METAL**  
[54] **PLAQUE CCD AVEC COMPOSES DE TITANE REFRACTAIRES**  
[72] TREMBLAY, YVES, CA  
[72] FROST, RAYMOND, CA  
[72] GROULX, ROBERT, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-08-18  
[43] 2001-03-11  
[30] GB (9921392.8) 1999-09-11  
[30] US (60/162,763) 1999-11-01

**Demandes canadiennes mises à la disponibilité du public**  
**11 mars 2001 - 17 mars 2001**

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[21] **2,316,506**  
[13] A1

[51] **Int.Cl. 7H05K 5/00 7H02G 9/10**  
[25] EN  
[54] **PEDESTAL CLOSURE ASSEMBLY WITH LOCKING MECHANISM**  
[54] **FERMETURE DE BOITIER A MECANISME DE VERROUILLAGE**  
[72] DOLAN, LAWRENCE SANTO, US  
[72] LESCHINGER, MATTHEW, US  
[72] POTOSNAK, THOMAS, US  
[71] MARCONI COMMUNICATIONS, INC., US  
[22] 2000-08-22  
[43] 2001-03-15  
[30] US (09/397,441) 1999-09-15

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[21] **2,316,516**  
[13] A1

[51] **Int.Cl. 7B05B 1/30 7B05B 7/02**  
[25] EN  
[54] **SPRAY NOZZLE FLUID REGULATOR AND RESTRICTOR COMBINATION**  
[54] **REGULATEUR DE PRESSION ET RESTRICTEUR DE DEBIT DE LIQUIDE ACHEMINE VERS UNE BUSE DE PULVERISATION**  
[72] VERHOVEN, JERRY, US  
[72] SHERMAN, RICHARD M., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-08-22  
[43] 2001-03-16  
[30] US (09/397,461) 1999-09-16

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[21] **2,316,572**  
[13] A1

[51] **Int.Cl. 7H05K 5/00 7H04Q 1/04 7E05C 19/08 7H02B 1/30**  
[25] EN  
[54] **LATCHING MECHANISM FOR MOUNTING PLATE OF PEDESTAL CLOSURE ASSEMBLY**  
[54] **MECANISME DE VERROUILLAGE DE PLAQUE DE MONTAGE DE BOITIER GENRE PYLONE**  
[72] DOLAN, LAWRENCE SANTO, US  
[72] POTOSNAK, THOMAS, US  
[72] LESCHINGER, MATTHEW, US  
[71] MARCONI COMMUNICATIONS, INC., US  
[22] 2000-08-22  
[43] 2001-03-13  
[30] US (09/394,148) 1999-09-13

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[21] **2,316,706**  
[13] A1

[51] **Int.Cl. 7A23G 1/00 7A23G 3/00 7A23L 1/234**  
[25] EN  
[54] **CHOCOLATES AND CHOCOLATE COMPOUND COATINGS HAVING IMPROVED CHOCOLATE CHARACTER**  
[54] **CHOCOLATS ET ENROBAGES DE COMPOSES DE CHOCOLAT DONT LES CARACTERISTIQUES SONT AMELIOREES**  
[72] WHALEY, MELISSA, US  
[72] BROWN, WALDA, US  
[72] DESTEPHEN, STEPHEN J., US  
[72] BUDWIG, CHRISTOPHER, US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 2000-08-24  
[43] 2001-03-14  
[30] US (60/154,011) 1999-09-14

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[21] **2,316,729**  
[13] A1

[51] **Int.Cl. 7A63B 71/12 7A41D 13/06 7A41D 13/08**  
[25] EN  
[54] **PROTECTIVE ATHLETIC PADS FOR JOINT SURFACES**  
[54] **DISPOSITIFS PROTECTEURS DE SPORT POUR ARTICULATIONS**  
[72] PRATT, MICHAEL K., US  
[71] SENECA SPORTS, INC., US  
[22] 2000-08-24  
[43] 2001-03-14  
[30] US (09/395,818) 1999-09-14

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[21] **2,316,737**  
[13] A1

[51] **Int.Cl. 7E21B 7/12**  
[25] EN  
[54] **METHOD AND SYSTEM FOR EXPLOITING NATURAL RESOURCES UNDER THE SEABED**  
[54] **METHODE ET SYSTEME D'EXPLOITATION DE RESSOURCES NATURELLES SOUS LE FOND MARIN**  
[72] BYE, MORTEN, NO  
[72] KARP, TERJE, NO  
[72] WANVIK, LEIV, NO  
[71] KVAERNER OIL & GAS A/S, NO  
[22] 2000-08-24  
[43] 2001-03-15  
[30] NO (19994464) 1999-09-15

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[21] **2,316,758**  
[13] A1

[51] **Int.Cl. 7F01L 3/10 7F01L 3/08**  
[25] EN  
[54] **HEAVY-DUTY VALVE STEM SEAL**  
[54] **JOINT DE QUEUE DE SOUPAPE ROBUSTE**  
[72] STAMBACK, MARK ALLEN, US  
[72] HEGEMIER, TIMOTHY ALAN, US  
[71] DANA CORPORATION, US  
[22] 2000-08-29  
[43] 2001-03-14  
[30] US (09/395,579) 1999-09-14

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[21] **2,316,760**  
[13] A1

[51] **Int.Cl. 7F01L 3/08**  
[25] EN  
[54] **COEXTRUDED VALVE STEM SEAL**  
[54] **JOINT DE QUEUE DE SOUPAPE COEXTRUDE**  
[72] HEGEMIER, TIMOTHY A., US  
[71] DANA CORPORATION, US  
[22] 2000-08-29  
[43] 2001-03-14  
[30] US (09/395,808) 1999-09-14

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[21] **2,316,761**  
[13] A1

[51] **Int.Cl. 7E05F 11/10 7B60J 5/02**  
[25] EN  
[54] **IMPROVED SCHOOL BUS DOOR OPERATOR**  
[54] **DISPOSITIF AMELIORE DE FERMETURE DE PORTE D'AUTOBUS SCOLAIRE**  
[72] BARKER, JACK G., US  
[72] GLANTON, DARRELL D., US  
[72] THOMAS, JAMES R., US  
[72] HUIE, JERRY W., US  
[72] FOWLER, DONNIE J., US  
[72] ANDERSON, MARK A., US  
[72] SEYMORE, MARK A., US  
[71] NAVISTAR INTERNATIONAL TRANSPORTATION CORP., US  
[22] 2000-08-29  
[43] 2001-03-16  
[30] US (09/397,171) 1999-09-16  
[30] US (09/562,896) 2000-05-01

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[21] **2,316,762**  
[13] A1

[51] **Int.Cl. 7H04L 9/32 7H04L 12/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
UNIQUELY IDENTIFYING A  
CUSTOMER PURCHASE IN AN  
ELECTRONIC DISTRIBUTION  
SYSTEM**  
[54] **METHODE ET APPAREIL  
PERMETTANT D'IDENTIFIER  
L'ACHAT D'UN CLIENT DANS UN  
SYSTEME DE DISTRIBUTION  
ELECTRONIQUE**  
[72] DORAK, JOHN J., JR., US  
[71] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 2000-08-17  
[43] 2001-03-17  
[30] US (09/3974190) 1999-09-17

[21] **2,317,058**  
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C12P 13/08  
7C12N 1/20 7C12N 15/52 7C12N 15/74**  
[25] EN  
[54] **NEW NUCLEOTIDE SEQUENCES  
WHICH CODE FOR THE DAPF GENE**  
[54] **NOUVELLES SEQUENCES  
NUCLEOTIDIQUES CODANT POUR LE  
GENE DAPF**  
[72] BATHE, BRIGITTE, DE  
[72] MOCKEL, BETTINA, DE  
[72] HARTMANN, MICHAEL, DE  
[72] KIRCHNER, OLIVER, DE  
[72] PUHLER, ALFRED, DE  
[72] PFEFFERLE, WALTER, DE  
[72] KALINOWSKI, JORN, DE  
[71] DEGUSSA-HULS  
AKTIENGESELLSCHAFT, DE  
[22] 2000-09-06  
[43] 2001-03-11  
[30] DE (199 43 587.1) 1999-09-11

[21] **2,317,102**  
[13] A1

[51] **Int.Cl. 7B41J 3/36**  
[25] EN  
[54] **PORTABLE PRINTER**  
[54] **IMPRIMANTE PORTATIVE**  
[72] HUGGINS, ORVILLE C., US  
[72] PROWS, DENNIS S., US  
[72] KELLER, THOMAS P., US  
[72] WISECUP, DAVID R., US  
[71] MONARCH MARKING SYSTEMS,  
INC., US  
[22] 2000-08-29  
[43] 2001-03-16  
[30] US (09/397,221) 1999-09-16

[21] **2,317,140**  
[13] A1

[51] **Int.Cl. 7H04B 7/005 7H04B 14/08  
7H04L 7/08 7H04L 27/32**  
[25] EN  
[54] **MULTICARRIER PERSONAL  
ACCESS COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION  
A ACCES PERSONNEL  
MULTIPORTEUSE**  
[72] BARTON, MELBOURNE, US  
[72] WONG, KUOK-SHOONG DANIEL,  
US  
[71] TELCORDIA TECHNOLOGIES, INC.,  
US  
[22] 2000-08-30  
[43] 2001-03-15  
[30] US (60/154,097) 1999-09-15  
[30] US (09/475,218) 1999-12-30

[21] **2,317,160**  
[13] A1

[51] **Int.Cl. 7A63F 1/00**  
[25] EN  
[54] **MULTIPLE PAY POKER GAME**  
[54] **JEU DE POKER A GAINS  
MULTIPLES**  
[72] YOSELOFF, MARK L., US  
[71] SHUFFLE MASTER, INC., US  
[22] 2000-08-29  
[43] 2001-03-13  
[30] US (09/394,818) 1999-09-13

[21] **2,317,162**  
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 13/00**  
[25] EN  
[54] **METHOD OF PLAYING A GAME,  
APPARATUS FOR PLAYING A GAME  
AND GAME WITH MULTIPLIER  
BONUS FEATURE**  
[54] **METHODE DE JEU, APPAREIL DE  
JEU ET JEU COMPRENANT UN  
ELEMENT MULTIPLICATEUR DE  
PRIME**  
[72] YOSELOFF, MARK L., US  
[72] DUNN, RUSSELL B., US  
[71] SHUFFLE MASTER, INC., US  
[22] 2000-08-29  
[43] 2001-03-13  
[30] US (09/394,748) 1999-09-13

[21] **2,317,202**  
[13] A1

[51] **Int.Cl. 7H03M 13/29 7H04L 1/22**  
[25] EN  
[54] **CHANNEL DECODER AND  
METHOD OF CHANNEL DECODING**  
[54] **DECODEUR DE VOIE ET  
METHODE DE DECODAGE DE VOIE**  
[72] TEN BRINK, STEPHAN, DE  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-31  
[43] 2001-03-14  
[30] EP (99307246.1) 1999-09-14

[21] **2,317,246**  
[13] A1

[51] **Int.Cl. 7B81B 3/00 7B81C 1/00**  
[25] EN  
[54] **IN-PLANE MEMS THERMAL  
ACTUATOR AND ASSOCIATED  
FABRICATION METHODS**  
[54] **ACTIONNEUR THERMIQUE DE  
SYSTEME MECANIQUE  
MICROELECTRIQUE DANS LE PLAN  
ET METHODES DE FABRICATION  
CONNEXES**  
[72] DHULER, VIJAYAKUMAR R., US  
[72] HILL, EDWARD, US  
[72] COWEN, ALLEN, US  
[71] JDS UNIPHASE INC., CA  
[22] 2000-09-01  
[43] 2001-03-13  
[30] US (09/395,068) 1999-09-13

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**11 mars 2001 - 17 mars 2001**

[21] **2,317,257**  
[13] A1

[51] **Int.Cl. 7C07D 207/38 7C07D 401/04 7C07D 403/04 7A61P 25/08 7A61K 31/402 7A61K 31/4025 7A61K 31/454 7A61K 31/496 7A61K 31/5377 7A61K 31/55**  
[25] EN  
[54] **4-AMINO-1-ARYL-1,5-DIHYDROPYRROL-2-ONES HAVING ANTICONVULSANT AND ANXIOLYTIC ACTIVITY AND PROCESSES FOR THEIR PREPARATION**  
[54] **4-AMINO-1-ARYLE-1,5-DIHYDROPYRROLE-2-ONES POSSEDANT DE L'ACTIVITE ANTI-CONVULSIVE ET ANXIOLYTIQUE, ET PROCEDES POUR LEUR PREPARATION**  
[72] LANKAU, HANS-JOACHIM, DE  
[72] RUNDFELDT, CHRIS, DE  
[72] TOBER, CHRISTINE, DE  
[72] ROSTOCK, ANGELIKA, DE  
[72] ARNOLD, THOMAS, DE  
[72] UNVERFERTH, KLAUS, DE  
[72] BARTSCH, REIN, DE  
[71] ARZNEIMITTELWERK DRESDEN GMBH, DE  
[22] 2000-08-30  
[43] 2001-03-16  
[30] DE (199 44 332.7) 1999-09-16

[21] **2,317,265**  
[13] A1

[51] **Int.Cl. 7H04J 4/00 7H04B 14/08 7H04B 7/204**  
[25] EN  
[54] **MULTICARRIER PERSONAL ACCESS COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION A ACCES PERSONNEL MULTIPORTEUSE**  
[72] BARTON, MELBOURNE, US  
[72] WONG, KUOK-SHOONG DANIEL, US  
[71] TELCORDIA TECHNOLOGIES, INC., US  
[22] 2000-08-30  
[43] 2001-03-15  
[30] US (60/154,097) 1999-09-15  
[30] US (09/476,466) 1999-12-30

[21] **2,317,267**  
[13] A1

[51] **Int.Cl. 7B65D 43/08**  
[25] EN  
[54] **CONTAINER WITH A NON-PLANAR SEAL BETWEEN BASE AND LID**  
[54] **CONTENANT COMPRENANT UN JOINT NON PLAT ENTRE LA BASE ET LE COUVERCLE**  
[72] CAUTEREELS, VICTOR J. J., BE  
[72] LEE, ALEX KINMING, HK  
[71] DART INDUSTRIES INC., US  
[22] 2000-08-30  
[43] 2001-03-13  
[30] US (09/394,599) 1999-09-13

[21] **2,317,286**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06N 5/04 7G06F 17/50**  
[25] EN  
[54] **METHOD FOR DOCUMENTING ENGINEERING RULES**  
[54] **METHODE DE DOCUMENTATION DE REGLES TECHNIQUES**  
[72] GRAHAM, MICHAEL EVANS, US  
[72] PARADIS, MICHAEL JOSEPH, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-08-31  
[43] 2001-03-13  
[30] US (60/153,577) 1999-09-13  
[30] US (09/457,651) 1999-12-09

[21] **2,317,292**  
[13] A1

[51] **Int.Cl. 7F16K 31/04 7B60H 1/04 7F16K 5/04 7F01P 7/14**  
[25] EN  
[54] **ELECTRICALLY CONTROLLED SERVO OPERATED ENGINE COOLANT VALVE**  
[54] **SOUPAPE DU LIQUIDE DE REFROIDISSEMENT D'UN MOTEUR A SERVOCOMMANDE ELECTRIQUE**  
[72] BABIN, CHRISTOPHER JOHN, US  
[72] ZAJAC, CHRISTOPHER ANTHONY, US  
[71] EATON CORPORATION, US  
[22] 2000-08-29  
[43] 2001-03-16  
[30] US (397,693) 1999-09-16

[21] **2,317,293**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONTROLLING THE TRANSMISSION POWER OF THE FORWARD LINK OF A WIRELESS COMMUNICATION SYSTEM**  
[54] **APPAREIL ET METHODE DE REGLAGE DE LA PUISSANCE D'EMISSION DE LA LIAISON AVAL D'UN SYSTEME DE COMMUNICATION SANS FIL**  
[72] WEAVER, CARL FRANCIS, US  
[72] EIBLING, EDWARD ELLIS, US  
[72] KAMEL, RAAFAT EDWARD, US  
[72] THOMAS, MATHEW, US  
[72] KUO, WEN-YI, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-31  
[43] 2001-03-14  
[30] US (09/395,494) 1999-09-14

[21] **2,317,295**  
[13] A1

[51] **Int.Cl. 7H04B 7/005 7H04Q 7/36**  
[25] EN  
[54] **AN ADAPTIVE POWER CONTROL METHOD FOR MESSAGES BROADCAST BY COMMUNICATION EQUIPMENT**  
[54] **METHODE ADAPTATIVE DE REGLAGE DE LA PUISSANCE DES MESSAGES DIFFUSES PAR L'EQUIPEMENT DE COMMUNICATION**  
[72] ZHU, PENGFEI, US  
[72] WANG, LIWA, US  
[72] LI, GANG, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-31  
[43] 2001-03-14  
[30] US (09/396,825) 1999-09-14



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[21] **2,317,297**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **METHOD OF IMPROVING USER ACCESS PERFORMANCE BY ADJUSTING POWER OF USE PROBE SIGNAL**  
[54] **METHODE POUR AMELIORER LES PERFORMANCES D'ACCES D'UTILISATEUR BASEE SUR LE REGLAGE DE LA PUISSANCE DU SIGNAL DE SONDE D'UTILISATEUR**  
[72] QUI, ROBERT CAIMING, US  
[72] JIANG, FRANCES, US  
[72] WANG, LIWA, US  
[72] ZHU, PENGFEI, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-31  
[43] 2001-03-14  
[30] US (09/395,911) 1999-09-14

[21] **2,317,302**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ADAPTIVE ADJUSTMENT OF USER PROBE SIGNAL**  
[54] **METHODE ET APPAREIL DE REGLAGE ADAPTATIF DE SIGNAL DE SONDE D'UTILISATEUR**  
[72] ZHU, PENGFEI, US  
[72] LU, MING, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-31  
[43] 2001-03-14  
[30] US (09/395,491) 1999-09-14

[21] **2,317,322**  
[13] A1  
[51] **Int.Cl. 7H03M 7/40**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SUB-BAND CODING AND DECODING**  
[54] **METHODE ET APPAREIL DE CODAGE ET DE DECODAGE EN SOUS-BANDES**  
[72] TANIGUCHI, SHOHEI, JP  
[72] BANBA, YUTAKA, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 2000-09-05  
[43] 2001-03-17  
[30] JP (11-264427) 1999-09-17

[21] **2,317,338**  
[13] A1  
[51] **Int.Cl. 7A63H 3/00**  
[25] EN  
[54] **DOLL HAVING ROTOMOLDED BODY PARTS AND ARTICULATED LIMB INSERTS**  
[54] **POUPEE A PARTIES DU CORPS ROTOMOULEES ET MEMBRES ARTICULES INSERES**  
[72] BANKERT, RICHARD, US  
[72] WELLS, THOMAS E., US  
[72] MARUCCI, N. DOMINIC, US  
[71] FRANKLIN MINT COMPANY, US  
[22] 2000-09-06  
[43] 2001-03-15  
[30] US (09/396,618) 1999-09-15

[21] **2,317,346**  
[13] A1  
[51] **Int.Cl. 7H01F 38/18**  
[25] EN  
[54] **LOOSELY COUPLED ROTARY TRANSFORMER HAVING RESONANT CIRCUIT**  
[54] **CONVERTISSEUR TOURNANT A COUPLAGE LACHE COMPRENANT UN CIRCUIT RESONANT**  
[72] MICHAELS, PAUL ALAN, US  
[72] REA, IRVIN BRUCE, US  
[71] EATON CORPORATION, US  
[22] 2000-09-07  
[43] 2001-03-14  
[30] US (09/395,817) 1999-09-14

[21] **2,317,361**  
[13] A1  
[51] **Int.Cl. 7B66C 23/00 7B66F 11/04 7B66C 23/72**  
[25] EN  
[54] **RETRACTABLE COUNTERWEIGHT FOR STRAIGHT-BOOM AERIAL WORK PLATFORM**  
[54] **CONTREPOIDS RETRACTABLE POUR PLATE-FORME DE TRAVAIL AERIENNE A FLECHE DROITE**  
[72] BACKER, ROBERT D., US  
[72] ZHOU, MICHAEL Z., US  
[72] NEUBAUER, MARK G., US  
[72] GRIFFIN, MICHAEL D., US  
[71] GROVE U.S. L.L.C., US  
[22] 2000-09-05  
[43] 2001-03-13  
[30] US (09/394,616) 1999-09-13

[21] **2,317,362**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD OF DEVELOPING A PRODUCT MARKETING STRATEGY**  
[54] **METHODE DE DEVELOPPEMENT D'UNE STRATEGIE DE COMMERCIALISATION DE PRODUITS**  
[72] VAN HOUSE, RICHARD, US  
[72] SARKISIAN, ANDREW, US  
[72] MALBOEUF, PAUL, US  
[72] WILLIAMSON, JOHN, US  
[71] FORD GLOBAL TECHNOLOGIES, INC., US  
[22] 2000-09-05  
[43] 2001-03-14  
[30] US (09/396,093) 1999-09-14

[21] **2,317,367**  
[13] A1  
[51] **Int.Cl. 7F01C 1/22 7F04C 2/22**  
[25] EN  
[54] **ROTARY POSITIVE DISPLACEMENT DEVICE**  
[54] **DISPOSITIF ROTATIF A DEPLACEMENT POSITIF**  
[72] CHOROSZYLOW, EWAN, US  
[72] AQUINO, GIOVANNI, US  
[72] GREENWALD, HOWARD J., US  
[71] CHOROSZYLOW, EWAN, US  
[71] AQUINO, GIOVANNI, US  
[71] GREENWALD, HOWARD J., US  
[22] 2000-09-05  
[43] 2001-03-15  
[30] US (09/396,034) 1999-09-15

[21] **2,317,369**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD OF PROFILING NEW VEHICLES AND IMPROVEMENTS**  
[54] **METHODE D'ETABLISSEMENT DES PROFILS DES NOUVEAUX VEHICULES ET DES AMELIORATIONS**  
[72] VAN HOUSE, RICHARD, US  
[72] SARKISIAN, ANDREW, US  
[72] FOXLEE, THOM, US  
[72] WILLIAMSON, JOHN, US  
[72] SCHROER, JAMES, US  
[72] FELICE, JOHN, US  
[71] FORD GLOBAL TECHNOLOGIES, INC., US  
[22] 2000-09-05  
[43] 2001-03-14  
[30] US (09/395,455) 1999-09-14

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[21] **2,317,381**  
[13] A1

[51] **Int.Cl. 7H04B 10/12 7H04B 10/18**  
[25] EN  
[54] **USE OF MODE-COUPLED OPTICAL FIBER IN COMMUNICATIONS SYSTEMS**  
[54] **UTILISATION DE FIBRES OPTIQUES A COUPLAGE DE MODES DANS DES SYSTEMES DE COMMUNICATIONS**  
[72] WHITE, WHITNEY, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-07  
[43] 2001-03-14  
[30] US (09/396,826) 1999-09-14

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[21] **2,317,386**  
[13] A1

[51] **Int.Cl. 7G02B 6/12 7G02B 26/02 7H04B 10/08**  
[25] EN  
[54] **PLANAR LIGHTWAVE CIRCUIT MODULE**  
[54] **MODULE DE CIRCUITS A ONDES LUMINEUSES PLANAIRES**  
[72] NISHIMURA, MASAYUKI, JP  
[72] HATAYAMA, HITOSHI, JP  
[72] AKASAKA, NOBUHIRO, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2000-09-07  
[43] 2001-03-14  
[30] JP (11-260725) 1999-09-14  
[30] US (60/191,458) 2000-03-23

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[21] **2,317,389**  
[13] A1

[51] **Int.Cl. 7H01S 3/10 7B23K 26/00**  
[25] EN  
[54] **REAL TIME CONTROL OF LASER BEAM CHARACTERISTICS IN A LASER-EQUIPPED MACHINE TOOL**  
[54] **COMMANDE EN TEMPS REEL DE CARACTERISTIQUES DE FAISCEAU LASER DANS UNE MACHINE-OUTIL EQUIPEE D'UN LASER**  
[72] COLE, IRA E., III, US  
[72] SCOTT, WILLIAM B., US  
[71] W. A. WHITNEY CO., US  
[22] 2000-09-07  
[43] 2001-03-15  
[30] US (09/396,954) 1999-09-15

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[21] **2,317,507**  
[13] A1

[51] **Int.Cl. 7H04R 1/02 7H04M 1/20 7H04R 1/28**  
[25] EN  
[54] **COMPLEX ACOUSTIC PATH AND GASKET FOR USE WITH MICROPHONES**  
[54] **CHEMIN ACOUSTIQUE COMPLEXE ET JOINT D'ETANCHEITE A UTILISER AVEC DES MICROPHONES**  
[72] TURNER, JULIA CAROL, CA  
[72] CRAIG, PETER, CA  
[72] MOQUIN, PHILIPPE, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-09-07  
[43] 2001-03-14  
[30] GB (9921556.8) 1999-09-14

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[21] **2,317,517**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **A METHOD FOR ADJUSTING THE TRANSMIT POWER LEVEL DURING SOFT HANDOFF IN WIRELESS COMMUNICATION SYSTEMS**  
[54] **METHODE DE REGLAGE DE LA PUISSANCE D'EMISSION PENDANT UN TRANSFERT LOGICIEL DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**  
[72] KAMEL, RAAFAT EDWARD, US  
[72] MEYERS, MARTIN HOWARD, US  
[72] WEAVER, CARL FRANCIS, US  
[72] WU, XIAO CHENG, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-07  
[43] 2001-03-15  
[30] US (09/396,947) 1999-09-15

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[21] **2,317,621**  
[13] A1

[51] **Int.Cl. 7H04L 27/20 7H04B 7/06**  
[25] EN  
[54] **A TRANSMITTER ARCHITECTURE EMPLOYING SPACE TIME SPREADING AND ORTHOGONAL TRANSMIT DIVERSITY TECHNIQUES**  
[54] **ARCHITECTURE D'EMETTEUR EMPLOYANT DES TECHNIQUES D'ETALEMENT SPATIO-TEMPOREL ET DE DIVERSITE ORTHOGONALE D'EMISSION**  
[72] LI, QUINN, US  
[72] RAMESH, NALLEPILLI S., US  
[72] BUEHRER, R. MICHAEL, US  
[72] ALLPRESS, STEPHEN ALAN, US  
[72] SONI, ROBERT ATMARAM, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-06  
[43] 2001-03-13  
[30] US (09/394,172) 1999-09-13

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[21] **2,317,679**  
[13] A1

[51] **Int.Cl. 7H04M 3/537**  
[25] EN  
[54] **MESSAGE TRANSMISSION SYSTEM**  
[54] **SYSTEME DE TRANSMISSION DE MESSAGES**  
[72] JAEGTNES, INGEMAR, SE  
[72] ZIMMERMANN, GERHARD, AT  
[71] ERICSSON AUSTRIA AG, AT  
[22] 2000-09-06  
[43] 2001-03-15  
[30] AT (A 1585/99) 1999-09-15

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[21] **2,317,688**  
[13] A1

[51] **Int.Cl. 7B22D 11/06**  
[25] EN  
[54] **CONTINUOUS CASTING APPARATUS**  
[54] **APPAREIL DE COULEE CONTINUE**  
[72] FASANO, FULVIO, IT  
[71] FASANO, FULVIO, IT  
[22] 2000-09-07  
[43] 2001-03-16  
[30] IT (TV99A000100) 1999-09-16

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[21] **2,317,794**  
[13] A1

[51] **Int.Cl. 7G01F 23/284**  
[25] EN  
[54] **LEVEL MEASURING INSTRUMENT**  
[54] **APPAREIL MESUREUR DE NIVEAU**  
[72] REIMELT, RALF, DE  
[71] ENDRESS + HAUSER GMBH + CO., DE  
[22] 2000-09-06  
[43] 2001-03-11  
[30] EP (99 11 8150.4) 1999-09-11

[21] **2,317,840**  
[13] A1

[51] **Int.Cl. 7F01D 5/30**  
[25] EN  
[54] **COMPOSITE BLADE ROOT ATTACHMENT**  
[54] **ATTACHE D'EMPLANTURE DE PALE COMPOSITE**  
[72] RAVENHALL, JOHN ANDREW, US  
[72] MESING, THOMAS CARL, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-09-07  
[43] 2001-03-17  
[30] US (09/399,197) 1999-09-17

[21] **2,317,889**  
[13] A1

[51] **Int.Cl. 7G08B 13/22 7G08B 3/00**  
[25] EN  
[54] **ANTI-THEFT DEVICE FOR COMPUTERS**  
[54] **DISPOSITIF ANTIVOL POUR ORDINATEURS**  
[72] BOERKE, GORDON, CA  
[71] BOERKE, GORDON, CA  
[22] 2000-09-08  
[43] 2001-03-17  
[30] GB (9922001.4) 1999-09-17

[21] **2,317,835**  
[13] A1

[51] **Int.Cl. 7B61F 5/04**  
[25] EN  
[54] **IMPROVED BOLSTER LAND ARRANGEMENT FOR RAILCAR TRUCK**  
[54] **INSTALLATION AMELIOREE DE LA LEVRE D'UNE TRAVERSE PIVOT DE CHARIOT-DIABLE**  
[72] HAWTHORNE, V. TERREY, US  
[72] MOEHLNG, CHARLES, US  
[72] WEBER, EARL K., US  
[72] MCKEOWN, FRANK S., US  
[72] RUBACK, JEFFREY M., US  
[72] GOLEMBIEWSKI, RONALD D., US  
[71] AMSTED INDUSTRIES INCORPORATED, US  
[22] 2000-09-07  
[43] 2001-03-16  
[30] US (09/397,595) 1999-09-16

[21] **2,317,856**  
[13] A1

[51] **Int.Cl. 7C08J 9/00 7C08F 10/02 7C08F 218/08 7C08L 23/08 7C08F 210/16**  
[25] EN  
[54] **COMPATIBLE LINEAR AND BRANCHED ETHYLENIC POLYMERS AND FOAMS THEREFROM**  
[54] **POLYMERES ETHYLENIQUES LINEAIRES ET RAMIFIES COMPATIBLES ET MOUSSES OBTENUES A PARTIR DE CEUX-CI**  
[72] MALWITZ, NELSON E., US  
[72] LEE, SHAU-TARNG, US  
[72] RAMESH, NATARAJAN S., US  
[71] SEALED AIR CORPORATION (US), US  
[22] 2000-09-08  
[43] 2001-03-13  
[30] US (09/394,723) 1999-09-13

[21] **2,317,891**  
[13] A1

[51] **Int.Cl. 7B01D 36/00 7B01D 35/22**  
[25] EN  
[54] **LIQUID FILTER WITH CENTRIFUGAL SEPARATOR**  
[54] **FILTRE A LIQUIDE AVEC SEPARATEUR CENTRIFUGE**  
[72] WONG, JOHNNY, US  
[72] STAMEY, WILLIE L., JR., US  
[72] RHYNE, GREGORY KEITH, US  
[71] DANA CORPORATION, US  
[22] 2000-09-08  
[43] 2001-03-17  
[30] US (09/398,459) 1999-09-17

[21] **2,317,837**  
[13] A1

[51] **Int.Cl. 7B42D 3/02**  
[25] EN  
[54] **PORTFOLIOS WITH ENHANCED MOLDED COVERS**  
[54] **PORTEFEUILLE A COUVERTURES MOULEES AMELIOREES**  
[72] WIEN, THOMAS M., US  
[71] AVERY DENNISON CORPORATION, US  
[22] 2000-09-08  
[43] 2001-03-11  
[30] US (09/395,907) 1999-09-11

[21] **2,317,876**  
[13] A1

[51] **Int.Cl. 7A61F 13/494**  
[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] TANJI, HIROYUKI, JP  
[72] MISHIMA, YOSHITAKA, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-09-08  
[43] 2001-03-16  
[30] JP (11-262170) 1999-09-16

[21] **2,317,899**  
[13] A1

[51] **Int.Cl. 7H04J 11/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PARTIAL AND COURSE FREQUENCY OFFSET ESTIMATION IN A DIGITAL AUDIO BROADCASTING (DAB) SYSTEM**  
[54] **METHODE ET DISPOSITIF D'EVALUATION DU DECALAGE DE FREQUENCE APPROXIMATIF ET PARTIEL DANS UN SYSTEME DE RADIODIFFUSION AUDIONUMERIQUE (RAN)**  
[72] MILBAR, MAREK, US  
[72] ZARRABIZADEH, MOHAMMAD HOSSEIN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-07  
[43] 2001-03-15  
[30] US (09/396,058) 1999-09-15

**Demandes canadiennes mises à la disponibilité du public**  
**11 mars 2001 - 17 mars 2001**

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[21] **2,317,901**  
[13] A1

[51] **Int.Cl. 7H04B 1/62 7H04B 7/005 7H04Q 7/36**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR REDUCING ADJACENT CHANNEL POWER IN WIRELESS COMMUNICATION SYSTEMS**  
[54] **METHODE ET APPAREIL POUR REDUIRE LA PUISSANCE TRANSMISE DANS LES VOIES ADJACENTES DANS DES SYSTEMES DE COMMUNICATION SANS FIL**  
[72] JOHNSON, ROBERT EVEREST, US  
[72] LENEY, MARK THOMAS, US  
[72] VELLA-COLEIRO, GEORGE PHILIP, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-07  
[43] 2001-03-14  
[30] US (09/395,490) 1999-09-14

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[21] **2,317,903**  
[13] A1

[51] **Int.Cl. 7H04L 1/22 7H04J 11/00**  
[25] EN  
[54] **SYMBOL SELF SYNCHRONOUS INTERLEAVING METHOD AND APPARATUS FOR OFDM-BASED COMMUNICATION SYSTEM**  
[54] **METHODE D'ENTRELACEMENT AUTO-SYNCHRONE DE SYMBOLES ET DISPOSITIF DE SYSTEME DE COMMUNICATION UTILISANT LE MULTIPLEXAGE FREQUENTIEL OPTIQUE**  
[72] MILBAR, MAREK, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-07  
[43] 2001-03-15  
[30] US (09/396,056) 1999-09-15

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[21] **2,317,912**  
[13] A1

[51] **Int.Cl. 7H04L 1/20 7H04L 12/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR LINE RATE CONTROL IN A DIGITAL COMMUNICATIONS SYSTEM**  
[54] **METHODE ET APPAREIL DE REGLAGE DE FREQUENCE DE LIGNE DANS UN SYSTEME DE COMMUNICATIONS NUMERIQUES**  
[72] ALB, CRISTIAN, CA  
[72] MATUSZEWSKI, JERZY, CA  
[72] TAYLOR, THOMAS P., CA  
[72] SLONOSKY, MICHAEL J., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-07  
[43] 2001-03-14  
[30] US (09/395,734) 1999-09-14

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[21] **2,317,913**  
[13] A1

[51] **Int.Cl. 7B61F 5/00**  
[25] EN  
[54] **SIDE FRAME-BOLSTER INTERFACE FOR RAILCAR TRUCK ASSEMBLY**  
[54] **JOINT D'UNE TRAVERSE PIVOT D'UN LONGERON DE BOGIE POUR CHARIOT-DIABLE**  
[72] SPENCER, CHARLES P., US  
[71] AMSTED INDUSTRIES INCORPORATED, US  
[22] 2000-09-07  
[43] 2001-03-16  
[30] US (09/397,584) 1999-09-16

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[21] **2,317,924**  
[13] A1

[51] **Int.Cl. 7G07F 19/00 7G06K 19/067 7H04L 12/16**  
[25] FR  
[54] **PROCEDE DE TRANSFERT MONETAIRE, NOTAMMENT DE COLLECTE ELECTRONIQUE DE FONDS**  
[54] **MONEY TRANSFER PROCESS, SPECIFICALLY FOR THE ELECTRONIC COLLECTION OF FUNDS**  
[72] ILIE, FRANCOIS, FR  
[71] INNOVATRON, FR  
[22] 2000-08-30  
[43] 2001-03-13  
[30] FR (99 11 407) 1999-09-13

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[21] **2,317,931**  
[13] A1

[51] **Int.Cl. 7H02G 3/08**  
[25] FR  
[54] **BOITIER D'INTERCONNEXION POUR COMPOSANTS ELECTRONIQUES**  
[54] **INTERCONNECTION UNIT FOR ELECTRONIC COMPONENTS**  
[72] THUAULT, MICHEL, FR  
[72] BADAROUX, THIERRY, FR  
[72] ITTAH, JEAN, FR  
[71] CONNECTEURS CINCH, FR  
[22] 2000-09-06  
[43] 2001-03-15  
[30] FR (99 11 536) 1999-09-15

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[21] **2,317,973**  
[13] A1

[51] **Int.Cl. 7H04J 11/00 7H04B 7/185**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IDENTIFYING AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) TERRESTRIAL REPEATER USING INACTIVE SUB-CARRIERS**  
[54] **METHODE ET APPAREIL D'IDENTIFICATION D'UN REPETEUR TERRESTRE DE MULTIPLEXAGE PAR REPARTITION EN FREQUENCE ORTHOGONAL (MRFO) AU MOYEN DE SOUS-PORTEUSES INACTIVES**  
[72] SAYEED, ZULFIQUAR, US  
[72] RIAZI, HABIB, US  
[72] ZHENG, DUNMIN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-08  
[43] 2001-03-17  
[30] US (09/398,503) 1999-09-17

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Canadian Laid-Open Applications  
March 11, 2001 - March 17, 2001

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[21] **2,317,974**  
[13] A1  
[51] **Int.Cl. 7H04J 11/00 7H04B 7/185**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PERFORMING DIFFERENTIAL MODULATION OVER FREQUENCY IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) COMMUNICATION SYSTEM**  
[54] **METHODE ET APPAREIL PERMETTANT L'EXECUTION D'UNE MODULATION DIFFERENTIELLE SURFREQUENCE DANS UN SYSTEME DE COMMUNICATION PAR MULTIPLEXAGE PAR REPARTITION EN FREQUENCE ORTHOGONAL (MRFO)**  
[72] ZHENG, DUNMIN, US  
[72] SAYEED, ZULFIQUAR, US  
[72] RIAZI, HABIB, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-08  
[43] 2001-03-17  
[30] US (09/398,502) 1999-09-17

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[21] **2,317,978**  
[13] A1  
[51] **Int.Cl. 7C09D 175/16**  
[25] EN  
[54] **ELASTIC COATING SYSTEM COMPRISING UV-CURABLE URETHANE (METH) ACRYLATES CONTAINING ISOCYANATE GROUPS AND ITS USE**  
[54] **SYSTEME DE REVETEMENT ELASTIQUE COMPRENANT DES (METH)ACRYLATES D'URETHANE DURCISSABLES AUX UV RENFERMANT DES GROUPEMENTS ISOCYANATES ET SON UTILISATION**  
[72] KOBUSCH, CLAUS, DE  
[72] FISCHER, WOLFGANG, DE  
[72] KUTTNER, WOLFRAM, DE  
[72] WEIKARD, JAN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-09-11  
[43] 2001-03-15  
[30] DE (19944156.1) 1999-09-15

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[21] **2,317,980**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36 7H04L 29/06**  
[25] EN  
[54] **H.323 MOBILITY ARCHITECTURE FOR TERMINAL USER AND SERVICE MOBILITY**  
[54] **ARCHITECTURE DE MOBILITE H.323 POUR L'OPERATEUR DE TERMINAL ET LA MOBILITE D'UN SERVICE**  
[72] ROY, RADHIKA R., US  
[71] AT&T CORP., US  
[22] 2000-09-08  
[43] 2001-03-16  
[30] US (60/154,212) 1999-09-16

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[21] **2,317,981**  
[13] A1  
[51] **Int.Cl. 7E21D 21/00**  
[25] EN  
[54] **GRIT SURFACE CABLE PRODUCTS**  
[54] **PRODUITS POUR CABLES A SURFACE GRANULEUSE**  
[72] STANKUS, JOHN C., US  
[71] JENNMAR CORPORATION, US  
[22] 2000-09-12  
[43] 2001-03-14  
[30] US (60/153,860) 1999-09-14

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[21] **2,317,986**  
[13] A1  
[51] **Int.Cl. 7F16L 55/07**  
[25] EN  
[54] **APPARATUS FOR DRAINING A FLUID FROM A PRESSURE VESSEL AND METHOD OF USE THEREFOR**  
[54] **APPAREIL POUR L'ECOULEMENT D'UN FLUIDE D'UN RECIPIENT SOUS PRESSION ET METHODE D'UTILISATION**  
[72] ASTOR, JOHN J., US  
[71] DRESSER-RAND COMPANY, US  
[22] 2000-09-12  
[43] 2001-03-13  
[30] US (09/395,080) 1999-09-13

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[21] **2,317,991**  
[13] A1  
[51] **Int.Cl. 7F28F 3/02 7E04B 5/48**  
[25] EN  
[54] **FLAT HEAT EXCHANGER ARRANGEMENT FOR SURFACE HEATING**  
[54] **ECHANGEUR DE CHALEUR PLAT POUR LE CHAUFFAGE DES SURFACES**  
[72] SIEGMUND, HELMUT, DE  
[71] SIEGMUND, HELMUT, DE  
[22] 2000-09-11  
[43] 2001-03-14  
[30] DE (199 44 027.1) 1999-09-14

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[21] **2,317,996**  
[13] A1  
[51] **Int.Cl. 7B65D 81/133**  
[25] EN  
[54] **FLANGED EDGE PROTECTOR FOR WINDOW UNIT**  
[54] **PROTECTEUR DE BORD TOMBE POUR FENETRE**  
[72] MILLER, SCOT C., US  
[72] WETTER, JEFFREY S., US  
[72] HRDLICKA, FRED L., US  
[71] PELLA CORPORATION, US  
[22] 2000-09-12  
[43] 2001-03-13  
[30] US (09/394,423) 1999-09-13

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[21] **2,317,999**  
[13] A1  
[51] **Int.Cl. 7A61K 31/56 7A61M 15/00 7A61K 9/12 7A61K 9/72**  
[25] EN  
[54] **PHARMACEUTICAL FORMULATION OF FLUTICASONE PROPIONATE**  
[54] **FORMULATION PHARMACEUTIQUE DE PROPIONATE DE FLUTICASONE**  
[72] JOHNSON, PAUL, GB  
[72] CRIPPS, ALAN LESLIE, GB  
[71] GLAXO GROUP LIMITED, GB  
[22] 2000-09-11  
[43] 2001-03-11  
[30] GB (9921396.9) 1999-09-11  
[30] GB (0014451.9) 2000-06-13  
[30] GB (0018654.4) 2000-07-28

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[21] **2,318,002**  
[13] A1

[51] **Int.Cl. 7B60T 17/22**  
[25] EN  
[54] **DIAGNOSTIC MODE SELECTOR SYSTEM FOR ANTI-LOCK BRAKE SYSTEMS AND OTHER ELECTRONICS SYSTEMS**  
[54] **SYSTEME SELECTEUR DE MODE DE DIAGNOSTIC POUR SYSTEMES DE FREINAGE ANTIBLOCAGE ET AUTRES SYSTEMES ELECTRONIQUES**  
[72] BROWN, JAMES B., JR., US  
[72] MCCANN, GERARD O., US  
[71] WABASH TECHNOLOGY CORPORATION, US  
[22] 2000-09-12  
[43] 2001-03-13  
[30] US (60/153,653) 1999-09-13  
[30] US (09/645,897) 2000-08-25

[21] **2,318,004**  
[13] A1

[51] **Int.Cl. 7C07C 311/18 7A61P 35/00 7C07D 409/02 7C07D 219/04 7C07C 311/06 7C07C 237/10 7C07D 207/16 7A61K 31/16 7C07D 261/18 7A61K 31/18 7C07C 271/20 7A61K 31/27 7C07D 333/34 7A61K 31/381 7A61K 31/395 7C07C 233/40 7C07C 311/41 7C07D 215/52 7C07C 323/60**  
[25] EN  
[54] **NOVEL POLYAMINE ANALOGUES AS THERAPEUTIC AND DIAGNOSTIC AGENTS**  
[54] **ANALOGUES DE POLYAMINES NOUVEAUX UTILISES COMME AGENTS THERAPEUTIQUES ET DIAGNOSTIQUES**  
[72] VERMEULIN, NICOLAAS M.J., US  
[72] O'DAY, CHRISTINE L., US  
[72] WEBB, HEATHER K., US  
[72] BERGSTROM, DONALD E., US  
[72] BURNS, MARK R., US  
[71] ORIDIGM CORPORATION, US  
[22] 2000-09-11  
[43] 2001-03-15  
[30] US (09/396,523) 1999-09-15

[21] **2,318,007**  
[13] A1

[51] **Int.Cl. 7A01J 25/06**  
[25] EN  
[54] **APPARATUS FOR CUTTING AND STIRRING CURD**  
[54] **APPAREIL DE DECOUPAGE ET DE BRASSAGE DU CAILLE**  
[72] HUITEMA, SJOERD, NL  
[72] SIPMA, SIJMEN, NL  
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH  
[22] 2000-09-12  
[43] 2001-03-17  
[30] NL (1013083) 1999-09-17

[21] **2,318,008**  
[13] A1

[51] **Int.Cl. 7A61K 31/4439 7A61K 9/20 7A61K 9/48**  
[25] EN  
[54] **SOLID ORAL PHARMACEUTICAL FORMULATION OF MODIFIED RELEASE THAT CONTAINS AN ACID LABILE BENZIMIDAZOLE COMPOUND**  
[54] **FORMULATION PHARMACEUTIQUE ORALE SOLIDE A LIBERATION MODIFIEE CONTENANT UN COMPOSE DE BENZIMIDAZOLE METASTABLE EN MILIEU ACIDE**  
[72] MANCINELLI, VINCENT, US  
[72] SOLANAS IBARRA, PEDRO JUAN, ES  
[72] LOPEZ CABRERA, ANTONIO, ES  
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES  
[22] 2000-09-12  
[43] 2001-03-13  
[30] ES (9902027) 1999-09-13

[21] **2,318,010**  
[13] A1

[51] **Int.Cl. 7A46B 5/02**  
[25] EN  
[54] **TOOTH BRUSH**  
[54] **BROSSE A DENTS**  
[72] DITLEF, ARNALDO ANTONIO, BR  
[72] ORIANI, PAULO CESAR DE GODOY, BR  
[72] SIMIONATO, LUIZ BELLINO, BR  
[71] JOHNSON & JOHNSON INDUSTRIA E COMERCIO LTDA., BR  
[22] 2000-09-12  
[43] 2001-03-17  
[30] BR (PI 9904655-5) 1999-09-17

[21] **2,318,014**  
[13] A1

[51] **Int.Cl. 7A61F 13/511**  
[25] EN  
[54] **WATER-DECOMPOSABLE ABSORBENT ARTICLE**  
[54] **ARTICLE ABSORBANT DECOMPOSABLE PAR L'ACTION DE L'EAU**  
[72] TOKUMOTO, MEGUMI, JP  
[72] KURATA, NOBUHIRO, JP  
[72] WADA, MITSUHIRO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-09-12  
[43] 2001-03-16  
[30] JP (11-261689) 1999-09-16

[21] **2,318,016**  
[13] A1

[51] **Int.Cl. 7A21D 13/08 7A23C 19/09**  
[25] EN  
[54] **CHEESE DEPOSITING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE PERMETTANT DE DEPOSER DU FROMAGE**  
[72] COLE, FRANK, US  
[72] HAIRSINE, ALAN, US  
[71] KRAFT FOODS, INC., US  
[22] 2000-09-12  
[43] 2001-03-14  
[30] US (60/153,798) 1999-09-14

[21] **2,318,023**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 11/30**  
[25] EN  
[54] **CONTEXT SENSITIVE WEB-BASED SUPPLY ORDERING**  
[54] **COMMANDE DE FOURNITURES EN CONTEXTE SUR INTERNET**  
[72] MARCHIONDA, DAWN M., US  
[72] HAYWARD, KEN, US  
[72] KROLCZYK, MARC J., US  
[71] XEROX CORPORATION, US  
[22] 2000-09-11  
[43] 2001-03-16  
[30] US (09/397,126) 1999-09-16

Canadian Laid-Open Applications  
March 11, 2001 - March 17, 2001

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[21] **2,318,025**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 11/30**  
[25] EN  
[54] **CONTEXT SENSITIVE WEB-BASED USER SUPPORT**  
[54] **SOUTIEN CONTEXTUEL AUX UTILISATEURS SUR INTERNET**  
[72] KROLCZYK, MARC J., US  
[72] HAYWARD, KEN, US  
[71] MARCHIONDA, DAWN M., US  
[71] XEROX CORPORATION, US  
[22] 2000-09-11  
[43] 2001-03-16  
[30] US (09/397,125) 1999-09-16

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[21] **2,318,027**  
[13] A1  
[51] **Int.Cl. 7D21C 3/24**  
[25] EN  
[54] **TREATING PULP WITH YIELD OR STRENGTH-ENHANCING ADDITIVE**  
[54] **TRAITEMENT DE LA PATE A PAPIER AVEC UN ADDITIF AMELIORANT LE RENDEMENT OU LA RESISTANCE**  
[72] STROMBERG, C. BERTIL, US  
[72] PHILLIPS, JOSEPH R., US  
[71] ANDRITZ-AHLSTROM INC., US  
[22] 2000-09-12  
[43] 2001-03-13  
[30] US (60/153,237) 1999-09-13  
[30] US (UNKNOWN) 2000-09-12

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[21] **2,318,507**  
[13] A1  
[51] **Int.Cl. 7C12N 15/10 7C12P 13/04 7C12N 1/20 7C12P 19/30 7C12N 15/61 7C12N 15/70**  
[25] EN  
[54] **NOVEL NUCLEOTIDE SEQUENCES CODING FOR THE PGI GENE**  
[54] **SEQUENCES NUCLEOTIDIQUES NOUVELLES CODANT POUR LE GENE PGI**  
[72] MARX, ACHIM, DE  
[72] BURKE, KEVIN, IE  
[72] O'DONOHUE, MICHAEL, IE  
[72] STAPELTON, CLIONA, IE  
[72] McCORMACK, ASHLING, IE  
[72] MOCKEL, BETTINA, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[71] NATIONAL UNIVERSITY OF IRELAND, IE  
[22] 2000-09-13  
[43] 2001-03-15  
[30] US (09/396,478) 1999-09-15

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[21] **2,318,596**  
[13] A1  
[51] **Int.Cl. 7B62D 1/16 7G08C 19/00**  
[25] EN  
[54] **CIRCUIT AND METHOD FOR ESTABLISHING TWO-WAY COMMUNICATION BETWEEN THE STEERING COLUMN AND THE STEERING WHEEL OF A VEHICLE**  
[54] **CIRCUIT ET METHODE D'ETABLISSEMENT DE COMMUNICATION BIDIRECTIONNELLE ENTRE LA COLONNE DE DIRECTION ET LE VOLANT DE DIRECTION D'UN VEHICULE**  
[72] MICHAELS, PAUL ALAN, US  
[72] REA, IRVIN BRUCE, US  
[71] EATON CORPORATION, US  
[22] 2000-09-12  
[43] 2001-03-14  
[30] US (09/395,616) 1999-09-14

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[21] **2,318,597**  
[13] A1  
[51] **Int.Cl. 7H01Q 1/00 7H01Q 1/12 7H04Q 7/32 7H01Q 1/36**  
[25] EN  
[54] **ANTENNA PACKAGE FOR A WIRELESS COMMUNICATIONS DEVICE**  
[54] **ENSEMBLE D'ANTENNE POUR DISPOSITIF DE COMMUNICATION SANS FIL**  
[72] MANZIONE, LOUIS THOMAS, US  
[72] WONG, YIU-HUEN, US  
[72] TSAI, MING-JU, US  
[72] KORISCH, ILYA ALEXANDER, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-12  
[43] 2001-03-15  
[30] US (09/396,948) 1999-09-15

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[21] **2,318,612**  
[13] A1  
[51] **Int.Cl. 7C04B 35/48 7C23C 14/08**  
[25] FR  
[54] **COMPOSITION DE BARRIERE THERMIQUE, PIECE MECANIQUE EN SUPERALLIAGE PROTEGEE PAR UN REVETEMENT DE CERAMIQUE AYANT UNE TELLE COMPOSITION, ET METHODE DE REALISATION DU REVETEMENT DE CERAMIQUE**  
[54] **THERMAL BARRIER COMPOSITION, SUPERALLOY MACHINE COMPONENT PROTECTED BY A CERAMIC COATING BASED ON SUCH A COMPOSITION, AND METHOD OF PRODUCTION OF SAID COATING**  
[72] ALPERINE, SERGE ALEXANDRE, FR  
[72] ARNAULT, VERONIQUE, FR  
[72] LAVIGNE, ODILE, FR  
[72] MEVREL, REMY, FR  
[71] SNECMA MOTEURS, FR  
[22] 2000-09-06  
[43] 2001-03-16  
[30] FR (99.11565) 1999-09-16

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[21] **2,318,613**  
[13] A1  
[51] **Int.Cl. 7G06F 12/14**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE RESOLUTION DE MODELES ET UTILISATION POUR LA DETECTION DES ATTAQUES CONTRE LES SYSTEMES INFORMATIQUES**  
[54] **MODEL RESOLUTION FEATURE AND PROCESS AND ITS USE TO DETECT ATTACKS ON COMPUTER SYSTEMS**  
[72] GOUBAULT-LARRECQ, JEAN, FR  
[72] ROGER, MURIEL, FR  
[71] INRIA, FR  
[71] BULL S.A., FR  
[22] 2000-09-06  
[43] 2001-03-13  
[30] FR (99 11716) 1999-09-13

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[21] **2,318,616**  
[13] A1

[51] **Int.Cl. 7H01R 13/73**  
[25] FR  
[54] **PIED DE FIXATION SUR UN RAIL SUPPORT**  
[54] **MOUNTING FOOT FOR BOLTING ON A SUPPORTING RAIL**  
[72] BECHAZ, BERNARD, FR  
[72] BARRAT, SYLVAIN, FR  
[71] ENTRELEC S.A., FR  
[22] 2000-09-11  
[43] 2001-03-16  
[30] FR (99 11 800) 1999-09-16

[21] **2,318,622**  
[13] A1

[51] **Int.Cl. 7H04Q 3/47 7H04L 29/06**  
[25] EN  
[54] **CALL CONTROL SERVER SELECTION WITH LOAD SHARING MECHANISMS**  
[54] **SELECTION DE SERVEUR DE COMMANDE D'APPELS A MECANISMES DE PARTAGE DE CHARGE**  
[72] MORROW, GLENN, US  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-09-12  
[43] 2001-03-13  
[30] US (60/153,622) 1999-09-13  
[30] US (09/655,652) 2000-09-05

[21] **2,318,627**  
[13] A1

[51] **Int.Cl. 7G01V 1/36**  
[25] EN  
[54] **DIFFERENTIAL DELAY-TIME REFRACTION TOMOGRAPHY**  
[54] **TOMOGRAPHIE PAR REFRACTION UTILISANT UN DELAI DIFFERENTIEL**  
[72] OSYPOV, KONSTANTIN SERGEEVICH, US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-09-12  
[43] 2001-03-17  
[30] US (09/398,175) 1999-09-17

[21] **2,318,632**  
[13] A1

[51] **Int.Cl. 7H01R 13/73**  
[25] FR  
[54] **DISPOSITIF DE CONNEXION ELECTRIQUE COMPORTANT UN PIED DE FIXATION SUR UN RAIL SUPPORT**  
[54] **ELECTRICAL CONNECTING DEVICE HAVING A MOUNTING FOOT FOR BOLTING ON A SUPPORTING RAIL**  
[72] BECHAZ, BERNARD, FR  
[72] BARRAT, SYLVAIN, FR  
[71] ENTRELEC S.A., FR  
[22] 2000-09-11  
[43] 2001-03-16  
[30] FR (99 11 801) 1999-09-16

[21] **2,318,643**  
[13] A1

[51] **Int.Cl. 7G06K 19/08 7G03G 15/00**  
[25] EN  
[54] **DOCUMENT VERIFICATION AND TRACKING SYSTEM FOR PRINTED MATERIAL**  
[54] **SYSTEME DE VERIFICATION ET DE SUIVI DE DOCUMENTS A IMPRIMER**  
[72] LAUSSERMAIR, THOMAS, US  
[72] SCHMITT, MICHAEL, US  
[72] BHATTACHARYA, ABHIJIT, US  
[72] LORENZ, FRANK, DE  
[72] RIBEIRO, TONY, US  
[72] DIETZ, LEON T., US  
[71] OCE PRINTING SYSTEMS GMBH, DE  
[22] 2000-09-12  
[43] 2001-03-13  
[30] US (09/394,546) 1999-09-13

[21] **2,318,652**  
[13] A1

[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **METHOD OF MAKING A DECISION ON THE MONTHLY PHYSIOLOGICAL CONDITION OF A FEMALE BODY, APPARATUS WHICH MAKES SUCH DECISION, AND APPARATUS WHICH PRODUCES SOME DATA FOR SUCH DECISION**  
[54] **METHODE DE PRISE DE DECISION QUANT A LA CONDITION PHYSIOLOGIQUE MENSUELLE D'UN CORPS FEMININ, APPAREIL PRENANT LADITE DECISION ET APPAREIL PRODUISANT DES DONNEES SUR LESQUELLES EST FONDEE CETTE DECISION**  
[72] KODAMA, MIYUKI, JP  
[72] SATO, HITOSHI, JP  
[71] TANITA CORPORATION, JP  
[22] 2000-09-12  
[43] 2001-03-13  
[30] JP (11-258538) 1999-09-13

[21] **2,318,653**  
[13] A1

[51] **Int.Cl. 7B29C 51/12 7B29C 47/00 7B29C 49/00 7B29D 22/00**  
[25] EN  
[54] **TANK INSERT AND PROCESS FOR THE PRODUCTION THEREOF**  
[54] **INSERT DE RESERVOIR ET PROCEDE DE FABRICATION**  
[72] STANGIER, OSKAR, DE  
[71] KAUTEX TEXTRON GMBH. & CO. KG., DE  
[22] 2000-09-12  
[43] 2001-03-13  
[30] DE (199 43 673.8) 1999-09-13

[21] **2,318,654**  
[13] A1

[51] **Int.Cl. 7A61F 2/44**  
[25] EN  
[54] **METHOD OF PROTECTING SPINAL AREA**  
[54] **METHODE DE PROTECTION D'UNE PARTIE DE LA MOELLE EPINIERE**  
[72] BOYNE, PHILIP J., US  
[72] GEISTLICH, PETER, CH  
[72] SCHLOSSER, LOTHAR, DE  
[71] ED GEISTLICH SOHNE AG FUR CHEMISCHE INDUSTRIE, CH  
[22] 2000-09-12  
[43] 2001-03-15  
[30] US (09/396,418) 1999-09-15



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March 11, 2001 - March 17, 2001

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[21] **2,318,655**  
[13] A1  
[51] **Int.Cl. 7G02B 27/62 7G02B 6/36**  
[25] EN  
[54] **VARIABLE ATTENUATOR**  
[54] **ATTENUATEUR VARIABLE**  
[72] TAYLOR, ROBERT S., CA  
[72] PRUNES, VASILE, CA  
[72] COLBOURNE, PAUL, CA  
[71] JDS UNIPHASE INC., CA  
[22] 2000-09-12  
[43] 2001-03-14  
[30] US (09/395,198) 1999-09-14

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[21] **2,318,683**  
[13] A1  
[51] **Int.Cl. 7E05D 7/02 7A47B 81/00**  
**7H04Q 1/14**  
[25] EN  
[54] **WALL MOUNTABLE RELAY**  
**RACK CABINET**  
[54] **BAIE DE RELAIS A MONTAGE**  
**MURAL**  
[72] MOROFSKY, NEIL, US  
[71] MOROFSKY, NEIL, US  
[22] 2000-09-12  
[43] 2001-03-13  
[30] US (60/153,508) 1999-09-13

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[21] **2,318,684**  
[13] A1  
[51] **Int.Cl. 7F24C 14/02**  
[25] EN  
[54] **SELF-CLEANING SYSTEM FOR A**  
**COOKING APPLIANCE**  
[54] **SYSTEME AUTONETTOYANT**  
**POUR APPAREIL DE CUISSON**  
[72] BALES, MICHAEL E., US  
[72] BROWN, JOHN SCOTT, US  
[71] MAYTAG CORPORATION, US  
[22] 2000-09-13  
[43] 2001-03-13  
[30] US (60/153,226) 1999-09-13  
[30] US (09/650,416) 2000-08-29

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[21] **2,318,685**  
[13] A1  
[51] **Int.Cl. 7B60T 15/36 7B61H 13/00**  
[25] EN  
[54] **INTEGRATED TRAIN**  
**ELECTRICAL AND PNEUMATIC**  
**BRAKES**  
[54] **FREINS DE TRAINS**  
**ELECTRIQUES ET PNEUMATIQUES**  
**INTEGRES**  
[72] MARRA, JON M., US  
[72] STEVENS, DALE R., US  
[72] ROOT, KEVIN B., US  
[72] MCLAUGHLIN, BRYAN M., US  
[71] NEW YORK AIR BRAKE  
CORPORATION, US  
[22] 2000-09-13  
[43] 2001-03-16  
[30] US (09/397,676) 1999-09-16

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[21] **2,318,687**  
[13] A1  
[51] **Int.Cl. 7F23D 14/20 7B01J 8/06**  
**7F23D 14/58 7F23D 14/84**  
[25] EN  
[54] **IMPROVED NOZZLE-MIX**  
**BURNER**  
[54] **BRULEUR A AJUTAGE DE**  
**MELANGE AMELIORE**  
[72] BENNETT, RICHARD, US  
[72] WARWICK, FRED, CA  
[72] PRASAD, ALAKH, CA  
[72] BLANCHETTE, GREG, CA  
[72] BERKLEY, JEFF, CA  
[72] BUSWELL, RICHARD F.  
(DECEASED), US  
[71] BALLARD GENERATION SYSTEMS  
INC., CA  
[22] 2000-09-13  
[43] 2001-03-13  
[30] US (09/394,749) 1999-09-13

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[21] **2,318,688**  
[13] A1  
[51] **Int.Cl. 7B64C 25/42**  
[25] EN  
[54] **AIRCRAFT LANDING GEAR WITH**  
**INTEGRATED BRAKE ACTUATION**  
**SYSTEM**  
[54] **TRAIN D'ATTERRISSAGE**  
**COMPRENANT UN SYSTEME**  
**D'ACTIONNEMENT DE FREIN**  
**INTEGRE**  
[72] HAUGEN, DEROLLE E., US  
[72] HAYDON, THOMAS H., US  
[72] RALEA, MIHAI, US  
[72] CHRIST, FRANKLIN C., US  
[71] THE B.F. GOODRICH COMPANY, US  
[22] 2000-09-12  
[43] 2001-03-13  
[30] US (60/153,510) 1999-09-13

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[21] **2,318,690**  
[13] A1  
[51] **Int.Cl. 7C10M 141/00 7C10M 141/08**  
**7C10M 141/10**  
[25] EN  
[54] **MARINE DIESEL CYLINDER**  
**LUBRICATION**  
[54] **LUBRIFICATION DES CYLINDRES**  
**DE MOTEUR DIESEL MARIN**  
[72] BOVINGTON, CHARLES H., GB  
[72] GARNER, TERENCE, GB  
[71] INFINEUM INTERNATIONAL  
LIMITED, GB  
[22] 2000-09-12  
[43] 2001-03-13  
[30] EP (EP99203006.4) 1999-09-13

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[21] **2,318,692**  
[13] A1  
[51] **Int.Cl. 7F23C 11/04 7F22B 31/00**  
**7F24H 1/10**  
[25] EN  
[54] **PULSED AIR COMBUSTION HIGH**  
**CAPACITY BOILER**  
[54] **CHAUDIERE DE COMBUSTION A**  
**AIR PULSE A HAUTE EFFICACITE**  
[72] HANSON, GARRY O., US  
[71] HARSCO TECHNOLOGIES, INC., US  
[22] 2000-09-12  
[43] 2001-03-15  
[30] US (09/396,152) 1999-09-15

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**11 mars 2001 - 17 mars 2001**

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[21] **2,318,695**  
[13] A1

[51] **Int.Cl. 7B60J 1/20 7G09F 7/12**  
[25] EN  
[54] **WINDOW PANELS**  
[54] **PANNEAUX DE GLACE DE VEHICULE**  
[72] MAYNARD, LYMAN B., CA  
[71] CROWN NORTH AMERICA, US  
[22] 2000-09-13  
[43] 2001-03-13  
[30] US (09/395,007) 1999-09-13

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[21] **2,318,700**  
[13] A1

[51] **Int.Cl. 7C09D 5/26**  
[25] EN  
[54] **THERMOCHROMIC MICROENCAPSULATED PIGMENTS**  
[54] **PIGMENTS MICROENCAPSULES THERMOCHROMIQUES**  
[72] SENGA, KUNIYUKI, JP  
[72] FUJITA, KATSUYUKI, JP  
[71] THE PILOT INK CO., LTD., JP  
[22] 2000-09-13  
[43] 2001-03-17  
[30] JP (11-263391) 1999-09-17  
[30] JP (2000-129591) 2000-04-28

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[21] **2,318,702**  
[13] A1

[51] **Int.Cl. 7C05B 1/02**  
[25] EN  
[54] **FERTILIZER WITH A CHELATE ELEMENT**  
[54] **ENGRAIS AVEC ELEMENT CHELATE**  
[72] NASU, TAMIE, JP  
[72] TAKEDA, IWAO, JP  
[72] HARADA, KAORI, JP  
[72] TAMIYA, HIROSHI, JP  
[71] NASU, TAMIE, JP  
[71] TAKEDA, IWAO, JP  
[71] HARADA, KAORI, JP  
[71] TAMIYA, HIROSHI, JP  
[22] 2000-09-13  
[43] 2001-03-17  
[30] JP (11-263367) 1999-09-17  
[30] JP (11-263368) 1999-09-17

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[21] **2,318,703**  
[13] A1

[51] **Int.Cl. 7E21B 33/14**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR CEMENTING USING ELASTIC PARTICLES**  
[54] **COMPOSITIONS ET METHODES DE CIMENTATION UTILISANT DES PARTICULES ELASTIQUES**  
[72] BRANNON, HAROLD D., US  
[72] STEPHENSON, CHRISTOPHER J., US  
[72] DILLENBECK, ROBERT L., US  
[72] MUELLER, DAN T., US  
[71] BJ SERVICES COMPANY, US  
[22] 2000-09-13  
[43] 2001-03-16  
[30] US (60/154,251) 1999-09-16

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[21] **2,318,704**  
[13] A1

[51] **Int.Cl. 7H04B 7/185 7H04Q 7/36 7H04B 1/66**  
[25] EN  
[54] **DYNAMIC SATELLITE FILTER CONTROLLER FOR LEO SATELLITES**  
[54] **CONTR-LEUR DYNAMIQUE DE FILTRES DE SATELLITE SUR ORBITE TERRESTRE BASSE (LEO)**  
[72] WIEDEMAN, ROBERT A., US  
[72] HIRSHFIELD, EDWARD, US  
[71] GLOBALSTAR L.P., US  
[22] 2000-09-13  
[43] 2001-03-14  
[30] US (09/395,265) 1999-09-14

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[21] **2,318,706**  
[13] A1

[51] **Int.Cl. 7G06T 7/00 7G06F 3/14 7G06F 17/50**  
[25] EN  
[54] **ELECTRONIC DRAWING VIEWER**  
[54] **VISIONNEUSE DE DESSINS ELECTRONIQUES**  
[72] SWEENEY, JOHN, US  
[72] CAMPANELLA, KEVIN, US  
[72] CHIN, RICK, US  
[72] BARAN, ILYA, US  
[71] SOLIDWORKS CORPORATION, US  
[22] 2000-09-13  
[43] 2001-03-13  
[30] US (09/394,824) 1999-09-13

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[21] **2,318,708**  
[13] A1

[51] **Int.Cl. 7H02G 3/08**  
[25] EN  
[54] **ROTATABLE POWER AND DATA CENTER WITH STORAGE AREA**  
[54] **CENTRE D'ALIMENTATION ET DE DONNEES ROTATIF AVEC ZONE DE MEMOIRE**  
[72] BYRNE, NORMAN R., US  
[71] BYRNE, NORMAN R., US  
[22] 2000-09-13  
[43] 2001-03-14  
[30] US (09/395,629) 1999-09-14

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[21] **2,318,709**  
[13] A1

[51] **Int.Cl. 7C01B 17/04 7C10L 3/10 7C07C 7/148**  
[25] EN  
[54] **TREATMENT OF HYDROGEN SULFIDE-CONTAINING GASEOUS COMPOSITIONS**  
[54] **TRAITEMENT DE COMPOSITIONS GAZEUSES CONTENANT DE L'HYDROGENE SULFURE**  
[72] ELIASSON, BALDUR, CH  
[72] KILLER, ERIC, CH  
[72] KOGELSCHATZ, ULRICH, CH  
[71] ABB RESEARCH LTD., CH  
[22] 2000-09-13  
[43] 2001-03-16  
[30] EP (99810824.5) 1999-09-16

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March 11, 2001 - March 17, 2001

[21] **2,318,713**  
[13] A1  
[51] **Int.Cl. 7F16L 3/10 7E21B 47/01 7E21B 17/10**  
[25] EN  
[54] **DEVICE FOR MOUNTING A CABLE AND/OR CONTROL LINES TO A TUBING STRING OR OTHER TUBULAR STRUCTURE**  
[54] **DISPOSITIF DE MONTAGE D'UN CABLE ET/OU DE LIGNES DE CONTROLE DANS UN TUBE DE POMPAGE OU AUTRE STRUCTURE TUBULAIRE**  
[72] SIBIREV, ANATOLY P., RU  
[72] SIBIREV, SERGEY P., RU  
[72] VRUBLEVSKY, ALEXANDR P., RU  
[72] SHUMILIN, VICTOR F., RU  
[72] KOLOSAREV, ANATOLY E., RU  
[72] BELYKH, DMITRY A., RU  
[72] SACHENKO, ANATOLY I., RU  
[71] ZAKRYTOE AKTSIONERNOE OBSHESTVO "M.A.R.S.-TEKHNOLOGIJA", RU  
[22] 2000-09-13  
[43] 2001-03-15  
[30] RU (99119407) 1999-09-15  
[30] RU (2000120424) 2000-08-08

[21] **2,318,715**  
[13] A1  
[51] **Int.Cl. 7F24C 7/00 7F24C 15/00**  
[25] EN  
[54] **MENU DRIVEN CONTROL SYSTEM FOR A COOKING APPLIANCE**  
[54] **SYSTEME DE COMMANDE PILOTE PAR MENUS POUR APPAREIL DE CUISSON**  
[72] KLEESE, PAMELA S., US  
[72] MCKEE, PHILIP M., US  
[72] HARWELL, VIRGINIA L., US  
[72] KENDALL, ANTHONY E., US  
[72] BROWN, JOHN SCOTT, US  
[72] FISHER, SUSAN K., US  
[72] POOL, JAMES K., III, US  
[72] MEANS, JILL L., US  
[72] BARBER, JUDITH D., US  
[72] BALES, MICHAEL E., US  
[71] MAYTAG CORPORATION, US  
[22] 2000-09-13  
[43] 2001-03-13  
[30] US (60/153,225) 1999-09-13

[21] **2,318,716**  
[13] A1  
[51] **Int.Cl. 7F24C 15/32 7F24C 7/00 7F24C 15/00 7F24C 7/02**  
[25] EN  
[54] **OVEN CAVITY CONSTRUCTION**  
[54] **CAVITE DE FOUR**  
[72] JAY, WILLIAM EDWARD, US  
[72] BROWN, JOHN SCOTT, US  
[71] MAYTAG CORPORATION, US  
[22] 2000-09-13  
[43] 2001-03-13  
[30] US (60/153,219) 1999-09-13

[21] **2,318,717**  
[13] A1  
[51] **Int.Cl. 7A01M 1/24**  
[25] EN  
[54] **PEST CONTROL SYSTEM**  
[54] **SYSTEME PESTICIDE**  
[72] JOHNSON, ROGER D., US  
[72] DANLEY, THOMAS T., US  
[71] RUPP INDUSTRIES, INC., US  
[22] 2000-09-13  
[43] 2001-03-14  
[30] US (09/395,125) 1999-09-14

[21] **2,318,719**  
[13] A1  
[51] **Int.Cl. 7A47C 3/20**  
[25] EN  
[54] **CHAIR CONTROL GAS SPRING RETAINER FOR CHAIR HEIGHT REDUCTION**  
[54] **ETRIER DE RESSORT DE REGLAGE AU GAZ DE FAUTEUIL PERMETTANT D'ABAISSE LE FAUTEUIL**  
[72] DAVIS, KEITH L., US  
[71] HON TECHNOLOGY INC., US  
[22] 2000-09-13  
[43] 2001-03-14  
[30] US (09/395,782) 1999-09-14

[21] **2,318,725**  
[13] A1  
[51] **Int.Cl. 7F24C 7/00 7F24C 15/32**  
[25] EN  
[54] **HEATING SYSTEM FOR A COOKING APPLIANCE**  
[54] **SYSTEME DE CHAUFFAGE POUR APPAREIL DE CUISSON**  
[72] BROWN, JOHN SCOTT, US  
[71] MAYTAG CORPORATION, US  
[22] 2000-09-13  
[43] 2001-03-13  
[30] US (60/153,224) 1999-09-13  
[30] US (09/650,417) 2000-08-29

[21] **2,319,293**  
[13] A1  
[51] **Int.Cl. 7B23K 26/02 7B23K 26/04**  
[25] EN  
[54] **HEAVY-DUTY PLATE LASER WITH LINEAR MOTORS FOR X AND Y POSITION CONTROL**  
[54] **LASER DE GRANDE PUISSANCE POUR LE DECOUPAGE DE PLAQUES AVEC MOTEURS LINEAIRES POUR COMMANDE DE LA POSITION EN X ET EN Y**  
[72] SCOTT, WILLIAM B., US  
[72] COLE, IRA E., III, US  
[71] W. A. WHITNEY CO., US  
[22] 2000-09-14  
[43] 2001-03-15  
[30] US (09/396,954) 1999-09-15  
[30] US (09/660,980) 2000-09-13

[21] **2,319,294**  
[13] A1  
[51] **Int.Cl. 7H01R 13/62 7H01R 13/645**  
[25] EN  
[54] **CONNECTOR SYSTEM**  
[54] **SYSTEME DE CONNEXION**  
[72] VANBESIEN, JOHAN, BE  
[71] TYCO ELECTRONICS LOGISTICS AG, CH  
[22] 2000-09-14  
[43] 2001-03-17  
[30] DE (199 44 705.5) 1999-09-17

[21] **2,319,296**  
[13] A1  
[51] **Int.Cl. 7H01R 12/14 7H01R 12/02**  
[25] EN  
[54] **STACKED SMART CARD READER ASSEMBLY**  
[54] **LECTEUR DE CARTE A PUCE SUPERPOSE**  
[72] MCDOWELL, JENNIFER L., US  
[72] MCDOWELL, RONALD W., US  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 2000-09-14  
[43] 2001-03-17  
[30] US (60/154,444) 1999-09-17

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**11 mars 2001 - 17 mars 2001**

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[21] **2,319,297**  
[13] A1

[51] **Int.Cl. 7H01Q 21/00 7H01Q 23/00**  
[25] EN  
[54] **MINIATURE PHASED ARRAY ANTENNA SYSTEM**  
[54] **SYSTEME MINIATURE D'ANTENNE RESEAU ~ COMMANDE DE PHASE**  
[72] BROWN, PETER K., US  
[72] NORGARD, JOHN D., US  
[72] MATINI, AMIR H., US  
[72] BROWN, ALISON K., US  
[71] NAVSYS CORPORATION, US  
[22] 2000-09-14  
[43] 2001-03-14  
[30] US (09/395,550) 1999-09-14

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[21] **2,319,298**  
[13] A1

[51] **Int.Cl. 7H04L 12/46**  
[25] EN  
[54] **METHOD FOR THE EXCHANGE OF DATA BETWEEN TELECOMMUNICATIONS NETWORKS**  
[54] **METHODE D'ECHANGE DE DONNEES ENTRE RESEAUX DE COMMUNICATIONS**  
[72] FIORENTINO, MARCO, IT  
[72] GALLI, ANDREA, IT  
[71] MESSAGENET S.R.L., IT  
[22] 2000-09-14  
[43] 2001-03-15  
[30] IT (MI99A001922) 1999-09-15

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[21] **2,319,300**  
[13] A1

[51] **Int.Cl. 7C09J 111/00 7C09J 107/00 7C09J 175/06**  
[25] EN  
[54] **POLYCHLOROPRENE/DIISOCYANATE ADHESIVE SYSTEM, WHEREIN IN THE CHLOROPRENE RUBBER SOLUTION N-PROPYLBROMIDE IS USED AS A SOLVENT**  
[54] **SYSTEME D'ADHESIF A BASE DE POLYCHLOROPRENE ET DE DIISOCYANATE, LE BROMURE DE N-PROPYLE ETANT UTILISE COMME SOLVANT DANS LA SOLUTION CAOUTCHOUTIQUE DE CHLOROPRENE**  
[72] RAUCH, CHRISTIAN, DE  
[71] STAHLGRUBER OTTO GRUBER GMBH & CO., DE  
[22] 2000-09-14  
[43] 2001-03-15  
[30] DE (199 44 279.7) 1999-09-15

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[21] **2,319,304**  
[13] A1

[51] **Int.Cl. 7B07C 9/00 7B07C 5/04 7G06F 17/60**  
[25] EN  
[54] **METHOD FOR SORTING MAILPIECES**  
[54] **METHODE DE TRI DE PIECES POSTALES**  
[72] MANGIAMELLI, CINDY, US  
[72] MALLOZZI, JOSEPH D., US  
[72] GOTTLIEB, ROBERT K., US  
[71] PITNEY BOWES INC., US  
[22] 2000-09-14  
[43] 2001-03-15  
[30] US (09/396,835) 1999-09-15

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[21] **2,319,405**  
[13] A1

[51] **Int.Cl. 7G06F 3/00 7A63F 13/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING A REAL-TIME PROGRAMMABLE INTERFACE TO A GENERAL-PURPOSE NON-REAL-TIME COMPUTING SYSTEM**  
[54] **SYSTEME ET METHODE DE FOURNITURE D'UNE INTERFACE PROGRAMMABLE EN TEMPS REEL A UN SYSTEME INFORMATIQUE UNIVERSEL EN TEMPS NON REEL**  
[72] JOHNSON, PETER J., US  
[72] BENDALL, ERIC, US  
[71] INNOVATIVE GAMING CORPORATION OF AMERICA, US  
[22] 2000-09-14  
[43] 2001-03-14  
[30] US (09/395,647) 1999-09-14

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[21] **2,319,407**  
[13] A1

[51] **Int.Cl. 7G06F 11/27 7G11B 20/00 7G06F 12/14 7G07F 17/32 7G06F 9/445**  
[25] EN  
[54] **SYSTEM AND METHOD FOR VERIFYING THE CONTENTS OF A MASS STORAGE DEVICE BEFORE GRANTING ACCESS TO COMPUTER READABLE DATA STORED ON THE DEVICE**  
[54] **SYSTEME ET METHODE SERVANT A VERIFIER LE CONTENU D'UN DISPOSITIF DE STOCKAGE DE MASSE AVANT D'AUTORISER L'ACCES A DES DONNEES LISIBLES PAR ORDINATEUR STOCKEES SUR CE DISPOSITIF**  
[72] JOHNSON, PETER J., US  
[72] BENDALL, ERIC, US  
[71] INNOVATIVE GAMING CORPORATION OF AMERICA, US  
[22] 2000-09-14  
[43] 2001-03-14  
[30] US (09/396,821) 1999-09-14

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[21] **2,319,600**  
[13] A1

[51] **Int.Cl. 7G07F 17/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING A COMPARTMENTALIZED GAME INSTRUCTION ARCHITECTURE WITHIN A GAMING MACHINE**  
[54] **METHODE ET APPAREIL FOURNISSANT UNE ARCHITECTURE DE PARTITIONNEMENT D'INSTRUCTIONS DE JEU DANS UN APPAREIL DE JEUX DE HASARD**  
[72] JOHNSON, PETER J., US  
[72] BENDALL, ERIC, US  
[71] INNOVATIVE GAMING CORPORATION OF AMERICA, US  
[22] 2000-09-14  
[43] 2001-03-14  
[30] US (09/396,190) 1999-09-14

Canadian Laid-Open Applications  
March 11, 2001 - March 17, 2001

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[21] **2,319,602**  
[13] A1  
[51] **Int.Cl. 7E21B 33/127**  
[25] EN  
[54] **HYDRAULIC TENSIONING  
DEVICE FOR INFLATABLE PACKER  
ELEMENT**  
[54] **TENDEUR HYDRAULIQUE POUR  
PACKER GONFLABLE**  
[72] CORONADO, MARTIN P., US  
[71] BAKER HUGHES INCORPORATED,  
US  
[22] 2000-09-14  
[43] 2001-03-17  
[30] US (09/398,167) 1999-09-17

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[21] **2,319,607**  
[13] A1  
[51] **Int.Cl. 7F04D 1/06**  
[25] EN  
[54] **A ROTO-DYNAMIC HIGH  
PRESSURE MACHINE**  
[54] **MACHINE CENTRIFUGE HAUTE  
PRESSION**  
[72] ARBEUS, ULF, SE  
[71] ITT MANUFACTURING  
ENTERPRISES, INC., US  
[22] 2000-09-14  
[43] 2001-03-15  
[30] SE (9903278-1) 1999-09-15

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[21] **2,319,610**  
[13] A1  
[51] **Int.Cl. 7B21B 37/28**  
[25] EN  
[54] **UNIVERSAL ROLL CROSSING  
SYSTEM**  
[54] **SYSTEME UNIVERSEL DE  
CROISEMENT PAR ROULEAUX**  
[72] GINZBURG, VLADIMIR B., US  
[71] INTERNATIONAL ROLLING MILL  
CONSULTANTS, INC., US  
[71] DANIELI TECHNOLOGY, INC., US  
[22] 2000-09-14  
[43] 2001-03-15  
[30] US (09/396,304) 1999-09-15

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[21] **2,319,628**  
[13] A1  
[51] **Int.Cl. 7B05B 7/00 7B05C 17/00  
7B05C 21/00 7H05F 3/06**  
[25] EN  
[54] **PAINTER AND METHOD OF  
PAINTING**  
[54] **PISTOLEUR ET METHODE DE  
PEINTURAGE**  
[72] TAKEDA, KOICHI, JP  
[72] MARUYAMA, HARUJI, JP  
[71] TAKEDA, KOICHI, JP  
[71] HIMU ELECTRO CO., LTD., JP  
[22] 2000-09-14  
[43] 2001-03-17  
[30] JP (11-263124) 1999-09-17

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[21] **2,319,631**  
[13] A1  
[51] **Int.Cl. 7B25G 1/08**  
[25] EN  
[54] **A TOOL HANDLE FOR STORING  
BITS**  
[54] **MANCHE D'OUTIL SERVANT AU  
RANGEMENT D'EMBOUTS**  
[72] KOZAK, IRA, US  
[72] KOZAK, BURTON, US  
[71] COMBINED PRODUCTS COMPANY  
#1, INC., US  
[22] 2000-09-14  
[43] 2001-03-15  
[30] US (UNKOWN) 1999-09-15

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[21] **2,319,633**  
[13] A1  
[51] **Int.Cl. 7G01S 7/52 7G01S 15/00  
7G01S 15/06**  
[25] EN  
[54] **IN PLACE CALIBRATION OF  
SONAR RECEIVE ARRAY**  
[54] **ETALONNAGE SUR PLACE DE  
RESEAU DE RECEPTION SONAR**  
[72] SKINNER, COLIN W., US  
[71] L3 COMMUNICATIONS  
CORPORATION, US  
[22] 2000-09-14  
[43] 2001-03-15  
[30] US (09/396,899) 1999-09-15

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[21] **2,319,634**  
[13] A1  
[51] **Int.Cl. 7A63B 59/06**  
[25] EN  
[54] **BALL BAT**  
[54] **BATON A BALLE**  
[72] FRITZKE, MARK A., US  
[72] EGGIMAN, MICHAEL D., US  
[71] WILSON SPORTING GOODS CO., US  
[22] 2000-09-14  
[43] 2001-03-15  
[30] US (09/396,700) 1999-09-15

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[21] **2,319,637**  
[13] A1  
[51] **Int.Cl. 7H01M 2/14**  
[25] EN  
[54] **PROTON-CONDUCTING  
MEMBRANE, METHOD FOR  
PRODUCING THE SAME, AND FUEL  
CELL USING THE SAME**  
[54] **MEMBRANE DE CONDUCTION  
PROTONIQUE, METHODE DE  
FABRICATION DE LADITE  
MEMBRANE ET PILE A  
COMBUSTIBLE UTILISANT UNE  
TELLE MEMBRANE**  
[72] HONMA, ITARU, JP  
[72] SUGIMOTO, TOSHIYA, JP  
[72] NISHIKAWA, OSAMU, JP  
[72] NOMURA, SHIGEKI, JP  
[71] SEKISUI CHEMICAL CO., LTD., JP  
[71] HONMA, ITARU, JP  
[71] THE SECRETARY OF AGENCY OF  
INDUSTRIAL SCIENCE AND  
TECHNOLOGY, JP  
[22] 2000-09-14  
[43] 2001-03-17  
[30] JP (11-264066) 1999-09-17  
[30] JP (2000-38727) 2000-02-16  
[30] JP (2000-249319) 2000-08-21

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[21] **2,319,639**  
[13] A1  
[51] **Int.Cl. 7H04B 3/23 7H04L 12/26**  
[25] EN  
[54] **LOCATING NETWORK ECHOS**  
[54] **LOCALISATION DES ECHOS  
DANS UN RESEAU**  
[72] POPOVIC, MIRJANA, CA  
[72] SCHULZ, DIETER, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-09-14  
[43] 2001-03-14  
[30] GB (9921555.0) 1999-09-14

**Demandes canadiennes mises à la disponibilité du public**

**11 mars 2001 - 17 mars 2001**

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[21] **2,319,671**  
[13] A1

[51] **Int.Cl. 7C09D 11/02 7B41C 1/10 7B41J 2/175**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR LITHOGRAPHY**  
[54] **SYSTEMES ET METHODES LIES AU PROCEDE LITHOGRAPHIQUE**  
[72] GLOSTER, DANIEL F., US  
[71] AMERICAN INK JET CORPORATION, US  
[22] 2000-09-15  
[43] 2001-03-17  
[30] US (60/154,495) 1999-09-17  
[30] US (60/175,014) 2000-01-07

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[21] **2,319,681**  
[13] A1

[51] **Int.Cl. 7A45F 3/16 7A01K 7/00**  
[25] EN  
[54] **COMBINED CONTAINER AND DRINKING VESSEL**  
[54] **COMBINAISON CONTENANT-RECIPIENT A BOIRE**  
[72] FIRSTBROOK, KEITH, GB  
[71] FIRSTBROOK & DOMAN LTD, GB  
[22] 2000-09-15  
[43] 2001-03-16  
[30] GB (9921782.0) 1999-09-16

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[21] **2,319,689**  
[13] A1

[51] **Int.Cl. 7A23L 1/218 7A23L 1/314**  
[25] EN  
[54] **SALTING AGENT FOR FOOD PROCESSING**  
[54] **AGENT DE SALAISON DANS LA TRANSFORMATION DES ALIMENTS**  
[72] NAKAGOSHI, HIROYUKI, JP  
[72] SUSU, YASUYUKI, JP  
[72] SAKAGUCHI, SHOJI, JP  
[71] AJINOMOTO CO., INC., JP  
[22] 2000-09-15  
[43] 2001-03-17  
[30] JP (263479/1999) 1999-09-17

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[21] **2,319,702**  
[13] A1

[51] **Int.Cl. 7C04B 35/80 7C03C 10/00 7C04B 35/596**  
[25] EN  
[54] **FIBER-BUNDLE-REINFORCED COMPOSITE MATERIAL HAVING A CERAMIC MATRIX**  
[54] **MATERIAU COMPOSITE RENFORCE DE TOUFFES DE FIBRES ET POSSEDANT UNE MATRICE CERAMIQUE**  
[72] GRUBER, UDO, DE  
[72] HEINE, MICHAEL, DE  
[72] KIENZLE, ANDREAS, DE  
[71] SGL TECHNIK GMBH, DE  
[22] 2000-09-15  
[43] 2001-03-16  
[30] DE (199 44 345.9) 1999-09-16

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[21] **2,319,718**  
[13] A1

[51] **Int.Cl. 7G06F 11/36**  
[25] EN  
[54] **METHOD AND SYSTEM FOR TESTING BEHAVIOUR OF PROCEDURES**  
[54] **METHODE ET SYSTEME DE MISE A L'ESSAI DE PROCEDURES**  
[72] PETRENKO, ALEXANDRE K., RU  
[72] BURDONOV, IGOR B., RU  
[72] KOSSATCHEV, ALEXANDRE S., RU  
[72] BARANCEV, ALEXEI V., RU  
[72] GALTER, DMITRI, RU  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-15  
[43] 2001-03-17  
[30] WO (PCT/RU99/00340) 1999-09-17

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[21] **2,319,719**  
[13] A1

[51] **Int.Cl. 7G06F 11/36 7G06F 9/45**  
[25] EN  
[54] **COMPILER AND METHOD FOR COMPILING SPECIFICATION LANGUAGE INTO IMPLEMENTATION LANGUAGE**  
[54] **COMPILATEUR ET METHODE POUR COMPILER LE LANGAGE DE SPECIFICATION EN LANGAGE DE MISE EN APPLICATION**  
[72] SUMAR, HARRY M., RU  
[72] GALTER, DMITRI, RU  
[72] PETRENKO, ALEXANDRE K., RU  
[72] KOSSATCHEV, ALEXANDRE S., RU  
[72] BURDONOV, IGOR B., RU  
[72] DEMAKOV, ALEXEI V., RU  
[72] MAXIMOV, ANDREI V., RU  
[72] SAZANOV, JURI L., RU  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-15  
[43] 2001-03-17  
[30] WO (PCT/RU99/00340) 1999-09-17

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[21] **2,319,721**  
[13] A1

[51] **Int.Cl. 7G06F 11/36 7G06F 11/28**  
[25] EN  
[54] **METHOD AND SYSTEM FOR FORMING SKELETONS FOR GENERATING VERIFICATION SYSTEMS**  
[54] **METHODE ET SYSTEME DE CREATION DE MODELES VISANT LA GENERATION DE SYSTEMES DE VERIFICATION**  
[72] BURDONOV, IGOR B., RU  
[72] SUMAR, HARRY M., RU  
[72] DEMAKOV, ALEXEI V., RU  
[72] BARANCEV, ALEXEI V., RU  
[72] PETRENKO, ALEXANDRE K., RU  
[72] KOSSATCHEV, ALEXANDRE S., RU  
[72] GALTER, DMITRI, RU  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-15  
[43] 2001-03-17  
[30] WO (PCT/RU99/00340) 1999-09-17

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March 11, 2001 - March 17, 2001

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[21] **2,319,725**  
[13] A1

[51] **Int.Cl. 7G06F 11/36**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DESCRIBING PREDICATES IN DISJUNCTS IN PROCEDURES FOR TEST COVERAGE ESTIMATION**  
[54] **METHODE ET SYSTEME DE DESCRIPTION DE PREDICATS DISJOINTS DANS DES PROCEDURES VISANT A ESTIMER L'ETENDUE DES ESSAIS**  
[72] GALTER, DMITRI, RU  
[72] BURDONOV, IGOR B., RU  
[72] KOSSATCHEV, ALEXANDRE S., RU  
[72] PETRENKO, ALEXANDRE K., RU  
[72] MAXIMOV, ANDREI V., RU  
[72] SUMAR, HARRY M., RU  
[72] SAZANOV, JURI L., RU  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-15  
[43] 2001-03-17  
[30] WO (PCT/RU99/00340) 1999-09-17

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[21] **2,319,863**  
[13] A1

[51] **Int.Cl. 7H04L 9/32 7H04L 12/24 7G06F 9/445 7G06F 17/60**  
[25] EN  
[54] **POLICY REPRESENTATIONS AND MECHANISMS FOR THE CONTROL OF SOFTWARE**  
[54] **REPRESENTATIONS DE POLITIQUES ET MECANISMES DE CONTROLE DE LOGICIELS**  
[72] GUENNOUN, MOUHCINE, CA  
[72] GRAY, TOM, CA  
[72] KARMOUCH, AHMED, CA  
[72] MANKOVSKII, SERGE, CA  
[71] MITEL CORPORATION, CA  
[71] UNIVERSITY OF OTTAWA, CA  
[22] 2000-09-15  
[43] 2001-03-17  
[30] GB (9922096.4) 1999-09-17

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[21] **2,319,864**  
[13] A1

[51] **Int.Cl. 7B62D 7/00 7B60D 1/32**  
[25] EN  
[54] **SIDE STRUT FOR A LOWER STEERING ARM OF A TRACTOR**  
[54] **CONTREFICHE LATERALE DU LEVIER DE DIRECTION INFERIEUR D'UN TRACTEUR**  
[72] VOLLMER, JURGEN, DE  
[72] WAGNER, GUNTER, DE  
[71] GKN WALTERSCHEID GMBH, DE  
[22] 2000-09-15  
[43] 2001-03-17  
[30] DE (19944749.7) 1999-09-17

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[21] **2,319,867**  
[13] A1

[51] **Int.Cl. 7H01L 21/203 7H01S 5/323**  
[25] EN  
[54] **SEMICONDUCTOR LASER DEVICE**  
[54] **DISPOSITIF LASER A SEMICONDUCTEUR**  
[72] KAYA, SHUSUKE, JP  
[72] UCHIYAMA, SEIJI, JP  
[72] OKUBO, MICHIO, JP  
[72] NINOMIYA, TAKAO, JP  
[71] THE FURUKAWA ELECTRIC CO., LTD., JP  
[22] 2000-09-15  
[43] 2001-03-16  
[30] JP (11-261639) 1999-09-16

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[21] **2,319,868**  
[13] A1

[51] **Int.Cl. 7H02K 24/00**  
[25] EN  
[54] **SWITCHED RELUCTANCE POSITION SENSING**  
[54] **CAPTAGE DE POSITION D'UN ROTOR DANS UN MOTEUR SRM**  
[72] BRANECKY, BRIAN T., US  
[71] A.O. SMITH CORPORATION, US  
[22] 2000-09-15  
[43] 2001-03-16  
[30] US (09/397,547) 1999-09-16

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[21] **2,319,875**  
[13] A1

[51] **Int.Cl. 7B62D 7/00 7B60D 1/32**  
[25] EN  
[54] **SIDE STRUT FOR A LOWER STEERING ARM OF A TRACTOR**  
[54] **CONTREFICHE LATERALE DU LEVIER DE DIRECTION INFERIEUR D'UN TRACTEUR**  
[72] COENEN, HERBERT, DE  
[71] GKN WALTERSCHEID GMBH, DE  
[22] 2000-09-15  
[43] 2001-03-17  
[30] DE (19944748.9) 1999-09-17

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[21] **2,319,879**  
[13] A1

[51] **Int.Cl. 7B07C 3/12 7B65G 47/48**  
[25] EN  
[54] **COUNT AND SORT SYSTEM AND METHODS**  
[54] **SYSTEME ET METHODES DE DENOMBREMENT ET DE TRI**  
[72] KOTEK, JAMES F., US  
[72] SNYDER, MARIA, US  
[72] DAVIS, STANLEY, US  
[72] HOLT, ROBIN, US  
[72] JOHNSON, JERRY, US  
[71] AMERIPRIDE SERVICES INC., US  
[22] 2000-09-15  
[43] 2001-03-16  
[30] US (09/397,989) 1999-09-16

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[21] **2,319,880**  
[13] A1

[51] **Int.Cl. 7G02F 1/00 7G02B 27/10**  
[25] EN  
[54] **LASER BEAM ADJUSTMENT**  
[54] **REGLAGE D'UN RAYON LASER**  
[72] HOLLANDER, MILTON BERNARD, US  
[71] HOLLANDER, MILTON BERNARD, US  
[22] 2000-09-15  
[43] 2001-03-17  
[30] US (60/154,591) 1999-09-17  
[30] US (60/185,385) 2000-02-28  
[30] US (60/187,400) 2000-03-07  
[30] US (60/198,384) 2000-04-19

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[21] **2,319,883**  
[13] A1

[51] **Int.Cl. 7G01N 21/75**  
[25] EN  
[54] **APPARATUS FOR LASER FLASH PHOTOLYSIS**  
[54] **APPAREIL DE PHOTOLYSE PAR FLASH LASER**  
[72] CHARETTE, GERRY, CA  
[72] SCAIANO, JUAN C., CA  
[72] SIMARD, ANDRE, CA  
[71] UNIVERSITY OF OTTAWA, CA  
[22] 2000-09-15  
[43] 2001-03-16  
[30] GB (9921972.7) 1999-09-16

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[21] **2,319,885**  
[13] A1

[51] **Int.Cl. 7A01K 13/00 7A01K 29/00**  
[25] EN  
[54] **GARMENT FOR MINIMIZING THE DISTRIBUTION OF DOMESTIC PET HAIR**  
[54] **VETEMENT POUR REDUIRE AU MINIMUM LA DISTRIBUTION DE POILS D'ANIMAUX DE COMPAGNIE**  
[72] ROSS, SUSAN E., CA  
[72] MCGEE, EILEEN, CA  
[71] ROSS, SUSAN E., CA  
[71] MCGEE, EILEEN, CA  
[22] 2000-09-15  
[43] 2001-03-16  
[30] CA (2,282,216) 1999-09-16

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[21] **2,319,910**  
[13] A1

[51] **Int.Cl. 7B65G 57/32 7B65G 47/22**  
[25] EN  
[54] **METHOD AND DEVICE FOR FEEDING FLAT ITEMS TO INDIVIDUALIZATION**  
[54] **METHODE ET DISPOSITIF D'ALIMENTATION D'ARTICLES PLATS DESTINES AU PROCESSUS D'INDIVIDUALISATION**  
[72] FURTER, FRANK, CH  
[71] FERAG AG, CH  
[22] 2000-09-15  
[43] 2001-03-16  
[30] CH (01 702/99) 1999-09-16

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[21] **2,319,920**  
[13] A1

[51] **Int.Cl. 7A61K 7/11 7A61K 7/06**  
[25] FR  
[54] **COMPOSITION COSMETIQUE COMPRENANT AU MOINS UN COPOLYMERE SILICONE/ACRYLATE ET AU MOINS UN AGENT EPAISSISSANT**  
[54] **A COSMETIC COMPOSITION HAVING AT LEAST ONE SILICONE/ACRYLATE COPOLYMER AND AT LEAST ONE THICKENING AGENT**  
[72] DUPUIS, CHRISTINE, FR  
[71] L'OREAL, FR  
[22] 2000-09-14  
[43] 2001-03-16  
[30] FR (99 11 598) 1999-09-16

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[21] **2,319,922**  
[13] A1

[51] **Int.Cl. 7H04N 17/00 7H04N 7/16**  
[25] FR  
[54] **PROCEDE D'ANALYSE D'UNE LIAISON ENTRE UN DECODEUR D'UN TELEVISEUR ET UN SERVEUR, DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE**  
[54] **ANALYSIS PROCESS OF A LINK BETWEEN A TELEVISION DECODER AND A SERVER, AND IMPLEMENTATION DEVICE OF THIS PROCESS**  
[72] DEMARCHI, STEPHANE, FR  
[72] LAROCHE, NICOLAS, FR  
[71] SAGEM SA, FR  
[22] 2000-09-14  
[43] 2001-03-16  
[30] FR (99 11568) 1999-09-16

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[21] **2,319,926**  
[13] A1

[51] **Int.Cl. 7F16L 15/00**  
[25] EN  
[54] **HIGH-RESISTANCE THREADED JOINT**  
[54] **JOINT FILETE A HAUTE RESISTANCE**  
[72] CARCAGNO, GABRIEL, ZZ  
[71] SIDERCA S.A.I.C., AR  
[22] 2000-09-14  
[43] 2001-03-16  
[30] AR (P99 01 04647) 1999-09-16

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[21] **2,319,929**  
[13] A1

[51] **Int.Cl. 7A61K 7/11 7A61K 7/06**  
[25] FR  
[54] **COMPOSITION COSMETIQUE COMPRENANT AU MOINS UN COPOLYMERE SILICONE/ACRYLATE ET AU MOINS UN AGENT DE CONDITIONNEMENT**  
[54] **A COSMETIC COMPOSITION HAVING AT LEAST ONE SILICONE/ACRYLATE COPOLYMER AND AT LEAST ONE CONDITIONER**  
[72] DUPUIS, CHRISTINE, FR  
[71] L'OREAL, FR  
[22] 2000-09-14  
[43] 2001-03-16  
[30] FR (99 11 590) 1999-09-16

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[21] **2,319,930**  
[13] A1

[51] **Int.Cl. 7A61K 7/11 7A61K 7/06 7A61K 7/40**  
[25] FR  
[54] **COMPOSITION COSMETIQUE COMPRENANT AU MOINS UN COPOLYMERE SILICONE/ACRYLATE ET AU MOINS UN AGENT PHOTOPROTECTEUR**  
[54] **A COSMETIC COMPOSITION HAVING AT LEAST ONE SILICONE/ACRYLATE COPOLYMER AND AT LEAST ONE PHOTOPROTECTANT**  
[72] DUPUIS, CHRISTINE, FR  
[71] L'OREAL, FR  
[22] 2000-09-14  
[43] 2001-03-16  
[30] FR (99 11 593) 1999-09-16

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[21] **2,319,931**  
[13] A1

[51] **Int.Cl. 7A61K 7/11 7A61K 7/02 7A61K 7/06**  
[25] FR  
[54] **COMPOSITION COSMETIQUE COMPRENANT AU MOINS UN COPOLYMERE SILICONE/ACRYLATE ET AU MOINS UN POLYMERE NON IONIQUE A MOTIF VINYL LACTAME**  
[54] **A COSMETIC COMPOSITION HAVING AT LEAST ONE SILICONE/ACRYLATE COPOLYMER AND AT LEAST ONE NON-IONIC POLYMER WITH A LACTAM VINYL DESIGN**  
[72] DUPUIS, CHRISTINE, FR  
[71] L'OREAL, FR  
[22] 2000-09-14  
[43] 2001-03-16  
[30] FR (99 11 591) 1999-09-16

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[21] **2,319,945**  
[13] A1

[51] **Int.Cl. 7B41F 31/20 7B41F 5/24**  
[25] EN  
[54] **APPARATUS AND SYSTEM FOR COLLECTING RESIDUAL MATERIALS DISPERSED DURING IMAGING OF FLEXOGRAPHIC PRINTING PLATES**  
[54] **APPAREIL ET SYSTEME DE COLLECTE DE MATERIAUX RESIDUELS DISPERSES DURANT L'IMAGERIE PAR CLICHES FLEXOGRAPHIQUES**  
[72] PILOSSOF, NISSIM, IL  
[72] KAMIR, YOSEF, IL  
[72] ESHED, DAVID, IL  
[71] CREOSCITEX CORPORATION LTD., IL  
[22] 2000-09-13  
[43] 2001-03-14  
[30] US (60/153,670) 1999-09-14

[21] **2,319,947**  
[13] A1

[51] **Int.Cl. 7A61K 7/11 7A61K 7/02 7A61K 7/06**  
[25] FR  
[54] **DISPOSITIF AEROSOL CONTENANT UNE COMPOSITION CAPILLAIRE COMPRENANT AU MOINS UN COPOLYMERE SILICONE/ACRYLATE**  
[54] **AEROSOL DEVICE CONTAINING A CAPILLARY COMPOSITION WITH AT LEAST ONE SILICONE/ACRYLATE COPOLYMER**  
[72] DUPUIS, CHRISTINE, FR  
[71] L'OREAL, FR  
[22] 2000-09-14  
[43] 2001-03-16  
[30] FR (99 11 595) 1999-09-16

[21] **2,319,954**  
[13] A1

[51] **Int.Cl. 7E04H 4/12 7A47K 3/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CIRCULATING WATER IN A SPA**  
[54] **METHODE ET APPAREIL DE CIRCULATION DE L'EAU D'UN SPA**  
[72] BONIOR, DAVID, CA  
[71] 513004 B.C. LTD., CA  
[22] 2000-09-18  
[43] 2001-03-16  
[30] US (09/397,485) 1999-09-16

[21] **2,319,959**  
[13] A1

[51] **Int.Cl. 7A61K 7/11 7A61K 7/02 7A61K 7/06**  
[25] FR  
[54] **COMPOSITION COSMETIQUE COMPRENANT AU MOINS UN COPOLYMERE SILICONE/ACRYLATE ET AU MOINS UN POLYMERE SILICONE GREFFE**  
[54] **A COSMETIC COMPOSITION HAVING AT LEAST ONE SILICONE/ACRYLATE COPOLYMER AND AT LEAST ONE GRAFT SILICONE POLYMER**  
[72] DUPUIS, CHRISTINE, FR  
[71] L'OREAL, FR  
[22] 2000-09-15  
[43] 2001-03-16  
[30] FR (99 11 596) 1999-09-16

[21] **2,319,960**  
[13] A1

[51] **Int.Cl. 7B67D 3/02 7A45D 34/04 7A47K 5/12**  
[25] FR  
[54] **DISPOSITIF DE DISTRIBUTION DESTINE A EQUIPER UN RECIPIENT**  
[54] **DISTRIBUTION DEVICE INTENDED TO FIT A CONTAINER**  
[72] BONNINGUE, PHILIPPE, FR  
[71] L'OREAL, FR  
[22] 2000-09-15  
[43] 2001-03-16  
[30] FR (99 11 581) 1999-09-16

[21] **2,320,582**  
[13] A1

[51] **Int.Cl. 7F24F 13/20 7F24F 7/007**  
[25] EN  
[54] **ROOM VENTILATOR INLET**  
[54] **OUIE D'ENTREE D'UN VENTILATEUR DE L'AIR AMBIANT**  
[72] SMITH, JAMES NORMAN, CA  
[71] SMITH, JAMES NORMAN, CA  
[22] 2000-09-15  
[43] 2001-03-17  
[30] US (09/397,878) 1999-09-17

[21] **2,322,307**  
[13] A1

[51] **Int.Cl. 7C03C 25/52**  
[25] EN  
[54] **NOBLE METAL INTERFERENCE FILTER FOR THERMAL PANE**  
[54] **FILTRE ANTIBROUILLAGE EN METAL PRECIEUX POUR PANNEAU FENETRE ISOLANT**  
[72] SCHIELD, KEVIN, US  
[72] SCHIELD, EDWARD L., US  
[71] WEATHER SHIELD MFG., INC., US  
[22] 2000-10-04  
[43] 2001-03-12  
[30] US (09/425,793) 1999-10-22

[21] **2,327,232**  
[13] A1

[51] **Int.Cl. 7G06F 3/14 7H04L 12/16**  
[25] EN  
[54] **MEMO BOARD ORGANIZER AND GRAPHICAL USER INTERFACE FOR SHOWING USER PRESENCE INFORMATION**  
[54] **AGENDA ELECTRONIQUE ET INTERFACE UTILISATEUR GRAPHIQUE DONNANT DE L'INFORMATION SUR LA PRESENCE DE L'UTILISATEUR**  
[72] DUFOUR, DANIEL, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[22] 2000-11-27  
[43] 2001-03-12

[21] **2,327,753**  
[13] A1

[51] **Int.Cl. 7A41C 3/00**  
[25] EN  
[54] **BREAST CANCER TREATMENT SUPPORT BRA**  
[54] **SOUTIEN-GORGE DE TRAITEMENT DU CANCER DU SEIN**  
[72] NYILAS, CINDY, CA  
[71] NYILAS, CINDY, CA  
[22] 2001-01-04  
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[13] A1

[51] Int.Cl. 6G06F 3/00  
[25] EN  
[54] MICR LINE DECODING LOGIC SYSTEM  
[54] SYSTEME A LOGIQUE DE DECODAGE DE LIGNE MICR  
[72] HALL, ROBERT G., JR., US  
[72] FORST, JON K., US  
[71] FIRST USA BANK, N.A., US  
[85] 2000-09-22  
[86] 1999-03-25 (PCT/US99/06497)  
[87] 1999-09-30 (WO99/49384)  
[30] US (09/047,451) 1998-03-25

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[21] **2,327,549**  
[13] A1

[51] Int.Cl. 7C12N 15/12 7A61K 39/00 7A61P 35/00 7A61K 38/17 7C07K 14/435 7C12N 15/63 7C12N 15/85  
[25] EN  
[54] PEPTIDES  
[54] PEPTIDES  
[72] GAUDERNACK, GUSTAV, NO  
[72] SAETERDAL, INGVIL, NO  
[72] GJERTSEN, MARIANNE KLEMP, NO  
[72] MOLLER, MONA, NO  
[72] ERIKSEN, JON AMUND, NO  
[71] NORSK HYDRO ASA, NO  
[85] 2000-11-07  
[86] 1999-05-03 (PCT/NO99/00143)  
[87] 1999-11-18 (WO99/58552)  
[30] NO (19982097) 1998-05-08

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[21] **2,329,061**  
[13] A1

[51] Int.Cl. 7C12N 15/10 7C12P 19/34 7C12Q 1/68  
[25] EN  
[54] METHODS FOR EXOGENOUS INTERNAL CONTROLS DURING NUCLEIC ACID AMPLIFICATION  
[54] PROCEDE DE CONTROLE EXOGENE INTERNE PENDANT L'AMPLIFICATION DE L'ACIDE NUCLEIQUE  
[72] AOYAGI, KAZUKO, US  
[72] LIVAK, KENNETH J., US  
[71] THE PERKIN-ELMER CORPORATION, US  
[85] 2000-11-24  
[86] 1999-03-27 (PCT/US99/06978)  
[87] 2000-09-27 ()

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[21] **2,329,302**  
[13] A1

[51] Int.Cl. 6A61K 39/00 6C07K 14/00 6C07K 1/107  
[25] EN  
[54] MODIFICATIONS OF ANTIGENS BY THE INTRODUCTION OF ALDEHYDE GROUPS AND THEIR USE IN ENHANCING THE IMMUNE RESPONSE  
[54] MODIFICATION D'ANTIGENES PAR INTRODUCTION DE GROUPES ALDEHYDE ET LEUR UTILISATION AFIN D'AMPLIFIER UNE REACTION IMMUNE  
[72] ALLISON, MICHAEL, GB  
[72] FEARON, DOUGLAS THOMAS, GB  
[71] CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED, GB  
[85] 2000-10-19  
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[87] 1999-10-28 (WO99/53946)  
[30] GB (9808485.8) 1998-04-21

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[21] **2,330,241**  
[13] A1

[51] Int.Cl. 6C12N 15/40 6A61K 48/00 6C12N 7/04 6C12Q 1/70 6A61K 35/76  
[25] EN  
[54] ATTENUATED PESTIVIRUSES  
[54] PESTIVIRUS ATTENUES  
[72] MEYERS, GREGOR, DE  
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE  
[85] 2000-12-04  
[86] 1999-05-26 (PCT/EP99/03642)  
[87] 1999-12-16 (WO99/64604)  
[30] EP (98110356.7) 1998-06-05

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[21] **2,330,249**  
[13] A1

[51] Int.Cl. 6A61K 39/00 6A61K 38/00  
[25] EN  
[54] ARTIFICIAL T HELPER CELL EPITOPES AS IMMUNE STIMULATORS FOR SYNTHETIC PEPTIDE IMMUNOGENS INCLUDING IMMUNOGENIC LHRH PEPTIDES  
[54] EPITOPES ARTIFICIELS DE LYMPHOCYTES T AUXILIAIRES COMME STIMULATEURS IMMUNITAIRES POUR IMMUNOGENES SYNTHETIQUES DE PEPTIDES COMPRENANT DES PEPTIDES D'HORMONE DE LIBERATION DE LA LUTEOSTIMULINE (LH-RH) IMMUNOGENIQUES  
[72] WANG, CHANG YI, US  
[71] UNITED BIOMEDICAL, INC., US  
[85] 2000-12-11  
[86] 1999-06-21 (PCT/US99/13960)  
[87] 1999-12-29 (WO99/66952)  
[30] US (09/100,414) 1998-06-20

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[13] A1

[51] **Int.Cl. 6C12N 15/10 6C12P 17/18 6C12N 1/21 6C12N 15/52 6C12P 19/62 6C12N 15/70 6C12N 15/76**

[25] EN

[54] **METHODS FOR TRANSFERRING THE CAPABILITY TO PRODUCE A NATURAL PRODUCT INTO A SUITABLE PRODUCTION HOST**

[54] **PROCEDES DE TRANSFERT DE LA CAPACITE DE PRODUCTION D'UN PRODUIT NATUREL DANS UN HOTE DE PRODUCTION APPROPRIE**

[72] PUGLIA, ANNA MARIA, IT

[72] CAPPELLANO, CARMELA, FR

[72] GIUSINO, FRANCESCO, IT

[72] SOSIO, MARGHERITA, IT

[72] DONADIO, STEFANO, IT

[71] BIOSEARCH ITALIA S.P.A., IT

[85] 2000-12-13

[86] 1999-06-14 (PCT/EP99/04079)

[87] 1999-12-29 (WO99/67374)

[30] EP (98111506.6) 1998-06-23

[30] EP (99107554.0) 1999-04-15

[21] **2,330,544**  
[13] A1

[51] **Int.Cl. 6C12N 15/54 6C12N 9/12 6A61K 38/17 6C07K 16/40 6G01N 33/50**

[25] EN

[54] **A NOVEL GENE AND METHOD OF TREATING A GRAM NEGATIVE BACTERIAL INFECTION**

[54] **NOUVEAU GENE ET PROCEDE DE TRAITEMENT D'UNE INFECTION BACTERIENNE GRAM NEGATIF**

[72] YETHON, JEREMY A., CA

[72] HEINRICHS, DAVID E., CA

[72] WHITFIELD, CHRIS, CA

[71] UNIVERSITY OF GUELPH, CA

[85] 2000-12-12

[86] 1999-06-11 (PCT/CA99/00545)

[87] 1999-12-23 (WO99/66049)

[30] US (60/089,189) 1998-06-12

[30] US (60/096,026) 1998-08-10

[21] **2,330,546**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/50 7C12Q 1/68**

[25] EN

[54] **IMMUNE SYSTEM MOLECULES**  
[54] **MOLECULES DU SYSTEME IMMUNITAIRE**

[72] TANG, Y. TOM, US

[72] LAL, PREETI, US

[72] GORGONE, GINA, US

[72] PATTERSON, CHANDRA, US

[72] BAUGHN, MARIAH R., US

[72] GUEGLER, KARL J., US

[72] CORLEY, NEIL C., US

[71] INCYTE PHARMACEUTICALS, INC., US

[85] 2000-12-12

[86] 1999-06-21 (PCT/US99/13995)

[87] 2000-01-06 (WO00/00608)

[30] US (09/107,223) 1998-06-30

[21] **2,330,548**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12P 21/02 6C12N 5/10 6C07K 14/47 6C12N 15/63**

[25] EN

[54] **PEPTIDES HAVING NUCLEAR TRANSPORT ACTIVITY**

[54] **PEPTIDES A ACTIVITE DE TRANSPORT DU NOYAU**

[72] UEKI, NOBUHIDE, JP

[72] YANO, KAZUHIRO, JP

[71] HELIX RESEARCH INSTITUTE, JP

[85] 2000-12-04

[86] 1999-06-04 (PCT/JP99/03015)

[87] 1999-12-16 (WO99/64455)

[30] JP (10/174065) 1998-06-05

[30] JP (11/107262) 1999-04-14

[21] **2,330,549**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 5/04 6A01H 5/10**

[25] EN

[54] **DIACYLGLYCEROL O-ACYLTRANSFERASE**

[54] **DIACYLGLYCEROL O-ACYLTRANSFERASE**

[72] ERICKSON, SANDRA K., US

[72] CASES, SYLVAIN, US

[72] SMITH, STEVEN, US

[72] FARESE, ROBERT V., JR., US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2000-12-13

[86] 1998-08-28 (PCT/US98/17883)

[87] 1999-12-29 (WO99/67403)

[30] US (09/103,754) 1998-06-24

[21] **2,330,937**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12M 1/00 6C12N 11/00 6C07H 21/04 6G01N 33/53**

[25] EN

[54] **NUCLEIC ACID-COUPLED COLORIMETRIC ANALYTE DETECTORS**

[54] **DETECTEURS**

[54] **COLORIMETRIQUES DE SUBSTANCES A ANALYSER COUPLES A DES ACIDES NUCLEIQUES**

[72] CHARYCH, DEBORAH H., US

[72] JONAS, ULRICH, ZZ

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2000-12-12

[86] 1999-06-22 (PCT/US99/14029)

[87] 1999-12-29 (WO99/67423)

[30] US (60/090,266) 1998-06-22

[30] US (09/337,973) 1999-06-21

[21] **2,330,938**  
[13] A1

[51] **Int.Cl. 6C12N 15/29 6C12N 9/02 6C12N 5/10 6C12N 15/82**

[25] EN

[54] **GIBBERELIN 2-OXIDASE**

[54] **ENZYME**

[72] PHILLIPS, ANDREW LEONARD, GB

[72] HEDDEN, PETER, GB

[72] THOMAS, STEPHEN GREGORY, GB

[71] THE UNIVERSITY OF BRISTOL, GB

[85] 2000-12-04

[86] 1999-06-11 (PCT/GB99/01857)

[87] 1999-12-23 (WO99/66029)

[30] GB (9812821.8) 1998-06-12

[30] GB (9815404.0) 1998-07-15

[21] **2,330,939**  
[13] A1

[51] **Int.Cl. 6C07K 19/00 6A61K 38/17 6C12N 15/62 6C07K 14/71 6C12N 15/85**

[25] EN

[54] **VARIANT TYPE II TGF-BETA RECEPTOR FUSION PROTEINS AND METHODS**

[54] **PROTEINES DE FUSION D'UN VARIANT DU RECEPTEUR DU TYPE II DU TGF-BETA ET LEURS METHODES D'UTILISATION**

[72] SANICOLA-NADEL, MICHELLE, US

[72] CATE, RICHARD, US

[72] KOTELIANSKY, VICTOR, US

[72] GOTWALS, PHILIP, US

[71] BIOGEN, INC., US

[85] 2000-12-15

[86] 1999-06-16 (PCT/US99/13629)

[87] 1999-12-23 (WO99/65948)

[30] US (60/089,452) 1998-06-16

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[13] A1

[51] **Int.Cl. 6C12P 19/00 6C12N 5/00 6C12N 5/04 6C12P 17/04 6C12N 1/12 6C12N 1/20**  
[25] EN  
[54] **VITAMIN C PRODUCTION IN MICROORGANISMS AND PLANTS**  
[54] **PRODUCTION DE VITAMINE C DANS DES MICRO-ORGANISMES ET DES PLANTES**  
[72] BURLINGAME, RICHARD P., US  
[72] RUNNING, JEFFREY A., US  
[72] SEVERSON, DAVID K., US  
[72] BERRY, ALAN, US  
[71] DVC, INC. DOING BUSINESS AS BIO-TECHNICAL RESOURCES, US  
[85] 2000-12-08  
[86] 1999-05-26 (PCT/US99/11576)  
[87] 1999-12-16 (WO99/64618)  
[30] US (60/088,549) 1998-06-08  
[30] US (60/125,073) 1999-03-17  
[30] US (60/125,054) 1999-03-18

[21] **2,331,329**  
[13] A1

[51] **Int.Cl. 7C12N 9/10 7C12N 15/82**  
[25] EN  
[54] **DIACYLGLYCEROL ACYL TRANSFERASE PROTEINS**  
[54] **PROTEINES DE DIACYLGLYCEROL ACYL TRANSFERASE**  
[72] HAWKINS, DEBORAH, US  
[72] THOMPSON, GREGORY A., US  
[72] LARDIZABAL, KATHRYN DENNIS, US  
[71] CALGENE LLC, US  
[85] 2000-12-21  
[86] 1999-06-30 (PCT/US99/15243)  
[87] 2000-01-13 (WO00/01713)  
[30] US (60/091,631) 1998-07-02  
[30] US (60/130,829) 1999-04-23

[21] **2,331,330**  
[13] A1

[51] **Int.Cl. 6C07K 2/00 6C07K 14/00 6C12P 21/06**  
[25] EN  
[54] **NON-ENZYMATIC CHEMICAL AMIDATION PROCESS**  
[54] **PROCEDE D'AMIDATION CHIMIQUE NON ENZYMATIQUE**  
[72] JONES, STEPHEN R., US  
[72] NOECKER, LINCOLN A., US  
[72] FEIBUSH, BINYAMIN, US  
[71] MAGAININ PHARMACEUTICALS, INC., US  
[85] 2000-12-12  
[86] 1999-06-17 (PCT/US99/13626)  
[87] 1999-12-23 (WO99/65931)  
[30] US (60/089,635) 1998-06-17

[21] **2,331,333**  
[13] A1

[51] **Int.Cl. 6C12N 15/11 6C07H 21/00 6C07H 19/09 6C07H 19/19 6A61K 31/70**  
[25] EN  
[54] **ANTISENSE OLIGONUCLEOTIDE CONSTRUCTS BASED ON .BETA.-ARABINOFURANOSE AND ITS ANALOGUES**  
[54] **CONSTRUCTIONS OLIGONUCLEOTIDES ANTISENSE A BASE DE .BETA.-ARABINOFURANOSE ET DE SES ANALOGUES**  
[72] WILDS, CHRISTOPHER, CA  
[72] DAMHA, MASSAD JOSE, CA  
[72] PARNIAK, MICHAEL A., CA  
[72] NORONHA, ANNE M., CA  
[72] ARION, DOMINIQUE, CA  
[72] BORKOW, GADI, IL  
[71] MCGILL UNIVERSITY, CA  
[85] 2000-12-19  
[86] 1999-06-17 (PCT/CA99/00571)  
[87] 1999-12-29 (WO99/67378)  
[30] CA (2,241,361) 1998-06-19

[21] **2,331,338**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04**  
[25] EN  
[54] **PLANT MICROSATELLITE MARKERS AND METHODS FOR THEIR USE**  
[54] **MARQUEURS MICROSATELLITES VEGETAUX ET TECHNIQUES D'UTILISATION**  
[72] HAVUKKALA, ILKKA JAAKKO, NZ  
[72] BLOKSBERG, LEONARD NATHAN, NZ  
[72] GLENN, MATTHEW, NZ  
[71] GENESIS RESEARCH & DEVELOPMENT CORPORATION LIMITED, NZ  
[71] FLETCHER CHALLENGE FORESTS LIMITED, NZ  
[85] 2000-12-20  
[86] 1999-06-25 (PCT/NZ99/00092)  
[87] 1999-12-29 (WO99/67421)  
[30] US (09/105,307) 1998-06-25

[21] **2,331,340**  
[13] A1

[51] **Int.Cl. 6C12N 9/34**  
[25] EN  
[54] **GLUCOAMYLASE VARIANTS**  
[54] **VARIANTS DE GLUCOAMYLASE**  
[72] HENDRIKSEN, HANNE VANG, DK  
[72] NIELSEN, BJARNE RONFELDT, DK  
[72] PEDERSEN, HENRIK, DK  
[72] SVENDSEN, ALLAN, DK  
[72] VIND, JESPER, DK  
[72] FRANDBEN, TORBEN PETER, DK  
[71] NOVOZYMES A/S, DK  
[85] 2000-12-22  
[86] 1999-07-09 (PCT/DK99/00392)  
[87] 2000-01-27 (WO00/04136)  
[30] DK (PA 1998 00937) 1998-07-15  
[30] DK (PA 1998 01667) 1998-12-17

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[21] **2,331,370**  
[13] A1

[51] **Int.Cl. 6C07K 14/78 6A61K 38/39**  
[25] EN  
[54] **PROTEIN OLIGOMER COMPOSITIONS COMPRISING ENDOSTATIN PROTEIN AND METHODS OF USING THE SAME**  
[54] **COMPOSITIONS A BASE D'OLIGOMERES PROTEINIQUES RENFERMANT LA PROTEINE ENDOSTATINE ET PROCEDES D'UTILISATION**  
[72] FOLKMAN, M. JUDAH, US  
[72] JAVAHERIAN, KASHI, US  
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US  
[85] 2000-12-04  
[86] 1999-06-03 (PCT/US99/12278)  
[87] 1999-12-09 (WO99/62944)  
[30] US (60/087,890) 1998-06-03  
[30] US (60/092,393) 1998-07-10  
[30] US (60/7098,790) 1998-09-01

[21] **2,331,388**  
[13] A1

[51] **Int.Cl. 6C07K 1/107 6A61K 47/48 6C07K 14/61**  
[25] EN  
[54] **IMPROVED PROCESS FOR PREPARING SCHIFF BASE ADDUCTS OF AMINES WITH O-HYDROXY ALDEHYDES AND COMPOSITIONS OF MATTER BASED THEREON**  
[54] **PROCEDE AMELIORE POUR PREPARER DES BASES DE SCHIFF PRODUITS D'ADDITION D'AMINES AVEC DES ALDEHYDE O-HYDROXY ET COMPOSITIONS DE SUBSTANCES A BASE DE CES PRODUITS**  
[72] HAY, BRUCE ALLAN, US  
[72] CLARK, MICHAEL THOMAS, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2000-12-22  
[86] 1999-06-02 (PCT/IB99/00993)  
[87] 2000-01-06 (WO00/00507)  
[30] US (60/090,714) 1998-06-26

[21] **2,331,412**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/10**  
[25] EN  
[54] **METHOD OF IDENTIFYING GENE TRANSCRIPTION PATTERNS**  
[54] **PROCEDE D'IDENTIFICATION DE MOTIFS DE TRANSCRIPTION DE GENES**  
[72] SPINELLA, DOMINIC G., US  
[71] CHUGAI PHARMACEUTICAL CO., LTD., JP  
[85] 2000-11-03  
[86] 1999-03-10 (PCT/IB99/00502)  
[87] 2000-09-14 (WO00/53806)  
[30] US (09/263,196) 1999-03-05

[21] **2,331,760**  
[13] A1

[51] **Int.Cl. 6C12Q 1/70 6C12N 5/10 6G01N 33/567**  
[25] EN  
[54] **CELL-BASED ASSAY FOR IMMUNODEFICIENCY VIRUS INFECTIVITY AND SENSITIVITY**  
[54] **ANALYSE A BASE DE CELLULES POUR DETERMINER L'INFECTIVITE ET LA SENSIBILITE DU VIRUS VIH**  
[72] WU, XIAOYUN, US  
[72] KAPPES, JOHN C., US  
[71] UAB RESEARCH FOUNDATION, US  
[85] 2000-12-19  
[86] 1999-06-23 (PCT/US99/14104)  
[87] 1999-12-29 (WO99/67429)  
[30] US (60/090,317) 1998-06-23

[21] **2,331,761**  
[13] A1

[51] **Int.Cl. 6C07K 14/47 6A61K 39/00 6A61K 48/00 6C12N 5/00 6C07K 7/06 6A61K 38/08 6C07K 7/08 6A61K 35/12 6C07K 16/18 6G01N 33/53 6G01N 33/574**  
[25] EN  
[54] **TUMOR ANTIGEN PEPTIDES ORIGINATING IN CYCLOPHILIN B**  
[54] **PEPTIDES D'ANTIGENES TUMORAUX PROVENANT DE LA CYCLOPHILINE B**  
[72] ITOH, KYOGO, JP  
[72] GOMI, SHINYA, JP  
[71] SUMITOMO PHARMACEUTICALS COMPANY, LIMITED, JP  
[71] ITOH, KYOGO, JP  
[85] 2000-12-21  
[86] 1999-06-24 (PCT/JP99/03360)  
[87] 1999-12-29 (WO99/67288)  
[30] JP (10/178449) 1998-06-25

[21] **2,331,762**  
[13] A1

[51] **Int.Cl. 6C12N 5/12 6C07K 16/30**  
[25] EN  
[54] **HUMAN MONOCLONAL ANTIBODIES AGAINST THE TUMOR ANTIGEN UK114 AND LYMPHOCYTE CELLS AND HYBRIDOMAS FOR THEIR PRODUCTION**  
[54] **ANTICORPS MONOCLONAUX HUMAINS DE L'ANTIGENE TUMORAL UK114, ET LYMPHOCYTES ET HYBRIDOMES POUR LEUR PRODUCTION**  
[72] BARTORELLI, ALBERTO, IT  
[72] BUSSOLATI, GIANNI, IT  
[72] FUNARO, ADA, IT  
[71] ZETESIS S.P.A., IT  
[85] 2000-12-21  
[86] 1999-06-23 (PCT/EP99/04333)  
[87] 2000-01-06 (WO00/00591)  
[30] IT (MI98A001467) 1998-06-26

[21] **2,331,763**  
[13] A1

[51] **Int.Cl. 6C07D 487/22 6A61K 31/40**  
[25] EN  
[54] **CAROTENE ANALOG OF PORPHYRINS, CHLORINS AND BACTERIOCHLORINS AS THERAPEUTIC AND DIAGNOSTIC AGENTS**  
[54] **CAROTENES ANALOGUES DE PORPHYRINES, CHLORURES ET BACTERIOCHLORURES COMME AGENTS THERAPEUTIQUES OU DIAGNOSTIQUES**  
[72] PANDEY, RAVINDRA K., US  
[72] POTTER, WILLIAM R., US  
[72] DOUGHERTY, THOMAS J., US  
[71] HEALTH RESEARCH, INC., US  
[85] 2000-12-20  
[86] 1999-06-01 (PCT/US99/12170)  
[87] 1999-12-29 (WO99/67248)  
[30] US (09/102,417) 1998-06-22

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[13] A1  
[51] **Int.Cl. 7C12N 15/52 7C07K 19/00 7C12P 17/06 7C12P 17/08 7C12N 9/10 7C12N 15/62 7C12P 19/62**  
[25] EN  
[54] **POLYKETIDES AND THEIR SYNTHESIS**  
[54] **POLYCETIDES ET LEUR SYNTHÈSE**  
[72] CORTES, JESUS, GB  
[72] STAUNTON, JAMES, GB  
[72] MCARTHUR, HAMISH ALASTAIR IRVINE, US  
[72] LEADLAY, PETER FRANCIS, GB  
[71] BIOTICA TECHNOLOGY LIMITED, GB  
[85] 2000-12-20  
[86] 1999-06-29 (PCT/GB99/02044)  
[87] 2000-01-06 (WO00/00618)  
[30] GB (9814006.4) 1998-06-29

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[21] **2,331,765**  
[13] A1  
[51] **Int.Cl. 7C12N 15/53 7C12N 9/02 7C12N 1/19 7C12Q 1/26 7C12N 15/81**  
[25] EN  
[54] **FORMALDEHYDE DEHYDROGENASE GENES FROM METHYLOTROPHIC YEASTS**  
[54] **GENES DE FORMALDEHYDE DESHYDROGENASE A PARTIR DE LEVURES METHYLOTROPHES**  
[72] CREGG, JAMES M., US  
[71] RESEARCH CORPORATION TECHNOLOGIES, INC., US  
[85] 2000-12-21  
[86] 1999-07-02 (PCT/US99/15016)  
[87] 2000-01-13 (WO00/01829)  
[30] US (60/091,699) 1998-07-03

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[21] **2,331,767**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **DENATURING GRADIENT AFFINITY ELECTROPHORESIS AND METHODS OF USE THEREOF**  
[54] **ELECTROPHORESE PAR DENATURATION SELON L’AFFINITE D’UN GRADIENT ET SES PROCEDES D’UTILISATION**  
[72] BOLES, T. CHRISTIAN, US  
[72] HAMMOND, PHILIP W., US  
[71] MOSAIC TECHNOLOGIES, US  
[85] 2000-12-18  
[86] 1999-06-18 (PCT/US99/13649)  
[87] 1999-12-23 (WO99/66078)  
[30] US (60/089,788) 1998-06-18

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[21] **2,331,771**  
[13] A1  
[51] **Int.Cl. 7C07K 19/00 7A61K 39/00 7C07K 16/00 7C07K 14/47**  
[25] EN  
[54] **COMPOUNDS, COMPOSITIONS AND METHODS FOR THE ENDOCYTIC PRESENTATION OF IMMUNOSUPPRESSIVE FACTORS**  
[54] **COMPOSES, COMPOSITIONS ET PROCEDES DESTINES A LA PRESENTATION ENDOCYTIQUE DE FACTEURS IMMUNOSUPPESSEURS**  
[72] ZAGHOUBANI, HABIB, US  
[71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US  
[85] 2000-12-21  
[86] 1999-07-06 (PCT/US99/15225)  
[87] 2000-01-13 (WO00/01732)  
[30] US (09/111,123) 1998-07-06

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[21] **2,331,782**  
[13] A1  
[51] **Int.Cl. 6C12N 15/63 6A61K 48/00 6C07H 21/04 6C12N 15/11**  
[25] EN  
[54] **TISSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES**  
[54] **RIBOZYMES SPECIFIQUES AUX TISSUS ET A L’ARN CIBLE**  
[72] PAN, WEI-HUA, US  
[72] DOLAN, JOE, US  
[72] HUANG, CANCAN, US  
[72] SCHOLFIELD, DAVID, US  
[72] HOEL, BRIAN, US  
[72] SCHMIDT, MICHAEL G., US  
[72] CLAWSON, GARY A., US  
[72] NORRIS, JAMES S., US  
[71] THE PENN STATE RESEARCH FOUNDATION, US  
[71] MUSC FOUNDATION FOR RESEARCH DEVELOPMENT, US  
[85] 2000-12-21  
[86] 1999-06-24 (PCT/US99/14324)  
[87] 1999-12-29 (WO99/67400)  
[30] US (60/090,560) 1998-06-24  
[30] US (60/096,502) 1998-08-14

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[21] **2,331,829**  
[13] A1  
[51] **Int.Cl. 6C12N 15/11 6A61K 39/395**  
[25] EN  
[54] **KV6.2, A VOLTAGE-GATED POTASSIUM CHANNEL SUBUNIT**  
[54] **SOUS-UNITE DE CANAL POTASSIQUE POTENTIEL DEPENDANT, KV6.2**  
[72] JEGLA, TIMOTHY JAMES, US  
[71] ICAGEN INCORPORATED, US  
[85] 2000-12-22  
[86] 1999-06-30 (PCT/US99/14945)  
[87] 2000-01-13 (WO00/01811)  
[30] US (60/091,466) 1998-07-01

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[13] A1  
[51] **Int.Cl. 7C07K 1/107 7C07K 14/00 7C12N 9/00 7C12N 15/00 7C12Q 1/25 7C12Q 1/37 7C12N 15/52 7C12N 9/54 7C12N 15/57 7C12N 9/96**  
[25] EN  
[54] **CHEMICALLY MODIFIED PROTEINS WITH A CARBOHYDRATE MOIETY**  
[54] **PROTEINES MODIFIEES CHIMIQUEMENT PAR UNE FRACTION GLUCIDIQUE**  
[72] DAVIS, BENJAMIN G., GB  
[72] JONES, J. BRYAN, CA  
[71] GENENCOR INTERNATIONAL, INC., US  
[85] 2000-12-22  
[86] 1999-07-02 (PCT/US99/15138)  
[87] 2000-01-13 (WO00/01712)  
[30] US (60/091,687) 1998-07-02  
[30] US (60/131,446) 1999-04-28

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[21] **2,331,825**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68 6C12Q 1/70**  
[25] EN  
[54] **METHODS AND KITS FOR DISCOVERY OF RNA-BINDING COMPOUNDS**  
[54] **PROCEDES ET KITS D’IDENTIFICATION DE COMPOSES DE FIXATION D’ARN**  
[72] PRESCOTT, CATHERINE DENISE, GB  
[72] KARN, JONATHAN, GB  
[71] RIBOTARGETS LIMITED, GB  
[85] 2000-11-30  
[86] 1999-06-04 (PCT/GB99/01761)  
[87] 1999-12-16 (WO99/64625)  
[30] GB (9812196.5) 1998-06-05  
[30] GB (9904790.4) 1999-03-02

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[13] A1  
[51] **Int.Cl. 6A61K 38/17 6C12N 15/30 6C07K 14/44**  
[25] EN  
[54] **PARASITE ANTIGENS**  
[54] **ANTIGENES DE PARASITE**  
[72] RYCE, CHERYL LOUISE, AU  
[72] ELLIS, JOHN TIMOTHY, AU  
[72] ATKINSON, ROBERT, AU  
[71] INSEARCH LIMITED, AU  
[85] 2000-11-20  
[86] 1999-05-26 (PCT/AU99/00405)  
[87] 1999-12-02 (WO99/61046)  
[30] AU (PP 3717) 1998-05-26

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[21] **2,331,834**  
[13] A1  
[51] **Int.Cl. 6A61K 38/22 6A61K 38/07**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF HELICOBACTER PYLORI-ASSOCIATED DISORDERS**  
[54] **COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE TROUBLES ASSOCIES AU HELICOBACTER PYLORI**  
[72] CHOWERS, YEHUDA, IL  
[72] CHOWERS, MICHAL Y., IL  
[71] CHOWERS, YEHUDA, IL  
[71] CHOWERS, MICHAL Y., IL  
[85] 2000-12-18  
[86] 1999-06-17 (PCT/IL99/00335)  
[87] 1999-12-23 (WO99/65513)  
[30] US (60/089,770) 1998-06-18  
[30] US (60/147,195) 1999-05-20

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[21] **2,331,842**  
[13] A1  
[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6A01H 5/10 6C12N 5/10 6C12N 15/82**  
[25] EN  
[54] **CRYPTIC REGULATORY ELEMENTS OBTAINED FROM PLANTS**  
[54] **ELEMENTS REGULATEURS CRYPTIQUES OBTENUS A PARTIR DE PLANTES**  
[72] ZHANG, PEIJUN, CA  
[72] MIKI, BRIAN, CA  
[72] TIAN, LINING, CA  
[72] BROWN, DANIEL CHARLES WILLIAM, CA  
[72] OUELLET, THERESE, CA  
[72] WU, KEQIANG, CA  
[72] HATTORI, JIRO, CA  
[72] FOSTER, ELIZABETH, CA  
[72] LABBE, HELENE, CA  
[72] MARTIN-HELLER, TERESA, CA  
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, REPRESENTED BY THE MINISTER OF, CA  
[85] 2000-12-22  
[86] 1999-06-22 (PCT/CA99/00578)  
[87] 1999-12-29 (WO99/67389)  
[30] US (09/102,312) 1998-06-22  
[30] CA (2,246,892) 1998-09-09

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[21] **2,331,845**  
[13] A1  
[51] **Int.Cl. 6C12N 15/31 6C07K 16/12 6A61K 38/16 6C07K 14/29 6G01N 33/50 6C12N 15/62**  
[25] EN  
[54] **COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF EHRlichia INFECTION**  
[54] **COMPOSES ET PROCEDES SERVANT A DIAGNOSTIQUER ET A TRAITER L'INFECTION PAR EHRlichia**  
[72] LODES, MICHAEL J., US  
[72] REED, STEVEN G., US  
[72] MCNEILL, PATRICIA D., US  
[72] HOUGHTON, RAYMOND L., US  
[71] CORIXA CORPORATION, US  
[85] 2000-12-19  
[86] 1999-06-29 (PCT/US99/14793)  
[87] 2000-01-06 (WO00/00615)  
[30] US (09/106,582) 1998-06-29  
[30] US (09/159,469) 1998-09-23  
[30] US (09/295,028) 1999-04-20

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[21] **2,331,846**  
[13] A1  
[51] **Int.Cl. 6C12N 15/85**  
[25] EN  
[54] **EXPRESSION VECTORS FOR STIMULATING AN IMMUNE RESPONSE AND METHODS OF USING THE SAME**  
[54] **VECTEURS D'EXPRESSION DESTINES A STIMULER UNE REPOSE IMMUNITAIRE ET PROCEDES DE LEUR UTILISATION**  
[72] HERMANSON, GARY G., US  
[72] ISHIOKA, GLENN Y., US  
[72] SETTE, ALESSANDRO, US  
[72] FIKES, JOHN D., US  
[72] LIVINGSTON, BRIAN, US  
[72] CHESNUT, ROBERT W., US  
[71] EPIMMUNE INC., US  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/US99/10646)  
[87] 1999-11-18 (WO99/58658)  
[30] US (09/078,904) 1998-05-13  
[30] US (60/085,751) 1998-05-15

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[21] **2,331,853**  
[13] A1  
[51] **Int.Cl. 6C12N 15/31 6A01N 63/00 6C12N 7/01 6C12P 21/02 6C12N 1/21 6C12N 15/63 6A61K 31/715 6C12N 15/86**  
[25] EN  
[54] **RECOMBINANT BACULOVIRUS-BASED INSECTICIDES**  
[54] **INSECTICIDES A BASE DE BACULOVIRUS RECOMBINANTS**  
[72] DIERKS, PETER M., US  
[72] MCINTOSH, ARTHUR, US  
[72] BRENNAN, LYNN A., US  
[71] UNITED STATES OF AMERICA REPRESENTED BY THE SECRETARY OF AGRICULTURE, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2000-11-07  
[86] 1999-05-07 (PCT/US99/09914)  
[87] 1999-11-18 (WO99/58705)  
[30] US (60/084,705) 1998-05-08

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<p style="text-align: right;">[21] <b>2,331,918</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/78</b> [25] EN [54] <b>PROTECTING NEURONS FROM ISCHEMIA</b> [54] <b>PROTECTION DES NEURONES CONTRE L'ISCHEMIE</b> [72] CHANDRASEKARAN, KRISH, US [72] DRIEU, KATY, FR [71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES SAS, FR [85] 2000-12-08 [86] 1999-06-10 (PCT/EP99/04098) [87] 1999-12-16 (WO99/64028) [30] US (09/096,869) 1998-06-11 [30] US (60/089,126) 1998-06-11</p>	<p style="text-align: right;">[21] <b>2,331,923</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/48 6C07K 14/15 6A61K 31/70 6C12Q 1/70</b> [25] FR [54] <b>FAMILLE DE SEQUENCES NUCLEIQUES ET DE SEQUENCES PROTEIQUES DEDUITES PRESENTANT DES MOTIFS RETROVIRAUX ENDOGENES HUMAINS, ET LEURS APPLICATIONS [54] NUCLEIC SEQUENCE AND DEDUCED PROTEIN SEQUENCE FAMILY WITH HUMAN ENDOGENOUS RETROVIRAL MOTIFS, AND THEIR USES</b> [72] ALLIEL, PATRICK M., FR [72] PERIN, JEAN-PIERRE, FR [72] RIEGER, FRANCOIS, FR [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR [85] 2000-12-21 [86] 1999-06-23 (PCT/FR99/01513) [87] 1999-12-29 (WO99/67395) [30] FR (98/07920) 1998-06-23</p>	<p style="text-align: right;">[21] <b>2,331,925</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/30 7A61K 39/002 7A61P 19/02 7C07K 14/44 7G01N 33/566 7G01N 33/569</b> [25] EN [54] <b>MONOCYTE LOCOMOTION INHIBITORY FACTOR</b> [54] <b>FACTEUR INHIBITEUR DU DEPLACEMENT DE MONOCYTES (MLIF)</b> [72] SCHMID, ROBERTO RODOLFO KRETSCHMER, MX [71] THE CENTER FOR BLOOD RESEARCH, INC., US [85] 2000-12-22 [86] 1999-06-29 (PCT/US99/14877) [87] 2000-01-06 (WO00/00511) [30] MX (985265) 1998-06-29</p>
<p style="text-align: right;">[21] <b>2,331,919</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/11 6A61K 31/70</b> [25] EN [54] <b>STRUCTURED ANTISENSE NUCLEIC ACID MOLECULES</b> [54] <b>MOLECULES STRUCTURES D'ACIDE NUCLEIQUE ANTISENS</b> [72] STOCKS, MARTIN, GB [72] RABBITS, TERENCE, GB [71] MEDICAL RESEARCH COUNCIL, GB [85] 2000-12-19 [86] 1999-06-23 (PCT/GB99/01956) [87] 1999-12-29 (WO99/67379) [30] GB (9813531.2) 1998-06-23 [30] US (60/090,867) 1998-06-26</p>	<p style="text-align: right;">[21] <b>2,331,924</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/31 6A23K 1/00 6C12N 15/63</b> [25] EN [54] <b>PROPIONIBACTERIUM VECTOR [54] VECTEUR DE PROPIONIBACTERIES</b> [72] LUITEN, RUDOLF GIJSBERTUS MARIE, NL [72] JORE, JOHANNES PETRUS MARIA, NL [72] VAN LUIJK, NICOLE, NL [72] POWWELS, PIETER HENDRIK, NL [71] DSM N.V., NL [85] 2000-12-21 [86] 1999-06-25 (PCT/EP99/04416) [87] 1999-12-29 (WO99/67356) [30] EP (98305033.7) 1998-06-25</p>	<p style="text-align: right;">[21] <b>2,331,926</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12P 21/06 6C12P 19/34 6C12N 15/74</b> [25] EN [54] <b>METHODS FOR GENERATING HIGHLY DIVERSE LIBRARIES</b> [54] <b>PROCEDES SERVANT A GENERER DES BANQUES EXTREMEMENT DIVERSIFIEES</b> [72] KREIDER, BRENT, US [72] WRIGHT, MARTIN C., US [72] WAGNER, RICHARD, US [71] PHYLOS, INC., US [85] 2000-12-22 [86] 1999-06-29 (PCT/US99/14776) [87] 2000-01-06 (WO00/00632) [30] US (60/090,970) 1998-06-29</p>



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<p style="text-align: right;">[21] <b>2,331,927</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/31 6C12N 5/10 6C07K 14/36</b> [25] EN [54] <b>REDUCING BRANCHING AND ENHANCING FRAGMENTATION IN CULTURING FILAMENTOUS MICROORGANISMS</b> [54] <b>DIMINUTION DE LA RAMIFICATION ET AUGMENTATION DE LA FRAGMENTATION DANS LA CULTURE DE MICRO-ORGANISMES FILAMENTEUX</b> [72] KRAAL, BAREND, NL [72] VAN WEZEL, GILLES PHILIPPUS, NL [72] LUITEN, RUDOLF, GIJSBERTUS MARIA, NL [71] NEDERLANDSE ORGANISATIE VOOR WETENSCHAPPELIJK ONDERZOEK/CHEMISCHE WETENS, NL [71] RIJKSUNIVERSITEIT TE LEIDEN, NL [85] 2000-12-27 [86] 1999-06-25 (PCT/NL99/00395) [87] 2000-01-06 (WO00/00613) [30] EP (98202148.7) 1998-06-26</p>	<p style="text-align: right;">[21] <b>2,332,104</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01M 3/00</b> [25] EN [54] <b>AN INSECT CAPTURING DEVICE</b> [54] <b>DISPOSITIF DE CAPTURE D'INSECTES</b> [72] ALLEN, ANTHONY, IE [71] ALLEN, ANTHONY, IE [85] 2000-11-10 [86] 1999-05-07 (PCT/IE99/00032) [87] 1999-11-18 (WO99/57975) [30] IE (S980362) 1998-05-12 [30] IE (S980700) 1998-08-31</p>	<p style="text-align: right;">[21] <b>2,332,107</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 1/05</b> [25] EN [54] <b>PENETRATING ENDOSCOPE AND ENDOSCOPIC SURGICAL INSTRUMENT WITH CMOS IMAGE SENSOR AND DISPLAY</b> [54] <b>ENDOSCOPE PENETRANT ET INSTRUMENT CHIRURGICAL ENDOSCOPIQUE DOTE D'UN CAPTEUR D'IMAGES CMOS ET D'UN AFFICHEUR</b> [72] VERSCHOOR, JOHN P., US [72] KRAIMER, WILLIAM J., US [72] NOLAN, LEO J., US [72] YOON, INBAE, US [72] KATZ, HAL H., US [71] YOON, INBAE, US [85] 2000-11-10 [86] 1999-05-07 (PCT/US99/10165) [87] 1999-11-18 (WO99/58044) [30] US (60/085,242) 1998-05-13 [30] US (60/085,243) 1998-05-13 [30] US (60/093,069) 1998-07-16</p>
<p style="text-align: right;">[21] <b>2,332,103</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09D 5/24</b> [25] EN [54] <b>HIGH SOLIDS CONDUCTIVE COATINGS COMPOSITIONS SUITABLE FOR ELECTROSTATIC ATOMIZATION APPLICATION METHODS</b> [54] <b>COMPOSITIONS DE REVETEMENTS CONDUCTEURS A FORTE TENEUR EN SOLIDES POUVANT ETRE UTILISEES DANS DES PROCEDES D'APPLICATION PAR ATOMISATION ELECTROSTATIQUE</b> [72] RIGGS, KEVIN JOSEPH, US [72] GILLIAM, GERALD ROBERT, US [72] HOY, KENNETH LOOK, US [72] BAILEY, RICHARD H., US [72] ARGYROPOULOS, JOHN NICHOLAS, US [71] UNION CARBIDE CHEMICALS &amp; PLASTICS TECHNOLOGY CORPORATION, US [85] 2000-11-10 [86] 1999-02-10 (PCT/US99/02764) [87] 1999-11-18 (WO99/58615) [30] US (60/084,926) 1998-05-11 [30] US (60/100,175) 1998-09-14</p>	<p style="text-align: right;">[21] <b>2,332,106</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02J 13/00</b> [25] EN [54] <b>METHOD FOR PRODUCING ELECTRICITY WITH A TIME-VARYING VOLTAGE</b> [54] <b>PROCEDE DE PRODUCTION D'ELECTRICITE AVEC TENSION ALTERNANTE DANS LE TEMPS</b> [72] MAXIMCHENKO, VLADIMIR ALEXEEVICH, RU [72] ALIEV, NARIMAN OKTAL-OGLA, RU [72] GVOZDEV, IGOR EVGENIEVICH, RU [71] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTIJU 'DEMP BEK', RU [85] 2000-11-10 [86] 2000-03-13 (PCT/RU00/00079) [87] 2000-09-14 (WO00/54388) [30] RU (99105001) 1999-03-11</p>	<p style="text-align: right;">[21] <b>2,332,108</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C21C 5/56 6C21B 13/08 6F27D 3/18</b> [25] EN [54] <b>CONTINUOUS METAL MELTING PROCESS AND APPARATUS</b> [54] <b>PROCEDE ET APPAREIL DE FUSION DE METAL EN CONTINU</b> [72] SHERWOOD, WILLIAM LYON, CA [71] SHERWOOD, WILLIAM LYON, CA [85] 2000-11-10 [86] 1999-05-19 (PCT/CA99/00456) [87] 1999-11-25 (WO99/60172) [30] US (60/085,934) 1998-05-19</p>

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[13] A1

[51] **Int.Cl. 6C12N 15/00 6C07K 14/00 6C12N 15/12 6C07K 14/435**  
[25] EN  
[54] **97 HUMAN SECRETED PROTEINS**  
[54] **97 PROTEINES HUMAINES SECRETEES**  
[72] NI, JIAN, US  
[72] ROSEN, CRAIG A., US  
[72] WEI, FING-FEI, US  
[72] FLORENCE, KIMBERLY, US  
[72] SOPPET, DANIEL R., US  
[72] LAFLEUR, DAVID W., US  
[72] EBNER, REINHARD, US  
[72] RUBEN, STEVEN M., US  
[72] ENDRESS, GREGORY A., US  
[72] OLSEN, HENRIK S., US  
[72] YOUNG, PAUL E., US  
[72] SHI, YANG-GU, US  
[72] CARTER, KENNETH C., US  
[72] MOORE, PAUL A., US  
[72] BREWER, LAURIE A., US  
[71] HUMAN GENOME SCIENCES, INC., US  
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[86] 1999-05-06 (PCT/US99/09847)  
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[30] US (60/085,093) 1998-05-12  
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[30] US (60/085,927) 1998-05-18  
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[30] US (60/085,923) 1998-05-18  
[30] US (60/085,921) 1998-05-18  
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[54] **BIOLOGICALLY ACTIVE COMPOSITION**  
[54] **COMPOSITION BIOLOGIQUEMENT ACTIVE**  
[72] BENEDIKTSSON, CATHARINA, SE  
[72] BRYLAND, RICKARD, SE  
[72] HAGSLATT, HAKAN, SE  
[72] LINDAHL, AKE, SE  
[71] BIOGLAN AB, SE  
[85] 2000-11-10  
[86] 1999-05-12 (PCT/SE99/00824)  
[87] 1999-11-18 (WO99/58109)  
[30] SE (9801705-6) 1998-05-14

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[51] **Int.Cl. 6B60Q 1/44**  
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[54] **MOTOR VEHICLE DISPLAY SYSTEM AND RANGING DEVICE**  
[54] **SYSTEME D'AFFICHAGE ET DISPOSITIF SERVANT A DETERMINER UNE DISTANCE POUR UN VEHICULE AUTOMOBILE**  
[72] TONKIN, MARK CHRISTOPHER, GB  
[71] TONKIN, MARK CHRISTOPHER, GB  
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[54] **MONITORING OF PHYSIOLOGICAL ANALYTES**  
[54] **CONTROLE D'ANALYTES PHYSIOLOGIQUES**  
[72] GARRISON, MICHAEL D., US  
[72] CHIANG, CHIA-MING, US  
[72] JONA, JANA, US  
[72] TAMADA, JANET, US  
[72] POTTS, RUSSELL O., US  
[72] TIERNEY, MICHAEL J., US  
[72] BERNER, BRET, US  
[71] CYGNUS, INC., US  
[85] 2000-11-10  
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[25] EN  
[54] **METHOD FOR TRANSMITTING AND STORING VALUE AND VALUE STORE ELECTRIC POWER METER USING THE SAME**  
[54] **PROCEDE DE TRANSMISSION ET DE STOCKAGE DE VALEURS ET COMPTEUR D'ENERGIE ELECTRIQUE A STOCKAGE DE VALEUR EXPLOITANT CE PROCEDE**  
[72] TAK, SEUNG-HO, KR  
[71] TAK, SEUNG-HO, KR  
[85] 2000-11-10  
[86] 1999-05-12 (PCT/KR99/00233)  
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[51] **Int.Cl. 6A61K 31/695**  
[25] EN  
[54] **NOVEL DELIVERY OF HYDROXY CARBOXYLIC ACIDS**  
[54] **NOUVEAU PROCEDE DE PRODUCTION D'ACIDES HYDROXY CARBOXYLIQUES**  
[72] LEGROW, GARY E., US  
[72] TERRY, W. LEONARD JR., US  
[71] ARCHIMICA (FLORIDA) INC., US  
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[25] EN  
[54] **AAV SCLEROPROTEIN, PRODUCTION AND USE THEREOF**  
[54] **PROTEINE STRUCTURALE DE VIRUS ASSOCIE AUX ADENOVIRUS, SA PRODUCTION ET SON UTILISATION**  
[72] DELEAGE, GILBERT, FR  
[72] RIED, MARTIN, DE  
[72] HALLEK, MICHAEL, DE  
[72] GIROD, ANNE, DE  
[71] MEDIGENE AKTIENGESELLSCHAFT, DE  
[85] 2000-12-19  
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[51] **Int.Cl. 6G03C 1/775 6G03C 1/815**  
[25] EN  
[54] **DISPERSION AIDS FOR OPTICAL BRIGHTENERS IN POLYOLEFINS**  
[54] **AGENTS AUXILIAIRES DE DISPERSION POUR AZURANTS OPTIQUES DANS LES POLYOLEFINES**  
[72] IRICK, GETHER JR., US  
[72] FARRAR, JOE LANNES, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 2000-11-10  
[86] 1998-12-19 (PCT/US98/27321)  
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[25] EN  
[54] **METHODS FOR IDENTIFICATION OF TEF-3 INTERACTING FACTORS**  
[54] **PROCEDES POUR L'INHIBITION D'ACTIVITE TEF-3**  
[72] TINDAL, MICHAEL HOWARD, US  
[72] WANG, RICHARD LEE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-20  
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[54] **SUBSTITUTED CYCLOOCTADEPSIPEPTIDES**  
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[72] HARDER, ACHIM, DE  
[72] PLANT, ANDREW, DE  
[72] VON SAMSON HIMMELSTJERNA, GEORG, DE  
[72] DYKER, HUBERT, DE  
[72] SCHERKENBECK, JURGEN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
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[51] **Int.Cl. 6A61K 38/40 6A61K 38/17 6A61K 31/41 6A61K 31/505 6A61K 31/71**  
[25] EN  
[54] **PHARMACEUTICAL PREPARATIONS FOR USE IN COMBATTING OR PREVENTING SURFACE INFECTIONS CAUSED BY MICROORGANISMS**  
[54] **PREPARATIONS PHARMACEUTIQUES DESTINEES A COMBATTRE OU A PREVENIR LES INFECTIONS SUPERFICIELLES PROVOQUEES PAR DES MICRO-ORGANISMES**  
[72] MEIJER, DIRK KLAAS FOKKE, NL  
[72] HAGEMAN, ROBERT JOHAN JOSEPH, NL  
[72] KUIPERS, MARIA ELIZABETH, NL  
[72] VAN DEN BERG, JEROEN JOHANNES MARIA, NL  
[72] SWART, PIETER JACOB, NL  
[71] N.V. NUTRICIA, NL  
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[25] EN  
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[72] SATO, KOH, JP  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
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[51] **Int.Cl. 6C12N 15/52 6C12N 1/21 6C12P 7/42 6C12P 19/62**  
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[54] **DNA ENCODING METHYMYCIN AND PIKROMYCIN**  
[54] **ADN CODANT POUR LA METHYMYCINE ET LA PIKROMYCINE**  
[72] SHERMAN, DAVID H., US  
[72] ZHAO, LISHAN, US  
[72] LIU, HUNG-WEN, US  
[72] XUE, YONGQUAN, US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
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[51] **Int.Cl. 6C12N 15/00**  
[25] EN  
[54] **PRODUCTION OF LOW-TEMPERATURE, SALT-AND DROUGHT-TOLERANT TRANSGENIC CEREAL PLANTS**  
[54] **PRODUCTION DE PLANTS DE CEREALES TRANSGENIQUES RESISTANTS A LA SECHERESSE, AU SEL ET AU FROID**  
[72] WU, RAY J., US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 2000-12-22  
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[51] **Int.Cl. 6B32B 27/32**  
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[54] **THERMOPLASTIC FILM WITH GOOD INTERPLY ADHESION**  
[54] **FILM THERMOPLASTIQUE PRESENTANT UNE BONNE ADHERENCE INTERPLI**  
[72] PIPER, GRAHAM R., US  
[72] RAMESH, RAM K., US  
[71] CRYOVAC, INC., US  
[85] 2000-11-14  
[86] 1999-05-13 (PCT/US99/10571)  
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<p style="text-align: right;">[21] <b>2,332,178</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 263/30 6C07D 413/04 6C07D 417/04 6C07D 277/30 6A61K 31/42 6A61K 31/425 6A61K 31/44</b></p> <p>[25] EN</p> <p>[54] <b>RETINOID-ASSOCIATED RECEPTOR REGULATORS</b></p> <p>[54] <b>REGULATEURS DU RECEPTEUR ASSOCIE AUX RETINOIDES</b></p> <p>[72] ODAKA, HIROYUKI, JP</p> <p>[72] SAKAMOTO, JUNICHI, JP</p> <p>[72] KIMURA, HIROYUKI, JP</p> <p>[72] SUGIYAMA, YASUO, JP</p> <p>[72] MOMOSE, YU, JP</p> <p>[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP</p> <p>[85] 2000-12-27</p> <p>[86] 1999-06-30 (PCT/JP99/03520)</p> <p>[87] 2000-01-13 (WO00/01679)</p> <p>[30] JP (10/186698) 1998-07-01</p>	<p style="text-align: right;">[21] <b>2,332,289</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND SYSTEM FOR SOFT HANDOFF CONTROL BASED ON ACCESS NETWORK CAPACITY</b></p> <p>[54] <b>PROCEDE ET DISPOSITIF PERMETTANT UNE COMMANDE DE TRANSFERT EN DOUCEUR EN FONCTION DE LA CAPACITE DU RESEAU D'ACCES</b></p> <p>[72] MADFORS, MAGNUS EINAR, SE</p> <p>[72] FRODIGH, CARL MAGNUS, SE</p> <p>[72] KNUTSSON, JENS, SE</p> <p>[72] PERSSON, MAGNUS STIG, SE</p> <p>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE</p> <p>[85] 2000-11-14</p> <p>[86] 1999-05-07 (PCT/SE99/00778)</p> <p>[87] 1999-11-25 (WO99/60797)</p> <p>[30] US (09/079,228) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,332,295</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12H 1/18</b></p> <p>[25] EN</p> <p>[54] <b>A BEVERAGE</b></p> <p>[54] <b>BOISSON</b></p> <p>[72] SCULLION, SIMON DANIEL, GB</p> <p>[71] BRANDBREW S.A., LU</p> <p>[85] 2000-11-14</p> <p>[86] 1999-05-14 (PCT/GB99/01546)</p> <p>[87] 1999-11-25 (WO99/60091)</p> <p>[30] GB (9810310.4) 1998-05-15</p>
	<p style="text-align: right;">[21] <b>2,332,291</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12H 1/18 6B67D 1/04</b></p> <p>[25] EN</p> <p>[54] <b>A BEVERAGE</b></p> <p>[54] <b>BOISSON</b></p> <p>[72] SMITH, STEPHEN PAUL, GB</p> <p>[72] FOSTER, PETER THOMAS, GB</p> <p>[72] SCULLION, SIMON DANIEL, GB</p> <p>[71] BRANDBREW S.A., LU</p> <p>[85] 2000-11-14</p> <p>[86] 1999-05-14 (PCT/GB99/01551)</p> <p>[87] 1999-11-25 (WO99/60092)</p> <p>[30] GB (9810309.6) 1998-05-15</p> <p>[30] GB (9828321.1) 1998-12-23</p> <p>[30] GB (9828317.9) 1998-12-23</p> <p>[30] GB (9901018.3) 1999-01-19</p>	<p style="text-align: right;">[21] <b>2,332,296</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 11/20</b></p> <p>[25] EN</p> <p>[54] <b>CONTROLLING A BUS WITH MULTIPLE SYSTEM HOSTS</b></p> <p>[54] <b>COMMANDE D'UN BUS DESSERVANT PLUSIEURS HOTES SYSTEME</b></p> <p>[72] HILL, CHARLES CHRISTOPHER, US</p> <p>[72] GUPTA, ANIL, US</p> <p>[72] LANUS, MARK, US</p> <p>[71] MOTOROLA, INC., US</p> <p>[85] 2000-11-14</p> <p>[86] 1999-05-07 (PCT/US99/09989)</p> <p>[87] 1999-11-18 (WO99/59066)</p> <p>[30] US (09/079,130) 1998-05-14</p>

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<p style="text-align: center;">[21] <b>2,332,298</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 13/40 6G06F 11/20</b> [25] EN [54] <b>MULTICONFIGURATION BACKPLANE</b> [54] <b>FOND DE PANIER A CONFIGURATION MULTIPLE</b> [72] GUPTA, ANIL, US [72] LANGDAL, JAMES, US [72] LANUS, MARK, US [71] MOTOROLA, INC., US [85] 2000-11-14 [86] 1999-05-07 (PCT/US99/10163) [87] 1999-11-18 (WO99/59075) [30] US (09/079,040) 1998-05-14</p>	<p style="text-align: center;">[21] <b>2,332,300</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/06</b> [25] EN [54] <b>HAIR CARE COMPOSITIONS AND METHOD FOR DEPOSITING SWOLLEN POLYMER PARTICLES ONTO HAIR</b> [54] <b>COMPOSITIONS POUR SOINS CAPILLAIRES ET PROCEDE PERMETTANT DE DEPOSER DES PARTICULES POLYMERES GONFLEES SUR LES CHEVEUX</b> [72] LANE, ROGER MICHAEL, GB [72] WYDILA, JOHN EDWARD, US [72] JANCHITRAPONVEJ, BEN, US [72] BERGMANN, WOLFGANG ROBERT, US [72] NEILL, PAUL HOWARD, US [72] GIBSON, WALTER THOMAS, GB [72] CRUDELE, JOANNE, US [72] FINEL, CHRISTOPHE MICHEL, FR [72] PATEL, CHAITANYA UMEDEBHAJ, US [71] UNILEVER PLC, GB [85] 2000-11-14 [86] 1999-05-21 (PCT/EP99/03589) [87] 1999-12-16 (WO99/63953) [30] US (09/092,487) 1998-06-05 [30] US (09/310,274) 1999-05-12</p>	<p style="text-align: center;">[21] <b>2,332,302</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/20 6A61K 31/70</b> [25] EN [54] <b>IN SITU FORMATION OF CLA LINOLEIQUE CONJUGUE (ALC)</b> [72] PIPEROVA, LILIANNA, US [72] ERDMAN, RICHARD A., US [72] SAMPUGNA, JOSEPH, US [72] TETER, BEVERLY B., US [71] UNIVERSITY OF MARYLAND, US [85] 2000-11-14 [86] 1999-05-12 (PCT/US99/10726) [87] 1999-12-16 (WO99/63991) [30] US (60/085,199) 1998-05-12</p>
<p style="text-align: center;">[21] <b>2,332,299</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 29/06 6C10G 11/02</b> [25] EN [54] <b>ALKALINE PHOSPHATE-ACTIVATED CLAY/ZEOLITE CATALYSTS</b> [54] <b>CATALYSEURS A BASE D'ARGILE/ZEOLITE, ACTIVES PAR DU PHOSPHATE ALCALIN</b> [72] DEMMEL, EDWARD J., US [72] VIERHEILIG, ALBERT A., US [71] BULLDOG TECHNOLOGIES U.S.A., INC., US [85] 2000-11-14 [86] 1998-05-15 (PCT/US98/10087) [87] 1999-11-25 (WO99/59720)</p>	<p style="text-align: center;">[21] <b>2,332,301</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/50 6A61K 7/42 6A61K 7/48</b> [25] EN [54] <b>PERSONAL WASHING COMPOSITIONS</b> [54] <b>COMPOSITIONS DE LAVAGE POUR L'HYGIENE PERSONNELLE</b> [72] MACAULAY, ERNEST WEATHERLEY, GB [71] UNILEVER PLC, GB [85] 2000-11-14 [86] 1999-05-04 (PCT/EP99/03101) [87] 1999-12-16 (WO99/63965) [30] GB (9812181.7) 1998-06-05</p>	<p style="text-align: center;">[21] <b>2,332,303</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01D 17/12 6B23P 13/02</b> [25] EN [54] <b>A METHOD FOR FABRICATING A TURBINE INLET CASING AND THE TURBINE INLET CASING</b> [54] <b>CARTER D'ADMISSION DE TURBINE ET PROCEDE DE FABRICATION ASSOCIE</b> [72] MAIER, WILLIAM C., US [71] DRESSER-RAND COMPANY, US [85] 2000-11-14 [86] 1999-05-10 (PCT/US99/10199) [87] 1999-11-18 (WO99/58819) [30] US (09/078,981) 1998-05-14</p>
		<p style="text-align: center;">[21] <b>2,332,304</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21C 9/10 6D21C 9/147 6D21C 9/16</b> [25] EN [54] <b>PEROXIDE, OXYGEN, AND PEROXIDE/OXYGEN BRIGHTENING OF CHEMICAL AND MIXED WASTE PULPS</b> [54] <b>ECLAIRCISSEMENT DE PATES CHIMIQUES ET DE PATES DE VIEUX PAPIERS MELANGES, AU MOYEN DE PEROXYDE, D'OXYGENE OU DE PEROXYDE/OXYGENE</b> [72] EVANS, TIMOTHY D., CA [72] FRANCIS, RAYMOND C., US [71] NATIONAL SILICATES PARTNERSHIP, CA [71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US [85] 2000-11-14 [86] 1998-05-15 (PCT/US98/10070) [87] 1999-11-25 (WO99/60201)</p>

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[21] **2,332,305**  
[13] A1

[51] **Int.Cl. 6C11D 3/395 6C11D 3/14 6C11D 1/72 6C11D 1/722**  
[25] EN  
[54] **HARD SURFACE CLEANERS**  
[54] **AGENTS DE NETTOYAGE DE SURFACES DURES**  
[72] FONTANA, CINZIA, IT  
[72] NOVITA, LUCIANO, IT  
[71] UNILEVER PLC, GB  
[85] 2000-11-14  
[86] 1999-06-02 (PCT/EP99/03844)  
[87] 1999-12-16 (WO99/64553)  
[30] EP (98304566.7) 1998-06-09

[21] **2,332,358**  
[13] A1

[51] **Int.Cl. 6A23C 19/06 6A23L 1/23**  
[25] EN  
[54] **CHEESE FLAVOUR**  
[54] **AROME DE FROMAGE**  
[72] KWON, STEVEN SOON-YOUNG, US  
[72] VADEHRA, DHARAM VIR, US  
[72] LECOUTEUX, CLAUDE, US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2000-11-16  
[86] 1999-06-08 (PCT/EP99/03933)  
[87] 1999-12-16 (WO99/63834)  
[30] US (09/096,069) 1998-06-11

[21] **2,332,361**  
[13] A1

[51] **Int.Cl. 6A61L 15/26 6A61L 15/58**  
[25] EN  
[54] **WOUND DRESSING**  
[54] **PANSEMENT**  
[72] LINDQUIST, BENGT W., SE  
[72] ARESKOU, STEFAN, SE  
[71] MOLNLYCKE HEALTH CARE AB, SE  
[85] 2000-11-17  
[86] 1999-05-27 (PCT/SE99/00903)  
[87] 1999-12-02 (WO99/61077)  
[30] SE (9801899-7) 1998-05-28

[21] **2,332,306**  
[13] A1

[51] **Int.Cl. 6E04G 21/32 6A62B 1/22**  
[25] EN  
[54] **ADJUSTABLE SAFETY NET METHODS AND APPARATUS**  
[54] **FILET DE SECURITE REGLABLE, PROCEDE ET DISPOSITIF**  
[72] OUELLETTE, KEVIN D., US  
[72] DENNY, DAVID S., US  
[71] SINCO, INC., US  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10740)  
[87] 1999-11-18 (WO99/58790)  
[30] US (09/078,464) 1998-05-14

[21] **2,332,359**  
[13] A1

[51] **Int.Cl. 6F23C 7/00 6F23D 23/00 6F23D 11/10**  
[25] EN  
[54] **GAS TURBINE FUEL INJECTOR**  
[54] **INJECTEUR POUR TURBINES A GAZ**  
[72] KOSTKA, RICHARD ALAN, CA  
[72] PROCIW, LEV ALEXANDER, CA  
[72] SAMPATH, PARTHASARATHY, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[85] 2000-11-17  
[86] 1999-05-07 (PCT/CA99/00412)  
[87] 1999-12-02 (WO99/61838)  
[30] US (09/083,199) 1998-05-22

[21] **2,332,362**  
[13] A1

[51] **Int.Cl. 6H01F 7/02 6G09B 1/38**  
[25] EN  
[54] **MODULES CREATING MAGNETIC ANCHORAGE ASSEMBLIES AND RELEVANT ASSEMBLIES**  
[54] **MODULES UTILISES POUR LA CREATION D'ENSEMBLES D'ANCRAGE MAGNETIQUES ET D'ENSEMBLES APPROPRIES**  
[72] VICENTELLI, CLAUDIO, IT  
[71] VICENTELLI, CLAUDIO, IT  
[85] 2000-11-17  
[86] 1999-03-24 (PCT/EP99/02040)  
[87] 1999-11-25 (WO99/60583)  
[30] IT (MI98A001109) 1998-05-20

[21] **2,332,357**  
[13] A1

[51] **Int.Cl. 7H02J 7/00 7H02J 7/04 7H02J 7/10**  
[25] EN  
[54] **SECONDARY BATTERY CONTROL CIRCUIT**  
[54] **CIRCUIT DE COMMANDE DE BATTERIE RECHARGEABLE**  
[72] IWAIZONO, YOSHINORI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-11-16  
[86] 2000-03-16 (PCT/JP00/01627)  
[87] 2000-09-21 (WO00/55954)  
[30] JP (11/71071) 1999-03-16

[21] **2,332,360**  
[13] A1

[51] **Int.Cl. 7G06F 17/50 7G06F 17/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR GENERATING POLYCYCLIC FRAGMENTS**  
[54] **PROCEDE ET APPAREIL POUR GENERER DES FRAGMENTS POLYCYCLIQUES**  
[72] SMELLIE, ANDREW, US  
[71] COMBICHEM, INC., US  
[85] 2000-11-17  
[86] 2000-03-16 (PCT/US00/07283)  
[87] 2000-09-21 (WO00/55772)  
[30] US (60/125,590) 1999-03-18

[21] **2,332,363**  
[13] A1

[51] **Int.Cl. 7H01F 27/08 7H01F 27/245**  
[25] EN  
[54] **INDUCTANCE ARRANGEMENT**  
[54] **ARRANGEMENT INDUCTIF**  
[72] WOBVEN, ALOYS, DE  
[71] WOBVEN, ALOYS, DE  
[85] 2000-11-17  
[86] 2000-02-25 (PCT/EP00/01582)  
[87] 2000-11-09 (WO00/67265)  
[30] DE (199 20 268.0) 1999-05-03

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[21] **2,332,364**  
[13] A1  
[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEM, METHOD AND APPARATUS FOR COUPON PROCESSING AND BOOKLET**  
[54] **SYSTEME, PROCEDE ET DISPOSITIF DE TRAITEMENT DE COUPON ET CARNET ASSOCIE**  
[72] MCCREARY, JAMES B., US  
[72] DIXON, MERRITT W., III, US  
[71] LET'S GO SHOPPING, US  
[85] 2000-11-17  
[86] 1999-05-18 (PCT/US99/10979)  
[87] 1999-11-25 (WO99/60505)  
[30] US (60/086,045) 1998-05-19

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[21] **2,332,365**  
[13] A1  
[51] **Int.Cl. 6B05C 1/08 6B05C 3/18**  
[25] EN  
[54] **PRESSURE FEED COATING APPLICATION SYSTEM**  
[54] **SYSTEME D'APPLICATION DE REVETEMENT ALIMENTE SOUS PRESSION**  
[72] PANKAKE, EUGENE A., US  
[71] PANKAKE, EUGENE A., US  
[85] 2000-11-17  
[86] 1999-05-18 (PCT/US99/10819)  
[87] 1999-11-25 (WO99/59731)  
[30] US (60/086,047) 1998-05-19

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[21] **2,332,366**  
[13] A1  
[51] **Int.Cl. 6B32B 9/00 6C01B 31/00**  
[25] EN  
[54] **CARBON-BASED COMPOSITES DERIVED FROM PHTHALONITRILE RESINS**  
[54] **COMPOSITES A BASE DE CARBONE DERIVES DE RESINES DE PHTHALONITRILE**  
[72] SASTRI, SATYA B., US  
[72] ARMISTEAD, JAMES P., US  
[72] KELLER, TEDDY M., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US  
[85] 2000-11-17  
[86] 1999-06-25 (PCT/US99/14293)  
[87] 2000-01-06 (WO00/00350)  
[30] US (09/105,087) 1998-06-26

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[21] **2,332,368**  
[13] A1  
[51] **Int.Cl. 6A61M 5/00 6G01N 33/487**  
[25] EN  
[54] **A MEDICAL APPARATUS FOR USE BY A PATIENT FOR MEDICAL SELF TREATMENT OF DIABETES**  
[54] **APPAREIL A USAGE MEDICAL PERMETTANT A UN DIABETIQUE DE S'ADMINISTRER TOUT SEUL SON TRAITEMENT**  
[72] MUNK, JENS, AAGE, DK  
[72] LAV, STEFFEN, DE  
[72] RITSING, BRIAN, DE  
[71] NOVO NORDISK A/S, DK  
[85] 2000-11-16  
[86] 1999-05-19 (PCT/DK99/00272)  
[87] 1999-11-25 (WO99/59657)  
[30] DK (PA 1998 00714) 1998-05-20

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[21] **2,332,369**  
[13] A1  
[51] **Int.Cl. 6A61K 9/20 6A61K 9/00 6A61K 9/14**  
[25] EN  
[54] **DRUG DELIVERY SYSTEM COMPRISING A TIGHTLY COMPACTED SOLID MEDICAMENT STOCK**  
[54] **SYSTEME DE PRESENTATION DE MEDICAMENT COMPRENANT DE LA MATIERE MEDICAMENTEUSE SOLIDE FORTEMENT COMPACTEE**  
[72] FLEISCHER, WOLFGANG, DE  
[72] REIMER, KAREN, DE  
[71] EUROCELTIQUE S.A., LU  
[85] 2000-11-20  
[86] 1999-05-27 (PCT/EP99/03680)  
[87] 1999-12-02 (WO99/61003)  
[30] US (60/086,895) 1998-05-27

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[21] **2,332,370**  
[13] A1  
[51] **Int.Cl. 6A61K 38/55 6A61L 15/44 6G01N 33/50 6A61K 38/56**  
[25] EN  
[54] **METHODS AND MEANS FOR PREVENTING OR TREATING INFLAMMATION OR PRURITIS**  
[54] **METHODES ET MOYENS DE PREVENTION OU DE TRAITEMENT D'UNE INFLAMMATION OU D'UN PRURIT**  
[72] VAN LIESHOUT, LEONARDA MARIA CATHARINA, NL  
[72] LAMAN, JON DANIEL, NL  
[72] RUSELER - VAN EMBDEN, JOHANNA GEERTRUIDA HENDRIKA, NL  
[71] ERASMUS UNIVERSITEIT ROTTERDAM, NL  
[85] 2000-11-20  
[86] 1999-05-20 (PCT/NL99/00312)  
[87] 1999-11-25 (WO99/59623)  
[30] EP (98201694.1) 1998-05-20

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[21] **2,332,371**  
[13] A1  
[51] **Int.Cl. 6A61K 9/127**  
[25] EN  
[54] **PREPARATIONS FOR THE APPLICATION OF ANTI-INFLAMMATORY, ESPECIALLY ANTISEPTIC AGENTS AND/OR AGENTS PROMOTING THE HEALING OF WOUNDS, TO THE LOWER RESPIRATORY TRACT**  
[54] **PREPARATIONS POUR L'APPLICATION, AU NIVEAU DES VOIES RESPIRATOIRES INFERIEURES, D'ANTI-INFLAMMATOIRES, NOTAMMENT D'ANTISEPTIQUES ET/OU D'AGENTS FAVORISANT LA GUERISON DES BLESSURES**  
[72] FLEISCHER, WOLFGANG, DE  
[72] REIMER, KAREN, DE  
[71] EUROCELTIQUE S.A., LU  
[85] 2000-11-20  
[86] 1999-05-27 (PCT/EP99/03681)  
[87] 1999-12-02 (WO99/60999)  
[30] US (60/086,895) 1998-05-27

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[21] **2,332,372**  
[13] A1  
[51] **Int.Cl. 6C07C 209/36 6C07C 209/02 6C07C 209/38**  
[25] EN  
[54] **PROCESS FOR PREPARING 4-AMINODIPHENYLAMINES**  
[54] **PROCEDE DE PREPARATION DE 4-AMINODIPHENYLAMINES**  
[72] LAMBERS, EDWARD ALBERT, US  
[72] GENETTI, RALPH ALBERT, US  
[72] RAINS, ROGER KERANEN, US  
[72] VAN HENGSTUM, ANTONIUS JOHANNES, NL  
[71] FLEXSYS AMERICA L.P., US  
[85] 2000-11-16  
[86] 1999-05-14 (PCT/US99/10743)  
[87] 1999-11-25 (WO99/59956)  
[30] US (60/085,887) 1998-05-18  
[30] US (09/243,719) 1999-02-03

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[21] **2,332,373**  
[13] A1  
[51] **Int.Cl. 6C12P 19/18**  
[25] EN  
[54] **METHOD FOR PRODUCING WATER-INSOLUBLE .ALPHA.-1,4-GLUCAN**  
[54] **PROCEDE POUR PRODUIRE DES .ALPHA.-1,4-GLUCANES NON SOLUBLES DANS L'EAU**  
[72] QUANZ, MARTIN, DE  
[72] BANASIAK, RONALD, DE  
[72] PROVART, NICHOLAS, DE  
[71] AXIVA GMBH, DE  
[85] 2000-11-16  
[86] 1999-06-17 (PCT/EP99/04199)  
[87] 1999-12-29 (WO99/67412)  
[30] DE (198 27 978.1) 1998-06-24

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[21] **2,332,374**  
[13] A1  
[51] **Int.Cl. 6G01V 1/36**  
[25] EN  
[54] **ADAPTIVE SEISMIC NOISE AND INTERFERENCE ATTENUATION METHOD**  
[54] **ATTENUATION ADAPTATIVE DES BRUITS ET INTERFERENCES D'ORIGINE SISMIQUE**  
[72] OZBEK, ALI, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2000-11-15  
[86] 1999-05-18 (PCT/GB99/01582)  
[87] 1999-11-25 (WO99/60423)  
[30] GB (9810708.9) 1998-05-20

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[21] **2,332,375**  
[13] A1  
[51] **Int.Cl. 7A61K 45/00 7A61P 15/00 7A61P 43/00 7A61K 31/41 7A61K 31/557**  
[25] EN  
[54] **CERVICAL RIPENING AGENT AND CERVICAL RIPENING METHOD**  
[54] **AGENT DE MATURATION DU COL ET PROCEDE CORRESPONDANT**  
[72] HAYASHI, RYOJI, JP  
[72] ISOGAYA, MASAFUMI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2000-11-15  
[86] 2000-03-15 (PCT/JP00/01557)  
[87] 2000-09-21 (WO00/54809)  
[30] JP (11/69524) 1999-03-16

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[21] **2,332,376**  
[13] A1  
[51] **Int.Cl. 6G01N 23/12 6G01F 1/74**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING MULTIPHASE FLOWS**  
[54] **PROCEDE ET DISPOSITIF POUR LA MESURE DE FLUX MULTIPHASE**  
[72] PFUTZNER, HAROLD, US  
[72] GROVES, JOEL, US  
[71] POYET, JEAN-PIERRE, US  
[72] WRAIGHT, PETER, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2000-11-15  
[86] 1999-05-18 (PCT/US99/10911)  
[87] 1999-11-25 (WO99/60387)  
[30] US (09/081,161) 1998-05-18

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[21] **2,332,377**  
[13] A1  
[51] **Int.Cl. 6F16H 7/12**  
[25] EN  
[54] **TENSIONER WITH SECOND PIVOT-ARM FOR DAMPING MECHANISM**  
[54] **TENSIONNEUR A SECOND BRAS DE PIVOT POUR MECANISME AMORTISSEUR**  
[72] BRAL, SERGE ALAIN, DE  
[71] THE GATES CORPORATION, US  
[85] 2000-11-15  
[86] 1999-06-02 (PCT/US99/12290)  
[87] 1999-12-09 (WO99/63246)  
[30] US (09/088,967) 1998-06-02

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[21] **2,332,378**  
[13] A1  
[51] **Int.Cl. 6G01N 21/47**  
[25] EN  
[54] **CALIBRATION VERIFICATION SYSTEM FOR TURBIDIMETER**  
[54] **SYSTEME DE VERIFICATION D'ETALONNAGE DE TURBIDIMETRE**  
[72] STREAM, ROBERT D., US  
[72] BANNERJEE, ASHIM K., US  
[71] HACH COMPANY, US  
[85] 2000-11-15  
[86] 1999-05-18 (PCT/US99/11018)  
[87] 1999-12-09 (WO99/63325)  
[30] US (09/088,333) 1998-06-01

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[21] **2,332,389**  
[13] A1  
[51] **Int.Cl. 6A61K 9/127**  
[25] EN  
[54] **PREPARATIONS FOR THE APPLICATION OF ANTI-INFLAMMATORY, ESPECIALLY ANTISEPTIC AGENTS AND/OR AGENTS PROMOTING THE HEALING OF WOUNDS, TO THE UPPER RESPIRATORY TRACT AND/OR THE EAR**  
[54] **PREPARATIONS POUR L'APPLICATION D'ANTI-INFLAMMATOIRES, ET PLUS PARTICULIEREMENT D'ANTISEPTIQUES ET/OU D'AGENTS FAVORISANT LA GUERISON DES BLESSURES, DANS LES VOIES RESPIRATOIRES SUPERIEURES ET/OU L'OREILLE**  
[72] REIMER, KAREN, DE  
[72] FLEISCHER, WOLFGANG, DE  
[71] EUROCELTIQUE S.A., LU  
[85] 2000-11-20  
[86] 1999-05-27 (PCT/EP99/03677)  
[87] 1999-12-02 (WO99/60998)  
[30] US (60/086,895) 1998-05-27



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[13] A1  
[51] **Int.Cl. 6G03F 7/30 6G03F 7/32**  
[25] EN  
[54] **STRIPPING COMPOSITIONS FOR SEMICONDUCTOR SUBSTRATES**  
[54] **COMPOSITIONS D'ELIMINATION POUR SUBSTRATS SEMICONDUCTEURS**  
[72] WOJTCZAK, WILLIAM A., US  
[72] NGUYEN, LONG, US  
[72] GUAN, GEORGE, US  
[71] ADVANCED TECHNOLOGY MATERIALS, INC., US  
[85] 2000-11-16  
[86] 1999-05-17 (PCT/US99/10895)  
[87] 1999-11-25 (WO99/60447)  
[30] US (60/085,879) 1998-05-18

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[21] **2,332,393**  
[13] A1  
[51] **Int.Cl. 6A22B 5/08**  
[25] EN  
[54] **RADIO FREQUENCY IDENTIFICATION DEVICE AND METHOD OF USE**  
[54] **DISPOSITIF D'IDENTIFICATION PAR FREQUENCE RADIO ET SON PROCEDE D'UTILISATION**  
[72] PARRY, RICHARD L., US  
[72] LAWLER, CASIMIR E., US  
[71] MEAT PROCESSING SERVICE CORP., INC., US  
[85] 2000-11-16  
[86] 1999-05-18 (PCT/US99/11021)  
[87] 1999-11-25 (WO99/59393)  
[30] US (09/081,358) 1998-05-19

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[21] **2,332,394**  
[13] A1  
[51] **Int.Cl. 7H02K 5/22 7H02K 11/04**  
[25] EN  
[54] **ELECTRIC MOTOR WITH ICE OUT PROTECTION**  
[54] **MOTEUR ELECTRIQUE PROTEGE CONTRE LA GLACE**  
[72] GRIMM, JAMES EVERETT, US  
[72] HOLLENBECK, ROBERT KEITH, US  
[72] THOMPSON, GREGORY A., US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2000-11-16  
[86] 2000-03-27 (PCT/US00/08104)  
[87] 2000-09-28 (WO00/57539)  
[30] US (09/276,275) 1999-03-25

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[21] **2,332,396**  
[13] A1  
[51] **Int.Cl. 6B01D 29/07**  
[25] EN  
[54] **METHOD AND APPARATUS OF A FLUID FILTERING SYSTEM WITH COMPRESSED BLOCKING AREA**  
[54] **PROCEDE ET APPAREIL POUR SYSTEME DE FILTRAGE DE FLUIDES A ZONE DE BLOCAGE COMPRIMEE**  
[72] GRYDER, EDD D., US  
[72] MORGAN, DENNIS R., US  
[71] HARVARD CORPORATION, US  
[85] 2000-11-16  
[86] 1999-05-20 (PCT/US99/11253)  
[87] 1999-11-25 (WO99/59691)  
[30] US (09/082,734) 1998-05-21

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[21] **2,332,397**  
[13] A1  
[51] **Int.Cl. 6A61K 7/32**  
[25] EN  
[54] **METHOD OF MAKING ANTIPERSPIRANT POWDERS**  
[54] **PROCEDE DE FABRICATION DE POUDRES ANTI-TRANSPIRATION**  
[72] ANGELONE, PHILIP P., III, US  
[72] KARASSIK, NANCY, US  
[72] ORYSZCZAK, RICHARD, US  
[72] PROVANCAL, STEPHEN, US  
[71] THE GILLETTE COMPANY, US  
[85] 2000-11-15  
[86] 1999-06-16 (PCT/US99/13520)  
[87] 1999-12-23 (WO99/65457)  
[30] US (09/100,081) 1998-06-19

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[21] **2,332,398**  
[13] A1  
[51] **Int.Cl. 6A61K 31/165**  
[25] EN  
[54] **BENZAMIDE THERAPEUTICS FOR THE TREATMENT OF INFLAMMATORY BOWEL DISEASE**  
[54] **MEDICAMENT A BASE DE BENZAMIDE, DESTINE AU TRAITEMENT DES AFFECTIONS INFLAMMATOIRES DE L'INTESTIN**  
[72] FLITTER, WILLIAM D., US  
[72] IRWIN, IAN, US  
[72] GARLAND, WILLIAM A., US  
[71] CENTAUR PHARMACEUTICALS, INC., US  
[85] 2000-11-15  
[86] 1999-05-18 (PCT/US99/10445)  
[87] 1999-11-25 (WO99/59569)  
[30] US (60/086,361) 1998-05-19

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[21] **2,332,400**  
[13] A1  
[51] **Int.Cl. 6B41N 1/04 6G03F 7/004 6G03F 7/36 6G03F 7/38**  
[25] EN  
[54] **WATERLESS LITHOGRAPHIC PRINTING PLATES**  
[54] **PLAQUES DE LITHOGRAPHIE A SEC**  
[72] KELLETT, RICHARD M., US  
[71] NEW ENGLAND SCIENCE AND SPECIALTY PRODUCTS, INC., US  
[85] 2000-11-15  
[86] 1999-05-21 (PCT/US99/11313)  
[87] 1999-11-25 (WO99/59826)  
[30] US (09/082,764) 1998-05-21

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[21] **2,332,402**  
[13] A1  
[51] **Int.Cl. 6C07D 401/04 6C07D 403/04 6A61K 31/44 6A61K 31/505**  
[25] EN  
[54] **NOVEL 2-ALKYL SUBSTITUTED IMIDAZOLE COMPOUNDS**  
[54] **NOUVEAUX COMPOSES D'IMIDAZOLE A SUBSTITUTION ALKYLE EN POSITION 2**  
[72] DILLON, SUSAN B., US  
[72] GRIEGO, SANDRA D., US  
[72] LEE, DENNIS, US  
[72] ADAMS, JERRY LEROY, US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-11-15  
[86] 1999-05-20 (PCT/US99/11260)  
[87] 1999-12-02 (WO99/61437)  
[30] US (60/086,449) 1998-05-22

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[21] **2,332,403**  
[13] A1  
[51] **Int.Cl. 6A61K 31/44 6C07D 471/04**  
[25] EN  
[54] **ANTI-VIRAL COMPOUNDS**  
[54] **COMPOSES ANTI-VIRAUX**  
[72] HOLMES, RICHARD ELMER, US  
[72] HAMDOUCHI, CHAFIQ HAMDOUCHI, ES  
[72] SPITZER, WAYNE ALFRED, US  
[72] GRUBER, JOSEPH MICHAEL, US  
[72] EZQUERRA-CARRERA, JESUS, ES  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-11-17  
[86] 1998-05-20 (PCT/US98/10299)  
[87] 1999-11-25 (WO99/59587)

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<p style="text-align: center;">[21] <b>2,332,408</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/55 6A61K 31/135 6A61K 31/15 6A61K 31/19 6A61K 31/195 6A61K 31/34 6A61K 31/35 6A61K 31/38 6A61K 31/445 6A61K 31/495 6A61K 31/50 6A61K 31/505 6A61K 31/53</b></p> <p>[25] EN [54] <b>COMBINATION THERAPY FOR TREATMENT OF BIPOLAR DISORDERS</b> [54] <b>THERAPIE COMBINEE DE TRAITEMENT DE TROUBLES BIPOLAIRES</b> [72] TOLLEFSON, GARY DENNIS, US [71] ELI LILLY AND COMPANY, US [85] 2000-11-17 [86] 1999-05-21 (PCT/US99/11314) [87] 1999-12-09 (WO99/62522) [30] US (60/087,126) 1998-05-29</p>	<p style="text-align: center;">[21] <b>2,332,418</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01R 4/24 6H01R 43/01</b></p> <p>[25] EN [54] <b>CABLE CONNECTION DEVICE AND METHOD</b> [54] <b>PROCEDE ET DISPOSITIF DE RACCORDEMENT DE CABLE</b> [72] MATHIESON, BRIAN DOUGLAS, AU [72] MATHIESON, EIAN DOUGLAS, AU [71] MATSON AUTOMOTIVE INDUSTRIES PTY. LTD., AU [85] 2000-11-15 [86] 1999-05-20 (PCT/AU99/00382) [87] 1999-11-25 (WO99/60668) [30] AU (PP 3606) 1998-05-20</p>	<p style="text-align: center;">[21] <b>2,332,427</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 45/00 7A61P 43/00 7A61P 13/12 7A61K 31/557</b></p> <p>[25] EN [54] <b>PROSTAGLANDIN EP4 RECEPTOR AGONIST AND TREATMENT METHOD</b> [54] <b>AGONISTE DU RECEPTEUR EP4 DE LA PROSTAGLANDINE ET TRAITEMENT CORRESPONDANT</b> [72] KUMAGAI, HIROKI, JP [72] OCHI, YASUO, JP [72] HAYASHI, RYOJI, JP [71] TORAY INDUSTRIES, INC., JP [85] 2000-11-15 [86] 2000-03-15 (PCT/JP00/01556) [87] 2000-09-21 (WO00/54808) [30] JP (11/69696) 1999-03-16</p>
<p style="text-align: center;">[21] <b>2,332,413</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b></p> <p>[25] EN [54] <b>A TECHNIQUE FOR IMPLEMENTING BROWSER-INITIATED NETWORK-DISTRIBUTED ADVERTISING AND FOR INTERSTITIALLY DISPLAYING AN ADVERTISEMENT</b> [54] <b>TECHNIQUE DE MISE EN PLACE DE PUBLICITE REPARTIE SUR RESEAU ET DECLENCHEE PAR NAVIGATEUR, ET D'AFFICHAGE INTERSTITIEL DE PUBLICITE</b> [72] LEE, WEI-YEH, US [72] LANDSMAN, RICK W., US [71] UNCAST COMMUNICATIONS CORPORATION, US [85] 2000-11-15 [86] 1999-05-14 (PCT/US99/10707) [87] 1999-11-25 (WO99/60504) [30] US (09/080,165) 1998-05-15 [30] US (09/237,718) 1999-01-26</p>	<p style="text-align: center;">[21] <b>2,332,423</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02K 21/18 7H02K 16/00 7H02K 29/00 7H02K 9/04</b></p> <p>[25] EN [54] <b>MAGNETIC CIRCUIT FOR ROTATING APPARATUS</b> [54] <b>CIRCUIT MAGNETIQUE POUR DISPOSITIF ROTATIF</b> [72] BAE, YOUN SOO, KR [71] ENERTEC KOREA CO., LTD., KR [85] 2000-11-15 [86] 1999-05-17 (PCT/KR99/00246) [87] 1999-11-25 (WO99/60692) [30] KR (1998/17757) 1998-05-16</p>	<p style="text-align: center;">[21] <b>2,332,429</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01V 1/42</b></p> <p>[25] EN [54] <b>ENHANCEMENT OF DRILL BIT SEISMICS THROUGH SELECTION OF EVENTS MONITORED AT THE DRILL BIT</b> [54] <b>AMELIORATION DES RELEVES SISMIQUES DE FORAGE PAR SELECTION D'EVENEMENTS SURVEILLES AU NIVEAU DU TREPAN</b> [72] RODNEY, PAUL F., US [71] DRESSER INDUSTRIES, INC., US [85] 2000-11-15 [86] 1999-06-29 (PCT/US99/14669) [87] 2000-01-06 (WO00/00846) [30] US (60/091,032) 1998-06-29 [30] US (09/290,366) 1999-04-12</p>
<p style="text-align: center;">[21] <b>2,332,415</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/22</b></p> <p>[25] EN [54] <b>MEDICAL RETRIEVAL BASKET</b> [54] <b>DISPOSITIF MEDICAL D'EXTRACTION DE TYPE PANIER</b> [72] BATES, JAMES, US [71] SCIMED LIFE SYSTEMS, INC., US [85] 2000-11-15 [86] 1999-05-21 (PCT/US99/11340) [87] 1999-12-02 (WO99/60933) [30] US (09/084,135) 1998-05-22</p>	<p style="text-align: center;">[21] <b>2,332,424</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/32</b></p> <p>[25] EN [54] <b>DECONTAMINATION OF WATER BY PHOTOLYTIC OXIDATION/ REDUCTION UTILIZING NEAR BLACKBODY RADIATION</b> [54] <b>DECONTAMINATION DE L'EAU PAR UN PROCESSUS D'OXYDATION/ REDUCTION PHOTOLYTIQUE FAISANT INTERVENIR LE RAYONNEMENT PROCHE DU CORPS NOIR</b> [72] BENDER, JIM, US [71] NEW STAR LASERS, INC., US [85] 2000-11-15 [86] 1999-02-22 (PCT/US99/03855) [87] 1999-08-26 (WO99/42406) [30] US (09/028,019) 1998-02-23</p>	

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[21] **2,332,430**  
[13] A1

[51] **Int.Cl. 7A45D 33/00 7A45D 34/00 7A45D 40/00**  
[25] EN  
[54] **APPLICATOR FOR APPLYING AND DISTRIBUTING SUBSTANCES TO TARGET SURFACES**  
[54] **APPLICATEUR POUR L'APPLICATION ET LA DISTRIBUTION DE SUBSTANCES SUR DES SURFACES CIBLES**  
[72] TUTHILL, LYLE BROWN, US  
[72] ALTONEN, GENE MICHAEL, US  
[72] GIRARDOT, RICHARD MICHAEL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-15  
[86] 1999-06-30 (PCT/US99/14830)  
[87] 2000-01-06 (WO00/00059)  
[30] US (09/107,670) 1998-06-30  
[30] US (09/185,785) 1998-11-04

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[21] **2,332,431**  
[13] A1

[51] **Int.Cl. 7A61B 17/22**  
[25] EN  
[54] **ATHERECTOMY POWER CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE D'ENERGIE POUR ATHERECTOMIE**  
[72] HIRST, PAUL A., US  
[72] WENTZEL, DAVID, US  
[72] HIRST, PAUL A., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2000-11-15  
[86] 2000-03-09 (PCT/US00/06259)  
[87] 2000-09-28 (WO00/56230)  
[30] US (09/273,311) 1999-03-19

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[21] **2,332,434**  
[13] A1

[51] **Int.Cl. 6H01Q 11/08**  
[25] EN  
[54] **ANTENNA DEVICE COMPRISING CAPACITIVELY COUPLED RADIATING ELEMENTS AND A HAND-HELD RADIO COMMUNICATION DEVICE FOR SUCH ANTENNA DEVICE**  
[54] **DISPOSITIF A ANTENNE COMPORTANT DES ELEMENTS RAYONNANTS COUPLES DE MANIERE CAPACITIVE ET DISPOSITIF DE COMMUNICATION RADIO A MAIN POUR LEDIT DISPOSITIF**  
[72] BOUSQUET, THIERRY, FR  
[72] BARONE, GIANNI, IT  
[72] EDVARDSSON, OLOV, SE  
[72] BOHANNAN, RICHARD, SE  
[71] ALLGON AB, SE  
[85] 2000-11-15  
[86] 1999-05-17 (PCT/SE99/00840)  
[87] 1999-11-25 (WO99/60665)  
[30] SE (9801755-1) 1998-05-18

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[21] **2,332,487**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **QUANTITATIVE ANALYSIS OF GENE EXPRESSION USING PCR**  
[54] **ANALYSE QUANTITATIVE DE L'EXPRESSION DE GENES PAR PCR**  
[72] CAREY, JANET ELIZABETH, GB  
[71] PHARMAGENE LABORATORIES LTD., GB  
[85] 2001-01-04  
[86] 1999-07-21 (PCT/GB99/02359)  
[87] 2000-02-03 (WO00/05409)  
[30] GB (9815799.3) 1998-07-21

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[21] **2,332,488**  
[13] A1

[51] **Int.Cl. 7C12N 15/00 7A61K 38/00 7A61K 49/00 7A01K 67/027 7A61K 45/06 7C12N 5/10 7C12N 9/12**  
[25] EN  
[54] **CELLS AND ANIMALS DEFICIENT IN PROTEIN KINASE C EPSILON**  
[54] **CELLULES ET ANIMAUX DEFICIENTS EN PROTEINE KINASE C EPSILON**  
[72] HODGE, CLYDE W., US  
[72] MESSING, ROBERT O., US  
[71] HODGE, CLYDE W., US  
[71] MESSING, ROBERT O., US  
[85] 2001-01-05  
[86] 1999-07-02 (PCT/US99/15152)  
[87] 2000-01-13 (WO00/01805)  
[30] US (60/091,755) 1998-07-06  
[30] US (60/125,995) 1999-03-24  
[30] US (09/340,283) 1999-06-25

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[21] **2,332,490**  
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 7/16 6A61K 33/30 6A61K 7/36**  
[25] EN  
[54] **ODOUR ABSORBING AGENT**  
[54] **AGENT ABSORBANT LES ODEURS**  
[72] BUTCHER, KATE ELIZABETH, GB  
[72] DE GRAAF, THALIE PAULINA, GB  
[72] GALLEY, EDWARD, GB  
[71] THE BOOTS COMPANY PLC, GB  
[85] 2000-11-16  
[86] 1999-05-21 (PCT/EP99/03591)  
[87] 1999-11-25 (WO99/59539)  
[30] GB (9810806.1) 1998-05-21

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[21] **2,332,491**  
[13] A1  
[51] **Int.Cl. 7C12N 15/52 7C07K 19/00 7C12N 9/02 7C12N 9/04 7C12P 17/06 7C12N 9/10 7C12N 15/62 7C12P 19/62 7C12N 9/88**  
[25] EN  
[54] **POLYKETIDES, THEIR PREPARATION, AND MATERIALS FOR USE THEREIN**  
[54] **POLYCETIDES, PREPARATION ET MATIERES DESTINEES A ETRE UTILISEES DANS LESDITS POLYCETIDES**  
[72] KELLENBERGER, JOHANNES LAURENZ, CH  
[72] MCARTHUR, HAMISH ALASTAIR IRVINE, US  
[72] LEADLAY, PETER FRANCIS, GB  
[72] STAUNTON, JAMES, GB  
[72] STUTZMAN-ENGWALL, KIM JONELLE, US  
[71] PFIZER INC., US  
[71] BIOTICA TECHNOLOGY LIMITED, GB  
[85] 2001-01-02  
[86] 1999-07-06 (PCT/GB99/02158)  
[87] 2000-01-13 (WO00/01827)  
[30] GB (9814622.8) 1998-07-06

[21] **2,332,492**  
[13] A1  
[51] **Int.Cl. 6A61K 31/175 6C07D 413/04 6C07D 495/04 6C07C 281/06 6C07D 217/16 6C07D 265/30 6C07D 263/32 6A61K 31/34 6A61K 31/38 6A61K 31/41 6A61K 31/42 6A61K 31/425 6A61K 31/44 6A61K 31/47 6A61K 31/535 6C07D 213/54 6C07D 277/64 6C07D 307/81**  
[25] EN  
[54] **PROTEASE INHIBITORS**  
[54] **INHIBITEURS DE LA PROTEASE**  
[72] THOMPSON, SCOTT KEVIN, US  
[72] HALBERT, STACIE MARIE, US  
[72] VEBER, DANIEL FRANK, US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-11-16  
[86] 1998-08-20 (PCT/US98/17275)  
[87] 1999-11-25 (WO99/59570)  
[30] US (60/086,553) 1998-05-21

[21] **2,332,494**  
[13] A1  
[51] **Int.Cl. 7C12N 15/40 7C12N 7/01 7C07K 14/08 7C07K 16/10 7A61K 39/12 7G01N 33/569 7G01N 33/577 7C12Q 1/68 7A61K 31/7105**  
[25] EN  
[54] **EBOLA VIRION PROTEINS EXPRESSED FROM VENEZUELAN EQUINE ENCEPHALITIS (VEE) VIRUS REPLICONS**  
[54] **PROTEINES DU VIRION EBOLA EXPRIMEES A PARTIR DE REPLICONS DU VIRUS DE L'ENCEPHALOMYELITIS EQUINE DU VENEZUELA (EEV)**  
[72] WILSON, JULIE A., US  
[72] SCHMALJOHN, ALAN L., US  
[72] HART, MARY KATHERINE, US  
[72] PUSHKO, PETER, US  
[72] SMITH, JONATHAN F., US  
[71] U.S. MEDICAL RESEARCH INSTITUTE OF INFECTIOUS DISEASES, US  
[85] 2000-12-29  
[86] 1999-06-22 (PCT/US99/14311)  
[87] 2000-01-06 (WO00/00617)  
[30] US (60/091,403) 1998-06-29

[21] **2,332,496**  
[13] A1  
[51] **Int.Cl. 6A61K 6/08**  
[25] EN  
[54] **PHOTOPOLYMERIZABLE DENTAL COMPOSITIONS**  
[54] **COMPOSITIONS DENTAIRES PHOTOPOLYMERISABLES**  
[72] JACOBS, DWIGHT W., US  
[72] OXMAN, JOEL D., US  
[72] TROM, MATTHEW C., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-11-16  
[86] 1998-10-02 (PCT/US98/20836)  
[87] 1999-12-09 (WO99/62460)  
[30] US (09/092,550) 1998-06-05

[21] **2,332,497**  
[13] A1  
[51] **Int.Cl. 7C12N 15/11 7C12N 9/00 7C07H 21/02 7C12N 5/10 7A61K 31/70**  
[25] EN  
[54] **PRESENILIN 2 SPECIFIC RIBOZYME**  
[54] **RIBOZYME SPECIFIQUE DE PRESENILINE 2**  
[72] SAUER, NICOLE, DE  
[72] FECHTELER, KATJA, DE  
[72] MENDLA, KLAUS, DE  
[71] BOEHRINGER INGELHEIM PHARMA KG, DE  
[85] 2001-01-08  
[86] 1999-07-08 (PCT/EP99/04804)  
[87] 2000-01-20 (WO00/03004)  
[30] EP (98112653.5) 1998-07-09  
[30] US (60/126,200) 1999-03-25

[21] **2,332,500**  
[13] A1  
[51] **Int.Cl. 6A61K 7/48 6A61K 33/30 6A61K 7/36**  
[25] EN  
[54] **TOPICAL COMPOSITION**  
[54] **COMPOSITION TOPIQUE**  
[72] GALLEY, EDWARD, GB  
[72] DE GRAAF, THALIE PAULINA, GB  
[72] BUTCHER, KATE ELIZABETH, GB  
[71] THE BOOTS COMPANY PLC, GB  
[85] 2000-11-16  
[86] 1999-05-21 (PCT/EP99/03590)  
[87] 1999-11-25 (WO99/59538)  
[30] GB (9810803.8) 1998-05-21

[21] **2,332,502**  
[13] A1  
[51] **Int.Cl. 6C07C 253/34 6C07C 255/08**  
[25] EN  
[54] **RECOVERY OF ORGANICS FROM PROCESS FLARE HEADER**  
[54] **RECUPERATION DE PRODUITS ORGANIQUES DANS LE CADRE DU TRAITEMENT AU COLLECTEUR A LA TORCHE**  
[72] KECKLER, KENNETH P., US  
[72] GODBOLE, SANJAY P., US  
[71] BP AMOCO CORPORATION, US  
[85] 2000-11-17  
[86] 1999-05-18 (PCT/US99/11030)  
[87] 1999-11-25 (WO99/59963)  
[30] US (09/082,403) 1998-05-20

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[21] **2,332,504**  
[13] A1

[51] **Int.Cl. 6C07C 7/12 6C10G 70/04 6C07C 7/152**  
[25] EN  
[54] **OLEFIN PURIFICATION BY ADSORPTION OF ACETHYLENICS AND REGENERATION OF ADSORBENT**  
[54] **PURIFICATION OLEFINIQUE PAR ADSORPTION D'IMPURETES ACETYLENIQUES ET REGENERATION D'UN ADSORBANT**  
[72] WHITTAKER, ROBERT C., US  
[72] WILSAK, RICHARD A., US  
[72] PEI, SHIYOU, US  
[72] KAMINSKY, MARK P., US  
[71] BP AMOCO CORPORATION, US  
[85] 2000-11-17  
[86] 1999-04-28 (PCT/US99/09213)  
[87] 1999-11-25 (WO99/59943)  
[30] US (09/082,707) 1998-05-21

[21] **2,332,511**  
[13] A1

[51] **Int.Cl. 6A61K 31/195 6A61K 31/54 6A61K 35/78**  
[25] EN  
[54] **MTP ACTIVITY-LOWERING COMPOSITIONS**  
[54] **COMPOSITIONS DESTINEES A DIMINUER L'ACTIVITE MTP**  
[72] YANAGITA, TERUYOSHI, JP  
[72] ANNO, TAKAHIKO, JP  
[71] NIPPON SHINYAKU CO., LTD., JP  
[85] 2000-11-20  
[86] 1999-04-16 (PCT/JP99/02023)  
[87] 1999-12-02 (WO99/61015)  
[30] JP (10/141176) 1998-05-22

[21] **2,332,518**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **METHOD FOR USING UNEQUAL PRIMER CONCENTRATIONS FOR GENERATING NUCLEIC ACID AMPLIFICATION PRODUCTS**  
[54] **GENERATION DE PRODUITS D'AMPLIFICATION DE L'ACIDE NUCLEIQUE PAR UTILISATION DE CONCENTRATIONS INEGALES D'AMORCES**  
[72] SALITURO, JOHN A., US  
[72] CARRINO, JOHN L., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-11-15  
[86] 1999-05-11 (PCT/US99/10271)  
[87] 1999-11-25 (WO99/60159)  
[30] US (09/079,675) 1998-05-15

[21] **2,332,520**  
[13] A1

[51] **Int.Cl. 6C22B 11/06 6C22B 3/06 6C22B 3/42**  
[25] EN  
[54] **HYDROMETALLURGICAL TREATMENT PROCESS FOR EXTRACTION OF PLATINUM GROUP METALS OBVIATING THE MATTE SMELTING PROCESS**  
[54] **TRAITEMENT HYDROMETALLURGIQUE RENDANT INUTILE LE PROCESSUS DE FUSION POUR MATTE DANS UN PROCEDE D'EXTRACTION DE METAUX DE LA MINE DE PLATINE**  
[72] LIDDELL, KEITH STUART, AU  
[71] LIDDELL, KEITH STUART, AU  
[85] 2000-11-16  
[86] 1999-05-19 (PCT/IB99/00898)  
[87] 1999-11-25 (WO99/60178)  
[30] ZA (98/4212) 1998-05-19

[21] **2,332,521**  
[13] A1

[51] **Int.Cl. 6A61K 31/00**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION FOR TREATING OR PREVENTING SLEEP DISORDERS**  
[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A TRAITER OU PREVENIR LES TROUBLES DU SOMMEIL**  
[72] MIYAMOTO, MASAOMI, JP  
[72] OHKAWA, SHIGENORI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-11-20  
[86] 1999-06-08 (PCT/JP99/03057)  
[87] 1999-12-16 (WO99/63977)  
[30] JP (10/160270) 1998-06-09

[21] **2,332,525**  
[13] A1

[51] **Int.Cl. 6G02B 6/44 6G02B 6/00**  
[25] EN  
[54] **HIGH VOLTAGE INSULATOR FOR OPTICAL FIBERS**  
[54] **ISOLANT A HAUTE TENSION POUR FIBRES OPTIQUES**  
[72] JOHNSON, LEONARD A., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-11-16  
[86] 1998-10-09 (PCT/US98/21468)  
[87] 1999-12-09 (WO99/63377)  
[30] US (09/088,539) 1998-06-01

[21] **2,332,526**  
[13] A1

[51] **Int.Cl. 7A61K 9/08 7A61K 9/107**  
[25] EN  
[54] **NEW INJECTABLE FORMULATIONS CONTAINING RAMOPLANIN**  
[54] **NOUVELLES FORMULATIONS INJECTABLES CONTENANT RAMOPLANINE**  
[72] CIABATTI, ROMEO, IT  
[72] CANDIANI, GIANPAOLO, IT  
[72] CAVALERI, MARCO, IT  
[72] PARENTI, FRANCESCO, IT  
[71] BIOSEARCH ITALIA S.P.A., IT  
[85] 2000-11-20  
[86] 1999-07-19 (PCT/EP99/05137)  
[87] 2000-02-10 (WO00/06119)  
[30] EP (98/114368.8) 1998-07-30

[21] **2,332,528**  
[13] A1

[51] **Int.Cl. 6C07D 487/04 6A61K 31/50 6A61K 31/535**  
[25] EN  
[54] **PYRROLO-1,2-B]PYRIDAZINE SPLA2 INHIBITORY**  
[54] **INHIBITEUR SPLA2 PYRROLO-1,2-B]PYRIDAZINE**  
[72] FUJI, MASAHIRO, JP  
[72] FUKUI, YOSHIKAZU, JP  
[72] ADACHI, MAKOTO, JP  
[72] OHTANI, MITSUAKI, JP  
[71] SHIONOGI & CO., LTD., JP  
[85] 2000-11-16  
[86] 1999-05-20 (PCT/JP99/02630)  
[87] 1999-11-25 (WO99/59999)  
[30] JP (139319/1998) 1998-05-21  
[30] JP (244736/1998) 1998-08-31

[21] **2,332,531**  
[13] A1

[51] **Int.Cl. 6A61K 31/38 6C07D 401/00 6C07D 409/00 6C07D 411/00 6C07D 421/00 6A61K 31/395 6A61K 31/44 6C07D 211/70**  
[25] EN  
[54] **PROTEASE INHIBITORS**  
[54] **INHIBITEURS DE PROTEASE**  
[72] BONDINELL, WILLIAM EDWARD, US  
[72] DESJARLAIS, RENEE LOUISE, US  
[72] YAMASHITA, DENNIS SHINJI, US  
[72] VEBER, DANIEL FRANK, US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-11-16  
[86] 1999-05-20 (PCT/US99/11266)  
[87] 1999-11-25 (WO99/59526)  
[30] US (60/086,557) 1998-05-21

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,332,548</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/26</b> [25] EN [54] <b>METHOD AND APPARATUS FOR WATERMARK DETECTION FOR SPECIFIC SCALES AND ARBITRARY SHIFTS</b> [54] <b>TECHNIQUE DE DETECTION DE FILIGRANE POUR DES ECHELLES SPECIFIQUES ET DES DECALAGES ARBITRAIRES ET DISPOSITIF CORRESPONDANT</b> [72] COLLIER, DAVID C., US [71] MACROVISION CORPORATION, US [85] 2000-11-17 [86] 1999-02-17 (PCT/US99/03338) [87] 1999-11-25 (WO99/60791) [30] US (60/086,084) 1998-05-20</p>	<p style="text-align: right;">[21] <b>2,332,555</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/11</b> [25] EN [54] <b>NOVEL PROMOTER SEQUENCES OF MYOSTATIN GENE</b> [54] <b>NOUVELLES SEQUENCES PROMOTRICES DE GENE MYOSTATINE</b> [72] KAMBADUR, RAVI, NZ [72] BASS, JAMES J., NZ [72] JEANPLONG, FERENC, NZ [72] SHARMA, MRIDULA, NZ [71] NEW ZEALAND PASTORAL AGRICULTURE RESEARCH INSTITUTE LIMITED, NZ [85] 2001-01-05 [86] 1999-07-07 (PCT/NZ99/00107) [87] 2000-01-13 (WO00/01810) [30] NZ (330902) 1998-07-07</p>	<p style="text-align: right;">[21] <b>2,332,561</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/47 7A61K 38/17 7G01N 33/68</b> [25] EN [54] <b>COMPOUND CAPABLE OF INHIBITING THE BINDING OF A PROTEIN TO MAST CELLS, USE OF THE COMPOUND FOR THE PREPARATION OF A DRUG, A PHARMACEUTICAL COMPOSITION, A METHOD OF DIAGNOSING A DISEASE, AND A METHOD OF SELECTION</b> [54] <b>COMPOSE CAPABLE D'INHIBER LA LIAISON D'UNE PROTEINE AUX MASTOCYTES, UTILISATION DE CE COMPOSE DANS LA PREPARATION D'UN MEDICAMENT, COMPOSITION PHARMACEUTIQUE, PROCEDE POUR DIAGNOSTIQUER UNE MALADIE ET PROCEDE DE SELECTION</b> [72] NIJKAMP, FRANCISCUS PETRUS, NL [72] KRANEVELD, ALETTA DESIREE, NL [72] REDEGELD, FRANCISCUS ANTONIUS MARIA, NL [71] FORNIX BIOSCIENCES N.V., NL [85] 2001-01-09 [86] 1999-07-07 (PCT/NL99/00430) [87] 2000-01-20 (WO00/02915) [30] NL (1009601) 1998-07-09</p>
<p style="text-align: right;">[21] <b>2,332,550</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16K 27/00</b> [25] EN [54] <b>MODULAR SURFACE MOUNT MANIFOLD ASSEMBLIES</b> [54] <b>ASSEMBLAGES DISTRIBUTEURS MONTES SUR SURFACE MODULAIRE</b> [72] EIDSMORE, PAUL G., US [72] NORDSTROM, DOUGLAS, US [72] SCHILT-DEINES, CHRISTINE M., US [72] OLECHNOWICZ, BENJAMIN J., US [72] MOHLENKAMP, MICHAEL J., US [72] MCCOY, JAMES, US [71] THE SWAGELOK COMPANY, US [85] 2000-11-17 [86] 1999-05-18 (PCT/US99/10980) [87] 1999-11-25 (WO99/59392) [30] US (60/085,817) 1998-05-18 [30] US (60/102,277) 1998-09-29 [30] US (PCT/US99/04973) 1999-03-05</p>	<p style="text-align: right;">[21] <b>2,332,559</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00 6A61K 9/14 6A61K 39/145 6A61K 38/18 6A61K 38/27 6A61K 38/28 6A61K 47/30 6A61K 39/395 6A61K 47/42</b> [25] EN [54] <b>POWDERY PREPARATION FOR MUCOSAL ADMINISTRATION CONTAINING POLYMERIC MEDICINE</b> [54] <b>PREPARATION EN POUDRE POUR ADMINISTRATION PAR LES MUQUEUSES</b> [72] UEKI, YOSUKE, JP [72] NOMURA, HIDEAKI, JP [71] KIRIN-AMGEN INC., US [85] 2001-01-03 [86] 1999-07-01 (PCT/JP99/03563) [87] 2000-01-20 (WO00/02574) [30] JP (10/192722) 1998-07-08 [30] JP (11/81549) 1999-03-25</p>	<p style="text-align: right;">[21] <b>2,332,563</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/705 6C12P 21/02 6C07H 3/06 6A61K 38/17</b> [25] EN [54] <b>GLYCOSULFOPEPTIDES AND METHODS OF SYNTHESIS AND USE THEREOF</b> [54] <b>GLYCOSULFOPEPTIDE, TECHNIQUE DE SYNTHESE ET UTILISATION</b> [72] CUMMINGS, RICHARD D., US [72] MCEVER, RODGER P., US [71] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US [85] 2000-12-18 [86] 1999-06-15 (PCT/US99/13455) [87] 1999-12-23 (WO99/65712) [30] US (60/089,472) 1998-06-16</p>

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[21] **2,332,567**  
[13] A1

[51] **Int.Cl. 6H04L 12/28 6H04Q 11/04 6H04L 12/42**  
[25] EN  
[54] **INTEGRATED DATA CENTRIC NETWORK (IDCN)**  
[54] **RESEAU DE CENTRE DE DONNEES INTEGRE (IDCN)**  
[72] LO, WING F., US  
[72] BOURLAS, YAIR, US  
[72] SMITH, WENDY S., CA  
[72] SIU, PATRICK, CA  
[72] NOWAK, RICHARD J., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2000-11-16  
[86] 1999-06-01 (PCT/IB99/01259)  
[87] 1999-12-09 (WO99/63710)  
[30] US (60/087,675) 1998-06-02

[21] **2,332,570**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 39/02 7C07K 14/20 7G01N 33/569**  
[25] EN  
[54] **USES OF THE BORRELIACIDAL EPI TOPE(S) OF BORRELIA BURGDORFERI OUTER SURFACE PROTEIN C (OSPC) AS VACCINE**  
[54] **UTILISATIONS, EN TANT QUE VACCIN, D'EPITOPE(S) BORRELIACIDAL DE PROTEINE C DE SURFACE EXTERIEURE (OSPC) DE BORRELIA BURGDORFERI**  
[72] JOBE, DEAN A., US  
[72] LOVRICH, STEVEN D., US  
[72] CALLISTER, STEVEN N., US  
[72] SCHELL, RONALD F., US  
[71] GUNDERSEN LUTHERAN MEDICAL FOUNDATION, INC., US  
[85] 2001-01-10  
[86] 1999-07-30 (PCT/US99/17270)  
[87] 2000-02-10 (WO00/06745)  
[30] US (60/094,955) 1998-07-31

[21] **2,332,574**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12P 21/02 7C12N 5/10 7C07K 14/47 7C07K 14/705**  
[25] EN  
[54] **DNA ENCODING ORPHAN RECEPTORS**  
[54] **ADN CODANT POUR DES RECEPTEURS ORPHELINS**  
[72] BONINI, JAMES A., US  
[72] PATHIRANA, MARIE SUDAM, US  
[72] OGOZALEK, KRISTINE L., US  
[72] BOROWSKY, BETH, US  
[72] LICHTBLAU, HARVEY, US  
[71] SYNAPTIC PHARMACEUTICAL CORPORATION, US  
[85] 2000-12-06  
[86] 2000-04-06 (PCT/US00/09244)  
[87] 2000-10-12 (WO00/60081)  
[30] US (09/286,805) 1999-04-06

[21] **2,332,581**  
[13] A1

[51] **Int.Cl. 7A61B 5/0215 7A61B 5/00**  
[25] EN  
[54] **MEASUREMENT OF ONE OR MORE PHYSICAL PARAMETERS USING A MEDICAL PROBE**  
[54] **MESURE D'UN OU DE PLUSIEURS PARAMETRES PHYSIQUES PAR UNE SONDE MEDICALE**  
[72] CLERC, JEAN-FREDERIC, FR  
[72] PERRUCHOT, FRANCOIS, FR  
[72] RENARD, STEPHANE, FR  
[71] TRONIC'S MICROSYSTEMS, FR  
[71] ABSYS, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[85] 2000-11-16  
[86] 1999-05-17 (PCT/FR99/01168)  
[87] 1999-11-25 (WO99/59467)  
[30] FR (98/06235) 1998-05-18

[21] **2,332,582**  
[13] A1

[51] **Int.Cl. 6G01L 5/00 6H04B 7/00 6H04N 7/04 6A63F 9/22**  
[25] EN  
[54] **I\*DOLL**  
[54] **POUPEE INTELLIGENTE**  
[72] SANDLERMAN, NIMROD, IL  
[72] COHEN, MOSHE, IL  
[72] GABAI, JACOB, IL  
[72] GABAI, OZ, IL  
[71] CREATOR LTD., IL  
[85] 2000-11-16  
[86] 1999-05-20 (PCT/IL99/00271)  
[87] 1999-11-25 (WO99/60358)  
[30] US (09/081,889) 1998-05-20

[21] **2,332,590**  
[13] A1

[51] **Int.Cl. 7E06B 9/264**  
[25] EN  
[54] **INSULATING GLAZING UNIT PROVIDED WITH A BLIND**  
[54] **VITRAGE ISOLANT DOTE D'UN STORE VENITIEN**  
[72] ROSSINI, MAURO, IT  
[72] GALLOCCHIO, VANNI, IT  
[71] FINVETRO S.R.L., IT  
[85] 2000-11-16  
[86] 2000-03-16 (PCT/IB00/00285)  
[87] 2000-09-21 (WO00/55465)  
[30] IT (PD99A000052) 1999-03-17

[21] **2,332,597**  
[13] A1

[51] **Int.Cl. 6B01J 13/00 6B03C 1/00 6B01J 35/00 6G11C 13/06 6G01R 33/28 6H01F 1/44**  
[25] EN  
[54] **METHOD FOR MODIFYING THE DISPERSION CHARACTERISTICS OF METAL-ORGANIC-PRESTABILIZED OR PRE-TREATED NANOMETAL COLLOIDS**  
[54] **PROCEDE POUR MODIFIER LES PROPRIETES DE DISPERSION DE COLLOIDES DE NANOPARTICULES METALLIQUES PRESTABILISES OU PRETRAITES PAR VOIE ORGANO-METALLIQUE**  
[72] BONNEMANN, HELMUT, DE  
[72] BRINKMANN, RAINER, DE  
[72] BRIJOUX, WERNER, DE  
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE  
[85] 2000-11-16  
[86] 1999-05-14 (PCT/EP99/03319)  
[87] 1999-11-25 (WO99/59713)  
[30] DE (198 21 968.7) 1998-05-18

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[21] **2,332,598**  
[13] A1

[51] **Int.Cl. 6C21B 5/02**  
[25] EN  
[54] **COAL COMBUSTION ENHANCER AND METHOD OF USING IN BLAST FURNACE**  
[54] **ACTIVATEUR DE COMBUSTION DE CHARBON ET PROCEDE D'UTILISATION DE CET ACTIVATEUR DANS UN HAUT FOURNEAU**  
[72] MARGAN, MUTHUKUMARASWAMY KARANAI, IN  
[72] MCNEILL, JAMES S., US  
[72] GHOSH, SANTAU, IN  
[72] SENGUPTA, INDRONIL, IN  
[71] BETZDEARBORN INC., US  
[85] 2000-11-14  
[86] 1999-04-08 (PCT/US99/07741)  
[87] 1999-12-16 (WO99/64636)  
[30] US (09/094,335) 1998-06-09

[21] **2,332,599**  
[13] A1

[51] **Int.Cl. 6B01J 27/26 6B01J 31/02 6C08G 65/10**  
[25] EN  
[54] **DOUBLE METAL CYANIDE CATALYSTS CONTAINING CYCLIC, BIDENTATE COMPLEXING AGENTS**  
[54] **CATALYSEURS AU CYANURE BIMETALLIQUE CONTENANT DES AGENTS COMPLEXANTS CYCLIQUES BIDENTES**  
[72] FARAJ, MAHMOUD K., US  
[72] WANG, WEI, US  
[72] LE-KHAC, BI, US  
[71] BAYER ANTWERPEN N.V., BE  
[85] 2000-11-16  
[86] 1999-05-07 (PCT/EP99/03147)  
[87] 1999-11-25 (WO99/59719)  
[30] US (09/080,780) 1998-05-18

[21] **2,332,600**  
[13] A1

[51] **Int.Cl. 6C07C 29/78 6A23G 3/00 6C07C 31/18 6A23L 1/236**  
[25] EN  
[54] **CRYSTALLIZATION OF XYLITOL, CRYSTALLINE XYLITOL PRODUCT AND USE THEREOF**  
[54] **CRISTALLISATION DU XYLITOL, PRODUIT AU XYLITOL CRISTALLIN ET SON UTILISATION**  
[72] PEPPER, TAMMY, GB  
[72] HEIKKILA, HEIKKI, FI  
[72] GROS, HAKAN, FI  
[72] PEARSON, JULITA, GB  
[72] SARKKI, MARJA-LEENA, FI  
[72] NYGREN, JOHANNA, FI  
[72] EROMA, OLLI-PEKKA, FI  
[71] XYROFIN OY, FI  
[85] 2000-11-16  
[86] 1999-05-17 (PCT/FI99/00423)  
[87] 1999-11-25 (WO99/59426)  
[30] FI (981104) 1998-05-18

[21] **2,332,602**  
[13] A1

[51] **Int.Cl. 6E01C 9/00 6E03F 1/00 6E01C 3/06**  
[25] EN  
[54] **WATER FLOW CONTROL SYSTEM**  
[54] **SYSTEME DE REGULATION D'ECOULEMENT D'EAU**  
[72] PRATT, CHRISTOPHER JOHN, GB  
[71] COVENTRY UNIVERSITY, GB  
[85] 2000-11-16  
[86] 1999-05-17 (PCT/GB99/01552)  
[87] 1999-11-25 (WO99/60212)  
[30] GB (9810444.1) 1998-05-16

[21] **2,332,604**  
[13] A1

[51] **Int.Cl. 6G01D 5/26 6G01L 9/00 6G01K 5/52**  
[25] EN  
[54] **AN OPTICALLY ADDRESSED SENSING SYSTEM**  
[54] **SYSTEME DE DETECTION A ADRESSAGE OPTIQUE**  
[72] PECHSTEDT, RALF-DIETER, GB  
[72] LU, YICHENG, GB  
[72] DE'ATH, JAMES, GB  
[72] MCKENZIE, JAMES STUART, GB  
[71] BOOKHAM TECHNOLOGY PLC, GB  
[85] 2000-11-16  
[86] 1999-05-20 (PCT/GB99/01604)  
[87] 1999-11-25 (WO99/60341)  
[30] GB (9810789.9) 1998-05-20

[21] **2,332,608**  
[13] A1

[51] **Int.Cl. 6A61K 31/675 6A61K 31/40 6A61K 31/41 6A61K 31/415 6A61K 31/44 6A61K 31/47 6A61K 31/505 6A61K 31/55**  
[25] EN  
[54] **PREVENTING CEREBRAL INFARCTION THROUGH ADMINISTRATION OF ADP-RECEPTOR ANTIPLATELET AND ANTIHYPERTENSIVE DRUGS IN COMBINATION**  
[54] **PREVENTION DE L'INFARCTUS CEREBRAL PAR ADMINISTRATION D'UNE COMBINAISON D'UN ANTI-AGREGANT PLAQUETTAIRE BLOQUANT LES RECEPTEURS D'ADP ET D'UN MEDICAMENT ANTIHYPERTENSEUR**  
[72] BLUMENTHAL, MELVIN S., US  
[72] PLAT, FRANCIS R., US  
[72] CONIGLIO, ANTHONY A., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2000-11-15  
[86] 1999-06-09 (PCT/US99/12934)  
[87] 1999-12-23 (WO99/65500)  
[30] US (60/089,650) 1998-06-17

[21] **2,332,611**  
[13] A1

[51] **Int.Cl. 6B65D 77/28**  
[25] EN  
[54] **STOPPERS FOR INDIVIDUAL BEVERAGE CONTAINERS**  
[54] **BOUCHONS POUR RECIPIENTS A BOISSON**  
[72] HAUGHTON, KEITH LOUIS, CA  
[72] HILLAR, PETER CHRISTOPHER MICHAEL, CA  
[72] HAUGHTON, GLENN WALLACE, CA  
[71] GREYFIELD CONSTRUCTION CO., LTD., CA  
[71] TETRASON DIVERSIFIED CORP., CA  
[85] 2000-11-15  
[86] 1999-05-13 (PCT/CA99/00400)  
[87] 1999-11-25 (WO99/59893)  
[30] US (09/080,224) 1998-05-18



## PCT Applications Entering the National Phase

[21] **2,332,614**  
[13] A1

[51] **Int.Cl. 7G02B 6/02**  
[25] EN  
[54] **THERMALLY EXPANDED  
MULTIPLE CORE FIBER**  
[54] **FIBRE A PLUSIEURS NOYAUX  
DILATES PAR VOIE THERMIQUE**  
[72] HUANG, YONG, US  
[72] CHANG, KOK WAI, US  
[71] E-TEK DYNAMICS, INC., US  
[85] 2000-11-16  
[86] 2000-03-20 (PCT/US00/07383)  
[87] 2000-09-28 (WO00/57220)  
[30] US (09/275,354) 1999-03-23

[21] **2,332,620**  
[13] A1

[51] **Int.Cl. 6C23C 22/48 6C23C 22/56  
6C23C 22/57**  
[25] EN  
[54] **COMPOSITION AND PROCESS  
FOR TREATING SURFACES OF LIGHT  
METALS AND THEIR ALLOYS**  
[54] **COMPOSITION ET PROCEDE  
PERMETTANT DE TRAITER LES  
SURFACES DES METAUX LEGERES ET  
DE LEURS ALLIAGES**  
[72] KAWAGUCHI, MOTOKI, JP  
[72] MAEDA, KAZUHIRO, JP  
[72] NAKADA, KAZUYA, JP  
[71] HENKEL CORPORATION, US  
[85] 2000-11-16  
[86] 1999-05-20 (PCT/US99/10450)  
[87] 1999-11-25 (WO99/60186)  
[30] JP (10/137886) 1998-05-20

[21] **2,332,621**  
[13] A1

[51] **Int.Cl. 6C03C 25/02 6C08K 5/053  
6C08K 3/16 6C08K 3/30 6C08K 3/32  
6C08K 5/405 6C08K 5/57**  
[25] EN  
[54] **CORROSION INHIBITING  
COMPOSITION FOR POLYACRYLIC  
ACID BASED BINDERS**  
[54] **COMPOSITION LIMITANT LA  
CORROSION POUR LIANTS A BASE  
D'ACIDE POLYACRYLIQUE**  
[72] BRANNON, KATHRYN, L., US  
[72] AGRAWAL, ARUN, K., US  
[72] WILLIAMS, STEVEN, H., US  
[72] CHEN, LIANG, US  
[71] OWENS CORNING, US  
[85] 2000-11-16  
[86] 1999-05-18 (PCT/US99/10963)  
[87] 1999-12-02 (WO99/61384)  
[30] US (60/087,038) 1998-05-28

[21] **2,332,622**  
[13] A1

[51] **Int.Cl. 7G02F 1/155 7G02F 1/153  
7H01M 4/74**  
[25] EN  
[54] **ELECTROCHEMICAL DEVICE,  
SUCH AS AN ELECTRICALLY  
CONTROLLED SYSTEM WITH  
VARIABLE OPTICAL AND/OR  
ENERGY PROPERTIES**  
[54] **DISPOSITIF ELECTROCHIMIQUE,  
DU TYPE SYSTEME  
ELECTROCOMMANDABLE A  
PROPRIETES OPTIQUES ET/OU  
ENERGETIQUES VARIABLES**  
[72] GIRON, JEAN-CHRISTOPHE, FR  
[72] BETEILLE, FABIEN, FR  
[72] MORIN, CLAUDE, FR  
[71] SAINT-GOBAIN GLASS FRANCE, FR  
[85] 2000-11-16  
[86] 2000-03-17 (PCT/FR00/00675)  
[87] 2000-09-28 (WO00/57243)  
[30] FR (99/03420) 1999-03-19

[21] **2,332,624**  
[13] A1

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **BREATH FRESHENING CHEWING  
GUM WITH ENCAPSULATIONS**  
[54] **CHEWING GUM  
RAFRAICHISSANT A ELEMENTS  
ENCAPSULES**  
[72] KHURANA, AMRIK L., US  
[72] CHERUKURI, SUBRAMAN R., US  
[72] STRAIT, MATTHEW J., US  
[72] CHAU, TOMMY L., US  
[72] SCHALLER, MARTIN K., JR., US  
[71] BIOVAIL TECHNOLOGIES LTD., US  
[85] 2000-11-16  
[86] 1999-04-22 (PCT/US99/08788)  
[87] 1999-11-25 (WO99/59428)  
[30] IE (980374) 1998-05-18  
[30] US (09/290,317) 1999-04-12

[21] **2,332,626**  
[13] A1

[51] **Int.Cl. 7G02B 27/10 7H04J 14/00**  
[25] EN  
[54] **CONFIGURABLE OPTICAL ADD/  
DROP DEVICE**  
[54] **DISPOSITIF D'INSERTION-  
EXTRACTION OPTIQUE POUVANT  
ETRE CONFIGURE**  
[72] MA, XING, US  
[72] CHEN, JYEHONG, US  
[72] LEI, GANG, US  
[72] CAI, BO, US  
[71] E-TEK DYNAMICS, INC., US  
[85] 2000-11-16  
[86] 2000-03-21 (PCT/US00/07360)  
[87] 2000-09-28 (WO00/57226)  
[30] US (09/275,511) 1999-03-24

[21] **2,332,628**  
[13] A1

[51] **Int.Cl. 7C12N 15/29 7A01H 5/00  
7C12N 5/10 7C07K 14/415 7C12N 15/61  
7C12N 15/82**  
[25] EN  
[54] **SEED-PREFERRED PROMOTERS**  
[54] **PROMOTEURS PREFERES DES  
GRAINES**  
[72] WANG, XUN, US  
[72] BOWEN, BENJAMIN A., US  
[72] MARTINO-CATT, SUJAN J., US  
[72] LAPPEGARD, KATHRYN K., US  
[71] PIONEER HI-BRED  
INTERNATIONAL, INC., US  
[85] 2001-02-20  
[86] 1999-08-17 (PCT/US99/18628)  
[87] 2000-03-02 (WO00/11177)  
[30] US (60/097,233) 1998-08-20

[21] **2,332,630**  
[13] A1

[51] **Int.Cl. 7H01Q 21/30**  
[25] EN  
[54] **MULTIBAND ANTENNA**  
[54] **ANTENNE MULTIBANDE**  
[72] HAUNBERGER, THOMAS, DE  
[71] KATHREIN-WERKE KG, DE  
[85] 2000-11-16  
[86] 2000-03-16 (PCT/EP00/02356)  
[87] 2000-09-28 (WO00/57514)  
[30] DE (199 12 465.5) 1999-03-19

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[21] **2,332,633**  
[13] A1  
[51] **Int.Cl. 7A61K 7/021 7A61K 7/025**  
[25] EN  
[54] **METHOD AND SYSTEM FOR COLOR CUSTOMIZING COSMETIC MASS PRODUCTS**  
[54] **PROCEDE ET SYSTEME PERMETTANT DE CREER DES PRODUITS DE PREPARATIONS COSMETIQUES A COULEUR PERSONALISEE**  
[72] LOMBARDI, JACK, US  
[72] MORANTE, NICHOLAS, US  
[71] COLOR ACCESS, INC., US  
[85] 2000-11-15  
[86] 2000-03-16 (PCT/US00/06948)  
[87] 2000-09-21 (WO00/54736)  
[30] US (09/270,458) 1999-03-17

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[21] **2,332,642**  
[13] A1  
[51] **Int.Cl. 6C07K 19/00 6A61K 39/385 6A61K 47/48**  
[25] EN  
[54] **METHOD FOR PRODUCING OR ENHANCING A T-CELL RESPONSE AGAINST A TARGET CELL USING A COMPLEX COMPRISING AN HLA CLASS I MOLECULE AND AN ATTACHING MEANS**  
[54] **PROCEDE DE PRODUCTION OU D'AMELIORATION D'UNE REPOSE DES LYMPHOCYTES T CONTRE UNE CELLULE CIBLE A L'AIDE D'UN COMPLEXE COMPRENANT UNE MOLECULE HLA DE CLASSE I ET UN DISPOSITIF D'ATTACHE**  
[72] SAVAGE, PHILIP MICHAEL, GB  
[71] ALEXIS BIOTECH LIMITED, GB  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/GB99/01764)  
[87] 1999-12-16 (WO99/64464)  
[30] GB (9812227.8) 1998-06-05  
[30] GB (9908333.9) 1999-04-12

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[21] **2,332,643**  
[13] A1  
[51] **Int.Cl. 6C12N 9/00 6A01H 5/00 6A01H 5/10 6C12N 15/82**  
[25] EN  
[54] **DNA ENCODING OAT ACETYL COA CARBOXYLASE**  
[54] **ADN CODANT ACETYLE COA CARBOXYLASE DE L'AVOINE**  
[72] KIANIAN, SHAHRYAR F., US  
[72] EGLI, MARGARET A., US  
[72] GROH, SUSANNE, US  
[72] FULCHER, R. GARY, US  
[72] SOMERS, DAVID A., US  
[72] PHILLIPS, RONALD L., US  
[71] UNITED STATES OF AMERICA REPRESENTED BY THE SECRETARY, DEPARTMENT OF AGR, US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[85] 2000-12-21  
[86] 1999-06-22 (PCT/US99/14022)  
[87] 1999-12-29 (WO99/67367)  
[30] US (60/090,240) 1998-06-22  
[30] US (60/091,640) 1998-07-02

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[21] **2,332,645**  
[13] A1  
[51] **Int.Cl. 6H02J 9/06**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PRODUCING STANDBY UNINTERRUPTIBLE POWER FOR AC LOADS USING RECTIFIED AC AND BATTERY**  
[54] **SYSTEMES ET PROCEDES PERMETTANT D'ASSURER UNE ALIMENTATION DE SECOURS SANS INTERRUPTION POUR DES CHARGES EN COURANT ALTERNATIF AU MOYEN D'UN COURANT ALTERNATIF REDRESSE ET D'UNE PILE**  
[72] OUGHTON, GEORGE W., JR., US  
[71] POWERWARE CORPORATION, US  
[85] 2000-11-15  
[86] 1999-03-16 (PCT/US99/05605)  
[87] 1999-11-25 (WO99/60690)  
[30] US (09/082,850) 1998-05-21

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[21] **2,332,646**  
[13] A1  
[51] **Int.Cl. 6C11D 1/66 6C07H 3/00 6C08B 37/18**  
[25] EN  
[54] **SURFACE-ACTIVE ALKYLURETHANES OF FRUCTANS**  
[54] **ALKYLURETHANES DE FRUCTOSANES COMME AGENTS DE SURFACE**  
[72] DAENEKINDT, LUCIEN, BE  
[72] LAQUIERE, ISABELLE M.-A., BE  
[72] BOOTEN, KARL, BE  
[72] STEVENS, CHRISTIAN VICTOR, BE  
[71] TIENSE SUIKERRAFFINADERIJ N.V., BE  
[85] 2000-11-15  
[86] 1999-06-08 (PCT/EP99/03931)  
[87] 1999-12-16 (WO99/64549)  
[30] EP (98870135.5) 1998-06-11

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[21] **2,332,647**  
[13] A1  
[51] **Int.Cl. 6A61M 39/00**  
[25] EN  
[54] **DRESSING COMPRISING A FLAT DRESSING PART FOR ACCOMMODATING A HOLDER FOR A NEEDLE, A TUBE OR A CATHETER**  
[54] **PANSEMENT COMPORTANT UNE PARTIE PLATE DESTINEE A RECEVOIR UN SUPPORT DE CANULE, DE SONDE OU DE CATHETER**  
[72] WOHNHAS, STEFAN, DE  
[72] JAECKEL, RALF, DE  
[72] JORDAN, SILVIA, DE  
[71] GIP MEDIZINTECHNIK GMBH, DE  
[85] 2000-11-16  
[86] 1999-05-16 (PCT/DE99/01458)  
[87] 1999-11-25 (WO99/59671)  
[30] DE (298 08 821.5) 1998-05-17

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[21] **2,332,648**  
[13] A1

[51] **Int.Cl. 6B67D 5/378 6G01N 29/02**  
[25] EN  
[54] **APPARATUS FOR DETECTING HYDROCARBONS USING CRYSTAL OSCILLATORS WITHIN FUEL DISPENSERS**  
[54] **APPAREIL DE DETECTION D'HYDROCARBURES AU MOYEN D'OSCILLATEURS A QUARTZ DANS DES DISTRIBUTEURS DE CARBURANT**  
[72] BROWN, ARTHUR, US  
[72] KOCH, WOLFGANG H., US  
[71] TOKHEIM CORPORATION, US  
[85] 2000-11-15  
[86] 1999-08-06 (PCT/US99/17731)  
[87] 2000-02-24 (WO00/09439)  
[30] US (09/134,116) 1998-08-14

[21] **2,332,649**  
[13] A1

[51] **Int.Cl. 6A61K 48/00 6A61K 45/00 6A61K 9/20 6A61K 47/30 6A61K 31/70 6A61K 35/76**  
[25] EN  
[54] **SOLID PREPARATIONS FOR ORAL ADMINISTRATION OF DRUGS RELATING TO GENES**  
[54] **PREPARATIONS SOLIDES POUR ADMINISTRATION ORALE DE MEDICAMENTS RELATIFS A DES GENES**  
[72] TANIDA, NORIFUMI, JP  
[72] GOTO, TAKESHI, JP  
[72] AOKI, JUN, JP  
[71] HISAMITSU PHARMACEUTICAL CO., INC., JP  
[85] 2000-11-16  
[86] 1999-05-17 (PCT/JP99/02546)  
[87] 1999-11-25 (WO99/59639)  
[30] JP (10/153912) 1998-05-19

[21] **2,332,699**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6A61K 48/00 6C12N 15/00 6C07H 21/04 6C12N 15/85 6C12N 15/86**  
[25] EN  
[54] **ANTISENSE OLIGONUCLEOTIDES TARGETED TO IL-15**  
[54] **OLIGONUCLEOTIDES ANTI-SENS CIBLANT L'IL-15**  
[72] HAMANAKA, SHOJI, JP  
[72] VEERAPANANE, DANGE, US  
[72] HIROYUKI, KUBO, US  
[72] NOZAWA, IWAO, US  
[71] HISAMITSU PHARMACEUTICAL CO., INC., JP  
[85] 2001-01-05  
[86] 1999-07-07 (PCT/US99/15499)  
[87] 2000-01-13 (WO00/01851)  
[30] US (60/091,873) 1998-07-07

[21] **2,332,700**  
[13] A1

[51] **Int.Cl. 7C12N 15/54 7A01H 5/00 7A01H 5/10 7C12N 5/10 7C12N 15/55 7C12N 15/60 7C12N 15/82**  
[25] EN  
[54] **EXPRESSION OF HERBICIDE TOLERANCE GENES IN PLANT PLASTIDS**  
[54] **EXPRESSION GENIQUE DE TOLERANCE AUX HERBICIDES DANS LES PLASTES DE VEGETAUX**  
[72] MCBRIDE, KEVIN E., US  
[72] HAJDUKIEWICZ, PETER, US  
[72] STAUB, JEFFREY M., US  
[72] YE, GUANGNING, US  
[72] SCHAAF, DAVID J., US  
[72] STALKER, DAVID M., US  
[72] NEHRA, NARENDER, US  
[71] CALGENE LLC, US  
[85] 2001-01-09  
[86] 1999-07-10 (PCT/US99/15472)  
[87] 2000-01-20 (WO00/03022)  
[30] US (09/113,257) 1998-07-10

[21] **2,332,701**  
[13] A1

[51] **Int.Cl. 7C12N 5/02 7C12N 5/06**  
[25] EN  
[54] **MEDIUM AND MATRIX FOR LONG-TERM PROLIFERATION OF CELLS**  
[54] **MILIEU ET MATRICE POUR PROLIFERATION DE CELLULES A LONG TERME**  
[72] KLANN, RICHARD CHRIS, US  
[72] USALA, ANTON-LEWIS, US  
[71] ENCELLE, INC., US  
[85] 2001-01-09  
[86] 1999-07-09 (PCT/US99/15464)  
[87] 2000-01-20 (WO00/02999)  
[30] US (09/113,437) 1998-07-10

[21] **2,332,767**  
[13] A1

[51] **Int.Cl. 7A61K 31/00**  
[25] EN  
[54] **DHEA COMPOSITION AND METHOD**  
[54] **COMPOSITION DE DHEA ET PROCEDE**  
[72] YONKER, MAXINE B., US  
[72] SCHWARTZ, KENNETH E., US  
[72] GURWITH, MARC J., US  
[72] PARASRAMPURIA, JAGDISH, US  
[71] GENELABS TECHNOLOGIES, INC., US  
[85] 2000-11-14  
[86] 2000-03-16 (PCT/US00/06987)  
[87] 2000-09-21 (WO00/54763)  
[30] US (60/125,201) 1999-03-18

[21] **2,332,774**  
[13] A1

[51] **Int.Cl. 6A61K 38/00 6A61K 39/00 6A61K 39/385 6A61K 31/415 6A61K 31/425 6A61K 31/44**  
[25] EN  
[54] **METHOD FOR THE TREATMENT OF GASTROESOPHAGEAL REFLUX DISEASE**  
[54] **METHODE DE TRAITEMENT DE REFLUX GASTRO-OESOPHAGIEN PATHOLOGIQUE**  
[72] KARR, STEPHEN, US  
[72] MICHAELI, DOV, US  
[72] GRIMES, STEPHEN, US  
[72] GEVAS, PHILIP C., US  
[71] APHTON CORPORATION, US  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10734)  
[87] 1999-11-25 (WO99/59612)  
[30] US (60/085,610) 1998-05-15

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[21] **2,332,777**  
[13] A1

[51] **Int.Cl. 6F04D 19/04 6F04D 17/16**  
[25] EN  
[54] **FRICION VACUUM PUMP WITH A STATOR AND A ROTOR**  
[54] **POMPE A VIDE A FRICTION DOTE D'UN STATOR ET D'UN ROTOR**  
[72] FISCHER, HANS-RUDOLF, DE  
[72] WALTER, GERHARD WILHELM, DE  
[72] BEYER, CHRISTIAN, DE  
[72] ENGLANDER, HEINRICH, DE  
[72] HENRY, MARKUS, DE  
[72] ADAMIETZ, RALF, DE  
[72] SCHUTZ, GUNTER, DE  
[71] LEYBOLD VAKUUM GMBH, DE  
[85] 2000-11-14  
[86] 1998-09-11 (PCT/EP98/05802)  
[87] 1999-11-25 (WO99/60275)  
[30] DE (198 21 634.3) 1998-05-14

[21] **2,332,795**  
[13] A1

[51] **Int.Cl. 6A61L 15/26 6A61L 15/58**  
[25] EN  
[54] **FILM DRESSING OR A TAPE FOR ATTACHMENT TO SKIN**  
[54] **PANSEMENT OU ADHESIF DESTINE A ETRE APPLIQUE SUR LA PEAU**  
[72] NYSSSEN, MARIE-ANGE, BE  
[72] FABO, TOMAS, SE  
[72] ARESKOUG, STEFAN, SE  
[71] MOLNLYCKE HEALTH CARE AB, SE  
[85] 2000-11-20  
[86] 1999-05-27 (PCT/SE99/00904)  
[87] 1999-12-02 (WO99/61078)  
[30] SE (9801898-9) 1998-05-28

[21] **2,332,825**  
[13] A1

[51] **Int.Cl. 6A61K 31/47**  
[25] EN  
[54] **PERIPHERAL BENZODIAZEPINE RECEPTOR LIGANDS**  
[54] **LIGANDS DE RECEPTEURS PERIPHERIQUE DE LA BENZODIAZEPINE**  
[72] WATERFIELD, J. DOUGLAS, CA  
[72] MCGEER, PATRICK L., CA  
[72] KLEGERIS, ANDIS, CA  
[72] MCGEER, EDITH G., CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 2000-11-20  
[86] 1998-05-22 (PCT/CA98/00502)  
[87] 1999-12-02 (WO99/61024)

[21] **2,332,827**  
[13] A1

[51] **Int.Cl. 7H04N 3/15**  
[25] EN  
[54] **DRIVE CONTROL METHOD FOR PHOTOSENSOR SYSTEM**  
[54] **PROCEDE DE COMMANDE D'ENTRAINEMENT DE SYSTEME PHOTODETECTEUR**  
[72] SUMI, SHINOBU, JP  
[72] NAKAMURA, YOSHIKI, JP  
[71] CASIO COMPUTER CO., LTD., JP  
[85] 2000-11-17  
[86] 2000-03-28 (PCT/JP00/01896)  
[87] 2000-10-19 (WO00/62529)  
[30] JP (11/103413) 1999-04-09  
[30] JP (11/252108) 1999-09-06

[21] **2,332,828**  
[13] A1

[51] **Int.Cl. 6E06B 9/00 6E06B 3/70**  
[25] EN  
[54] **A CLOSURE ASSEMBLY**  
[54] **ENSEMBLE DE FERMETURE**  
[72] ABOLKHEIR, MOHAMED HOSNY, GB  
[71] ABOLKHEIR GROUP (UK) LTD., GB  
[85] 2000-11-17  
[86] 1999-04-16 (PCT/GB99/01165)  
[87] 1999-11-25 (WO99/60243)  
[30] GB (9810873.1) 1998-05-20

[21] **2,332,830**  
[13] A1

[51] **Int.Cl. 6B07B 1/10 6B07B 13/16 6B07B 1/52**  
[25] EN  
[54] **SEPARATING DEVICE FOR SOLIDS AND METHOD FOR THE SEPARATION OF SOLIDS**  
[54] **DISPOSITIF ET PROCEDE DE DIVISION D'UNE MATIERE SOLIDE**  
[72] VON RHEIN, WINFRIED, DE  
[72] WERDINIG, HELMUT, DE  
[72] RIGGENMANN, REINHOLD, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-11-20  
[86] 1999-05-19 (PCT/DE99/01502)  
[87] 1999-12-02 (WO99/61171)  
[30] DE (198 23 019.2) 1998-05-22

[21] **2,332,831**  
[13] A1

[51] **Int.Cl. 6C07D 413/14 6C07D 413/12 6A61K 31/42 6A61K 31/44 6A61K 31/50 6A61K 31/505**  
[25] EN  
[54] **OXAZOLIDINONE DERIVATIVES, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[54] **DERIVES D'OXAZOLIDINONE, LEUR PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CEUX-CI**  
[72] GRAVESTOCK, MICHAEL BARRY, GB  
[71] ASTRAZENECA AB, SE  
[85] 2000-11-17  
[86] 1999-06-03 (PCT/GB99/01737)  
[87] 1999-12-16 (WO99/64416)  
[30] GB (9812019.9) 1998-06-05

[21] **2,332,832**  
[13] A1

[51] **Int.Cl. 6B01D 53/22 6C01B 13/02 6B01D 71/02**  
[25] EN  
[54] **A MEMBRANE AND USE THEREOF**  
[54] **FEMBRANE ET SON UTILISATION**  
[72] BREIVIK, TURID, NO  
[72] GLENNE, RITA, NO  
[72] JULSRUD, STEIN, NO  
[72] VIGELAND, BENT, NO  
[71] NORSK HYDRO ASA, NO  
[85] 2000-11-20  
[86] 1998-06-05 (PCT/NO98/00172)  
[87] 1999-11-25 (WO99/59702)  
[30] NO (19982321) 1998-05-20

[21] **2,332,833**  
[13] A1

[51] **Int.Cl. 6G01N 15/02 6A61N 5/06**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DETERMINING TISSUE CHARACTERISTICS**  
[54] **APPAREIL ET PROCEDE POUR DETERMINER LES CARACTERISTIQUES DE TISSUS**  
[72] ARCHE, GLENN STEVEN, US  
[72] BAMBOT, SHABBIR, US  
[72] FAUPEL, MARK L., US  
[71] SPECTRX, INC., US  
[85] 2000-11-17  
[86] 1999-05-19 (PCT/US99/10947)  
[87] 1999-11-25 (WO99/60377)  
[30] US (60/085,941) 1998-05-19

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,332,834</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 25/02</b> [25] EN [54] <b>ADHESIVE SYSTEM FOR ATTACHING MEDICAL DEVICES TO A SURFACE</b> [54] <b>SYSTEME ADHESIF PERMETTANT DE FIXER DES DISPOSITIFS MEDICAUX A UNE SURFACE</b> [72] BRODEUR, CRAIG, US [72] CABIRI, OZ, IL [72] GROSS, JOSEPH, IL [72] TSALS, IZRAIL, US [72] ETHEREDGE, ROBERT, US [72] ROZANOWICH, MARIO, IL [72] KATZ, DAVID, IL [72] DANON, HAIM, IL [71] ELAN PHARMA INTERNATIONAL LIMITED, IE [85] 2000-11-17 [86] 1999-05-19 (PCT/IE99/00046) [87] 1999-11-25 (WO99/59665) [30] US (60/086,207) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,332,837</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 29/62 6C07C 29/00</b> [25] EN [54] <b>METHODS FOR CONVERTING LOWER ALKANES AND ALKENES TO ALCOHOLS AND DIOLS</b> [54] <b>PROCEDES SERVANT A CONVERTIR DES ALCANES ET DES ALCENES INFERIEURS EN ALCOOLS ET EN DIOLS</b> [72] MILLER, JORGE, US [71] JLM TECHNOLOGY, US [85] 2000-11-20 [86] 1999-05-17 (PCT/US99/10869) [87] 1999-11-25 (WO99/59946) [30] US (60/086,089) 1998-05-20 [30] US (09/121,768) 1998-07-26</p>	<p style="text-align: right;">[21] <b>2,332,841</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04R 1/10 6H04M 1/05</b> [25] EN [54] <b>HEAD WORN ENTERTAINMENT AND/OR COMMUNICATION DEVICE</b> [54] <b>DISPOSITIF CASQUE ET/OU DE COMMUNICATION</b> [72] LOGAN, TY, AU [71] LOGAN, TY, AU [85] 2000-11-20 [86] 1999-05-20 (PCT/AU99/00380) [87] 1999-11-25 (WO99/60816) [30] AU (67977/98) 1998-05-20</p>
<p style="text-align: right;">[21] <b>2,332,835</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F03G 7/06</b> [25] EN [54] <b>MICROELECTROMECHANICAL ROTARY STRUCTURES</b> [54] <b>STRUCTURES ROTATIVES MICRO-ELECTROMECHANIQUES</b> [72] HILL, EDWARD A., US [71] CRONOS INTEGRATED MICROSYSTEMS, INC., US [85] 2000-11-20 [86] 2000-02-16 (PCT/US00/03867) [87] 2000-09-28 (WO00/57055) [30] US (09/275,058) 1999-03-23</p>	<p style="text-align: right;">[21] <b>2,332,838</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04F 11/18</b> [25] EN [54] <b>HANDRAIL/LEANING RAIL</b> [54] <b>MAIN COURANTE/BARRE DE SUPPORT</b> [72] WILLIAMS, HOWARD J., US [72] BUSSLER, WILLIAM L., US [71] CONSTRUCTION SPECIALTIES, INC., US [85] 2000-11-17 [86] 1999-05-19 (PCT/US99/11104) [87] 1999-11-25 (WO99/60227) [30] US (60/086,228) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,332,842</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G21F 9/34</b> [25] EN [54] <b>HIGH LEVEL NUCLEAR WASTE DISPOSAL</b> [54] <b>EVACUATION DES DECHETS FORTEMENT NUCLEAIRES</b> [72] ELLIS, DAVID JOHN, AU [71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU [85] 2000-11-17 [86] 1999-05-18 (PCT/AU99/00376) [87] 1999-11-25 (WO99/60577) [30] AU (PP 3555) 1998-05-18</p>
<p style="text-align: right;">[21] <b>2,332,836</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 233/47 6C23F 11/14 6C07C 237/22</b> [25] EN [54] <b>BIODEGRADABLE CORROSION INHIBITORS</b> [54] <b>INHIBITEURS DE CORROSION BIODEGRADABLES</b> [72] THOMPSON, RUSSELL MARTIN, GB [71] THE ASSOCIATED OCTEL COMPANY LIMITED, GB [85] 2000-11-17 [86] 1999-05-20 (PCT/GB99/01602) [87] 1999-11-25 (WO99/59958) [30] GB (9810869.9) 1998-05-20</p>	<p style="text-align: right;">[21] <b>2,332,840</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02J 7/00 6H01F 1/00 6H02J 1/00</b> [25] EN [54] <b>POWER SYSTEM</b> [54] <b>SYSTEME D'ALIMENTATION EN COURANT</b> [72] CRATTY, WILLIAM E., US [71] SURE POWER CORPORATION, US [85] 2000-11-17 [86] 1999-05-17 (PCT/US99/10833) [87] 1999-11-25 (WO99/60687) [30] US (60/085,992) 1998-05-19</p>	<p style="text-align: right;">[21] <b>2,332,844</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 6/00 6B01J 19/28</b> [25] EN [54] <b>CENTRIFUGAL METHOD AND APPARATUS FOR DEVOLATILIZING POLYMERS</b> [54] <b>METHODE ET APPAREIL CENTRIFUGE POUR LA SUPPRESSION DE COMPOSANTS VOLATILS DE POLYMERES</b> [72] QUARDERER, GEORGE J., JR., US [72] TIRTOWIDJOJO, DAN, US [72] MOORE, EUGENE R., US [72] CUMMINGS, CLARK J., US [71] THE DOW CHEMICAL COMPANY, US [85] 2000-11-17 [86] 1999-05-07 (PCT/US99/10132) [87] 1999-12-16 (WO99/64477) [30] US (60/089,059) 1998-06-12</p>

## Demandes PCT entrant en phase nationale

[21] **2,332,847**  
[13] A1  
[51] **Int.Cl. 6C07C 209/00**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF PROTECTED 3-AMINO-1,2-DIHYDROXYPROPANE ACETAL AND DERIVATIVES THEREOF**  
[54] **PROCEDE DE PREPARATION DE 3-AMINO-1,2-DIHYDROXYPROPANE ACETAL PROTEGE ET DE SES DERIVES**  
[72] HOLLINGSWORTH, RAWLE I., US  
[72] WANG, GUIJUN, US  
[71] MICHIGAN STATE UNIVERSITY, US  
[85] 2000-11-20  
[86] 1999-05-28 (PCT/US99/12003)  
[87] 1999-12-09 (WO99/62861)  
[30] US (60/087,496) 1998-06-01

[21] **2,332,849**  
[13] A1  
[51] **Int.Cl. 6C07C 39/367 6C07C 37/62**  
[25] EN  
[54] **A PROCESS FOR THE PREPARATION OF TETRABROMOBISPHENOL-A**  
[54] **PROCEDE DE PREPARATION DE TETRABROMOBISPHENOL-A**  
[72] HOLUB, RICHARD A., US  
[72] ALFERI, STEVEN R., US  
[72] MCKINNIE, BONNIE G., FR  
[72] ELNAGAR, HASSAN Y., US  
[71] ALBEMARLE CORPORATION, US  
[85] 2000-11-20  
[86] 1999-05-10 (PCT/US99/10206)  
[87] 1999-12-16 (WO99/64384)  
[30] US (09/096,332) 1998-06-11

[21] **2,332,851**  
[13] A1  
[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **PERSONALIZED TIME-SHIFTED PROGRAMMING**  
[54] **PROGRAMMATION PERSONNALISEE EN TEMPS DIFFERE**  
[72] MOTT, TIMOTHY, US  
[72] RAJASEKHARAN, AJIT, US  
[72] STORY, GUY A., US  
[71] AUDIBLE, INC., US  
[85] 2000-11-20  
[86] 1999-04-06 (PCT/US99/07541)  
[87] 1999-11-25 (WO99/60493)  
[30] US (09/082,490) 1998-05-20

[21] **2,332,853**  
[13] A1  
[51] **Int.Cl. 6A61M 15/00**  
[25] EN  
[54] **DRY POWDER DISPERSING APPARATUS AND METHODS FOR THEIR USE**  
[54] **APPAREILS DE DISPERSION DE POUDDRE SECHE ET LEURS METHODES D'UTILISATION**  
[72] SNYDER, HERM, US  
[72] SCHULER, CARLOS, US  
[72] AXFORD, GEORGE S., US  
[72] BURR, JOHN D., US  
[72] SMITH, ADRIAN E., US  
[72] HALL, RANDY K., US  
[72] RAY, CHARLES, US  
[71] INHALE THERAPEUTIC SYSTEMS, US  
[85] 2000-11-17  
[86] 1999-05-19 (PCT/US99/11180)  
[87] 1999-12-09 (WO99/62495)  
[30] US (60/087,929) 1998-06-04  
[30] US (09/312,434) 1999-05-14

[21] **2,332,855**  
[13] A1  
[51] **Int.Cl. 7G12B 11/00**  
[25] EN  
[54] **ILLUMINATING DEVICE FOR WATCHES, GAUGES AND SIMILAR DEVICES**  
[54] **DISPOSITIF D'ECLAIRAGE POUR MONTRES, JAUGES ET DISPOSITIFS SIMILAIRES**  
[72] FUWAUSA, MICHELLE JILLIAN, US  
[71] LUMINARY LOGIC LIMITED, US  
[85] 2000-11-17  
[86] 2000-03-13 (PCT/US00/06641)  
[87] 2000-09-28 (WO00/57425)  
[30] US (09/272,913) 1999-03-19

[21] **2,332,856**  
[13] A1  
[51] **Int.Cl. 7C23C 14/48**  
[25] EN  
[54] **METHOD FOR DEPOSITION OF WEAR RESISTANT COATINGS TO IMPROVE SERVICE LIFE OF COATED COMPONENTS**  
[54] **PROCEDE POUR DEPOSER UN REVETEMENT RESISTANT A L'USURE POUR AMELIORER L'ESPERANCE DE SERVICE DE COMPOSANTS AINSI REVETUS**  
[72] PADEROV, ANATOLY NIKOLAEVICH, RU  
[72] VEXLER, JOURI GENRIHOVICH, RU  
[71] PADEROV, ANATOLY NIKOLAEVICH, RU  
[71] VEXLER, JOURI GENRIHOVICH, RU  
[85] 2000-11-21  
[86] 1999-09-14 (PCT/RU99/00336)  
[87] 2001-02-16 ()  
[30] RU (99118131) 1999-08-16

[21] **2,332,857**  
[13] A1  
[51] **Int.Cl. 6B21H 5/00**  
[25] EN  
[54] **VERTICALLY MOVABLE FORMING RACKS**  
[54] **PEIGNES DE FORMAGE A DEPLACEMENT VERTICAL**  
[72] ROSELIEP, ROBERT E., US  
[72] KILLOP, JAMES THOMAS, US  
[71] UTICA ENTERPRISES, INC., US  
[85] 2000-11-21  
[86] 1999-06-01 (PCT/US99/12165)  
[87] 1999-12-16 (WO99/64186)  
[30] US (09/093,452) 1998-06-08

[21] **2,332,858**  
[13] A1  
[51] **Int.Cl. 6G01K 1/08 6G06F 15/17 6G08B 13/19**  
[25] EN  
[54] **NETWORK BASED MULTIPLE SENSOR DEVICE**  
[54] **DISPOSITIF DE DETECTION MULTIFONCTIONS EN RESEAU**  
[72] ECKEL, DAVID P., US  
[72] PORTER, JAMES A., US  
[72] BONASIA, GAETANO, US  
[71] LEVITON MANUFACTURING CO., INC., US  
[85] 2000-11-17  
[86] 1999-05-13 (PCT/US99/10583)  
[87] 1999-11-25 (WO99/60354)  
[30] US (60/085,814) 1998-05-18  
[30] US (09/243,276) 1999-02-02

## PCT Applications Entering the National Phase

[21] **2,332,859**  
[13] A1

[51] **Int.Cl. 6G08B 19/00 6G08B 3/00 6H04B 1/00 6G05B 23/02**  
[25] EN  
[54] **NETWORK BASED MULTIPLE SENSOR AND CONTROL DEVICE WITH TEMPERATURE SENSING AND CONTROL**  
[54] **CAPTEUR MULTIPLE EN RESEAU ET DISPOSITIF DE COMMANDE AVEC DETECTION ET REGULATION DE TEMPERATURE**  
[72] BONASIA, GAETANO, US  
[72] PORTER, JAMES A., US  
[72] ECKEL, DAVID P., US  
[71] LEVITON MANUFACTURING CO., INC., US  
[85] 2000-11-17  
[86] 1999-05-14 (PCT/US99/10769)  
[87] 1999-11-25 (WO99/60538)  
[30] US (60/085,814) 1998-05-18

[21] **2,332,860**  
[13] A1

[51] **Int.Cl. 6H05H 1/46**  
[25] EN  
[54] **APPARATUS FOR COUPLING POWER INTO A BODY OF GAS**  
[54] **DISPOSITIF PERMETTANT DE COUPLER DE L'ENERGIE A L'INTERIEUR D'UN CORPS GAZEUX**  
[72] GREEN, IAN MACDONALD, GB  
[71] CENTRAL RESEARCH LABORATORIES LIMITED, GB  
[85] 2000-11-21  
[86] 1999-05-19 (PCT/GB99/01592)  
[87] 1999-12-02 (WO99/62308)  
[30] GB (9811081.0) 1998-05-22

[21] **2,332,861**  
[13] A1

[51] **Int.Cl. 7C07C 27/00 7B01J 23/40**  
[25] EN  
[54] **FISCHER-TROPSCH PROCESSES AND CATALYSTS USING FLUORIDED ALUMINA SUPPORTS**  
[54] **PROCEDES ET CATALYSEURS FISCHER-TROPSCH UTILISANT DES SUPPORTS EN ALUMINE FLUORURES**  
[72] HERRON, NORMAN, US  
[72] MANZER, LEO, US  
[72] SUBRAMANIAN, MUNIRPALLAM A., US  
[71] CONOCO INC., US  
[85] 2000-11-21  
[86] 1999-05-20 (PCT/US99/11232)  
[87] 1999-12-02 (WO99/61143)  
[30] US (60/086,372) 1998-05-22  
[30] US (60/086,405) 1998-05-22  
[30] US (60/097,180) 1998-08-20

[21] **2,332,863**  
[13] A1

[51] **Int.Cl. 6A61K 31/60**  
[25] EN  
[54] **USE OF 2-HYDROXY-4-TRIFLUOROMETHYLBENZOIC ACID DERIVATIVES AS INHIBITORS OF THE ACTIVATION OF THE NUCLEAR TRANSCRIPTION FACTOR NF-KAPPA.B**  
[54] **UTILISATION DE DERIVES DE L'ACIDE 2-HYDROXY-4-TRIFLUOROMETHYLBENZOIQUE PERMETTANT D'INHIBER L'ACTIVATION DU FACTEUR DE TRANSCRIPTION NUCLEAIRE NF-KAPPA.B**  
[72] GARCIA RAFANELL, JULIAN, ES  
[72] MIRALLES ACOSTA, AGUSTI, ES  
[72] CAVALCANTI DE MARIA, FERNANDO, ES  
[72] FORN DALMAU, JAVIER, ES  
[72] MERLOS ROCA, MANUEL, ES  
[72] FERNANDEZ DE ARRIBA, ALBERTO, ES  
[72] SANCHEZ CRESPO, MARIANO, ES  
[71] J. URIACH & CIA, S.A., ES  
[85] 2000-11-21  
[86] 1999-05-26 (PCT/ES99/00154)  
[87] 1999-12-02 (WO99/61030)  
[30] ES (P 9801154) 1998-05-27

[21] **2,332,864**  
[13] A1

[51] **Int.Cl. 6H01S 3/09**  
[25] EN  
[54] **SCALABLE VERTICALLY DIODE-PUMPED SOLID-STATE LASERS**  
[54] **LASERS A SOLIDE POMPES VERTICALEMENT PAR DES DIODES A GEOMETRIE VARIABLE**  
[72] FU, QIANG, US  
[72] BULL, DOUGLAS J., US  
[71] QUANTRONIX CORP., US  
[85] 2000-11-21  
[86] 1999-05-24 (PCT/US99/11501)  
[87] 1999-12-02 (WO99/62152)  
[30] US (09/085,128) 1998-05-27

[21] **2,332,865**  
[13] A1

[51] **Int.Cl. 6B32B 3/00**  
[25] EN  
[54] **SHEET STOCK FOR PRODUCING SLIDES WITH A LASER PRINTER, INK JET PRINTER OR THE LIKE**  
[54] **FEUILLES PERMETTANT DE PROJETER DES DIAPOSITIVES A L'AIDE D'UNE IMPRIMANTE LASER, D'UNE IMPRIMANTE A JET D'ENCRE OU D'AUTRES DISPOSITIFS**  
[72] RAY, GUSTAV ALLEN, US  
[72] HUDSPITH, SYDNEY, US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2000-11-17  
[86] 1999-05-18 (PCT/US99/11071)  
[87] 1999-11-25 (WO99/59809)  
[30] US (09/081,390) 1998-05-18

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,332,866</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/00</b> [25] EN [54] <b>NETWORK BASED ELECTRICAL CONTROL SYSTEM WITH DISTRIBUTED SENSING AND CONTROL</b> [54] <b>SYSTEME DE COMMANDE ELECTRIQUE BASE SUR UN RESEAU A COMMANDE ET DETECTION REPARTIES</b> [72] BONASIA, GAETANO, US [72] PORTER, JAMES A., US [72] HEBEISEN, STEPHEN P., US [72] TANSI-GLICKMAN, SELIN, US [72] ECKEL, DAVID P., US [71] LEVITON MANUFACTURING CO., INC., US [85] 2000-11-17 [86] 1999-05-13 (PCT/US99/10918) [87] 1999-11-25 (WO99/60804) [30] US (60/085,814) 1998-05-18 [30] US (09/213,497) 1998-12-17</p>	<p style="text-align: right;">[21] <b>2,332,868</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10L 1/14 6C10L 10/04</b> [25] EN [54] <b>ADDITIVES AND OIL COMPOSITIONS</b> [54] <b>ADDITIFS ET COMPOSITIONS A BASE D'HUILE</b> [72] MORE, IAIN, GB [72] TACK, ROBERT DRYDEN, GB [72] JACKSON, GRAHAM, GB [72] LEDEORE, CHRISTOPHE, FR [71] INFINEUM USA L.P., US [85] 2000-11-21 [86] 1999-05-13 (PCT/EP99/03306) [87] 1999-12-02 (WO99/61562) [30] GB (9810994.5) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,332,871</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/00 6H05B 37/02</b> [25] EN [54] <b>MULTIPLE SENSOR LUX READER AND AVERAGER</b> [54] <b>LECTEUR ET MOYENNEUR A CAPTEURS DE LUMIERE MULTIPLES</b> [72] BONASIA, GAETANO, US [72] ECKEL, DAVID P., US [71] LEVITON MANUFACTURING CO., INC., US [85] 2000-11-17 [86] 1999-05-13 (PCT/US99/10584) [87] 1999-11-25 (WO99/60803) [30] US (60/085,814) 1998-05-18 [30] US (09/306,219) 1999-05-06</p>
<p style="text-align: right;">[21] <b>2,332,867</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11C 11/00</b> [25] EN [54] <b>UNIVERSAL MEMORY ELEMENT WITH SYSTEMS EMPLOYING SAME AND APPARATUS AND METHOD FOR READING, WRITING AND PROGRAMMING SAME</b> [54] <b>ELEMENT DE MEMOIRE UNIVERSELLE AVEC SYSTEMES L'UTILISANT ET SON APPAREIL ET SON PROCEDE DE LECTURE, ECRITURE ET PROGRAMMATION</b> [72] PASHMAKOV, BOIL, US [72] OVSHINSKY, STANFORD R., US [71] ENERGY CONVERSION DEVICES, INC., US [85] 2000-11-22 [86] 2000-04-12 (PCT/US00/09731) [87] 2000-10-19 (WO00/62301) [30] US (09/289,713) 1999-04-12</p>	<p style="text-align: right;">[21] <b>2,332,869</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 43/36 6C07D 207/08</b> [25] EN [54] <b>COMPOSITION FOR KEEPING AWAY VERMIN</b> [54] <b>COMPOSITION REPOUSSANT LA VERMINE</b> [72] BOUVIER, JACQUES, CH [72] DI CRISCIO, NICOLA, CH [72] FROELICH, OLIVIER, FR [72] CHRISTINAZ, CATHERINE, CH [71] NOVARTIS AG, CH [85] 2000-11-21 [86] 1999-06-16 (PCT/EP99/04174) [87] 1999-12-23 (WO99/65308) [30] CH (1319/98) 1998-06-18</p>	<p style="text-align: right;">[21] <b>2,332,872</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01C 1/04</b> [25] EN [54] <b>ROTARY MACHINES</b> [54] <b>MACHINES ROTATIVES</b> [72] DRIVER, RONALD WILLIAM, GB [72] DRIVER, ANN MARGARET, GB [71] DRIVER TECHNOLOGY LIMITED, GB [85] 2000-11-21 [86] 1999-05-20 (PCT/GB99/01404) [87] 1999-12-02 (WO99/61750) [30] GB (9811112.3) 1998-05-23</p>
<p style="text-align: right;">[21] <b>2,332,870</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 5/16 6B32B 27/30 6B32B 27/36</b> [25] EN [54] <b>WINDOW FOR MOTOR VEHICLE</b> [54] <b>VITRE POUR VEHICULE A MOTEUR</b> [72] WILSON, PHILLIP S., US [71] MAGNA INTERNATIONAL OF AMERICA, INC., US [85] 2000-11-21 [86] 1999-05-20 (PCT/US99/11110) [87] 1999-12-02 (WO99/61237) [30] US (60/086,598) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,332,873</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 10/08 6G02B 6/12 6G02B 27/62</b> [25] EN [54] <b>OPTICAL WAVEGUIDE ATTENUATION</b> [54] <b>ATTENUATION DE GUIDE D'ONDE OPTIQUE</b> [72] MCKENZIE, JAMES STUART, GB [72] CORNISH, ANDREW, GB [71] BOOKHAM TECHNOLOGY PLC, GB [85] 2000-11-21 [86] 1999-06-03 (PCT/GB99/01768) [87] 1999-12-09 (WO99/63373) [30] GB (9812036.3) 1998-06-04</p>	<p style="text-align: right;">[21] <b>2,332,873</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 10/08 6G02B 6/12 6G02B 27/62</b> [25] EN [54] <b>OPTICAL WAVEGUIDE ATTENUATION</b> [54] <b>ATTENUATION DE GUIDE D'ONDE OPTIQUE</b> [72] MCKENZIE, JAMES STUART, GB [72] CORNISH, ANDREW, GB [71] BOOKHAM TECHNOLOGY PLC, GB [85] 2000-11-21 [86] 1999-06-03 (PCT/GB99/01768) [87] 1999-12-09 (WO99/63373) [30] GB (9812036.3) 1998-06-04</p>



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,332,874</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60R 19/03</b> [25] EN [54] <b>FASCIA FOR A MOTOR VEHICLE HAVING REDUCED WALL THICKNESS</b> [54] <b>CARENAGE FRONTAL A FAIBLE EPAISSEUR DE PAROI DESTINE A UN VEHICULE MOTORISE</b> [72] WILSON, PHILLIP S., US [71] MAGNA INTERNATIONAL OF AMERICA, INC., US [85] 2000-11-21 [86] 1999-05-20 (PCT/US99/11195) [87] 1999-12-02 (WO99/61287) [30] US (60/086,615) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,332,877</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 5/16</b> [25] EN [54] <b>INTERIOR TRIM COMPONENTS FOR MOTOR VEHICLE</b> [54] <b>ELEMENTS DE GARNITURE INTERIEURE POUR VEHICULE A MOTEUR</b> [72] WILSON, PHILLIP S., US [71] MAGNA INTERNATIONAL OF AMERICA, INC., US [85] 2000-11-21 [86] 1999-05-20 (PCT/US99/11109) [87] 1999-12-02 (WO99/61236) [30] US (60/086,596) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,332,880</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C02F 1/28 7C02F 9/00 7C02F 1/52</b> [25] EN [54] <b>REMOVING METAL IONS FROM WASTEWATER</b> [54] <b>ELIMINATION D'IONS METALLIQUES D'EAUX USEES</b> [72] SASSAMAN, FRANK L., JR., US [72] FILSON, JAMES L., US [72] KEMP, PHILIP M., US [71] UNITED STATES FILTER CORPORATION, US [85] 2000-11-21 [86] 1999-07-09 (PCT/US99/14868) [87] 2000-01-20 (WO00/02817) [30] US (09/113,981) 1998-07-10</p>
<p style="text-align: right;">[21] <b>2,332,875</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04H 9/00</b> [25] EN [54] <b>SINGLE POINT CONTACT ACOUSTIC TRANSMITTER</b> [54] <b>GENERATEUR ACOUSTIQUE A UN SEUL POINT DE CONTACT</b> [72] DENNIS, JOHN R., US [72] MCCONNELL, KENNY, US [72] BIRCHAK, JAMES R., US [72] SHAH, VIMAL V., US [72] MINEAR, JOHN W., US [72] REAGAN, GEORGE S., US [72] KYLE, DONALD, US [72] GARDNER, WALLACE R., US [72] MCCONNELL, REBECCA, US [71] HALLIBURTON ENERGY SERVICES, INC., US [85] 2000-11-17 [86] 1999-05-28 (PCT/US99/12002) [87] 1999-12-02 (WO99/62204) [30] US (09/087,220) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,332,878</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01K 29/00</b> [25] EN [54] <b>SELF-ACTIVATED ACARICIDE APPLICATOR FOR CONTROLLING ECTOPARASITES ON ANIMALS</b> [54] <b>APPLICATEUR D'ACARICIDE AUTOMATIQUE PERMETTANT DE LUTTER CONTRE LES ECTOPARASITES CHEZ LES ANIMAUX</b> [72] ZHIOUA, ELYES, US [72] LEBRUN, ROGER A., US [72] BUTLER, DAVID, US [72] ZAKI, AHMED, US [71] THE BOARD OF GOVERNORS FOR HIGHER EDUCATION, STATE OF RHODE ISLAND AND P, US [85] 2000-11-21 [86] 1999-04-19 (PCT/US99/08567) [87] 1999-10-28 (WO99/53750) [30] US (09/063,090) 1998-04-20</p>	<p style="text-align: right;">[21] <b>2,332,881</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 45/00 6A61K 7/00 6A61K 31/505</b> [25] EN [54] <b>MINOXIDIL COMPOSITIONS FOR EXTERNAL USE</b> [54] <b>COMPOSITIONS DE MINOXIDIL POUR USAGE EXTERNE</b> [72] OKAJIMA, TAKAKO, JP [72] IMAMURA, KOUJI, JP [72] KIMURA, FUMINORI, JP [72] SUZUKI, KENICHI, JP [71] TAISHO PHARMACEUTICALS CO., LTD., JP [85] 2000-11-21 [86] 1999-05-25 (PCT/JP99/02722) [87] 1999-12-02 (WO99/61059) [30] JP (10/144598) 1998-05-26</p>
<p style="text-align: right;">[21] <b>2,332,876</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/535 6A61K 9/20</b> [25] EN [54] <b>EFAVIRENZ COMPRESSED TABLET FORMULATION</b> [54] <b>FORMULATION DE COMPRIME D'EFVIRENZ</b> [72] HIGGINS, RAYMOND J., US [72] THOMPSON, KAREN C., US [72] KATDARE, ASHOK V., US [72] BATRA, UDIT, US [71] MERCK &amp; CO., INC., US [85] 2000-11-21 [86] 1999-05-24 (PCT/US99/11464) [87] 1999-12-02 (WO99/61026) [30] US (60/086,921) 1998-05-27 [30] GB (9815800.9) 1998-07-21</p>	<p style="text-align: right;">[21] <b>2,332,879</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01G 19/18 6G01L 5/12 6B66C 1/40</b> [25] EN [54] <b>TENSILE LOAD TRANSMISSION WITH LOAD SENSOR</b> [54] <b>TRANSMISSION D'UN EFFORT DE TRACTION DOTEE D'UN DETECTEUR DE FORCE</b> [72] HAMMARQVIST, PETER, SE [71] HAMMARQVIST, PETER, SE [85] 2000-11-17 [86] 1999-05-07 (PCT/SE99/00774) [87] 1999-11-25 (WO99/60350) [30] SE (9801768-4) 1998-05-19</p>	<p style="text-align: right;">[21] <b>2,332,882</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/715 7C08B 37/00 7A61K 31/295 7A61K 47/48</b> [25] EN [54] <b>A PROCESS FOR PRODUCING AN IRON-DEXTRAN COMPOUND</b> [54] <b>PROCEDE DE PRODUCTION DE COMPOSE DE FER DEXTRAN</b> [72] ANDREASEN, HANS, DK [72] CHRISTENSEN, LARS, DK [71] PHARMACOSMOS HOLDING A/S, DK [85] 2000-11-21 [86] 1999-07-29 (PCT/DK99/00425) [87] 2000-06-02 (WO00/30657) [30] DK (PA 1998 01526) 1998-11-20</p>

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<p style="text-align: right;">[21] <b>2,332,883</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09B 11/10</b> [25] EN [54] <b>DECORATING KIT AND METHODS</b> [54] <b>TROUSSE DE DECORATION ET PROCEDES</b> [72] MATTHEWS, SUSAN H., US [71] CAMP KAZOO, LTD., US [85] 2000-11-21 [86] 1999-05-20 (PCT/US99/11220) [87] 1999-11-25 (WO99/60547) [30] US (09/082,719) 1998-05-21 [30] US (09/208,074) 1998-12-09 [30] US (09/314,803) 1999-05-19</p>	<p style="text-align: right;">[21] <b>2,332,889</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22F 9/22</b> [25] EN [54] <b>SINTER-ACTIVE METAL AND ALLOY POWDERS FOR POWDER METALLURGY APPLICATIONS AND METHODS FOR THEIR PRODUCTION AND THEIR USE</b> [54] <b>POUDRES DE METAL ET D'ALLIAGE POUR LE FRITTAGE, A UTILISER DANS LA METALLURGIE DES POUDRES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION</b> [72] GRIES, BENNO, DE [72] AULICH, PETER, DE [72] MUNCHOW, JORG, DE [72] GILLE, GERHARD, DE [72] MENDE, BERND, DE [71] H.C. STARCK GMBH &amp; CO. KG, DE [85] 2000-11-17 [86] 1999-05-08 (PCT/EP99/03170) [87] 1999-11-25 (WO99/59755) [30] DE (198 22 663.2) 1998-05-20</p>	<p style="text-align: right;">[21] <b>2,332,891</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 3/18 6H05K 3/24 6H05K 3/42</b> [25] EN [54] <b>MULTIPLE BLANK FOR ELECTRONIC COMPONENTS, IN PARTICULAR SURFACE ACOUSTIC WAVE COMPONENTS, AND METHOD OF BUILDING UP BUMPS, SOLDER FRAMES, SPACERS AND THE LIKE ON THE MULTIPLE BLANK</b> [54] <b>FLAN IMPRIME MULTIPLE POUR COMPOSANTS ELECTRONIQUES ET PROCEDE PERMETTANT DE REALISER DES BOSSES, DES CADRES DE BRASAGE, DES ECARTEURS ET SIMILAIRES SUR LE FLAN IMPRIME MULTIPLE</b> [72] WOSSLER, MANFRED, DE [72] WEIDNER, KARL, DE [72] KRUGER, HANS, DE [72] STELZL, ALOIS, DE [71] EPCOS AG, DE [85] 2000-11-17 [86] 1999-05-03 (PCT/DE99/01315) [87] 1999-11-25 (WO99/60830) [30] DE (198 22 794.9) 1998-05-20</p>
<p style="text-align: right;">[21] <b>2,332,885</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 43/25 6E21B 43/26</b> [25] EN [54] <b>ENCAPSULATED BREAKERS, COMPOSITIONS AND METHODS OF USE</b> [54] <b>VISCOREDUCTEURS ENCAPSULES, COMPOSITIONS ET PROCEDES D'UTILISATION</b> [72] IRWIN, MICHAEL J., US [72] MUIR, DAVID J., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2000-11-21 [86] 1999-05-26 (PCT/US99/11579) [87] 1999-12-02 (WO99/61747) [30] US (09/087,470) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,332,890</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09F 3/10</b> [25] EN [54] <b>MARKABLE REPOSITIONABLE ADHESIVE SHEET DISPENSING ROLL FOR USE IN AN INDUSTRIAL SETTING</b> [54] <b>ROULEAU DISTRIBUTEUR POUR FEUILLES ADHESIVES REPOSITIONNABLES ET INSCRIPTIBLES A USAGE INDUSTRIEL</b> [72] WRIGHT, GENE A., US [72] WENZLER, LARRY E., US [72] BLOK, LANA M., US [71] TRICOR DIRECT, INC., US [85] 2000-11-21 [86] 1999-05-04 (PCT/US99/09703) [87] 1999-12-29 (WO99/67769) [30] US (09/102,337) 1998-06-22</p>	<p style="text-align: right;">[21] <b>2,332,892</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b> [25] EN [54] <b>TELE-DIAGNOSTIC DEVICE</b> [54] <b>DISPOSITIF DE TELEDIAGNOSTIC</b> [72] GOPINATHAN, GOVINDAN, US [72] TILFORD, ARTHUR R., US [71] GOPINATHAN, GOVINDAN, US [71] TILFORD, ARTHUR R., US [85] 2000-11-21 [86] 1999-05-19 (PCT/US99/11033) [87] 1999-12-02 (WO99/60919) [30] US (09/084,647) 1998-05-26</p>
<p style="text-align: right;">[21] <b>2,332,887</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60P 3/00</b> [25] EN [54] <b>LIFT DOLLY FOR USE WITH STAND-MOUNTED TOOLS</b> [54] <b>CHARIOT DE LEVAGE UTILISE AVEC DES OUTILS MONTES SUR SUPPORT</b> [72] STAHL, DOUGLAS R., US [72] HEES, WILLIAM A., US [72] ENGLISH, CHARLES L., JR., US [71] HERCULIFT TECHNOLOGIES, INC., US [85] 2000-11-21 [86] 1999-05-24 (PCT/US99/11228) [87] 1999-12-02 (WO99/61276) [30] US (09/083,282) 1998-05-22</p>		

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<p style="text-align: right;">[21] <b>2,332,894</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F25J 3/02</b> [25] EN [54] <b>ETHYLENE PROCESSING USING COMPONENTS OF NATURAL GAS PROCESSING</b> [54] <b>TRAITEMENT DE L'ETHYLENE AU MOYEN DE COMPOSANTS PROVENANT DU TRAITEMENT DE GAZ NATUREL</b> [72] AMERINGER, GREG E., US [72] NASAR, NASAR ULLAH, US [71] AMERINGER, GREG E., US [85] 2000-11-21 [86] 1999-05-21 (PCT/US99/11360) [87] 1999-12-02 (WO99/61852) [30] US (09/084,067) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,332,898</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B67D 5/00</b> [25] EN [54] <b>PROBE FOR RECHARGEABLE DISPENSERS</b> [54] <b>SONDE POUR VAPORISATEURS RECHARGEABLES</b> [72] KLIMA, WILLIAM L., US [72] KLIMA, WALTER F., JR., US [71] SPRAYEX, INC, US [85] 2000-11-21 [86] 1999-05-20 (PCT/US99/10451) [87] 1999-11-25 (WO99/59911) [30] US (09/082,469) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,332,902</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 3/00 6H04L 25/00</b> [25] EN [54] <b>COMBINED ANALOG/DIGITAL DATA TRANSMISSION SYSTEM</b> [54] <b>SYSTEME COMBINE DE TRANSMISSION DE DONNEES ANALOGIQUES/NUMERIQUES</b> [72] MOSES, ROBERT W., US [72] MOSES, DONALD W., US [71] DIGITAL HARMONY TECHNOLOGIES, INC., US [85] 2000-11-17 [86] 1999-05-17 (PCT/US99/10805) [87] 1999-11-25 (WO99/60719) [30] US (60/085,820) 1998-05-18</p>
<p style="text-align: right;">[21] <b>2,332,896</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16J 15/32</b> [25] EN [54] <b>UNITIZED OIL SEAL AND METHOD OF MANUFACTURE</b> [54] <b>JOINT INTEGRE ETANCHE A L'HUILE ET PROCEDE DE FABRICATION CORRESPONDANT</b> [72] TRIPATHY, BHAWANI S., US [71] FEDERAL-MOGUL CORPORATION, US [85] 2000-11-21 [86] 1999-06-30 (PCT/US99/14948) [87] 2000-01-06 (WO00/00763) [30] US (09/107,117) 1998-06-30</p>	<p style="text-align: right;">[21] <b>2,332,900</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C23C 14/00 7C09C 1/00</b> [25] EN [54] <b>APPARATUS AND METHOD FOR PRODUCING PLANE-PARALLEL FLAKES</b> [54] <b>APPAREIL ET PROCEDE DE PRODUCTION DE PAILLETES PARALLELES PLANES</b> [72] WEINERT, HILMAR H., DE [71] WEINERT VAKUUM VERFAHRENSTECHNIK GMBH, DE [85] 2000-11-21 [86] 1999-09-23 (PCT/IB99/01656) [87] 2000-04-06 (WO00/18978) [30] DE (198 44 357.9) 1998-09-28 [30] US (09/390,297) 1999-09-03</p>	<p style="text-align: right;">[21] <b>2,332,903</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C06B 21/00 6C06C 9/00 6C06B 33/06</b> [25] EN [54] <b>METHOD FOR PRODUCING PYROTECHNIC PRIMER CHARGES</b> [54] <b>PROCEDE DE PRODUCTION DE JEUX PYROTECHNIQUES D'AMORCE</b> [72] CEGIEL, DIRK, DE [72] KRONE, UWE, DE [71] NICO-PYROTECHNIK HANNS-JUERGEN DIEDERICHS GMBH &amp; CO. KG, DE [85] 2000-11-21 [86] 1999-04-16 (PCT/DE99/01160) [87] 1999-12-02 (WO99/61394) [30] DE (198 23 999.8) 1998-05-28</p>
<p style="text-align: right;">[21] <b>2,332,897</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21C 1/10 6D21C 3/02 6D21C 3/04 6D21C 3/20 6D21C 3/26</b> [25] EN [54] <b>METHOD FOR SELECTIVELY DELIGNIFYING LIGNOCELLULOSIC MATERIALS</b> [54] <b>PROCEDE DE DELIGNIFICATION DE SUBSTANCES LIGNO-CELLULOSIQUES</b> [72] WEINSTOCK, IRA A., US [72] ATALLA, RAJAI H., US [72] SPRINGER, EDWARD L., US [71] EMORY UNIVERSITY, US [71] THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY OF AGRICULTURE, US [85] 2000-11-17 [86] 1999-06-01 (PCT/US99/12099) [87] 1999-12-09 (WO99/63149) [30] US (60/087,658) 1998-06-02 [30] US (09/320,956) 1999-05-27</p>	<p style="text-align: right;">[21] <b>2,332,901</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>CHANNELIZATION AND ENCODING FOR TEXT INFORMATION SERVICES TRANSMITTED VIA RADIOCOMMUNICATION SYSTEMS</b> [54] <b>CANALISATION ET CODAGE DE SERVICES D'INFORMATIONS TEXTES TRANSMIS PAR DES SYSTEMES DE RADIOCOMMUNICATION</b> [72] RAITH, ALEX KRISTER, US [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-22 [86] 1999-05-21 (PCT/SE99/00876) [87] 1999-12-16 (WO99/65265) [30] US (60/088,845) 1998-06-10 [30] US (60/089,280) 1998-06-15 [30] US (09/113,317) 1998-07-10</p>	<p style="text-align: right;">[21] <b>2,332,905</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>GSM TRANSCEIVER UNIT EQUIPPED FOR TIME OF ARRIVAL MEASUREMENTS</b> [54] <b>UNITE D'EMISSION-RECEPTION GSM EQUIPEE POUR DES MESURES DE TEMPS D'ARRIVEE</b> [72] LUND, LARS-GORAN, SE [72] ZADEH, BAGHER ROUHOLLAH, US [72] HOLMRING, ANDERS THOMAS, US [72] KINGDON, CHRISTOPHER HUGH, US [71] ERICSSON INC., US [85] 2000-11-22 [86] 1999-05-05 (PCT/US99/09927) [87] 1999-12-02 (WO99/62286) [30] US (09/086,759) 1998-05-28</p>

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[21] **2,332,906**  
[13] A1

[51] **Int.Cl. 6B64D 47/06 6F21K 7/00 6F21Q 3/00**  
[25] EN  
[54] **WARNING LIGHT WITH LIGHT EMITTING DIODES**  
[54] **VOYANT LUMINEUX AVEC DIODES ELECTROLUMINESCENTES**  
[72] LAFOREST, LARRY ADRIAN, US  
[72] RUSSELL, SEAN, GB  
[72] SAUNDERS, ADRIAN, GB  
[71] MICRO ENGINEERING INC., US  
[71] AVIMO LIMITED, GB  
[85] 2000-11-17  
[86] 1999-05-20 (PCT/GB99/01596)  
[87] 1999-11-25 (WO99/59869)  
[30] US (60/086,327) 1998-05-21

[21] **2,332,907**  
[13] A1

[51] **Int.Cl. 7B23B 29/04**  
[25] EN  
[54] **SIDE ACTIVATED TOOL UNIT CLAMPING APPARATUS USING MECHANICAL ADVANTAGE**  
[54] **APPAREIL DE SERRAGE D'OUTIL A ACTIVATION LATERALE UTILISANT UN AVANTAGE MECANIQUE**  
[72] ERICKSON, ROBERT A., US  
[71] KENNAMETAL INC., US  
[85] 2000-11-17  
[86] 1999-06-09 (PCT/US99/12930)  
[87] 1999-12-16 (WO99/64194)  
[30] US (09/096,735) 1998-06-12

[21] **2,332,909**  
[13] A1

[51] **Int.Cl. 6C21C 7/064 6C21C 1/02**  
[25] EN  
[54] **METHOD FOR INTEGRATED DESULFURIZING OF PIG IRON MELT AND STEEL MELT**  
[54] **PROCEDE POUR LA DESULFURATION INTEGREE DE BAINS DE FONTE ET D'ACIER**  
[72] PIRKER, HERMANN, AT  
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT  
[85] 2000-11-17  
[86] 1999-03-18 (PCT/AT99/00069)  
[87] 1999-11-25 (WO99/60173)  
[30] AT (A 875/98) 1998-05-20

[21] **2,332,910**  
[13] A1

[51] **Int.Cl. 6H04L 7/00**  
[25] EN  
[54] **RAPID SYNCHRONIZATION FOR COMMUNICATION SYSTEMS**  
[54] **SYNCHRONISATION RAPIDE POUR SYSTEMES DE COMMUNICATION**  
[72] MCCALLISTER, RONALD D., US  
[71] SICOM, INC., US  
[85] 2000-11-22  
[86] 1999-06-02 (PCT/US99/12266)  
[87] 1999-12-16 (WO99/65181)  
[30] US (09/095,357) 1998-06-10

[21] **2,332,911**  
[13] A1

[51] **Int.Cl. 6A47K 10/36**  
[25] EN  
[54] **PAPER TOWEL DISPENSER**  
[54] **DISTRIBUTEUR DE PAPIER ESSUIE-TOUT**  
[72] MORRIS, ANDREW R., US  
[72] MURPHY, JAMES H., US  
[72] FORMON, JOHN S., US  
[71] GEORGIA-PACIFIC CORPORATION, US  
[85] 2000-11-17  
[86] 1999-03-16 (PCT/US99/05732)  
[87] 1999-11-25 (WO99/59457)  
[30] US (09/081,637) 1998-05-20

[21] **2,332,912**  
[13] A1

[51] **Int.Cl. 6B65D 75/66 6B65D 33/24**  
[25] EN  
[54] **TEAR CONTROL CLOSING TAPE AND CONTAINER WITH TEAR CONTROL CLOSING TAPE**  
[54] **BANDE ADHESIVE DE FERMETURE DECHIRABLE ET RECIPIENT MUNI D'UN TEL RUBAN ADHESIF**  
[72] MINER, DEAN A., US  
[72] SHEEHAN, RICHARD L., JR., US  
[72] STAGG, TIMOTHY V., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2000-11-21  
[86] 1999-05-20 (PCT/US99/11116)  
[87] 1999-12-02 (WO99/61344)  
[30] US (09/086,317) 1998-05-28  
[30] US (09/315,249) 1999-05-20

[21] **2,332,913**  
[13] A1

[51] **Int.Cl. 6B32B 27/06 6A61L 15/22 6A61L 15/42**  
[25] EN  
[54] **MOISTURE VAPOUR PERMEABLE COMPOSITE STRUCTURE AND THE UTILISATION THEREOF IN ABSORBENT ARTICLES**  
[54] **STRUCTURE COMPOSITE PERMEABLE A L'HUMIDITE ET UTILISATION D'UNE TELLE STRUCTURE DANS DES ARTICLES ABSORBANTS**  
[72] CORZANI, ITALO, IT  
[72] PALUMBO, GIANFRANCO, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-22  
[86] 1999-06-01 (PCT/IB99/00978)  
[87] 1999-12-16 (WO99/64237)  
[30] EP (98110593.5) 1998-06-09

[21] **2,332,914**  
[13] A1

[51] **Int.Cl. 6B22D 11/06**  
[25] EN  
[54] **METHOD AND DEVICE FOR CASTING METAL CLOSE TO FINAL DIMENSIONS**  
[54] **DISPOSITIF ET PROCEDE DE COULEE DE METAL, PROCHE DES COTES FINALES**  
[72] URLAU, ULRICH, DE  
[71] SMS DEMAG AG, DE  
[85] 2000-11-17  
[86] 1999-03-19 (PCT/DE99/00891)  
[87] 1999-11-25 (WO99/59750)  
[30] DE (198 23 440.6) 1998-05-19

[21] **2,332,915**  
[13] A1

[51] **Int.Cl. 7A61K 31/52 7A61K 31/195**  
[25] EN  
[54] **COMPOSITIONS COMPRISING GABA ANALOGS AND CAFFEINE**  
[54] **COMPOSITIONS RENFERMANT DES ANALOGUES D'ACIDE GAMMA-AMINOBUTYRIQUE (GABA) ET DE LA CAFEINE**  
[72] SEGAL, CATHERINE A., US  
[72] MAGNUS, LESLIE, US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2000-11-21  
[86] 1999-06-18 (PCT/US99/13670)  
[87] 2000-01-20 (WO00/02562)  
[30] US (60/092,131) 1998-07-09

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[21] **2,332,916**  
[13] A1  
[51] **Int.Cl. 6F25D 25/00 6B65G 51/00 6A47F 10/06**  
[25] EN  
[54] **TRANSPORT SYSTEM FOR CHILLED PRODUCTS**  
[54] **SYSTEME DE TRANSPORT POUR PRODUITS REFRIGERES**  
[72] SORENSEN, PER, NO  
[71] ZOPA AS, NO  
[85] 2000-11-22  
[86] 1999-06-04 (PCT/NO99/00184)  
[87] 1999-12-09 (WO99/63287)  
[30] NO (19982608) 1998-06-05

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[21] **2,332,917**  
[13] A1  
[51] **Int.Cl. 6C08K 5/00 6A61L 15/00**  
[25] EN  
[54] **LOW VISCOSITY THERMOPLASTIC COMPOSITIONS FOR STRUCTURES WITH ENHANCED MOISTURE VAPOUR PERMEABILITY AND THE UTILISATION THEREOF IN ABSORBENT ARTICLES**  
[54] **COMPOSITIONS THERMOPLASTIQUES BASSE VISCOSITE DESTINEES AUX STRUCTURES POSSEDANT UNE PLUS GRANDE PERMEABILITE A LA VAPEUR D'HUMIDITE ET LEUR UTILISATION DANS DES ARTICLES ABSORBANTS**  
[72] CORZANI, ITALO, IT  
[72] PALUMBO, GIANFRANCO, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-22  
[86] 1999-06-01 (PCT/IB99/00990)  
[87] 1999-12-16 (WO99/64505)  
[30] EP (98110596.8) 1998-06-09

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[21] **2,332,918**  
[13] A1  
[51] **Int.Cl. 6A61M 5/32 6A61M 5/50**  
[25] EN  
[54] **SELF-RETRACTING IV CATHETER INTRODUCER**  
[54] **INTRODUCTEUR DE CATHETER PAR VOIE INTRA VEINEUSE AUTORETRACTEUR**  
[72] SHAW, THOMAS J., US  
[72] DUESMAN, KATHRYN, US  
[71] SHAW, THOMAS J., US  
[85] 2000-11-21  
[86] 1999-05-20 (PCT/US99/11255)  
[87] 1999-12-02 (WO99/61087)  
[30] US (09/085,496) 1998-05-26

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[21] **2,332,919**  
[13] A1  
[51] **Int.Cl. 6G01N 1/10**  
[25] EN  
[54] **MICROFLUIDIC DEVICES, SYSTEMS AND METHODS FOR PERFORMING INTEGRATED REACTIONS AND SEPARATIONS**  
[54] **DISPOSITIFS MICROFLUIDIQUES, SYSTEMES ET PROCEDES POUR REALISER DES REACTIONS ET DES SEPARATIONS INTEGREES**  
[72] SUNDBERG, STEVEN A., US  
[72] KOPF-SILL, ANNE R., US  
[72] PARCE, J. WALLACE, US  
[72] CHOW, ANDREA W., US  
[71] CALIPER TECHNOLOGIES CORP., US  
[85] 2000-11-22  
[86] 1999-06-07 (PCT/US99/12842)  
[87] 1999-12-16 (WO99/64836)  
[30] US (09/093,489) 1998-06-08  
[30] US (60/108,628) 1998-11-16

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[21] **2,332,920**  
[13] A1  
[51] **Int.Cl. 6A61B 17/41**  
[25] EN  
[54] **METHOD OF EPILATION BY TRANSCUTANEOUS LASER LIGHT**  
[54] **PROCEDE D'EPILATION PAR LUMIERE LASER TRANSCUTANEE**  
[72] STEWART, BOB W., US  
[71] KERALASE LTD., CA  
[85] 2000-11-22  
[86] 1999-02-22 (PCT/CA99/00152)  
[87] 1999-12-02 (WO99/60937)  
[30] US (09/084,294) 1998-05-26

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[21] **2,332,921**  
[13] A1  
[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **NON-INVASIVE OPTICAL MEASUREMENT OF A BLOOD CONSTITUENT**  
[54] **MESURE OPTIQUE NON INVASIVE CONSTITUANT SANGUIN**  
[72] FINE, ILYA, IL  
[71] ORSENSE LTD., IL  
[85] 2000-11-22  
[86] 1999-06-16 (PCT/IL99/00331)  
[87] 1999-12-23 (WO99/65384)  
[30] IL (124965) 1998-06-17

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[21] **2,332,923**  
[13] A1  
[51] **Int.Cl. 6B29B 9/12 6B29B 9/00 6B29B 9/08 6B29B 9/10 6B29C 47/38 6B29B 7/40 6B29B 7/42**  
[25] EN  
[54] **PROCESS FOR PELLETIZING ELASTOMERIC ANIONICALLY POLYMERISED POLYMERS**  
[54] **PROCEDE DE PELLETISATION DE POLYMERES ELASTOMERES ANIONIQUEMENT POLYMERISES**  
[72] DE GROOT, ELEANOR MEYER, US  
[72] YANG, BING, US  
[72] STEWART, DAVID RALPH, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2000-11-22  
[86] 1999-05-27 (PCT/EP99/03726)  
[87] 1999-12-02 (WO99/61214)  
[30] US (60/086,925) 1998-05-27

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[21] **2,332,924**  
[13] A1  
[51] **Int.Cl. 6B01F 5/04**  
[25] EN  
[54] **DIFFERENTIAL INJECTOR**  
[54] **INJECTEUR DIFFERENTIEL**  
[72] GARCIA, PAUL G., US  
[71] GARCIA, GLORIA S., US  
[71] GARCIA, PAUL G., US  
[85] 2000-11-21  
[86] 1999-05-11 (PCT/US99/10219)  
[87] 1999-12-02 (WO99/61142)  
[30] US (09/083,922) 1998-05-26

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[21] **2,332,925**  
[13] A1  
[51] **Int.Cl. 6G03G 15/23**  
[25] EN  
[54] **PRINTING SYSTEM**  
[54] **DISPOSITIF D'IMPRESSION**  
[72] ROSEN, JOSEF, IL  
[72] LANDA, BENZION, IL  
[71] INDIGO N.V., NL  
[85] 2000-11-22  
[86] 1998-11-11 (PCT/IL98/00553)  
[87] 1999-12-02 (WO99/61958)  
[30] IL (PCT/IL98/00235) 1998-05-24

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[21] **2,332,926**  
[13] A1  
[51] **Int.Cl. 6F24C 15/32 6F24C 15/00**  
[25] EN  
[54] **HIGH HEAT TRANSFER RATE CONVECTION OVEN WITH GREASE MANAGEMENT AND SMOKE REDUCTION CAPABILITIES**  
[54] **FOUR A CONVEXION A COEFFICIENT DE CONDUCTIBILITE CALORIFIQUE ELEVE, DOTE DE FONCTIONS DE TRAITEMENT DE LA GRAISSE ET DE SUPPRESSION DES FUMEEES**  
[72] NORRIS, JOHN R., US  
[72] HIGH, JARALD E., US  
[72] DOUGHERTY, CARL J., US  
[72] DOBIE, MICHAEL J., US  
[72] TALLEY, LINDA J., US  
[72] COOPER, NEAL S., US  
[71] PATENTSMITH TECHNOLOGY, LTD., US  
[85] 2000-11-22  
[86] 1999-05-21 (PCT/US99/11302)  
[87] 1999-12-02 (WO99/61843)  
[30] US (60/086,629) 1998-05-23

[21] **2,332,927**  
[13] A1  
[51] **Int.Cl. 7A61K 31/195 7A61K 31/135**  
[25] EN  
[54] **COMPOSITIONS COMPRISING GABA ANALOGS AND A DECONGESTANT TO RELIEVE SINUS HEADACHE PAIN**  
[54] **COMPOSITIONS RENFERMANT DES ANALOGUES D'ACIDE GAMMA-AMINOBUTYRIQUE (GABA) ET UN DECONGESTIONNANT DESTINEES A SOULAGER DES CEPHALEES LOCALISEES DANS LES SINUS**  
[72] MAGNUS, LESLIE, US  
[72] SEGAL, CATHERINE A., US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2000-11-21  
[86] 1999-06-18 (PCT/US99/13946)  
[87] 2000-01-20 (WO00/02545)  
[30] US (60/092,146) 1998-07-09

[21] **2,332,928**  
[13] A1  
[51] **Int.Cl. 6C07D 401/12 6C07D 213/00 6C07D 215/00 6C07D 233/00 6C07D 263/00 6C07D 333/00 6C07D 401/14**  
[25] EN  
[54] **QUINOLINE-AMINOMETHYL-PYRIDYL DERIVATIVES WITH ANTI-HELICOBACTER ACTIVITY**  
[54] **DERIVES DE QUINOLEINE-AMINOMETHYLE-PYRIDYLE A ACTIVITE ANTI-HELICOBACTER**  
[72] GRUNDLER, GERHARD, DE  
[72] ZIMMERMAN, PETER, DE  
[71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE  
[85] 2000-11-22  
[86] 1999-05-20 (PCT/EP99/03480)  
[87] 1999-12-02 (WO99/61438)  
[30] EP (98109524.3) 1998-05-23

[21] **2,332,929**  
[13] A1  
[51] **Int.Cl. 7A61K 31/195 7A61K 31/52**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION CONTAINING GABA ANALOGS AND AN ANTIVIRAL AGENT TO TREAT SHINGLES**  
[54] **COMPOSITION PHARMACEUTIQUE RENFERMANT DES ANALOGUES D'ACIDE GAMMA-AMINOBUTYRIQUE (GABA) ET UN AGENT ANTIVIRAL AUX FINS DU TRAITEMENT DE SYNDROMES RADICULOGANGLIONNAIRES**  
[72] SEGAL, CATHERINE A., US  
[72] MAGNUS, LESLIE, US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2000-11-21  
[86] 1999-06-18 (PCT/US99/13947)  
[87] 2000-01-20 (WO00/02592)  
[30] US (60/092,171) 1998-07-09

[21] **2,332,930**  
[13] A1  
[51] **Int.Cl. 6A01M 1/00 6A01M 1/02 6A01M 1/10**  
[25] EN  
[54] **PEST CONTROL**  
[54] **LUTTE CONTRE LES INSECTES NUISIBLES**  
[72] HOWSE, PHILIP EDWIN, GB  
[71] UNIVERSITY OF SOUTHAMPTON, GB  
[85] 2000-11-22  
[86] 1999-05-21 (PCT/GB99/01631)  
[87] 1999-12-02 (WO99/60848)  
[30] GB (9811246.9) 1998-05-23

[21] **2,332,931**  
[13] A1  
[51] **Int.Cl. 7A61K 31/197**  
[25] EN  
[54] **THE TREATMENT OF RENAL COLIC WITH GABA ANALOGS**  
[54] **TRAITEMENT DE COLIQUES NEPHRETIQUES AU MOYEN D'ANALOGUES DU GABA**  
[72] ANGELLO, JAMES T., US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2000-11-21  
[86] 1999-07-08 (PCT/US99/15387)  
[87] 2000-01-20 (WO00/02547)  
[30] US (60/092,167) 1998-07-09

[21] **2,332,932**  
[13] A1  
[51] **Int.Cl. 6C07D 401/14 6C07D 401/12 6C07D 413/14 6A61K 31/505**  
[25] EN  
[54] **PYRIMIDIN-AMINOMETHYL-PYRIDINE DERIVATIVES, THEIR PREPARATION AND THEIR USE IN THE CONTROL OF HELICOBACTER BACTERIA**  
[54] **DERIVES PYRIMIDINE-AMINOMETHYLE-PYRIDINE, LEUR PREPARATION ET LEUR UTILISATION DANS LA LUTTE CONTRE LES BACTERIES HELICOBACTER**  
[72] ZIMMERMANN, PETER, DE  
[72] GRUNDLER, GERHARD, DE  
[71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE  
[85] 2000-11-22  
[86] 1999-05-20 (PCT/EP99/03477)  
[87] 1999-12-02 (WO99/61439)  
[30] EP (98109408.9) 1998-05-23

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[21] **2,332,933**  
[13] A1

[51] **Int.Cl. 7C21D 8/02 7C21D 9/00 7B21B 1/34 7B21B 37/74**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING MARTENSITE- OR BAINITE-RICH STEEL USING STECKEL MILL AND CONTROLLED COOLING**  
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'ACIER RICHE EN MARTENSITE OU BAINITE AU MOYEN D'UN LAMINOIR DE TYPE STECKEL ET DE REFROIDISSEMENT REGULE**  
[72] BOECKER, ROBERT JOSEPH, US  
[72] COLLINS, LAURIE E., CA  
[72] DORRICOTT, JONATHAN, US  
[72] WALES, BRIAN HARDIN, US  
[72] RUSSO, JOSEPH DUANE, US  
[72] FRANK, WILLIAM R., US  
[71] IPSCO INC., CA  
[85] 2000-11-22  
[86] 1999-07-09 (PCT/CA99/00631)  
[87] 2000-01-20 (WO00/03042)  
[30] US (09/113,428) 1998-07-10

[21] **2,332,934**  
[13] A1

[51] **Int.Cl. 6G01N 17/00 6F24H 1/14**  
[25] EN  
[54] **CORROSION PROBE**  
[54] **SONDE DE CORROSION**  
[72] HUIJBREGTS, WALTERUS MARINUS MARIA, NL  
[72] PRIMUS, ANDREAS JOHANNES MARIA, NL  
[71] N.V. KEMA, NL  
[85] 2000-11-21  
[86] 1999-05-19 (PCT/NL99/00308)  
[87] 1999-12-02 (WO99/61889)  
[30] EP (98201722.0) 1998-05-22

[21] **2,332,935**  
[13] A1

[51] **Int.Cl. 6C07K 14/49 6C12N 13/00 6C12P 21/02 6C12N 5/06 6C07K 14/475**  
[25] EN  
[54] **A METHOD FOR INDUCING PRODUCTION OF GROWTH FACTORS**  
[54] **TECHNIQUE DECLENCHANT LA PRODUCTION DE FACTEURS DE CROISSANCE**  
[72] OHTA, TOMOHIRO, JP  
[72] ITO, MASAYO, JP  
[72] AZUMA, YOSHIAKI, JP  
[71] EXOGEN, INC., US  
[85] 2000-11-21  
[86] 1999-06-23 (PCT/US99/12815)  
[87] 1999-12-29 (WO99/67289)  
[30] JP (10/175741) 1998-06-23

[21] **2,332,936**  
[13] A1

[51] **Int.Cl. 6B65C 11/02 6B65C 11/00 6B65H 35/00**  
[25] EN  
[54] **HAND-HELD LABEL PRINTER AND CUTTING APPARATUS**  
[54] **APPAREIL MANUEL D'IMPRESSION ET DE COUPE D'ETIQUETTES**  
[72] BRANDHOLZ, BRENT A., US  
[72] SCHANKE, ROBERT L., US  
[71] BRADY WORLDWIDE, INC., US  
[85] 2000-11-22  
[86] 1999-04-28 (PCT/US99/09248)  
[87] 1999-12-02 (WO99/61322)  
[30] US (09/085,990) 1998-05-28

[21] **2,332,937**  
[13] A1

[51] **Int.Cl. 6C08G 69/28 6B01J 19/00 6C08G 69/32**  
[25] EN  
[54] **CONTROL SYSTEM FOR CONTINUOUS POLYAMIDATION PROCESS**  
[54] **SYSTEME DE REGULATION D'UN PROCEDE DE POLYAMIDATION EN CONTINU**  
[72] SCHWIER, CHRIS E., US  
[72] COOK, STEVEN W., US  
[72] LEMBCKE, ROBERT M., US  
[72] BUSH, GREGORY E., US  
[71] SOLUTIA INC., US  
[85] 2000-11-22  
[86] 1999-05-26 (PCT/US99/11577)  
[87] 1999-12-02 (WO99/61510)  
[30] US (60/087,292) 1998-05-29

[21] **2,332,938**  
[13] A1

[51] **Int.Cl. 6G07C 1/10 6G06F 17/60**  
[25] EN  
[54] **MULTI-APPLICATION TIME SHEET**  
[54] **RELEVE DE TEMPS DE TRAVAIL POUR DIFFERENTES APPLICATIONS**  
[72] KRENZKE, RALF, DE  
[72] DOPF, GEORG, DE  
[72] DENTZER, RALF, DE  
[72] HIRSCHENBERGER, STEFAN, DE  
[71] SAP AKTIENGESELLSCHAFT, DE  
[85] 2000-11-21  
[86] 1999-06-18 (PCT/EP99/04228)  
[87] 1999-12-29 (WO99/67749)  
[30] US (09/100,257) 1998-06-19

[21] **2,332,939**  
[13] A1

[51] **Int.Cl. 6H01L 23/40 6H05K 7/20**  
[25] EN  
[54] **THERMALLY CONDUCTIVE MOUNTING ARRANGEMENT FOR SECURING AN INTEGRATED CIRCUIT PACKAGE TO A HEAT SINK**  
[54] **SYSTEME DE MONTAGE THERMOCONDUCTEUR PERMETTANT DE FIXER UN BOITIER DE MICROCIRCUIT SUR UN DISSIPATEUR DE CHALEUR**  
[72] MOLLER, THOMAS W., US  
[72] LEIGHTON, LARRY C., US  
[72] AHL, BENGT, SE  
[71] ERICSSON INC., US  
[85] 2000-11-22  
[86] 1999-05-12 (PCT/US99/10503)  
[87] 1999-12-02 (WO99/62117)  
[30] US (09/086,667) 1998-05-28

[21] **2,332,940**  
[13] A1

[51] **Int.Cl. 6A61N 1/05**  
[25] EN  
[54] **ADAPTABLE ELECTRODE FOR CORONARY VENOUS LEADS**  
[54] **ELECTRODE ADAPTABLE POUR FILS VEINEUX CORONAIRES**  
[72] TOCKMAN, BRUCE A., US  
[72] WESTLUND, RANDY W., US  
[72] CHASTAIN, STUART R., US  
[72] LIU, LILI, US  
[71] CARDIAC PACEMAKERS, INC., US  
[85] 2000-11-22  
[86] 1999-10-19 (PCT/US99/24374)  
[87] 2000-09-28 (WO00/56399)  
[30] US (09/274,621) 1999-03-23

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[13] A1  
[51] **Int.Cl. 6H04B 1/38 6H04L 27/10 6H04L 5/16 6H04L 27/18**  
[25] EN  
[54] **SPREAD SPECTRUM HANDSHAKE FOR DIGITAL SUBSCRIBER LINE TELECOMMUNICATIONS SYSTEMS**  
[54] **POIGNEE DE MAIN A SPECTRE ETALE DESTINEE AUX SYSTEMES DE TELECOMMUNICATIONS A LIGNE D'ABONNE NUMERIQUE**  
[72] OKUNEV, YURI, US  
[72] GOLDSTEIN, YURI, US  
[71] PC TEL, INC., US  
[85] 2000-11-21  
[86] 1999-06-18 (PCT/US99/13817)  
[87] 1999-12-29 (WO99/67890)  
[30] US (60/090,333) 1998-06-23

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[21] **2,332,942**  
[13] A1  
[51] **Int.Cl. 6H02K 49/10 6F16H 13/12 6F16H 25/20**  
[25] EN  
[54] **MOTION TRANSMISSION DEVICES**  
[54] **DISPOSITIFS DE TRANSMISSION DE MOUVEMENT**  
[72] BAKER, JOSEPH PETER WILLIAM, GB  
[71] BAKER, JOSEPH PETER WILLIAM, GB  
[85] 2000-11-22  
[86] 1999-05-25 (PCT/GB99/01639)  
[87] 1999-12-09 (WO99/63648)  
[30] GB (9811675.9) 1998-05-29  
[30] GB (9827241.2) 1998-12-10

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[21] **2,332,943**  
[13] A1  
[51] **Int.Cl. 6F16K 31/02**  
[25] EN  
[54] **FAST VALVE AND ACTUATOR**  
[54] **SOUPAPE ET ACTIONNEUR A ACTION RAPIDE**  
[72] GRAY, CHARLES L., JR., US  
[71] UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, US  
[85] 2000-11-21  
[86] 1999-05-21 (PCT/US99/11205)  
[87] 1999-12-02 (WO99/61828)  
[30] US (60/086,617) 1998-05-22

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[21] **2,332,944**  
[13] A1  
[51] **Int.Cl. 7C23C 26/02 7F02F 3/00 7F02F 7/00 7C23C 4/04 7C23C 4/06 7C23C 24/10**  
[25] EN  
[54] **LIGHT METAL CYLINDER BLOCK, METHOD FOR PRODUCING THE SAME AND DEVICE FOR CARRYING OUT SAID METHOD**  
[54] **BLOC CYLINDRIQUE EN METAL LEGER, PROCEDE PERMETTANT DE LE PRODUIRE ET DISPOSITIF POUR METTRE LEDIT PROCEDE EN OEUVRE**  
[72] FEIKUS, FRANZ JOSEF, DE  
[71] VAW ALUMINIUM AG, DE  
[85] 2000-11-22  
[86] 2000-03-10 (PCT/EP00/02125)  
[87] 2000-10-12 (WO00/60136)  
[30] DE (199 15 038.9) 1999-04-01

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[21] **2,332,945**  
[13] A1  
[51] **Int.Cl. 7H05K 1/14**  
[25] EN  
[54] **CROSS-MIDPLANE SWITCH TOPOLOGY**  
[54] **TOPOLOGIE D'UN COMMUTATEUR A PARTIES MOYENNES CROISEES**  
[72] ROGERS, WILLIAM PAUL, US  
[71] INRANGE TECHNOLOGIES CORPORATION, US  
[85] 2000-11-21  
[86] 2000-03-22 (PCT/US00/07490)  
[87] 2000-09-28 (WO00/57679)  
[30] US (60/126,142) 1999-03-25  
[30] US (09/483,018) 2000-01-13

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[21] **2,332,946**  
[13] A1  
[51] **Int.Cl. 6C07C 259/06 6C07D 401/12 6C07D 403/12 6C07D 405/12 6C07D 407/12 6C07D 409/12 6C07D 417/12 6C07D 405/14 6C07D 409/14 6C07C 233/31 6C07D 207/32 6C07D 233/34 6A61K 31/34 6A61K 31/38 6C07D 333/40 6A61K 31/40 6A61K 31/415 6A61K 31/425 6A61K 31/44 6C07D 209/46 6C07D 307/46 6C07D 209/48 6A61K 31/495**  
[25] EN  
[54] **HYDROXAMIC ACID DERIVATIVES AND PHARMACEUTICAL USE THEREOF**  
[54] **DERIVES D'ACIDE HYDROXAMIQUE ET UTILISATION PHARMACEUTIQUE DE CES DERIVES**  
[72] SUGIYAMA, NAOKI, JP  
[72] TAKEDA, SHINJI, JP  
[72] GOTOU, TOMOKAZU, JP  
[72] MAEDA, KAZUHIRO, JP  
[72] YOSHIDA, TOMOHIRO, JP  
[72] TAKEMOTO, TADAHIRO, JP  
[71] WELFIDE CORPORATION, JP  
[85] 2000-11-21  
[86] 1999-05-19 (PCT/JP99/02631)  
[87] 1999-12-02 (WO99/61412)  
[30] JP (141304/1998) 1998-05-22

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[21] **2,332,947**  
[13] A1  
[51] **Int.Cl. 7G09G 3/32 7G09G 3/20 7G09F 9/30**  
[25] EN  
[54] **METHOD AND DEVICE FOR DISPLAYING BIT-MAP MULTI-COLORED IMAGE DATA ON DOT MATRIX TYPE DISPLAY SCREEN ON WHICH THREE-PRIMARY-COLOR LAMPS ARE DISTRIBUTINGLY ARRAYED**  
[54] **PROCEDE ET DISPOSITIF D'AFFICHAGE DE DONNEES D'IMAGE MULTICOLORES DE TYPE PAGE-ECRAN SUR UN ECRAN D'AFFICHAGE DE TYPE MATRICE A POINTS OU LES LAMPES DES TROIS COULEURS PRIMAIRES SONT DISPOSEES EN RESEAU REPARTI**  
[72] TOKIMOTO, TOYOTARO, JP  
[72] OHISHI, MASATOSHI, JP  
[71] AVIX INC., JP  
[85] 2000-11-22  
[86] 2000-03-24 (PCT/JP00/01833)  
[87] 2000-09-28 (WO00/57398)  
[30] JP (11/79664) 1999-03-24



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,332,948</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/50</b> [25] EN [54] <b>CLEANSING ARTICLES FOR SKIN AND/OR HAIR WHICH ALSO DEPOSITS SKIN CARE ACTIVES</b> [54] <b>PRODUITS D'HYGIENE POUR LA PEAU ET/OU LES CHEVEUX DEPOSANT DE PLUS DES INGREDIENTS ACTIFS TRAITANT LA PEAU</b> [72] MCATEE, DAVID MICHAEL, US [72] ALBACARYS, LOURDES DESSUS, US [72] DECKNER, GEORGE ENDEL, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-21 [86] 1999-04-12 (PCT/IB99/00635) [87] 1999-11-04 (WO99/55303) [30] US (60/083,015) 1998-04-24</p>	<p style="text-align: right;">[21] <b>2,332,952</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23P 19/06 6B23P 19/00</b> [25] EN [54] <b>METHOD AND DEVICE FOR TRANSFERRING FIXING ELEMENTS TO PUNCHING HEADS</b> [54] <b>PROCEDE ET DISPOSITIF POUR LE TRANSFERT D'ELEMENTS DE FIXATION A DES TETES DE PRESSION</b> [72] BABEJ, JIRI, DE [72] VIETH, MICHAEL, DE [71] PROFIL VERBINDUNGSTECHNIK GMBH &amp; CO. KG, DE [85] 2000-11-21 [86] 1999-05-20 (PCT/EP99/03487) [87] 1999-12-02 (WO99/61197) [30] DE (198 23 040.0) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,332,956</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 39/08 6D21F 7/08</b> [25] EN [54] <b>PHASE-SEPARATION MEMBER</b> [54] <b>ELEMENT DE SEPARATION EN PHASES</b> [72] LYDON, RICHARD PATRICK, GB [72] DORAN, FREDERICK, GB [71] SCAPA GROUP PLC, GB [85] 2000-11-22 [86] 1999-05-21 (PCT/GB99/01421) [87] 1999-12-02 (WO99/61130) [30] GB (9811082.8) 1998-05-23</p>
<p style="text-align: right;">[21] <b>2,332,949</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47L 9/04</b> [25] EN [54] <b>HOUSEHOLD APPLIANCE TOOL PROVIDED WITH A ROTATING BRUSH WITH SIMULTANEOUS VERTICAL AND RECIPROCATING MOTION</b> [54] <b>APPAREIL ELECTRIQUE DOMESTIQUE DOTE D'UNE BROSSSE ROTATIVE A MOUVEMENT VERTICAL ET ALTERNATIF SIMULTANE</b> [72] PIETROBON, SILVANO, IT [71] W.S. S.P.A., IT [85] 2000-11-22 [86] 1999-05-24 (PCT/IT99/00145) [87] 1999-12-02 (WO99/60911) [30] IT (TV98A000085) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,332,953</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B21C 47/00 6B21C 47/02</b> [25] EN [54] <b>METHOD OF WINDING STRIPS</b> [54] <b>PROCEDE D'ENROULEMENT DE BANDES</b> [72] KUKIZAKI, TAICHI, JP [72] HISHINUMA, ITARU, JP [72] UEDA, KIYOSHI, JP [72] ICHII, YASUO, JP [72] NIKAI DOH, HIDEYUKI, JP [72] SHIBUYA, SATOSHI, JP [71] IMAZEKI, TOSHIO, JP [71] KAWASAKI STEEL CORPORATION, JP [85] 2000-11-22 [86] 1999-09-22 (PCT/JP99/05198) [87] 2000-10-05 (WO00/58039) [30] JP (11/82074) 1999-03-25</p>	<p style="text-align: right;">[21] <b>2,332,957</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 231/14 6C07D 401/04 6C07D 413/04 6C07D 401/12 6C07D 403/12 6C07D 405/12 6C07D 413/12 6C07D 401/14 6C07D 405/14 6A61K 31/415 6A61K 31/42 6A61K 31/44 6A61K 31/47 6A61K 31/50 6A61K 31/505</b> [25] EN [54] <b>SUBSTITUTED 1-(4-AMINOPHENYL)PYRAZOLES AND THEIR USE AS ANTI-INFLAMMATORY AGENTS</b> [54] <b>1-(4-AMINOPHENYL)PYRAZOLES SUBSTITUES ET LEUR UTILISATION EN TANT QU'AGENTS ANTI-INFLAMMATOIRES</b> [72] KIRrane, THOMAS M., US [72] BETAGERI, RAJASHEKHAR, US [72] HOERMMANN, MARY ANN, US [72] SHARMA, RAJIV, US [72] CYWIN, CHARLES L., US [72] HARGRAVE, KARL, US [72] PARKS, THOMAS M., US [72] SUN, SANXING, US [72] WANG, XIAO-JUN, US [72] PATEL, USHA R., US [72] PROUDFOOT, JOHN R., US [71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US [85] 2000-11-21 [86] 1999-06-03 (PCT/US99/12295) [87] 1999-12-09 (WO99/62885) [30] US (60/088,154) 1998-06-05</p>
<p style="text-align: right;">[21] <b>2,332,951</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F27B 3/08 6F27B 3/06 6C21C 5/52</b> [25] EN [54] <b>TILTABLE LIGHT-ARC FURNACE</b> [54] <b>FOUR A ARC BASCULANT</b> [72] FUCHS, GERHARD, DE [71] ARCMET TECHNOLOGIE GMBH, AT [85] 2000-11-22 [86] 1999-05-21 (PCT/EP99/03523) [87] 1999-12-02 (WO99/61857) [30] DE (198 23 226.8) 1998-05-25</p>	<p style="text-align: right;">[21] <b>2,332,954</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C06B 31/28</b> [25] EN [54] <b>ANFO COMPOSITION</b> [54] <b>COMPOSITION D'EXPLOSIF ANFO</b> [72] NOY, MICHAEL JOHN, AU [72] SUJANSKY, VLADIMIR J., AU [71] ORICA EXPLOSIVES TECHNOLOGY PTY LTD., AU [85] 2000-11-22 [86] 1999-05-21 (PCT/AU99/00390) [87] 1999-12-02 (WO99/61395) [30] AU (PP 3661) 1998-05-22</p>	

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[21] **2,332,959**  
[13] A1

[51] **Int.Cl. 6A01N 35/04 6A01N 61/00 6A01N 37/10 6A01N 37/36**  
[25] EN  
[54] **THE USE OF AN ANTI-MICROBIAL COMPOUND FOR DISINFECTION**  
[54] **UTILISATION D'UN COMPOSE ANTIMICROBIEN POUR LA DESINFECTION**  
[72] SIRIANNI, GIUSEPPE, IT  
[72] TRANI, MARINA, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-22  
[86] 1999-06-14 (PCT/IB99/01097)  
[87] 2000-01-06 (WO00/00028)  
[30] EP (98202139.6) 1998-06-26

[21] **2,332,960**  
[13] A1

[51] **Int.Cl. 7H01Q 3/26**  
[25] EN  
[54] **RADIO TRANSMITTER AND TRANSMISSION DIRECTIVITY ADJUSTING METHOD**  
[54] **EMETTEUR RADIO ET PROCEDE DE REGLAGE DE LA DIRECTIVITE D'EMISSION**  
[72] HIRAMATSU, KATSUHIKO, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-11-22  
[86] 2000-03-29 (PCT/JP00/01930)  
[87] 2000-10-12 (WO00/60698)  
[30] JP (11/93983) 1999-03-31

[21] **2,332,961**  
[13] A1

[51] **Int.Cl. 6A61K 31/195 6A61K 31/19 6A61K 31/22**  
[25] EN  
[54] **A METHOD FOR STIMULATION OF DEFENSIN PRODUCTION BY EXPOSURE TO ISOLEUCINE**  
[54] **PROCEDE DE STIMULATION DE LA PRODUCTION DE DEFENSINE PAR EXPOSITION A DE L'ISOLEUCINE**  
[72] ANDERSON, MARK, US  
[72] FEHLBAUM, PASCALE, US  
[72] RAO, MEENA, US  
[72] ZASLOFF, MICHAEL, US  
[71] MAGAININ PHARMACEUTICALS, INC., US  
[85] 2000-11-21  
[86] 1999-05-21 (PCT/US99/11202)  
[87] 1999-11-25 (WO99/59574)  
[30] US (60/086,275) 1998-05-21

[21] **2,332,962**  
[13] A1

[51] **Int.Cl. 6H04L 9/00 6H04L 9/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SECURING SOFTWARE TO REDUCE UNAUTHORIZED USE**  
[54] **PROCEDE ET DISPOSITIF DE SECURISATION D'UN LOGICIEL, DESTINES A REDUIRE UN USAGE NON AUTORISE DE CELUI-CI**  
[72] COLVIN, DAVID S., US  
[71] Z4 TECHNOLOGIES, INC., US  
[85] 2000-11-22  
[86] 1999-05-27 (PCT/US99/11647)  
[87] 1999-12-09 (WO99/63705)  
[30] US (09/090,620) 1998-06-04

[21] **2,332,964**  
[13] A1

[51] **Int.Cl. 6B01J 23/46 6C10K 3/02 6C01B 3/40 6B01J 23/89**  
[25] EN  
[54] **CATALYST AND PROCESS FOR REFORMING HYDROCARBON**  
[54] **CATALYSEUR ET PROCEDE DE REFORMAGE D'HYDROCARBURES**  
[72] FUKUNAGA, TETSUYA, JP  
[71] IDEMITSU KOSAN CO., LTD., JP  
[85] 2000-11-22  
[86] 1999-06-04 (PCT/JP99/03002)  
[87] 1999-12-16 (WO99/64150)  
[30] JP (10/160219) 1998-06-09  
[30] JP (10/198288) 1998-07-14

[21] **2,332,966**  
[13] A1

[51] **Int.Cl. 6B29C 33/60 6B29C 37/00 6C10M 173/00 6C10M 125/14**  
[25] EN  
[54] **PARTING AGENT, ITS USE AND PROCESS FOR ITS PRODUCTION**  
[54] **AGENT DE DEMOULAGE, SON UTILISATION ET SON PROCEDE DE PRODUCTION**  
[72] NIEMEYER, PETER, DE  
[72] SCHNEIDER, VALENTINA, DE  
[72] WOCHNOWSKI, HORST, DE  
[72] SCHNEIDER, ANGELA, DE  
[71] ACMOS CHEMIE GMBH & CO., DE  
[85] 2000-11-21  
[86] 1999-05-25 (PCT/EP99/03575)  
[87] 1999-12-02 (WO99/61215)  
[30] DE (198 23 883.5) 1998-05-28  
[30] DE (198 24 279.4) 1998-05-29

[21] **2,332,967**  
[13] A1

[51] **Int.Cl. 6H01J 17/49 6H01J 31/12**  
[25] EN  
[54] **FIELD ION DISPLAY DEVICE**  
[54] **ECRAN D'AFFICHAGE A IONS DE CHAMP**  
[72] LOU, WEI, CN  
[72] LUO, HONG, CN  
[72] LUO, EN ZE, CN  
[71] BEIJING NEW CENTURY DE'EN S&T DEVELOPMENT CO., LTD., CN  
[85] 2000-11-22  
[86] 1999-05-12 (PCT/CN99/00068)  
[87] 1999-12-02 (WO99/62095)  
[30] CN (98 2 32734.X) 1998-05-22

[21] **2,332,968**  
[13] A1

[51] **Int.Cl. 6C12N 5/06**  
[25] EN  
[54] **THE PRODUCTION OF PRIMMORPHS FROM DISASSOCIATED CELLS OF SPONGES, CORALS AND OTHER INVERTEBRATES, AND USE THEREOF**  
[54] **PREPARATION DE MORPHES PRIMAIRES A PARTIR DE CELLULES DISSOCIEES D'EPONGES, DE CORAUX ET D'AUTRES INVERTEBRES, ET LEUR UTILISATION**  
[72] MULLER, WERNER E. G., DE  
[71] MULLER, WERNER E. G., DE  
[85] 2000-11-22  
[86] 1999-05-06 (PCT/EP99/03121)  
[87] 1999-12-09 (WO99/63060)  
[30] DE (198 24 384.7) 1998-05-30

[21] **2,332,971**  
[13] A1

[51] **Int.Cl. 7F23Q 2/28**  
[25] EN  
[54] **DOUBLE-TRIGGER CHILD-RESISTANT UTILITY LIGHTER**  
[54] **ALLUME-FEU UNIVERSEL DE SECURITE POUR ENFANTS DOTE D'UNE DOUBLE DETENTE**  
[72] SUNG, KIL YONG, US  
[71] CALICO BRANDS, INC., US  
[85] 2000-11-21  
[86] 2000-03-24 (PCT/US00/07925)  
[87] 2000-10-19 (WO00/61995)  
[30] US (09/276,884) 1999-03-26

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[21] **2,332,972**  
[13] A1  
[51] **Int.Cl. 6G03G 15/23 6G03G 15/02 6G03G 15/11**  
[25] EN  
[54] **PRINTING SYSTEM**  
[54] **DISPOSITIF D'IMPRESSION**  
[72] LANDA, BENZION, IL  
[72] ROSEN, JOSEF, IL  
[71] INDIGO N.V., NL  
[85] 2000-11-22  
[86] 1998-05-24 (PCT/IL98/00235)  
[87] 1999-12-02 (WO99/61957)

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[21] **2,332,974**  
[13] A1  
[51] **Int.Cl. 6C07H 17/00 6C07D 489/02 6C07H 9/04 6C07H 13/04 6C07D 213/06**  
[25] EN  
[54] **MORPHINE-6-GLUCURONIDE SYNTHESIS**  
[54] **SYNTHESE DE MORPHINE-6-GLUCURONIDE**  
[72] EWIN, RICHARD ANDREW, GB  
[72] PARSONS, PHILIP JAMES, GB  
[71] CENES LIMITED, GB  
[85] 2000-11-21  
[86] 1999-06-04 (PCT/GB99/01777)  
[87] 1999-12-16 (WO99/64430)  
[30] GB (9812097.5) 1998-06-06  
[30] GB (9900833.6) 1999-01-15

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[21] **2,332,975**  
[13] A1  
[51] **Int.Cl. 6A47F 7/00**  
[25] EN  
[54] **SHELF ASSEMBLY**  
[54] **ENSEMBLE ETAGERE**  
[72] BATTAGLIA, JOSEPH M., US  
[71] L&P PROPERTY MANAGEMENT COMPANY, US  
[85] 2000-11-22  
[86] 1998-11-19 (PCT/US98/24664)  
[87] 1999-12-09 (WO99/62382)  
[30] US (09/090,446) 1998-06-04

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[21] **2,332,977**  
[13] A1  
[51] **Int.Cl. 7H04H 1/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ENCODING AN AUDIO SIGNAL, BY ADDING AN INAUDIBLE CODE TO THE AUDIO SIGNAL, FOR USE IN BROADCAST PROGRAMME IDENTIFICATION SYSTEMS**  
[54] **SYSTEME ET PROCEDE DE CODAGE D'UN SIGNAL AUDIO PAR ADDITION D'UN CODE INAUDIBLE AU SIGNAL AUDIO DESTINE A ETRE UTILISE DANS DES SYSTEMES D'IDENTIFICATION DE PROGRAMMES DE RADIODIFFUSION**  
[72] SRINIVASAN, VENUGOPAL, US  
[71] NIELSEN MEDIA RESEARCH, INC., US  
[85] 2000-11-22  
[86] 1998-11-05 (PCT/US98/23558)  
[87] 2000-01-27 (WO00/04662)  
[30] US (09/116,397) 1998-07-16

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[21] **2,332,978**  
[13] A1  
[51] **Int.Cl. 6A61B 17/42**  
[25] EN  
[54] **METHOD OF TREATMENT FOR PREMATURE RUPTURE OF MEMBRANES IN PREGNANCY (PROM)**  
[54] **METHODE DE TRAITEMENT DE LA RUPTURE PREMATUREE DES MEMBRANES (RPM) AU COURS DE LA GROSSESSE**  
[72] KABLIK, J. JEFFREY, US  
[72] KAZO, GLENN M., US  
[72] ENSCORE, DAVID J., US  
[72] HERMAN, STEPHEN J., US  
[71] FOCAL, INC., US  
[85] 2000-11-22  
[86] 1999-05-21 (PCT/US99/11352)  
[87] 1999-12-02 (WO99/60938)  
[30] US (60/086,624) 1998-05-23

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[21] **2,332,979**  
[13] A1  
[51] **Int.Cl. 6A61K 39/00 6A61K 49/00 6C07K 1/00 6C07K 14/00 6C07K 17/00 6G01N 31/00 6A61K 39/02 6C12N 1/12 6C12N 1/20 6A61K 39/38 6G01N 33/48**  
[25] EN  
[54] **CORRELATIVE PROTECTION USING OSPA ANTIBODY TITERS**  
[54] **PROTECTION CORRELATIVE FAISANT APPEL A DES TITRES D'ANTICORPS OSPA**  
[72] PARENTI, DENNIS, US  
[72] LOBET, YVES, BE  
[72] GILLET, MARC, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-11-21  
[86] 1999-05-20 (PCT/US99/11158)  
[87] 1999-12-02 (WO99/61048)  
[30] US (60/086,456) 1998-05-22  
[30] US (60/127,415) 1999-04-01

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[21] **2,332,980**  
[13] A1  
[51] **Int.Cl. 6C08J 5/00 6C08K 5/00 6C08L 101/00**  
[25] EN  
[54] **SHAPE-FORMED, THREE DIMENSIONAL, MOISTURE VAPOUR PERMEABLE, LIQUID IMPERMEABLE ARTICLES**  
[54] **ARTICLES FACONNES TRIDIMENSIONNELS, PERMEABLES A LA VAPEUR D'EAU ET IMPERMEABLES AUX LIQUIDES**  
[72] CORZANI, ITALO, IT  
[72] PALUMBO, GIANFRANCO, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-22  
[86] 1999-06-09 (PCT/US99/13072)  
[87] 1999-12-16 (WO99/64499)  
[30] EP (98110596.8) 1998-06-09

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[21] **2,332,981**  
[13] A1

[51] **Int.Cl. 7G11B 27/30**  
[25] EN  
[54] **METHOD OF REGISTERING A RUNNING TIME ON AN INFORMATION CARRIER, INFORMATION CARRIER AND APPARATUS**  
[54] **PROCEDE D'ENREGISTREMENT D'UNE DUREE D'EXECUTION SUR UN SUPPORT D'INFORMATION, SUPPORT D'INFORMATION ET APPAREIL**  
[72] BEKKERS, JOOST J. J., NL  
[72] NIJBOER, JAKOB G., NL  
[72] HEEMSKERK, JACOBUS P. J., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2000-11-22  
[86] 2000-03-06 (PCT/EP00/01910)  
[87] 2000-09-28 (WO00/57420)  
[30] EP (99200894.6) 1999-03-23

[21] **2,332,982**  
[13] A1

[51] **Int.Cl. 6A61L 15/00 6C08K 5/00 6C08L 101/00**  
[25] EN  
[54] **LOW VISCOSITY THERMOPLASTIC COMPOSITIONS FOR MOISTURE VAPOUR PERMEABLE STRUCTURES AND THE UTILISATION THEREOF IN ABSORBENT ARTICLES**  
[54] **COMPOSITIONS THERMOPLASTIQUES BASSE VISCOSITE DESTINEES AUX STRUCTURES PERMEABLES A LA VAPEUR D'HUMIDITE ET LEUR UTILISATION DANS DES ARTICLES ABSORBANTS**  
[72] CORZANI, ITALO, IT  
[72] PALUMBO, GIANFRANCO, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-22  
[86] 1999-06-01 (PCT/IB99/00997)  
[87] 1999-12-16 (WO99/64077)  
[30] EP (98110597.6) 1998-06-09

[21] **2,332,983**  
[13] A1

[51] **Int.Cl. 6A23L 1/307 6A61K 9/107**  
[25] EN  
[54] **SITOSTANOL FORMULATION WITH EMULSIFIER TO REDUCE CHOLESTEROL ABSORPTION**  
[54] **FORMULATION DE SITOSTANOL A EMULSIFIANT PERMETTANT DE REDUIRE L'ABSORPTION DE CHOLESTEROL**  
[72] OSTLUND, RICHARD E., JR., US  
[71] WASHINGTON UNIVERSITY, US  
[85] 2000-11-21  
[86] 1999-03-25 (PCT/US99/06293)  
[87] 1999-12-02 (WO99/60869)  
[30] US (09/084,561) 1998-05-26

[21] **2,332,984**  
[13] A1

[51] **Int.Cl. 6C08J 3/20 6C08K 3/00 6B29C 71/02**  
[25] EN  
[54] **METHOD OF PRODUCING A THERMOPLASTIC POLYMER PREFORM AND AN ARTICLE PRODUCED THEREFROM**  
[54] **PROCEDE DE PRODUCTION D'UNE PREFORME DE POLYMERE THERMOPLASTIQUE ET ARTICLE AINSI PRODUIT**  
[72] FISCHER, DAVID PAUL, US  
[72] BUEHRIG, LAVONNA SUZANNE, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 2000-11-22  
[86] 1999-05-27 (PCT/US99/11659)  
[87] 1999-12-02 (WO99/61514)  
[30] US (60/086,924) 1998-05-27

[21] **2,332,985**  
[13] A1

[51] **Int.Cl. 6A61K 31/415**  
[25] EN  
[54] **BENZIMIDAZOLE ANALOGS AS DOWN-REGULATORS OF IGE**  
[54] **ANALOGUES DU BENZIMIDAZOLE UTILES POUR LA REGULATION NEGATIVE DES IGE**  
[72] MAJOR, MICHAEL W., US  
[72] CAMPBELL, MICHAEL G., US  
[72] RICHARDS, MARK L., US  
[72] SIRCAR, JAGADISH, US  
[71] AVANIR PHARMACEUTICALS, US  
[85] 2000-11-21  
[86] 1999-05-21 (PCT/US99/11490)  
[87] 1999-12-02 (WO99/61020)  
[30] US (60/086,494) 1998-05-22

[21] **2,332,986**  
[13] A1

[51] **Int.Cl. 6A01N 1/02**  
[25] EN  
[54] **CRYOPRESERVATION OF HUMAN RED BLOOD CELLS**  
[54] **CRYOCONSERVATION AMELIOREE D'ERYTHROCYTES HUMAINS**  
[72] BURNETT, MICHAEL BRIAN, US  
[72] WAGNER, CHRISTOPHER TODD, US  
[72] LIVESEY, STEPHEN ANTHONY, AU  
[72] CONNOR, JEROME, US  
[71] LIFECELL CORPORATION, US  
[85] 2000-11-22  
[86] 1999-05-26 (PCT/US99/11674)  
[87] 1999-12-02 (WO99/60849)  
[30] US (60/086,836) 1998-05-26

[21] **2,332,988**  
[13] A1

[51] **Int.Cl. 6B01J 23/89 6C07C 67/055**  
[25] EN  
[54] **VINYL ACETATE CATALYST PREPARED WITH POTASSIUM AURATE AND COMPRISING METALLIC PALLADIUM AND GOLD ON A CARRIER PRECOATED WITH COPPER**  
[54] **CATALYSEUR POUR LA PRODUCTION D'ACETATE DE VINYLE COMPORTANT DU PALLADIUM, DU CUIVRE ET DE L'OR, ET PREPARATION CORRESPONDANTE**  
[72] WANG, TAO, US  
[71] CELANESE INTERNATIONAL CORPORATION, US  
[85] 2000-11-22  
[86] 1999-05-19 (PCT/US99/10984)  
[87] 1999-12-09 (WO99/62633)  
[30] US (09/088,287) 1998-06-02

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,332,989</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/415</b> [25] EN [54] <b>BENZIMIDAZOLE DERIVATIVES AS MODULATORS OF IGE</b> [54] <b>DERIVES BENZIMIDAZOLES UTILISES EN TANT QUE MODULATEURS D'IGE</b> [72] RICHARDS, MARK L., US [72] SIRCAR, JAGADISH, US [72] MAJOR, MICHAEL W., US [72] CAMPBELL, MICHAEL G., US [71] AVANIR PHARMACEUTICALS, US [85] 2000-11-21 [86] 1999-05-21 (PCT/US99/11322) [87] 1999-12-02 (WO99/61019) [30] US (60/086,494) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,332,991</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 1/62 6C11D 3/43 6C11D 1/835</b> [25] EN [54] <b>SHOWER RINSING COMPOSITION</b> [54] <b>COMPOSITION DE RINCAGE POUR SURFACES DE DOUCHE</b> [72] CHU, JANA W., US [72] ROBBINS, MICHAEL H., US [72] PETERSON, DAVID, US [72] LATHAM, JAMES R., US [72] CHOY, CLEMENT K., US [71] THE CLOROX COMPANY, US [85] 2000-11-21 [86] 1999-06-02 (PCT/US99/12223) [87] 1999-12-16 (WO99/64548) [30] US (09/096,628) 1998-06-12</p>	<p style="text-align: right;">[21] <b>2,332,994</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F23D 14/28</b> [25] EN [54] <b>CHILD-RESISTANT UTILITY LIGHTER</b> [54] <b>ALLUME-FEU UNIVERSEL DE SECURITE POUR ENFANTS</b> [72] KIL, YONG SUNG, US [71] CALICO BRANDS, INC., US [85] 2000-11-21 [86] 2000-03-24 (PCT/US00/07923) [87] 2000-10-05 (WO00/58666) [30] US (60/126,326) 1999-03-26 [30] US (09/507,100) 2000-02-17 [30] US (09/531,082) 2000-03-18</p>
<p style="text-align: right;">[21] <b>2,332,990</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H03M 13/27</b> [25] EN [54] <b>ADDRESS GENERATOR AND ADDRESS GENERATING METHOD FOR USE IN A TURBO INTERLEAVER/DEINTERLEAVER</b> [54] <b>GENERATEUR D'ADRESSES ET PROCEDE CORRESPONDANT S'UTILISANT DANS UN ENTRELACEUR/DESENTRELACEUR TURBO</b> [72] KIM, BEONG-JO, KR [72] LEE, YOUNG-HWAN, KR [72] KIM, MIN-GOO, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2000-11-22 [86] 2000-04-03 (PCT/KR00/00301) [87] 2000-10-12 (WO00/60751) [30] KR (1999/12859) 1999-04-02</p>	<p style="text-align: right;">[21] <b>2,332,992</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 5/28</b> [25] EN [54] <b>CONTROLLED PHASE DELAY BETWEEN BEAMS FOR WRITING BRAGG GRATINGS</b> [54] <b>REGULATION DU TEMPS DE PROPAGATION DE PHASE SEPARANT DES FAISCEAUX POUR INSCRIPTION SUR DES RESEAUX DE BRAGG</b> [72] STEPANOV, DMITRII, AU [72] SCEATS, MARK, AU [71] THE UNIVERSITY OF SYDNEY, AU [85] 2000-11-22 [86] 1999-05-28 (PCT/AU99/00417) [87] 1999-12-09 (WO99/63371) [30] AU (PP 3816) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,332,995</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b> [25] EN [54] <b>METHOD AND SYSTEM FOR MAXIMISING THE RANGE OF STOCK MANAGEMENT REQUIREMENT PROFILES</b> [54] <b>PROCEDE ET SYSTEME POUR MAXIMISER LA PLAGE DE PROFIL DE COUVERTURE DE BESOINS LORS DE LA GESTION DE STOCKS</b> [72] BRAUN, HEINRICH, DE [71] SAP AKTIENGESELLSCHAFT, DE [85] 2000-11-21 [86] 1999-06-18 (PCT/EP99/04229) [87] 1999-12-29 (WO99/67729) [30] US (60/089,996) 1998-06-19 [30] US (09/204,772) 1998-12-03</p>
	<p style="text-align: right;">[21] <b>2,332,993</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 16/18 6C07K 14/435 6C07K 14/47 6G01N 33/50 6G01N 33/563 6C12N 15/62 6C12Q 1/68</b> [25] EN [54] <b>PHAGOCYtic ASSAY METHOD</b> [54] <b>PROCEDE D'ANALYSE PHAGOCYTAIRE</b> [72] BOGAERT, THIERRY ANDRE OLIVER EDDY, BE [72] VAN CRIEKINGE, WIM MARIA RENE, BE [72] SMITS, ELKE, BE [71] DEVGEN N.V., BE [85] 2000-11-22 [86] 1999-06-10 (PCT/EP99/04043) [87] 1999-12-16 (WO99/64586) [30] GB (9812660.0) 1998-06-11 [30] GB (9820816.8) 1998-09-24</p>	<p style="text-align: right;">[21] <b>2,332,996</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B63B 22/02</b> [25] EN [54] <b>SWIVEL TORQUE TUBE ARRANGEMENT</b> [54] <b>ENSEMBLE TUBE DE REACTION PIVOTANT</b> [72] TURNER, MALCOLM E., US [72] MONTGOMERY, MARSHALL N., US [71] FMC CORPORATION, US [85] 2000-11-22 [86] 1999-06-16 (PCT/US99/13612) [87] 1999-12-23 (WO99/65762) [30] US (60/090,071) 1998-06-19</p>

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<p style="text-align: right;">[21] <b>2,332,997</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/70</b> [25] EN [54] <b>A PROCESS FOR THE TREATMENT OF ORGANOPHOSPHATE POISONING</b> [54] <b>PROCEDE POUR TRAITER UN EMPOISONNEMENT AUX COMPOSES ORGANOPHOSPHORES</b> [72] VAN HELDEN, HERMAN HENDRIK PETER MARIA, NL [72] VAN XANTEN, NICOLAAS HENRICUS WERENFRIED, NL [71] NEDERLANDSE ORGANISATIE VOOR TOEGEPASTNATUURWETENSCHAPPEL IJK ONDERZOEK T, NL [85] 2000-11-21 [86] 1998-06-15 (PCT/NL98/00343) [87] 1999-12-23 (WO99/65501)</p>	<p style="text-align: right;">[21] <b>2,332,999</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/335 6A61K 31/135 6A61K 31/165 6A61K 31/18 6A61K 31/395 6A61K 31/40 6A61K 31/42 6A61K 31/445 6A61K 31/535</b> [25] EN [54] <b>COMPOUNDS HAVING IGE AFFECTING PROPERTIES</b> [54] <b>COMPOSES AYANT DES PROPRIETES AFFECTANT LES IGE</b> [72] SIRCAR, JAGADISH, US [72] CAMPBELL, MICHAEL G., US [72] MAJOR, MICHAEL W., US [72] RICHARDS, MARK L., US [71] AVANIR PHARMACEUTICALS, US [85] 2000-11-21 [86] 1999-05-21 (PCT/US99/11363) [87] 1999-12-02 (WO99/61013) [30] US (60/086,494) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,333,001</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 271/12 6C07D 307/00 6C07D 493/04 6C07D 413/12 6A61K 31/41 6A61K 31/44</b> [25] EN [54] <b>BENZOFUROXAN DERIVATIVES AND THEIR USE IN TREATING ANGINA PECTORIS</b> [54] <b>DERIVES DE BENZOFUROXANE ET LEUR UTILISATION POUR LE TRAITEMENT DE L'ANGINE DE POITRINE</b> [72] SANKARANARAYANAN, ALANGUDI, IN [71] SANKARANARAYANAN, ALANGUDI, IN [85] 2000-11-21 [86] 1999-05-17 (PCT/IB99/00892) [87] 1999-12-02 (WO99/61430) [30] IN (935/CAL/98) 1998-05-22</p>
<p style="text-align: right;">[21] <b>2,332,998</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63H 33/04</b> [25] EN [54] <b>TOY VEHICLE PLAYSET FORMED OF INTERCHANGEABLE INTERLOCKING VERTICALLY STACKED MODULES</b> [54] <b>ENSEMBLE DE JEU AVEC VEHICULE CONSTITUE DE MODULES INTERCHANGEABLES EMPILES S'EMBOITANT VERTICALEMENT</b> [72] HAYES, TREVOR, US [71] MATTEL, INC., US [85] 2000-11-22 [86] 1999-07-21 (PCT/US99/16528) [87] 2000-03-02 (WO00/10670) [30] US (09/136,428) 1998-08-18</p>	<p style="text-align: right;">[21] <b>2,333,000</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63H 17/02</b> [25] EN [54] <b>TOY VEHICLE HAVING IMPACT-RESPONSIVE CRASH SIMULATION</b> [54] <b>VEHICULE-JOUET SIMULANT UN ACCIDENT SOUS L'EFFET D'UN IMPACT</b> [72] PROCH, NATHAN, US [72] TSIKNOPOULOS, PHEDON, US [72] FILOSETA, MIVA, US [72] HALFORD, WAYNE, US [71] MATTEL, INC., US [85] 2000-11-22 [86] 1999-08-02 (PCT/US99/17511) [87] 2000-02-24 (WO00/09230) [30] US (09/132,128) 1998-08-10</p>	<p style="text-align: right;">[21] <b>2,333,002</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16L 25/00 7F16L 27/06</b> [25] EN [54] <b>CONNECTOR FOR CONNECTING A FLUID PIPE WITHIN A SWIVEL STACK</b> [54] <b>RACCORD POUR ASSEMBLER UNE CANALISATION A L'INTERIEUR D'UNE COLONNE PIVOTANTE</b> [72] TURNER, MALCOLM E., US [72] PERSCHE, MALCOLM J., US [71] FMC CORPORATION, US [85] 2000-11-22 [86] 1999-06-24 (PCT/US99/14449) [87] 2000-01-06 (WO00/00380) [30] US (60/091,098) 1998-06-29</p>
		<p style="text-align: right;">[21] <b>2,333,003</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03M 11/24 6H03M 1/00 6H03M 1/18 6H03M 1/36</b> [25] EN [54] <b>DIFFERENTIATING BETWEEN INPUT RANGES IN A PASSIVE KEYPAD</b> [54] <b>DIFFERENCIATION DE GAMMES D'ENTREE DANS UN CLAVIER PASSIF</b> [72] CLAXTON, DANIEL D., US [72] KERR, RICHARD J., US [71] QUALCOMM INCORPORATED, US [85] 2000-11-21 [86] 1999-05-21 (PCT/US99/11412) [87] 1999-12-02 (WO99/62180) [30] US (09/083,637) 1998-05-22</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,333,004</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 233/43 6A61K 31/16</b> [25] EN [54] <b>FORMOTEROL POLYMORPHS</b> [54] <b>POLYMORPHES DU FORMOTEROL</b> [72] GAO, YUN, US [72] SENANAYAKE, CHRIS HUGH, US [72] FANG, KEVIN Q., US [72] WALD, STEPHEN ALAN, US [72] REDMON, MARTIN P., US [72] HETT, ROBERT, CH [71] SEPRACOR INC., US [85] 2000-11-21 [86] 1999-05-20 (PCT/US99/25371) [87] 2000-04-20 (WO00/21487) [30] US (09/083,010) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,333,008</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 209/14 6C07D 217/04 6C07D 401/04 6C07D 403/04 6C07D 215/06 6A61K 31/40 6C07D 209/44 6A61K 31/44 6A61K 31/47 6A61K 31/495</b> [25] EN [54] <b>NEW HETEROCYCLICALLY SUBSTITUTED AMIDES, THEIR PRODUCTION AND THEIR USE</b> [54] <b>NOUVEAUX AMIDES SUBSTITUES HETEROCYCLIQUES, LEUR PRODUCTION ET LEUR UTILISATION</b> [72] MOLLER, ACHIM, DE [72] TREIBER, HANS-JORG, DE [72] KNOPP, MONIKA, DE [72] LUBISCH, WILFRIED, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-11-22 [86] 1999-05-25 (PCT/EP99/03549) [87] 1999-12-02 (WO99/61423) [30] DE (198 23 245.4) 1998-05-25</p>	<p style="text-align: right;">[21] <b>2,333,010</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/56</b> [25] EN [54] <b>METHODS AND DEVICES FOR VASCULAR SURGERY</b> [54] <b>TECHNIQUES ET DISPOSITIFS DE CHIRURGIE VASCULAIRE</b> [72] LOSHAKOVE, AMIR, IL [72] DEROWE, ARI, IL [71] BY-PASS, INC., US [85] 2000-11-22 [86] 1999-05-30 (PCT/IL99/00284) [87] 1999-12-09 (WO99/62415) [30] IL (124694) 1998-05-29 [30] IL (129067) 1999-03-19</p>
<p style="text-align: right;">[21] <b>2,333,005</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 3/03 6C08J 3/00 6C08G 63/88</b> [25] EN [54] <b>METHODS AND APPARATUS FOR THE PRODUCTION OF AMORPHOUS POLYMER SUSPENSIONS</b> [54] <b>PROCEDES ET APPAREIL DE PRODUCTION DE SUSPENSIONS DE POLYMERES AMORPHES</b> [72] GERNGROSS, TILLMAN U., US [72] HOROWITZ, DANIEL, US [71] METABOLIX, INC., US [85] 2000-11-22 [86] 1999-06-09 (PCT/US99/12932) [87] 1999-12-16 (WO99/64498) [30] US (60/088,565) 1998-06-09</p>	<p style="text-align: right;">[21] <b>2,333,009</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/16 6A61K 7/22</b> [25] EN [54] <b>DEVICES WITH COATINGS CONTAINING CHLORHEXIDINE GLUCONATE, COMPOSITIONS AND METHODS</b> [54] <b>DISPOSITIFS A ENROBAGES CONTENANT DU GLUCONATE DE CHLORHEXIDINE, COMPOSITIONS ET METHODES</b> [72] ROZZI, SHARON M., US [72] ASMUS, ROBERT A., US [72] MORRISON, BRIAN R., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2000-11-21 [86] 1999-05-11 (PCT/US99/10372) [87] 1999-12-09 (WO99/62470) [30] US (09/089,872) 1998-06-04</p>	<p style="text-align: right;">[21] <b>2,333,011</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01D 5/18</b> [25] EN [54] <b>A COMPONENT FOR A GAS TURBINE</b> [54] <b>COMPOSANT DESTINE A UNE TURBINE A GAZ</b> [72] FILIPPOV, VLADIMIR, RU [72] BREGMAN, VITALY, RU [72] SHUKIN, SERGEY, SE [71] ABB AB, SE [85] 2000-11-22 [86] 1999-05-18 (PCT/SE99/00846) [87] 1999-12-02 (WO99/61756) [30] SE (9801825-2) 1998-05-25</p>
<p style="text-align: right;">[21] <b>2,333,007</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/30</b> [25] EN [54] <b>MULTI-LINGUAL ON-LINE OBJECT MATCHING</b> [54] <b>CORRESPONDANCE MULTILINGUE D'OBJETS EN LIGNE</b> [72] LITVAK, MULY, IL [72] LEVY, ANAT, IL [71] TARGETMATCH, LTD., IL [85] 2000-11-22 [86] 2000-03-26 (PCT/IL00/00186) [87] 2000-10-05 (WO00/58866) [30] US (09/277,321) 1999-03-26</p>	<p style="text-align: right;">[21] <b>2,333,012</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01B 19/00 6F01B 29/00 6F16J 3/00</b> [25] EN [54] <b>EASY FIT DIAPHRAGM</b> [54] <b>MEMBRANE FACILE A MONTER</b> [72] HOLM, MICHAEL M., US [72] PLANTAN, RONALD S., US [71] INDIAN HEAD INDUSTRIES, INC., US [85] 2000-11-21 [86] 1999-05-12 (PCT/US99/10340) [87] 1999-12-09 (WO99/63203) [30] US (09/087,523) 1998-05-29</p>	

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[21] **2,333,013**  
[13] A1

[51] **Int.Cl. 6D01F 6/84 6C08G 63/60 6C08G 63/78**  
[25] EN  
[54] **PROCESS FOR MAKING LOAD LIMITING YARN**  
[54] **PROCEDE DE FABRICATION DE FIL LIMITANT LA CHARGE**  
[72] TANG, WEIMING, US  
[72] MARES, FRANK, US  
[71] ALLIEDSIGNAL INC., US  
[85] 2000-11-21  
[86] 1999-05-21 (PCT/US99/11288)  
[87] 1999-12-02 (WO99/61687)  
[30] US (09/083,493) 1998-05-22

[21] **2,333,014**  
[13] A1

[51] **Int.Cl. 6H04Q 7/22 6H04Q 7/38**  
[25] EN  
[54] **INTEGRATED RADIO TELECOMMUNICATIONS NETWORK AND METHOD OF INTERWORKING AN ANSI-41 NETWORK AND THE GENERAL PACKET RADIO SERVICE (GPRS)**  
[54] **RESEAU DE RADIOTELECOMMUNICATION INTEGRE ET PROCEDE D'INTERCONNEXION D'UN RESEAU ANSI-41 ET LE SERVICE GENERAL DE RADIOTELECOMMUNICATION PAR PAQUETS (GPRS)**  
[72] RYDNELL, GUNNAR, SE  
[72] DIACHINA, JOHN, US  
[72] THRYSSIN, GUNNAR, SE  
[72] LEE, PAUL, CA  
[72] LUPIEN, FRANCIS, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-23  
[86] 1999-05-28 (PCT/SE99/00927)  
[87] 1999-12-09 (WO99/63774)  
[30] US (60/087,516) 1998-06-01  
[30] US (60/090,810) 1998-06-26  
[30] US (09/217,385) 1998-12-21  
[30] US (09/306,489) 1999-05-06

[21] **2,333,015**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **PRESSURE APPLICATOR DEVICES PARTICULARLY USEFUL FOR NON-INVASIVE DETECTION OF MEDICAL CONDITIONS**  
[54] **DISPOSITIFS A APPLICATEURS DE PRESSION DESTINES NOTAMMENT A LA DETECTION NON INVASIVE D'ETATS PATHOLOGIQUES**  
[72] SCHNALL, ROBERT P., IL  
[71] ITAMAR MEDICAL (CM) 1997 LTD., IL  
[85] 2000-11-21  
[86] 1999-06-02 (PCT/IL99/00292)  
[87] 1999-12-16 (WO99/63884)  
[30] IL (124787) 1998-06-07

[21] **2,333,016**  
[13] A1

[51] **Int.Cl. 6C12N 15/52**  
[25] EN  
[54] **XENOBIOTIC RELATED INDUCTION OF GENE EXPRESSION**  
[54] **INDUCTION XENOBIOTIQUE D'EXPRESSION GENIQUE**  
[72] GOODWIN, BRYAN JAMES, AU  
[72] LIDDLE, CHRISTOPHER, AU  
[71] THE UNIVERSITY OF SYDNEY, AU  
[85] 2000-11-21  
[86] 1999-05-20 (PCT/AU99/00381)  
[87] 1999-12-02 (WO99/61622)  
[30] AU (PP 3628) 1998-05-21

[21] **2,333,017**  
[13] A1

[51] **Int.Cl. 6H01M 4/00 6H01M 4/72 6H01M 4/80**  
[25] EN  
[54] **ELECTROCHEMICAL BATTERY STRUCTURE AND METHOD**  
[54] **STRUCTURE DE BATTERIE ELECTROCHIMIQUE ET PROCEDE**  
[72] SNAPER, ALVIN A., US  
[71] SNAPER, ALVIN A., US  
[85] 2000-11-23  
[86] 1999-01-19 (PCT/US99/01020)  
[87] 1999-12-09 (WO99/63606)  
[30] US (09/087,604) 1998-05-29

[21] **2,333,019**  
[13] A1

[51] **Int.Cl. 6A61N 5/10**  
[25] EN  
[54] **RADIOACTIVE INTRALUMINAL ENDOVASCULAR PROSTHESIS AND METHOD FOR THE TREATMENT OF ANEURYSMS**  
[54] **PROTHESE ENDOVASCULAIRE INTRALUMINALE RADIOACTIVE ET METHODE DE TRAITEMENT DES ANEVRIsmES**  
[72] TURNLAND, TODD H., US  
[72] SWEET, WILLIAM L., US  
[71] ISOSTENT, INC., US  
[85] 2000-11-23  
[86] 1999-05-21 (PCT/US99/11321)  
[87] 1999-12-02 (WO99/61107)  
[30] US (09/084,675) 1998-05-26

[21] **2,333,023**  
[13] A1

[51] **Int.Cl. 6C07D 499/887 6A61K 31/43**  
[25] EN  
[54] **NAPHTHOSULFAMYL METHYL PENEM ANTIBACTERIALS**  
[54] **ANTIBACTERIENS PENEMES, A BASE DE NAPHTOSULFAMYL METHYLE**  
[72] DININNO, FRANK P., US  
[71] MERCK & CO., INC., US  
[85] 2000-11-23  
[86] 1999-05-26 (PCT/US99/11584)  
[87] 1999-12-02 (WO99/61448)  
[30] US (60/087,012) 1998-05-28

[21] **2,333,027**  
[13] A1

[51] **Int.Cl. 6C12P 7/06 6C12C 11/00 6C12G 1/00 6C12G 3/00 6C12C 11/02 6C12G 3/02 6C12N 1/16 6C12N 1/18**  
[25] EN  
[54] **IMPROVED PROCESS FOR ALCOHOLIC FERMENTATION**  
[54] **PROCEDE AMELIORE DE FERMENTATION ALCOOLIQUE**  
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[71] DANSTAR FERMENT A.G., CH  
[85] 2000-11-23  
[86] 1999-05-21 (PCT/IB99/00924)  
[87] 1999-12-02 (WO99/61646)  
[30] GB (9811103.2) 1998-05-23



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[13] A1  
[51] **Int.Cl. 6F02C 7/28 6F01D 9/06 6F01D 25/12**  
[25] EN  
[54] **A ROTOR MACHINE DEVICE**  
[54] **CONCEPTION D'UNE MACHINE ROTATIVE**  
[72] KARLSSON, URBAN, SE  
[71] ABB AB, SE  
[85] 2000-11-23  
[86] 1999-05-21 (PCT/SE99/00873)  
[87] 1999-12-02 (WO99/61768)  
[30] SE (9801900-3) 1998-05-28

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[21] **2,333,032**  
[13] A1  
[51] **Int.Cl. 7H03M 13/27**  
[25] EN  
[54] **INTERLEAVING / DEINTERLEAVING APPARATUS AND METHOD FOR A COMMUNICATION SYSTEM**  
[54] **SYSTEME ET PROCEDE D'ENTRELACEMENT / DESENTRELACEMENT DANS UN SYSTEME DE COMMUNICATION**  
[72] KIM, MIN-GOO, KR  
[72] KIM, BEONG-JO, KR  
[72] LEE, YOUNG-HWAN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-11-23  
[86] 2000-04-03 (PCT/KR00/00300)  
[87] 2000-10-12 (WO00/60750)  
[30] KR (1999/12858) 1999-04-02  
[30] KR (1999/11798) 1999-04-06

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[21] **2,333,033**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR COMMUNICATING INFORMATION OVER LOW BANDWIDTH COMMUNICATIONS NETWORKS**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE COMMUNIQUER DES INFORMATIONS SUR DES RESEAUX DE COMMUNICATION A FAIBLE LARGEUR DE BANDE**  
[72] LINCKE, SCOTT D., US  
[72] HAWKINS, JEFFREY C., US  
[72] SIPHER, JOSEPH K., US  
[71] PALM, INC., US  
[85] 2000-11-23  
[86] 1999-05-26 (PCT/US99/11682)  
[87] 1999-12-02 (WO99/62268)  
[30] US (09/087,515) 1998-05-29  
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[30] US (09/086,888) 1998-05-29

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[21] **2,333,036**  
[13] A1  
[51] **Int.Cl. 6G09G 5/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROCESSING, DISPLAYING AND COMMUNICATING IMAGES**  
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT, L'AFFICHAGE ET LA TRANSMISSION D'IMAGES**  
[72] HALEVY, GILAD, IL  
[72] PLATZKER, DANIEL M., US  
[72] SEGAL, TSAKHI, IL  
[72] BRIAN, LIEL, IL  
[71] TEGRITY, INCORPORATED, US  
[85] 2000-11-23  
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[87] 2000-04-13 (WO00/21065)  
[30] US (09/166,211) 1998-10-02

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[13] A1  
[51] **Int.Cl. 7H01G 9/038 7H01G 9/058 7H01G 9/155**  
[25] EN  
[54] **ELECTROLYTE COMPOSITION AND SOLID POLYMER ELECTROLYTE FOR ELECTRIC DOUBLE-LAYER CAPACITORS, POLARIZABLE ELECTRODE-FORMING COMPOSITION, POLARIZABLE ELECTRODE, AND ELECTRIC DOUBLE-LAYER CAPACITORS**  
[54] **COMPOSITION D'ELECTROLYTE ET ELECTROLYTE POLYMERE SOLIDE POUR CONDENSATEUR A DOUBLE COUCHE, COMPOSITION POUR ELECTRODE POLARISABLE, ELECTRODE POLARISABLE, ET CONDENSATEURS A DOUBLE COUCHE**  
[72] SATO, TAKAYA, JP  
[72] HATA, KIMIYO, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[85] 2000-11-22  
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[87] 2000-09-28 (WO00/57439)  
[30] JP (11/78085) 1999-03-23

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[13] A1  
[51] **Int.Cl. 6A61K 31/557 6C07C 405/00**  
[25] EN  
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[54] **AGENT SOMNIFERE**  
[72] ONO, NAOYA, JP  
[72] OKUYAMA, SHIGERU, JP  
[72] YAMADA, KENJI, JP  
[72] KAMEO, KAZUYA, JP  
[72] SATO, FUMIE, JP  
[72] TANAMI, TOHRU, JP  
[71] TAISHO PHARMACEUTICAL CO., LTD., JP  
[71] SATO, FUMIE, JP  
[85] 2000-11-22  
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[30] JP (10/142622) 1998-05-25

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[13] A1

[51] **Int.Cl. 6B32B 7/10 6B32B 9/00 6G09F 3/03**  
[25] EN  
[54] **TAMPER EVIDENT TAPES AND LABELS**  
[54] **ETIQUETTES ET RUBANS PLASTIQUES INVOLABLES**  
[72] LINNEWIEL, RON, IL  
[71] LINNEWIEL, RON, IL  
[85] 2000-11-23  
[86] 1999-05-10 (PCT/IL99/00243)  
[87] 1999-12-02 (WO99/61240)  
[30] IL (124635) 1998-05-25

[21] **2,333,043**  
[13] A1

[51] **Int.Cl. 6H02J 7/00 6G01R 31/38**  
[25] EN  
[54] **ENERGY STORAGE SYSTEM**  
[54] **SYSTEME D'EMMAGASINEMENT D'ENERGIE**  
[72] HOLTOM, STEPHEN WAYNE, AU  
[72] ABRAHAMSSON, GORAN, AU  
[72] NORLIN, ANNA, AU  
[71] FARNOW TECHNOLOGIES PTY LTD., AU  
[85] 2000-11-23  
[86] 1999-06-09 (PCT/AU99/00469)  
[87] 1999-12-16 (WO99/65131)  
[30] AU (PP 3992) 1998-06-09  
[30] AU (PP 8260) 1999-01-18

[21] **2,333,044**  
[13] A1

[51] **Int.Cl. 6A61N 1/00**  
[25] EN  
[54] **EARTH MAGNETIC-FIELD AUGMENTERS**  
[54] **DISPOSITIF D'AUGMENTATION DU CHAMP MAGNETIQUE TERRESTRE**  
[72] MILLER, WENDELL E., US  
[72] SOUTH, MICHAEL R., US  
[72] SOUTH, ROBERT E., US  
[71] MILLER, WENDELL E., US  
[71] SOUTH, MICHAEL R., US  
[71] SOUTH, ROBERT E., US  
[85] 2000-11-22  
[86] 1999-06-23 (PCT/US99/14041)  
[87] 2000-01-06 (WO00/00249)  
[30] US (60/090,842) 1998-06-26  
[30] US (60/126,869) 1999-03-30  
[30] US (60/135,062) 1999-05-20  
[30] US (09/336,271) 1999-06-18

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[13] A1

[51] **Int.Cl. 7C11D 3/20 7C11D 17/00 7C11D 17/06**  
[25] EN  
[54] **SURFACTANT AGGLOMERATES**  
[54] **AGGLOMERATS DE TENSIOACTIF**  
[72] VEGA, JOSE LUIS, BE  
[72] GOOVAERTS, LUCAS, BE  
[72] TCHEOU, ERIC, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-23  
[86] 1999-07-12 (PCT/US99/15667)  
[87] 2000-01-20 (WO00/02989)  
[30] EP (98870153.8) 1998-07-10  
[30] EP (99870092.6) 1999-04-30

[21] **2,333,048**  
[13] A1

[51] **Int.Cl. 6H01M 10/36 6H01M 8/20 6H01M 4/36**  
[25] EN  
[54] **REDOX GEL BATTERY**  
[54] **PILE D'OXYDOREDUCTION A ELECTROLYTE GELIFIE**  
[72] MENICTAS, CHRIS, AU  
[72] HOLTOM, STEPHEN WAYNE, AU  
[71] FARNOW TECHNOLOGIES PTY LTD., AU  
[85] 2000-11-23  
[86] 1999-06-09 (PCT/AU99/00471)  
[87] 1999-12-16 (WO99/65100)  
[30] AU (PP 3992) 1998-06-09  
[30] AU (PP 8260) 1999-01-18

[21] **2,333,049**  
[13] A1

[51] **Int.Cl. 6A61F 9/00**  
[25] EN  
[54] **LANCET APPARATUS AND METHODS**  
[54] **DISPOSITIF A LANCETTE ET PROCEDES ASSOCIES**  
[72] THORNE, DAVID L., US  
[72] THORNE, MICHAEL L., US  
[72] THORNE, GALE H., US  
[72] OWEN, CHARLES V., US  
[71] SPECIALIZED HEALTH PRODUCTS, INC., US  
[85] 2000-11-22  
[86] 1999-05-11 (PCT/US99/10286)  
[87] 1999-12-02 (WO99/60961)  
[30] US (09/084,112) 1998-05-22

[21] **2,333,050**  
[13] A1

[51] **Int.Cl. 6H01L 39/22**  
[25] EN  
[54] **SUPERCONDUCTIVE TUNNEL JUNCTION DEVICE**  
[54] **DISPOSITIF DE JONCTION A EFFET TUNNEL SUPRACONDUCTEUR**  
[72] BOOTH, NORMAN EWART, GB  
[72] ULLOM, JOEL NATHAN, US  
[72] NAHUM, MICHAEL, US  
[71] ISIS INNOVATION LIMITED, GB  
[85] 2000-11-23  
[86] 1999-06-16 (PCT/GB99/01920)  
[87] 1999-12-23 (WO99/66567)  
[30] GB (9813108.9) 1998-06-17  
[30] GB (9907460.1) 1999-03-31

[21] **2,333,052**  
[13] A1

[51] **Int.Cl. 6B05B 11/00**  
[25] EN  
[54] **A DISPENSER FOR DISPENSING LIQUIDS IN THE FORM OF AEROSOLS**  
[54] **DISTRIBUTEUR DE PRODUITS LIQUIDES SOUS FORME D'AEROSOLS**  
[72] LOMPECH, HERVE, FR  
[72] BOUGAMONT, JEAN-LOUIS, FR  
[72] DUMONT, PIERRE, FR  
[71] REXAM SOFAB, FR  
[85] 2000-11-23  
[86] 1999-05-25 (PCT/FR99/01214)  
[87] 1999-12-02 (WO99/61164)  
[30] FR (98/06577) 1998-05-26

[21] **2,333,055**  
[13] A1

[51] **Int.Cl. 6G06F 9/44 6H04L 9/00 6H04M 11/00 6H04Q 7/20 6H04B 7/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR WIRELESS INTERNET ACCESS**  
[54] **PROCEDE ET DISPOSITIF D'ACCES A L'INTERNET SANS FIL**  
[72] HAWKINS, JEFFREY C., US  
[71] PALM, INC., US  
[85] 2000-11-23  
[86] 1999-05-26 (PCT/US99/11582)  
[87] 1999-12-02 (WO99/61984)  
[30] US (09/087,552) 1998-05-29  
[30] US (09/087,515) 1998-05-29  
[30] US (09/087,563) 1998-05-29  
[30] US (09/086,888) 1998-05-29

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[21] **2,333,056**  
[13] A1

[51] **Int.Cl. 6C08J 3/24 6C08L 13/00 6C08L 19/00 6C08K 5/098**  
[25] EN  
[54] **CATALYSTS FOR PRODUCING COLD OR HOT CROSS-LINKABLE MASSES**  
[54] **CATALYSEURS POUR LA PRODUCTION DE MATIERES RETICULABLES A FROID OU A CHAUD**  
[72] BORN, PETER, DE  
[72] WEINBRECHT, UWE, DE  
[72] GUHL, DIETER, DE  
[71] TH. GOLDSCHMIDT AG, DE  
[71] HENKEL TEROSON GMBH, DE  
[85] 2000-11-23  
[86] 1999-05-14 (PCT/EP99/03333)  
[87] 1999-12-02 (WO99/61515)  
[30] DE (198 23 184.9) 1998-05-23

[21] **2,333,061**  
[13] A1

[51] **Int.Cl. 6B01D 53/48 6B01J 20/00 6B01J 20/02 6B01J 20/04 6B01J 20/06 6B01J 20/30 6B01J 20/34 6B01D 53/52 6B01D 53/83 6B01D 53/96**  
[25] EN  
[54] **ATTRITION RESISTANT, ZINC TITANATE-CONTAINING, REDUCED SULFUR SORBENTS**  
[54] **SORBANTS DE GAZ A TENEUR EN SOUFRE REDUITE, RESISTANTS A L'USURE ET CONTENANT DU TITANATE DE ZINC**  
[72] VIERHEILIG, ALBERT A., US  
[71] INTERCAT DEVELOPMENT, INC., US  
[85] 2000-11-23  
[86] 1999-02-24 (PCT/US99/03971)  
[87] 1999-08-26 (WO99/42201)  
[30] US (60/075,680) 1998-02-24

[21] **2,333,064**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **CLOTHLIKE, BREATHABLE BACKSHEET WITH MULTICOLORED GRAPHICS FOR DISPOSABLE ABSORBENT ARTICLE**  
[54] **COUCHE DE FOND DE TYPE VETEMENT ET IMPER-RESPIRANTE PRESENTANT DES MOTIFS MULTICOLORES CONCUE POUR UN ARTICLE ABSORBANT JETABLE**  
[72] TAO, JIE, JP  
[72] REZAI, EBRAHIM, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-20  
[86] 1998-05-28 (PCT/US98/10853)  
[87] 1999-12-02 (WO99/60973)

[21] **2,333,057**  
[13] A1

[51] **Int.Cl. 7H04J 14/02 7G02B 6/293**  
[25] EN  
[54] **DENSE WDM OPTICAL MULTIPLEXER AND DEMULTIPLEXER**  
[54] **MULTIPLEXEUR OPTIQUE DENSE PAR DIVISION DE LONGUEUR D'ONDE (WDM) ET DEMULTIPLEXEUR**  
[72] ARCHAMBAULT, JEAN-LUC, US  
[71] CIENA CORPORATION, US  
[85] 2000-11-22  
[86] 2000-03-22 (PCT/US00/07565)  
[87] 2000-09-28 (WO00/57590)  
[30] US (09/274,063) 1999-03-22

[21] **2,333,062**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **STEREO PULSE OXIMETER**  
[54] **STEREO-OXIMETRE DE POULS**  
[72] AL-ALI, AMMAR, US  
[72] TOBLER, DAVID R., US  
[72] KOPOTIC, ROBERT J., US  
[72] KIANI, MASSI E., US  
[72] DIAB, MOHAMED K., US  
[71] MASIMO CORPORATION, US  
[85] 2000-11-20  
[86] 1999-05-27 (PCT/US99/11818)  
[87] 1999-12-09 (WO99/62399)  
[30] US (60/087,802) 1998-06-03

[21] **2,333,066**  
[13] A1

[51] **Int.Cl. 6C08F 4/642 6C08F 10/00**  
[25] EN  
[54] **SUPPORTED OLEFIN POLYMERIZATION CATALYST COMPOSITION**  
[54] **COMPOSITION DE CATALYSEUR DE POLYMERISATION OLEFINIQUE SUR SUPPORT**  
[72] KNUUTILLA, HILKKA, FI  
[72] KALLIO, KALLE, FI  
[72] MUSTONEN, MARJA, FI  
[71] BOREALIS TECHNOLOGY OY, FI  
[85] 2000-11-23  
[86] 1999-05-24 (PCT/FI99/00442)  
[87] 1999-12-02 (WO99/61489)  
[30] FI (981148) 1998-05-25

[21] **2,333,063**  
[13] A1

[51] **Int.Cl. 6A61K 38/21**  
[25] EN  
[54] **RECOMBINANT HUMAN INTERFERON BETA-1A (IFN-BETA-1A) FORMULATION**  
[54] **FORMULATION D'INTERFERON HUMAIN RECOMBINANT BETA-1A (IFN-BETA-1A)**  
[72] ROGGE, MARK, US  
[72] ALAM, JOHN, US  
[72] GOELZ, SUSAN, US  
[71] BIOGEN, INC., US  
[85] 2000-11-23  
[86] 1998-05-29 (PCT/US98/07242)  
[87] 1999-12-09 (WO99/62542)

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[13] A1

[51] **Int.Cl. 6C07D 249/12 6C07D 413/12 6A01N 47/38**  
[25] EN  
[54] **SULFONYL AMINO (THIO)CARBONYL TRIAZOLINE (THI)ONS HAVING ALKENYL SUBSTITUENTS**  
[54] **SULFONYL AMINO (THIO)CARBONYL TRIAZOLIN (THI)ONES COMPORTANT DES SUBSTITUANTS ALCENYLE**  
[72] KLUTH, JOACHIM, DE  
[72] HANSSLER, GERD, DE  
[72] MYERS, RANDY ALLEN, DE  
[72] STENZEL, KLAUS, DE  
[72] KONIG, KLAUS, DE  
[72] GESING, ERNST RUDOLF, DE  
[72] WETCHOLOWSKY, INGO, BR  
[72] KIRSTEN, ROLF, DE  
[72] DREWES, MARK WILHELM, DE  
[72] DOLLINGER, MARKUS, US  
[72] MULLER, KLAUS-HELMUT, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-11-20  
[86] 1999-05-17 (PCT/EP99/03389)  
[87] 1999-12-02 (WO99/61429)  
[30] DE (198 23 131.8) 1998-05-23

[21] **2,333,069**  
[13] A1

[51] **Int.Cl. 6G01V 1/36**  
[25] EN  
[54] **SEISMIC DATA ACQUISITION AND METHOD FOR SPATIALLY FILTERING SEISMIC DATA**  
[54] **ACQUISITION ET FILTRAGE TRIDIMENSIONNEL DES DONNEES SISMIQUES**  
[72] BAETEN, GUIDO JOZEF MARIA, GB  
[72] LENGELING, REINHARD GEUNTER WILHELM, GB  
[72] FERBER, RALF-GUNTER, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2000-11-23  
[86] 1999-06-24 (PCT/GB99/01984)  
[87] 2000-01-06 (WO00/00843)  
[30] GB (9813851.4) 1998-06-27

[21] **2,333,070**  
[13] A1

[51] **Int.Cl. 6E03C 1/04**  
[25] EN  
[54] **FAUCET WITH ADJUSTABLE DELIVERY SPOUT AND OPERATING LEVER**  
[54] **ROBINET A BEC REGLABLE ET A LEVIER DE COMMANDE**  
[72] KNAPP, FRANCESCO, IT  
[71] MASCO CORPORATION, US  
[85] 2000-11-23  
[86] 1999-05-26 (PCT/US99/11592)  
[87] 1999-12-02 (WO99/61713)  
[30] IT (TO98A000448) 1998-05-26

[21] **2,333,071**  
[13] A1

[51] **Int.Cl. 6C09D 13/00**  
[25] EN  
[54] **ERASABLE COLORED PENCIL LEAD**  
[54] **MINE DE CRAYON, COLOREE ET EFFACABLE**  
[72] HACKER, DAVID, CA  
[72] LEIDNER, JACOB, CA  
[71] BINNEY & SMITH INC., US  
[85] 2000-11-20  
[86] 1999-06-22 (PCT/US99/14050)  
[87] 2000-01-06 (WO00/00557)  
[30] US (09/105,704) 1998-06-26  
[30] US (09/197,283) 1998-11-20

[21] **2,333,072**  
[13] A1

[51] **Int.Cl. 7G21C 15/00**  
[25] EN  
[54] **APPLICATION OF NOBLE METALS TO INTERNAL SURFACES OF OPERATING BOILING WATER REACTORS IN THE PRESENCE OF ZINC IN REACTOR WATER**  
[54] **APPLICATION DE METAUX NOBLES SUR LES SURFACES INTERNES DE REACTEURS A EAU BOUILLANTE EN CONDITIONS DE MARCHE, EN PRESENCE DE ZINC DANS L'EAU DE REACTEUR**  
[72] HETTIARACHCHI, SAMSON, US  
[72] SIEGWARD, DAVID PHILLIP, US  
[72] COWAN, ROBERT LEE II, US  
[72] LAW, ROBERT JAMES, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2000-11-23  
[86] 1999-10-12 (PCT/US99/23643)  
[87] 2000-04-20 (WO00/22627)  
[30] US (60/103,983) 1998-10-13  
[30] US (09/227,893) 1999-01-11

[21] **2,333,073**  
[13] A1

[51] **Int.Cl. 6A47G 1/10**  
[25] EN  
[54] **HOLDER FOR SUPPORTING A COMPONENT BELOW A SUPPORT**  
[54] **PORTE-COMPOSANT PERMETTANT DE SUPPORTER UN COMPOSANT PLACE SOUS UN SUPPORT**  
[72] PANGBORN, DONALD R., US  
[72] CARONIA, JAMES R., US  
[72] WATT, RICHARD L., US  
[71] WEBER KNAPP COMPANY, US  
[85] 2000-11-20  
[86] 1999-09-10 (PCT/US99/20917)  
[87] 2000-11-16 (WO00/67619)  
[30] US (09/305,542) 1999-05-05

[21] **2,333,074**  
[13] A1

[51] **Int.Cl. 6B32B 31/30 6B29C 51/14 6B32B 27/20 6B32B 27/30**  
[25] EN  
[54] **THICK SHEET LAMINATION PROCESS FOR MAKING EXTERIOR AUTOMOTIVE BODY PANELS**  
[54] **PROCEDE DE STRATIFICATION DE FEUILLES EPAISSES POUR FABRIQUER DES PANNEAUX DE CARROSSERIE EXTERIEURS POUR AUTOMOBILES**  
[72] MARTUS, PAUL J., US  
[72] ENLOW, HOWARD H., US  
[72] ROYS, JOHN E., US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2000-11-23  
[86] 1999-06-07 (PCT/US99/12668)  
[87] 1999-12-16 (WO99/64241)  
[30] US (09/093,471) 1998-06-08

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<p style="text-align: right;">[21] <b>2,333,075</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 1/24</b> [25] EN [54] <b>APPARATUS AND METHOD FOR TESTING A TELECOMMUNICATIONS SYSTEM</b> [54] <b>PROCEDE ET DISPOSITIF DE TEST D'UN SYSTEME DE TELECOMMUNICATIONS</b> [72] DE TULLIO, ROBERT, GB [72] GREENING, MARK, GB [72] FIDLER, JOHN KELVIN, GB [72] YU, JILIANG, GB [71] PORTA SYSTEMS CORPORATION, US [85] 2000-11-23 [86] 1999-05-26 (PCT/US99/11617) [87] 1999-12-02 (WO99/62188) [30] EP (98304171.6) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,333,079</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 4/36 7H01M 4/38 7H01M 4/44</b> [25] EN [54] <b>ACTIVE ELECTRODE COMPOSITIONS COMPRISING RANEY BASED CATALYSTS AND MATERIALS</b> [54] <b>COMPOSITIONS ACTIVES POUR ELECTRODES CONTENANT DES MATIERES ET DES CATALYSEURS DE TYPE RANEY</b> [72] OVSHINSKY, STANFORD R., US [72] VENKATESAN, SRINIVASAN, US [72] ALADJOV, BOYKO, US [72] FOK, KEVIN, US [72] HOPPER, THOMAS J., US [71] OVONIC BATTERY COMPANY, INC., US [85] 2000-11-23 [86] 2000-04-03 (PCT/US00/08845) [87] 2000-10-19 (WO00/62361) [30] US (09/286,941) 1999-04-08</p>	<p style="text-align: right;">[21] <b>2,333,089</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 211/26 6C07D 213/40</b> [25] EN [54] <b>PROCESSES AND INTERMEDIATES FOR PREPARING 2-SUBSTITUTED PIPERIDINE STEREOISOMERS</b> [54] <b>PROCEDES ET PRODUITS INTERMEDIAIRES SERVANT A LA PREPARATION DE STEREO-ISOMERES DE PIPERIDINE 2-SUBSTITUEE</b> [72] KHETANI, VIKRAM, US [72] RAMASWAMY, SOWMIANARAYANAN, US [71] CELGENE CORPORATION, US [85] 2000-11-23 [86] 1998-05-26 (PCT/US98/10599) [87] 1999-12-02 (WO99/61425)</p>
<p style="text-align: right;">[21] <b>2,333,077</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09J 7/02 6A47G 1/17</b> [25] EN [54] <b>STRETCH RELEASE ADHESIVE ARTICLE WITH ENHANCED REMOVAL FEATURE</b> [54] <b>ARTICLE ADHESIF LIBERABLE PAR ETIREMENT MUNI D'UN DISPOSITIF DE LIBERATION AMELIORE</b> [72] HARMERSKI, MICHAEL D., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-11-20 [86] 1998-10-07 (PCT/US98/21152) [87] 1999-12-09 (WO99/63018) [30] US (09/092,630) 1998-06-05</p>	<p style="text-align: right;">[21] <b>2,333,081</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 13/04 6G02B 3/02 6G02B 9/34</b> [25] EN [54] <b>INVERSE TRIPLET LENS ASSEMBLIES</b> [54] <b>ASSEMBLAGE DE TRIPLET DE LENTILLES INVERSES</b> [72] BETENSKY, ELLIS I., CA [71] CONCORD CAMERA CORP., US [85] 2000-11-20 [86] 1999-06-04 (PCT/US99/12658) [87] 1999-12-09 (WO99/63379) [30] US (60/088,055) 1998-06-05</p>	<p style="text-align: right;">[21] <b>2,333,090</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 81/26</b> [25] EN [54] <b>MOISTURE-ABSORBING DEVICE</b> [54] <b>DISPOSITIF ABSORBANT L'HUMIDITE</b> [72] GUSTAFSSON, BO, SE [71] GUSTAFSSON, BO, SE [85] 2000-11-23 [86] 1999-04-23 (PCT/SE99/00659) [87] 1999-12-02 (WO99/61345) [30] SE (9801866-6) 1998-05-27</p>
<p style="text-align: right;">[21] <b>2,333,078</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47K 10/32</b> [25] EN [54] <b>APPARATUS FOR DISPENSING TISSUE</b> [54] <b>DISPOSITIF DISTRIBUTEUR DE PAPIER MENAGER</b> [72] TWEDDELL, RICHARD III, US [72] WILKER, THOMAS ALAN, US [72] STEINHARDT, MARK JOHN, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-20 [86] 1999-06-25 (PCT/IB99/01207) [87] 2000-01-06 (WO00/00071) [30] US (09/107,665) 1998-06-30</p>	<p style="text-align: right;">[21] <b>2,333,091</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10L 1/18 6C07C 59/00</b> [25] EN [54] <b>FUEL LUBRICITY ADDITIVES</b> [54] <b>ADDITIFS A POUVOIR LUBRIFIANT POUR CARBURANT</b> [72] WILLIAMSON, WILL F., US [72] RHODES, BLAINE N., US [72] LANDIS, PHILLIP S., US [71] INTERNATIONAL LUBRICANTS, INC., US [85] 2000-11-23 [86] 1999-05-26 (PCT/US99/11627) [87] 1999-12-02 (WO99/61563) [30] US (09/085,115) 1998-05-26</p>	

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<p style="text-align: right;">[21] <b>2,333,093</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G11B 7/24</b> [25] EN [54] <b>METHOD FOR FORMING A PROTECTIVE BARRIER LAYER ON AN OPTICAL MEMORY DISC SUBSTRATE</b> [54] <b>PROCEDE PERMETTANT DE FORMER UNE COUCHE BARRIERE PROTECTRICE SUR UN SUBSTRAT DE DISQUE A MEMOIRE OPTIQUE</b> [72] HENNESSEY, MICHAEL, US [71] TAPEMATIC, S.P.A., IT [85] 2000-11-23 [86] 1999-05-21 (PCT/IB99/01263) [87] 1999-12-02 (WO99/62063) [30] US (09/087,436) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,333,095</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 9/32</b> [25] EN [54] <b>IMPROVED DES AND OTHER CRYPTOGRAPHIC PROCESSES WITH LEAK MINIMIZATION FOR SMARTCARDS AND OTHER CRYPTOSYSTEMS</b> [54] <b>PERFECTIONNEMENT DE NORMES CRYPTOGRAPHIQUES ET AUTRES PROCEDES CRYPTOGRAPHIQUES A REDUCTION DES FUITES POUR CARTES A PUCES ET AUTRES SYSTEMES CRYPTOGRAPHIQUES</b> [72] JUN, BENJAMIN C., US [72] KOCHER, PAUL C., US [72] JAFFE, JOSHUA M., US [71] CRYPTOGRAPHY RESEARCH, INC., US [85] 2000-11-23 [86] 1999-06-03 (PCT/US99/12734) [87] 1999-12-29 (WO99/67919) [30] US (60/087,826) 1998-06-03</p>	<p style="text-align: right;">[21] <b>2,333,098</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 3/12 6H04B 7/005 6H04J 3/14</b> [25] EN [54] <b>INCREASING PERFORMANCE IN COMMUNICATIONS BY EMBEDDING ONE SIGNAL IN ANOTHER SIGNAL</b> [54] <b>AMELIORATION DES PERFORMANCES DE COMMUNICATION PAR INTEGRATION D'UN SIGNAL DANS UN AUTRE SIGNAL</b> [72] ESMAILZADEH, RIAZ, JP [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-23 [86] 1999-06-01 (PCT/SE99/00948) [87] 1999-12-16 (WO99/65171) [30] US (09/092,381) 1998-06-05</p>
<p style="text-align: right;">[21] <b>2,333,094</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65H 19/22</b> [25] EN [54] <b>METHOD IN REELING OF A PAPER OR PAPERBOARD WEB AND REEL-UP FOR A PAPER OR PAPERBOARD WEB</b> [54] <b>PROCEDE DE BOBINAGE DE BANDE DE PAPIER OU DE CARTON ET BOBINEUSE DE BANDE DE PAPIER OU DE CARTON</b> [72] RATY, JARKKO, FI [71] VALMET CORPORATION, FI [85] 2000-11-23 [86] 1999-05-27 (PCT/FI99/00453) [87] 1999-12-02 (WO99/61360) [30] FI (981182) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,333,097</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 23/52 6C07C 67/055</b> [25] EN [54] <b>VINYL ACETATE CATALYST COMPRISING METALLIC PALLADIUM AND GOLD PREPARED WITH POTASSIUM AURATE</b> [54] <b>CATALYSEUR POUR LA PRODUCTION D'ACETATE DE VINYLE COMPORTANT DU PALLADIUM ET DE L'OR METALLIQUES ET PREPARE A L'AIDE D'AURATE DE POTASSIUM</b> [72] BROUSSARD, JERRY A., US [72] WANG, TAO, US [71] CELANESE INTERNATIONAL CORPORATION, US [85] 2000-11-23 [86] 1999-05-19 (PCT/US99/10992) [87] 1999-12-09 (WO99/62632) [30] US (09/088,978) 1998-06-02</p>	<p style="text-align: right;">[21] <b>2,333,100</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 9/36 6G06K 5/00 6G06K 9/40 6H04N 1/40 6H04N 1/41</b> [25] EN [54] <b>PRE-PROCESSED INFORMATION EMBEDDING SYSTEM</b> [54] <b>SYSTEME D'INTEGRATION D'INFORMATIONS PRETRAITEES</b> [72] WONG, DOUGLAS, US [72] LEE, CHONG U., US [71] SOLANA TECHNOLOGY DEVELOPMENT CORPORATION, US [85] 2000-11-23 [86] 1999-05-25 (PCT/US99/11526) [87] 1999-12-02 (WO99/62022) [30] US (60/087,017) 1998-05-28</p>
		<p style="text-align: right;">[21] <b>2,333,102</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 63/00 6B29B 15/02</b> [25] EN [54] <b>HYBRID LINERS HAVING REDUCED ADHESION TO AN UNVULCANIZED RUBBER MATERIAL</b> [54] <b>REVETEMENTS HYBRIDES AYANT UNE ADHERENCE REDUITE A UN MATERIAU CAOUTCHOUTEUX NON VULCANISE</b> [72] HUFFSTETLER, CHARLES TERRY, US [72] VARGO, RICHARD DAVID, US [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 2000-11-23 [86] 1998-06-01 (PCT/US98/11069) [87] 1999-12-09 (WO99/62695)</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,333,105</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02H 1/00</b> [25] EN [54] <b>FAULT DATA SYNCHRONIZATION VIA PEER-TO-PEER COMMUNICATIONS NETWORK</b> [54] <b>SYNCHRONISATION DE DONNEES DEFECTUEUSES DANS UN RESEAU DE COMMUNICATIONS ENTRE HOMOLOGUES</b> [72] DOUGHERTY, JOHN JAMES, US [71] GENERAL ELECTRIC COMPANY, US [85] 2000-11-23 [86] 2000-03-23 (PCT/US00/06426) [87] 2000-09-28 (WO00/57527) [30] US (09/275,347) 1999-03-24</p>	<p style="text-align: right;">[21] <b>2,333,107</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/70</b> [25] EN [54] <b>PHARMACEUTICAL PRODUCT AND METHODS AND APPARATUS FOR MAKING SAME</b> [54] <b>PRODUIT PHARMACEUTIQUE, PROCEDE ET DISPOSITIF DE REALISATION</b> [72] KELLER, DAVID, US [72] SINGH, BAWA, US [72] LEVINE, AARON WILLIAM, US [72] KUMAR, NALIN, US [72] SOUTHGATE, PETER DAVID, US [72] ROSATI, DOMINIC STEPHEN, US [72] LAL, PRINCE, US [72] CHEN, JEN-CHI, US [72] SUN, HOI CHEONG, US [72] ROACH, WILLIAM RONALD, US [72] ZANZUCCHI, PETER JOHN, US [72] CHRAI, SUGGY S., US [72] DESAI, NITIN VITHALBHAI, US [72] O'MARA, KERRY DENNIS, US [72] HAMMER, LAWRENCE HARRISON, US [72] MURARI, RAMASWAMY, US [72] POLINIAK, EUGENE SAMUEL, US [72] RIVENBURG, HOWARD CHRISTOPHER, US [71] DELSYS PHARMACEUTICAL CORPORATION, US [85] 2000-11-23 [86] 1999-06-08 (PCT/US99/12772) [87] 1999-12-16 (WO99/63972) [30] US (09/095,616) 1998-06-10 [30] US (09/095,246) 1998-06-10</p>	<p style="text-align: right;">[21] <b>2,333,109</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H03M 13/05</b> [25] EN [54] <b>SEGMENTATION MECHANISM FOR A BLOCK ENCODER</b> [54] <b>MECANISME DE SEGMENTATION POUR CODEUR DE BLOCS</b> [72] NIEMINEN, ESKO, FI [72] PIRTIAHO, LAURI, FI [71] NOKIA NETWORKS OY, FI [85] 2000-11-23 [86] 2000-04-14 (PCT/FI00/00322) [87] 2000-10-26 (WO00/64057) [30] FI (990863) 1999-04-16</p>
<p style="text-align: right;">[21] <b>2,333,106</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01J 65/04</b> [25] EN [54] <b>LAMP FOR GENERATING HIGH POWER ULTRAVIOLET RADIATION</b> [54] <b>LAMPE EMETTANT UN RAYONNEMENT ULTRAVIOLET DE GRANDE PUISSANCE</b> [72] POTTER, JAMES M., US [72] MORGAN, GARY L., US [71] TRITON THALASSIC TECHNOLOGIES, INC., US [85] 2000-11-23 [86] 1998-05-26 (PCT/US98/10611) [87] 1999-12-02 (WO99/62104)</p>	<p style="text-align: right;">[21] <b>2,333,108</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 43/06 7B21D 28/00</b> [25] EN [54] <b>CONTAINER LID AND METHOD FOR MAKING SAME</b> [54] <b>COUVERCLE DE BIDON ET PROCEDE DE REALISATION</b> [72] PAGE, CHRISTOPHER I., US [71] PAGE, CHRISTOPHER I., US [85] 2000-11-20 [86] 1999-04-23 (PCT/US99/08506) [87] 1999-11-04 (WO99/55587) [30] US (09/066,018) 1998-04-24</p>	<p style="text-align: right;">[21] <b>2,333,111</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 27/00 6C08K 7/04</b> [25] EN [54] <b>COMPOSITE OF POLYMER OR CERAMIC MATERIALS AND COMPONENT MADE OF SUCH A COMPOSITE</b> [54] <b>MATERIAU COMPOSITE CONSTITUE DE MATERIAUX POLYMERES ET CERAMIQUES, ET PIECE REALISEE A PARTIR DUDIT MATERIAU COMPOSITE</b> [72] WINTERMANTEL, ERICH, CH [72] MAYER, JORG, CH [72] TOGNINI, ROGER, DE [72] MAGERL, FRITZ, CH [72] PETER, THOMAS ANDREAS, CH [72] SPIRIG, WALTER, CH [71] SEPITEC FOUNDATION, LI [85] 2000-11-23 [86] 1999-05-26 (PCT/EP99/03618) [87] 1999-12-02 (WO99/61081) [30] DE (198 23 737.5) 1998-05-27</p>
	<p style="text-align: right;">[21] <b>2,333,112</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16H 47/04 6F16H 3/72</b> [25] EN [54] <b>VARIABLE SPEED VEHICLE POWERTRAINS</b> [54] <b>TRANSMISSIONS DE VEHICULE A VITESSE VARIABLE</b> [72] WILLIAMES, GEOFFREY ALLAN, AU [71] WILLIAMES, GEOFFREY ALLAN, AU [85] 2000-11-23 [86] 1999-05-27 (PCT/AU99/00411) [87] 1999-12-02 (WO99/61820) [30] AU (PP 3737) 1998-05-27</p>	

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[21] **2,333,113**  
[13] A1

[51] **Int.Cl. 6D21H 23/12 6D21H 27/00 6D21H 21/22 6D21H 17/67 6D21H 17/71**  
[25] EN  
[54] **USE OF COLLOIDAL PRECIPITATED CALCIUM CARBONATE AS A FILTER IN THE PREPARATION OF PAPER**  
[54] **UTILISATION DE CARBONATE DE CALCIUM PRECIPITE COLLOIDAL EN TANT QUE CHARGE DANS LA PREPARATION DU PAPIER**  
[72] LUNDEN, KLAUS AKILLES, DK  
[72] MADSEN, JENS TOFTELUND, DK  
[72] ATTRUP, IB, DK  
[71] J.M. HUBER DENMARK APS, DK  
[85] 2000-11-23  
[86] 1999-05-27 (PCT/DK99/00286)  
[87] 1999-12-02 (WO99/61703)  
[30] DK (PA 1998 00735) 1998-05-27

[21] **2,333,114**  
[13] A1

[51] **Int.Cl. 6C09J 9/00**  
[25] EN  
[54] **MICROCELLULAR THERMOPLASTIC ELASTOMERIC STRUCTURES**  
[54] **STRUCTURES ELASTOMERES THERMOPLASTIQUES MICROCELLULAIRES**  
[72] PALLAVER, MATTHEW, US  
[72] CHA, SUNG W., US  
[71] TREXEL, INC., US  
[85] 2000-11-23  
[86] 1999-06-03 (PCT/US99/12415)  
[87] 1999-12-09 (WO99/63019)  
[30] US (09/089,646) 1998-06-03

[21] **2,333,115**  
[13] A1

[51] **Int.Cl. 6G01N 33/50**  
[25] EN  
[54] **METHOD FOR DETECTING POTENTIAL CELLULAR TOXICITY OF COMPOUNDS**  
[54] **METHODE DE DETECTION DE LA TOXICITE CELLULAIRE POTENTIELLE DE COMPOSES**  
[72] MORRIS, CHARLES MCCLELLAN, US  
[72] GRINIUS, LEONAS LEONO, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-23  
[86] 1999-06-01 (PCT/IB99/00998)  
[87] 1999-12-09 (WO99/63343)  
[30] US (60/087,977) 1998-06-04

[21] **2,333,116**  
[13] A1

[51] **Int.Cl. 6H02N 13/00 6B05D 1/06 6B23B 31/28**  
[25] EN  
[54] **CHUCK APPARATUS FOR CLAMPING A PLANAR SUBSTRATE IN AN ELECTROSTATIC COATING METHOD**  
[54] **APPAREIL A MANDRIN POUR FIXER UN SUBSTRAT PLAT SELON UN PROCEDE D'ENDUCTION ELECTROSTATIQUE**  
[72] BRYCKI, BOGDAN, US  
[72] SUN, HOI CHEONG, US  
[71] DELSYS PHARMACEUTICAL CORPORATION, US  
[85] 2000-11-23  
[86] 1999-06-08 (PCT/US99/12632)  
[87] 1999-12-16 (WO99/65136)  
[30] US (09/095,321) 1998-06-10

[21] **2,333,120**  
[13] A1

[51] **Int.Cl. 6G07F 11/00**  
[25] EN  
[54] **SYSTEM AND APPARATUS FOR THE DISPENSING OF DRUGS**  
[54] **SYSTEME ET APPAREIL DE DISTRIBUTION DE MEDICAMENTS**  
[72] CONRAD, WILLIAM, US  
[72] RODENRYS, JOHN J., US  
[72] FEENEY, ROBERT J., US  
[72] CALABRO, JOSEPH M., US  
[72] LEE, PATRICIA M., US  
[72] DIBELKA, ALBERT W., US  
[72] BROADFIELD, LAIRD, US  
[72] SEELINGER, PAUL M., US  
[72] HEFFRON, DAVID T., US  
[71] PYXIS CORPORATION, US  
[85] 2000-11-23  
[86] 1999-05-29 (PCT/US99/11901)  
[87] 1999-12-02 (WO99/60982)  
[30] US (09/087,388) 1998-05-29

[21] **2,333,122**  
[13] A1

[51] **Int.Cl. 6H01M 8/04**  
[25] EN  
[54] **FUEL CELL SYSTEM AND CELL CONTROL METHOD**  
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE PILE**  
[72] IWASE, MASAYOSHI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2000-11-23  
[86] 1999-05-31 (PCT/JP99/02909)  
[87] 1999-12-29 (WO99/67846)  
[30] JP (10/196763) 1998-06-25

[21] **2,333,123**  
[13] A1

[51] **Int.Cl. 6G11B 33/02 6B65D 85/57**  
[25] EN  
[54] **A BOX FOR STORING A STORAGE MEDIUM**  
[54] **BOITIER CONCU POUR STOCKER UN SUPPORT D'ENREGISTREMENT**  
[72] KALCHER, CONNY, GB  
[71] INTERLEGO AG, CH  
[85] 2000-11-23  
[86] 1999-05-27 (PCT/DK99/00285)  
[87] 1999-12-02 (WO99/62066)  
[30] DK (PA 1998 00734) 1998-05-27

[21] **2,333,124**  
[13] A1

[51] **Int.Cl. 6H01J 49/38**  
[25] EN  
[54] **TOTAL ION NUMBER DETERMINATION IN AN ION CYCLOTRON RESONANCE MASS SPECTROMETER USING ION MAGNETRON RESONANCE**  
[54] **DETERMINATION DU NOMBRE D'IONS TOTAL DANS UN SPECTROMETRE DE MASSE A RESONANCE CYCLOTRONIQUE D'IONS PAR RESONANCE MAGNETRON D'IONS**  
[72] BEU, STEVEN C., US  
[71] SIEMES APPLIED AUTOMATION, INC., US  
[85] 2000-11-23  
[86] 1999-05-24 (PCT/US99/11434)  
[87] 1999-12-02 (WO99/62100)  
[30] US (09/086,611) 1998-05-28



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[21] **2,333,125**  
[13] A1  
[51] **Int.Cl. 6A61K 39/395 6A61K 38/00**  
[25] EN  
[54] **ALPHA EMITTING CONSTRUCTS AND USES THEREOF**  
[54] **CONSTRUCTIONS D'EMETTEURS ALPHA ET LEURS UTILISATIONS**  
[72] MA, DANGSHE, US  
[72] MCDEVITT, MICHAEL R., US  
[72] SGOUROS, GEORGE, US  
[72] SCHEINBERG, DAVID, US  
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US  
[85] 2000-11-23  
[86] 1999-05-26 (PCT/US99/11673)  
[87] 1999-12-02 (WO99/61097)  
[30] US (60/086,772) 1998-05-26

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[21] **2,333,126**  
[13] A1  
[51] **Int.Cl. 7B29B 9/06 7B29B 9/14 7B29C 53/14**  
[25] EN  
[54] **CONTINUOUS-STRAND PELLETS AND METHOD AND DEVICE FOR PREPARING CONTINUOUS-STRAND PELLETS**  
[54] **GRANULAT A LONGUES FIBRES ET PROCEDE ET DISPOSITIF DE FABRICATION DUDIT GRANULAT**  
[72] REUSSMANN, THOMAS, DE  
[72] MIECK, KLAUS-PETER, DE  
[71] OSTTHURINGISCHE MATERIALPRUFGESELLSCHAFT FUR TEXTIL UND KUNSTSTOFFE MBH, DE  
[85] 2000-11-23  
[86] 2000-03-02 (PCT/DE00/00706)  
[87] 2000-10-05 (WO00/58064)  
[30] DE (299 05 499.3) 1999-03-25

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[21] **2,333,127**  
[13] A1  
[51] **Int.Cl. 6D21F 3/08 6F16C 13/00**  
[25] EN  
[54] **ARRANGEMENT FOR FASTENING PRESS JACKET TO PRESS ROLL END**  
[54] **AGENCEMENT DE FIXATION D'UNE ENVELOPPE DE PRESSE A L'EXTREMITE D'UN ROULEAU DE PRESSE**  
[72] JANNETYINEN, JARI, FI  
[71] TAMFELT OYJ ABP, FI  
[85] 2000-11-23  
[86] 1999-05-24 (PCT/FI99/00445)  
[87] 1999-12-02 (WO99/61700)  
[30] FI (981150) 1998-05-25

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[21] **2,333,128**  
[13] A1  
[51] **Int.Cl. 6C10M 145/16 6C08G 67/02 6C08F 218/16 6C10L 1/18 6C10M 145/18**  
[25] EN  
[54] **DIALKYL FUMARATE COPOLYMERS AND THEIR USE AS FLOW IMPROVERS IN OLEAGINOUS FLUIDS**  
[54] **COPOLYMERES DE FURAMATE DIALCOYLIQUE ET LEUR UTILISATION COMME AGENTS AMELIORANT L'ECOULEMENT DANS DES LIQUIDES OLEAGINEUX**  
[72] ZUSHMA, STEPHEN, US  
[72] VARMA-NAIR, MANIKA, US  
[72] BERLUCHE, ENOCK, US  
[72] PATIL, ABHIMANYU, ONKAR, US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[85] 2000-11-23  
[86] 1999-05-07 (PCT/US99/10203)  
[87] 1999-12-09 (WO99/63029)  
[30] US (09/087,257) 1998-05-29

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[21] **2,333,129**  
[13] A1  
[51] **Int.Cl. 6B65B 63/08 6B65B 9/06**  
[25] EN  
[54] **WRAPPED MATERIAL, AND METHOD AND APPARATUS FOR WRAPPING SUCH MATERIAL**  
[54] **MATIERE CONDITIONNEE, PROCEDE ET APPAREIL D'EMBALLAGE D'UNE TELLE MATIERE**  
[72] PEACOCK, DONALD R., US  
[72] CHRIST, DENNIS L., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-11-23  
[86] 1999-01-06 (PCT/US99/00271)  
[87] 1999-12-02 (WO99/61321)  
[30] US (09/085,493) 1998-05-27

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[21] **2,333,130**  
[13] A1  
[51] **Int.Cl. 6B01J 19/08 6B05D 1/04**  
[25] EN  
[54] **AC WAVEFORMS BIASING FOR BEAD MANIPULATING CHUCKS**  
[54] **POLARISATION PAR SIGNAL EN COURANT ALTERNATIF POUR MANDRINS DE MANIPULATION DE PERLES**  
[72] SUN, HOI CHEONG, US  
[72] ROSATI, DOMINIC STEOHEN, US  
[72] DESAI, NITIN VITHALBHAI, US  
[72] SINGH, BAWA, US  
[72] POLINIAK, EUGENE SAMUEL, US  
[71] DELSYS PHARMACEUTICAL CORPORATION, US  
[85] 2000-11-23  
[86] 1999-06-08 (PCT/US99/12764)  
[87] 1999-12-16 (WO99/64148)  
[30] US (09/095,425) 1998-06-10

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[21] **2,333,131**  
[13] A1  
[51] **Int.Cl. 6C08F 20/04 6C08F 251/00 6A61L 15/00**  
[25] EN  
[54] **WATER-ABSORBING POLYMERS WITH SUPRAMOLECULAR HOLLOW MOLECULES, METHOD FOR PRODUCING THEM AND USE OF THE SAME**  
[54] **POLYMERES HYDRO-ABSORBANTS AVEC DES MOLECULES CREUSES SUPRAMOLECULAIRES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**  
[72] ISSBERNER, JORG, DE  
[72] WERNER, GEORG, DE  
[72] MERTENS, RICHARD, DE  
[72] KERSTEN, DAGMAR, DE  
[72] BRUHN, CHRISTOPH, DE  
[72] HERRMANN, EDGAR, DE  
[71] STOCKHAUSEN GMBH & CO. KG, DE  
[85] 2000-11-23  
[86] 1999-05-28 (PCT/EP99/03705)  
[87] 1999-12-16 (WO99/64485)  
[30] DE (198 25 486.5) 1998-06-08

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[21] **2,333,132**  
[13] A1

[51] **Int.Cl. 6F42D 1/18 6E21B 33/136**  
[25] EN  
[54] **BOREHOLE CLOSURE PLUG**  
[54] **BOUCHON DE FERMETURE DE PUIT DE FORAGE**  
[72] HEINKE, NILS ALBERTO, US  
[72] SKAGGS, ROGER DEAN, US  
[72] COLLINSWORTH, STEPHEN MITCHELL, US  
[71] HEINKE, NILS ALBERTO, US  
[71] SKAGGS, ROGER DEAN, US  
[71] COLLINSWORTH, STEPHEN MITCHELL, US  
[85] 2000-11-23  
[86] 1999-05-27 (PCT/IB99/00956)  
[87] 1999-12-02 (WO99/61864)  
[30] ZA (98/4522) 1998-05-27

[21] **2,333,133**  
[13] A1

[51] **Int.Cl. 6A62D 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TREATING SALT STREAMS**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE COURANTS SALES**  
[72] MCBRAYER, ROY NELSON JR., US  
[72] TIDLUND, LARS HENNING, SE  
[72] STENMARK, LARS BERTIL, SE  
[71] CHEMATUR ENGINEERING AB, SE  
[85] 2000-11-23  
[86] 1999-06-09 (PCT/SE99/01006)  
[87] 1999-12-16 (WO99/64112)  
[30] US (09/096,873) 1998-06-12

[21] **2,333,134**  
[13] A1

[51] **Int.Cl. 6A23L 1/221 6A23L 1/212 6A23L 1/227 6A23L 1/228 6A23L 1/229**  
[25] EN  
[54] **A CLEAR TOMATO CONCENTRATE AS A TASTE ENHANCER**  
[54] **CONCENTRE DE TOMATES TRANSPARENT UTILISE COMME EXHAUSTEUR DE GOUT**  
[72] GEIFMAN, ARTURO, IL  
[72] HARTAL, DOV, IL  
[71] LYCORED NATURAL PRODUCTS INDUSTRIES LTD., IL  
[85] 2000-11-24  
[86] 1999-05-24 (PCT/IL99/00273)  
[87] 1999-12-02 (WO99/60868)  
[30] IL (124660) 1998-05-27

[21] **2,333,135**  
[13] A1

[51] **Int.Cl. 7H04B 1/69**  
[25] EN  
[54] **METHOD FOR CONTROLLING GATED TRANSMISSION OF DEDICATED CHANNEL IN W-CDMA COMMUNICATION SYSTEM**  
[54] **PROCEDE DE COMMANDE DE L'EMISSION INTERMITTENTE SUR UN CANAL SPECIALISE DANS UN SYSTEME DE COMMUNICATION W-CDMA**  
[72] KIM, KYOU-WOONG, KR  
[72] MUN, HYUN-JUNG, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-11-24  
[86] 2000-04-12 (PCT/KR00/00344)  
[87] 2000-10-19 (WO00/62435)  
[30] KR (1999/13611) 1999-04-12  
[30] KR (1999/12880) 1999-04-13  
[30] KR (1999/18343) 1999-05-20

[21] **2,333,136**  
[13] A1

[51] **Int.Cl. 6A23L 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REGULATING FLOW OF A PUMPABLE SUBSTANCE**  
[54] **PROCEDE ET APPAREIL DE REGULATION DU FLUX D'UNE SUBSTANCE POUVANT ETRE POMPEE**  
[72] TREMOULET, OLIVIER L., JR., US  
[71] FLOW INTERNATIONAL CORPORATION, US  
[85] 2000-11-24  
[86] 1999-06-17 (PCT/US99/13726)  
[87] 1999-12-23 (WO99/65341)  
[30] US (09/099,899) 1998-06-18

[21] **2,333,137**  
[13] A1

[51] **Int.Cl. 6H04B 1/40**  
[25] EN  
[54] **MULTIPLE WAVEFORM SOFTWARE RADIO**  
[54] **RADIO A LONGUEURS D'ONDES MULTIPLES RENFERMANT UN LOGICIEL**  
[72] PALERMO, KEITH CHARLES, US  
[71] MOTOROLA, INC., US  
[85] 2000-11-24  
[86] 1999-05-27 (PCT/US99/11734)  
[87] 1999-12-02 (WO99/62194)  
[30] US (09/086,804) 1998-05-29

[21] **2,333,138**  
[13] A1

[51] **Int.Cl. 7A01K 71/00 7A01K 69/00 7A01K 73/00**  
[25] EN  
[54] **ACOUSTICALLY VISIBLE FISHING NET**  
[54] **FILET DE PECHE ACOUSTIQUEMENT VISIBLE**  
[72] KING, DONALD P., US  
[72] HOLY, NORMAN L., US  
[71] ATLANTIC GILLNET SUPPLY, INC., US  
[85] 2000-11-24  
[86] 2000-03-24 (PCT/US00/07909)  
[87] 2000-10-05 (WO00/57696)  
[30] US (09/276,722) 1999-03-26

[21] **2,333,139**  
[13] A1

[51] **Int.Cl. 6A23L 1/23 6A23C 19/09**  
[25] EN  
[54] **FLAVOR ENHANCER**  
[54] **RENFORCATEUR D'AROME**  
[72] LECOUTEUX, CLAUDE, US  
[72] GUICHARD, HUGUES, FR  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2000-11-24  
[86] 1999-06-14 (PCT/EP99/04076)  
[87] 1999-12-29 (WO99/66805)  
[30] US (09/103,248) 1998-06-23

[21] **2,333,140**  
[13] A1

[51] **Int.Cl. 6E05B 9/10 6E05B 17/04 6E05B 47/06**  
[25] EN  
[54] **ELECTRONIC LOCK WITH MECHANICAL CLUTCH**  
[54] **SERRURE ELECTRONIQUE A EMBRAYAGE MECANIQUE**  
[72] ISCLA, MICHEL, FR  
[71] ELECTRONIC KEY SYSTEMS (E.K.S.), S.A.R.L., LU  
[85] 2000-11-24  
[86] 1999-05-26 (PCT/FR99/01224)  
[87] 1999-12-02 (WO99/61728)  
[30] FR (98/06642) 1998-05-27

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[21] **2,333,141**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **CALL ROUTING USING DIRECT IN-DIALING NUMBERS IN PLACE OF TEMPORARY ROUTING NUMBERS**  
[54] **ACHEMINEMENT D'APPEL AU MOYEN DE NUMEROS D'APPEL AUTOMATIQUE INTERNE DIRECT A LA PLACE DE NUMEROS D'ACHEMINEMENT TEMPORAIRE**  
[72] WIKSTROM, CLAES, SE  
[72] LINDGREN, MAGNUS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-24  
[86] 1999-06-04 (PCT/SE99/00968)  
[87] 1999-12-29 (WO99/67970)  
[30] US (09/102,722) 1998-06-22

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[21] **2,333,142**  
[13] A1

[51] **Int.Cl. 6G08B 13/14**  
[25] EN  
[54] **LOCATING SYSTEM AND METHOD EMPLOYING RADIO FREQUENCY TAGS**  
[54] **PROCEDE ET SYSTEME DE LOCALISATION UTILISANT DES ETIQUETTES A RADIOFREQUENCES**  
[72] SCHEPPS, JONATHON LLOYD, US  
[71] SARNOFF CORPORATION, US  
[85] 2000-11-24  
[86] 1999-05-27 (PCT/US99/11833)  
[87] 1999-12-02 (WO99/62039)  
[30] US (09/085,410) 1998-05-27

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[21] **2,333,143**  
[13] A1

[51] **Int.Cl. 6H04Q 7/14**  
[25] EN  
[54] **EVENT REMINDER FOR A COMMUNICATION DEVICE**  
[54] **APPAREIL DE RAPPEL D'EVENEMENTS DESTINE A UN DISPOSITIF DE COMMUNICATION**  
[72] MURRAY, BRADLEY A., US  
[71] MOTOROLA, INC., US  
[85] 2000-11-24  
[86] 1999-04-13 (PCT/US99/08047)  
[87] 1999-12-02 (WO99/62277)  
[30] US (09/083,930) 1998-05-26

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[21] **2,333,149**  
[13] A1

[51] **Int.Cl. 6A61B 5/04**  
[25] EN  
[54] **INTRAPERICARDIAL PROCEDURES AND APPARATUSES**  
[54] **PROCEDURES ET APPAREILS D'EXPLORATION INTRAPERICARDIQUE**  
[72] GRABEK, JAMES R., US  
[72] LUNDEEN, LAWRENCE A., US  
[72] RIEGER, PATRICIA J., US  
[72] SCHMIDT, CECIL C., US  
[72] BEAURLINE, CARL M., US  
[71] COMEDICUS INCORPORATED, US  
[85] 2000-11-23  
[86] 1999-05-26 (PCT/US99/11615)  
[87] 1999-12-02 (WO99/60924)  
[30] US (09/084,461) 1998-05-26  
[30] US (60/132,654) 1999-05-05

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[21] **2,333,150**  
[13] A1

[51] **Int.Cl. 6G06F 17/18**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR DATA COMPARISON**  
[54] **PROCEDE ET SYSTEME POUR COMPARAISON DE DONNEES**  
[72] COCKRELL, ERIC, US  
[72] BUCKLEY, JAMIE, US  
[72] DAVIS, JAMES, US  
[71] WILLIAMS COMMUNICATIONS, INC., US  
[85] 2000-11-23  
[86] 1999-05-14 (PCT/US99/10762)  
[87] 1999-12-02 (WO99/61999)  
[30] US (09/084,760) 1998-05-26

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[21] **2,333,151**  
[13] A1

[51] **Int.Cl. 7B32B 5/28 7B29C 70/42**  
[25] EN  
[54] **COMPLEX FIBER REINFORCED MATERIAL, PREFORM, AND METHOD OF PRODUCING FIBER REINFORCED PLASTIC**  
[54] **MATERIAU DE FIBRE RENFORCE COMPLEXE, PREFORME, ET PROCEDE DE FABRICATION DE FIBRES DE PLASTIQUES RENFORCEES**  
[72] HIRABARA, TAKEHIKO, JP  
[72] HORIBE, IKUO, JP  
[72] NISHIMURA, AKIRA, JP  
[72] HOMMA, KIYOSHI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2000-11-22  
[86] 2000-02-22 (PCT/JP00/00989)  
[87] 2000-09-28 (WO00/56539)  
[30] JP (11/77557) 1999-03-23  
[30] JP (11/106846) 1999-04-14

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[21] **2,333,152**  
[13] A1

[51] **Int.Cl. 6B01D 53/26 6B01D 5/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR COOL-DRYING**  
[54] **PROCEDE ET DISPOSITIF DE SECHAGE PAR LE FROID**  
[72] LAUWERS, PETER ALBERT, BE  
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE  
[85] 2000-11-23  
[86] 1999-05-11 (PCT/BE99/00059)  
[87] 1999-12-02 (WO99/61135)  
[30] BE (9800397) 1998-05-26  
[30] BE (9800687) 1998-09-24

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[21] **2,333,153**  
[13] A1

[51] **Int.Cl. 6G01N 30/28 6G01N 30/36**  
[25] EN  
[54] **PROCESS CONTROL**  
[54] **COMMANDE DE PROCESSUS**  
[72] LAGERHOLM, BENGT, SE  
[72] SPAREN, ANDERS, SE  
[72] FRANSSON, MAGNUS, SE  
[72] KARLSSON, LARS, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-11-23  
[86] 1999-05-31 (PCT/SE99/00939)  
[87] 1999-12-09 (WO99/63338)  
[30] SE (9801949-0) 1998-06-02

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[21] **2,333,154**  
[13] A1

[51] **Int.Cl. 6A61K 31/47 6A61K 9/107**  
[25] EN  
[54] **MICROEMULSION  
PRECONCENTRATES CONTAINING A  
PIPERIDINE SUBSTANCE P  
ANTAGONIST**  
[54] **PRECONCENTRES DE  
MICROEMULSION CONTENANT UN  
ANTAGONISTE DE LA SUBSTANCE P  
A BASE DE PIPERIDINE**  
[72] LANG, STEFFEN, CH  
[72] LIECHTI, KURT, CH  
[71] NOVARTIS AG, CH  
[85] 2000-11-23  
[86] 1999-05-26 (PCT/EP99/03623)  
[87] 1999-12-02 (WO99/61025)  
[30] GB (9811200.6) 1998-05-26  
[30] GB (9818105.0) 1998-08-19

[21] **2,333,156**  
[13] A1

[51] **Int.Cl. 7A61F 13/00 7A61K 47/30**  
[25] EN  
[54] **ORAL TRANSMUCOSAL  
DELIVERY OF DRUGS OR ANY OTHER  
INGREDIENTS VIA THE INNER  
BUCCAL CAVITY**  
[54] **DISTRIBUTION  
TRANSMUCOSALE ORALE DE  
MEDICAMENTS OU D'AUTRES  
INGREDIENTS VIA LA CAVITE  
BUCCALE**  
[72] BAKER, JOSEPH L., US  
[72] ACHARYA, RAMESH N., US  
[71] WATSON PHARMACEUTICALS,  
INC., US  
[85] 2000-11-23  
[86] 2000-03-28 (PCT/US00/08149)  
[87] 2000-10-12 (WO00/59423)  
[30] US (09/285,018) 1999-04-01

[21] **2,333,157**  
[13] A1

[51] **Int.Cl. 6C07D 403/14 6C07D 413/14  
6A61K 31/505 6A61K 31/535**  
[25] EN  
[54] **NOVEL SUBSTITUTED  
IMIDAZOLE COMPOUNDS  
D'IMIDAZOLE SUBSTITUE**  
[54] **NOUVEAUX COMPOSES  
D'IMIDAZOLE SUBSTITUE**  
[72] ADAMS, JERRY LEROY, US  
[71] SMITHKLINE BEECHAM  
CORPORATION, US  
[85] 2000-11-23  
[86] 1999-05-25 (PCT/US99/11455)  
[87] 1999-12-02 (WO99/61440)  
[30] US (60/086,645) 1998-05-26

[21] **2,333,158**  
[13] A1

[51] **Int.Cl. 6H04N 1/024 6H04N 1/12**  
[25] EN  
[54] **IMAGE READ/WRITE INTEGRAL  
HEAD, AND IMAGE PROCESSOR  
EQUIPPED WITH THE SAME**  
[54] **TETE MONOBLOC DE LECTURE/  
ECRITURE D'IMAGES ET  
PROCESSEUR D'IMAGES EN ETANT  
EQUIPE**  
[72] IMAMURA, NORIHIRO, JP  
[72] TAKAKURA, TOSHIHIKO, JP  
[72] FUJIMOTO, HISAYOSHI, JP  
[72] ONISHI, HIROAKI, JP  
[71] ROHM CO., LTD., JP  
[85] 2000-11-23  
[86] 1999-05-31 (PCT/JP99/02874)  
[87] 1999-12-09 (WO99/63748)  
[30] JP (10/149583) 1998-05-29  
[30] JP (10/197334) 1998-07-13  
[30] JP (10/197335) 1998-07-13  
[30] JP (10/204916) 1998-07-21

[21] **2,333,159**  
[13] A1

[51] **Int.Cl. 6C12N 9/12 6A61K 38/00  
6C12N 15/12 6A61K 38/17 6C07K 14/47  
6C12N 15/85**  
[25] EN  
[54] **METHOD FOR ALTERING THE  
ACTIVITY OF PROTEINS OF THE PKA  
SIGNALING PATHWAY**  
[54] **METHODE POUR ALTERER  
L'ACTIVITE DES PROTEINES DE VOIE  
DE SIGNALISATION DE LA PROTEINE  
KINASE A(PKA)**  
[72] MUSTELIN, THOMAS, US  
[72] SKALHEGG, BJORN STEEN, NO  
[72] LEVY, FINN OLAV, NO  
[72] SUNDVOLD, VIBEKE, NO  
[72] TASKEN, KJETIL, NO  
[72] MUNSHI, ANIL, US  
[72] HANSSON, VIDAR, NO  
[72] ALTMAN, AMNON, US  
[72] VANG, TORSEL, NO  
[71] LAURAS AS, NO  
[85] 2000-11-23  
[86] 1999-05-27 (PCT/GB99/01680)  
[87] 1999-12-02 (WO99/62315)  
[30] NO (19982419) 1998-05-27  
[30] US (60/114,240) 1998-12-30

[21] **2,333,160**  
[13] A1

[51] **Int.Cl. 7A23K 1/16 7A61K 31/00  
7A61K 38/16 7A23K 1/18 7A61K 31/739**  
[25] EN  
[54] **ADDITIVES FOR CRUSTACEAN  
OR FISH FEEDS AND FEEDS**  
[54] **ADDITIFS POUR ALIMENTS DE  
CRUSTACEES OU DE POISSONS ET  
ALIMENTS**  
[72] SOMA, GENICHIRO, JP  
[72] MIZUNO, DENICHI, JP  
[72] TAKAHASHI, YUKINORI, JP  
[71] TAIHO PHARMACEUTICAL  
COMPANY, LIMITED, JP  
[71] SOMA, GENICHIRO, JP  
[71] TAKAHASHI, YUKINORI, JP  
[85] 2000-11-24  
[86] 2000-03-23 (PCT/JP00/01764)  
[87] 2000-10-05 (WO00/57719)  
[30] JP (11/84399) 1999-03-26

[21] **2,333,161**  
[13] A1

[51] **Int.Cl. 6A01N 39/02 6A01N 57/20**  
[25] EN  
[54] **DEBLOSSOMING AGENT FOR  
APPLE TREES**  
[54] **AGENT DE REGULATION DE LA  
FLORAISON DES POMMIERS**  
[72] KOURA, SEIGO, JP  
[72] YOKOTA, KIYOSHI, JP  
[72] NAKAYAMA, TAKASHI, JP  
[71] AGRO-KANESHO CO., LTD., JP  
[85] 2000-11-24  
[86] 1998-05-26 (PCT/JP98/02290)  
[87] 1999-12-02 (WO99/60854)

[21] **2,333,162**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6C07H 21/02  
6A61K 9/10 6A61K 47/16 6A61K 47/24**  
[25] EN  
[54] **PROCESS FOR PRODUCING  
COMPOSITE PREPARATION  
CONTAINING NUCLEIC ACID**  
[54] **PROCEDE DE PRODUCTION  
D'UNE PREPARATION COMPOSITE  
CONTENANT DE L'ACIDE  
NUCLEIQUE**  
[72] SEKI, JUNZO, JP  
[72] SUGIHARA, KATSUHIRO, JP  
[72] HIRABAYASHI, KAZUKO, JP  
[71] NIPPON SHINYAKU CO., LTD., JP  
[85] 2000-11-24  
[86] 1999-05-24 (PCT/JP99/02713)  
[87] 1999-12-02 (WO99/61032)  
[30] JP (10/142763) 1998-05-25

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[21] **2,333,163**  
[13] A1

[51] **Int.Cl. 6A01N 25/30 6A01N 53/00 6A01N 25/04**  
[25] EN  
[54] **AQUEOUS, AGROCHEMICAL AGENTS CONTAINING ACTIVE INGREDIENTS**  
[54] **AGENT AQUEUX CONTENANT DES PRINCIPES ACTIFS AGROCHIMIQUES**  
[72] MAINX, HANS-GEORG, DE  
[72] REINHARDT, JURGEN, DE  
[72] WOLLENWEBER, HORST-WERNER, DE  
[72] RATHS, HANS-CHRISTIAN, DE  
[72] BEHLER, ANSGAR, DE  
[71] COGNIS DEUTSCHLAND GMBH, DE  
[85] 2000-11-24  
[86] 1999-05-14 (PCT/EP99/03328)  
[87] 1999-12-02 (WO99/60851)  
[30] DE (198 23 252.7) 1998-05-26

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[21] **2,333,164**  
[13] A1

[51] **Int.Cl. 7G06K 7/00**  
[25] EN  
[54] **ONE-PIECE ELECTRICAL CONNECTOR FOR THE CONNECTION OF A SMART CARD**  
[54] **CONNECTEUR ELECTRIQUE MONOBLOC PERMETTANT LA CONNEXION D'UNE CARTE A PUCE**  
[72] BRICAUD, HERVE, FR  
[72] PIZARD, YVES, FR  
[71] ITT MANUFACTURING ENTERPRISES INC., US  
[85] 2000-11-24  
[86] 2000-05-02 (PCT/EP00/03906)  
[87] 2000-11-16 (WO00/68867)  
[30] FR (99/05857) 1999-05-07

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[21] **2,333,165**  
[13] A1

[51] **Int.Cl. 6H04Q 7/12**  
[25] EN  
[54] **METHOD FOR TRACKING TRANSACTION DATA FOR AN APPLICATION IN A WIRELESS MESSAGING SYSTEM**  
[54] **PROCEDE DE SUIVI DE DONNEES DE TRANSACTION POUR UNE APPLICATION DANS UN SYSTEME DE MESSAGERIE SANS FIL**  
[72] QUON, COLIN S. C., CA  
[72] TKATCH, RANDY T., CA  
[71] GLENAYRE ELECTRONICS, INC., US  
[85] 2000-11-24  
[86] 1999-05-24 (PCT/US99/11396)  
[87] 1999-12-02 (WO99/62276)  
[30] US (09/085,888) 1998-05-27

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[21] **2,333,166**  
[13] A1

[51] **Int.Cl. 6E21B 34/16 6E21B 41/00 6E21B 47/12**  
[25] EN  
[54] **GENERATING COMMANDS FOR A DOWNHOLE TOOL**  
[54] **PRODUCTION DE COMMANDES POUR UN OUTIL DE FOND DE Puits**  
[72] VAYNSHTEYN, VLADIMIR, US  
[71] SCHLUMBERGER TECHNOLOGY CORPORATION, US  
[85] 2000-11-24  
[86] 1999-05-27 (PCT/US99/11656)  
[87] 1999-12-02 (WO99/61746)  
[30] US (60/086,909) 1998-05-27  
[30] US (09/310,670) 1999-05-12

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[21] **2,333,167**  
[13] A1

[51] **Int.Cl. 6C07K 14/20 6C07K 1/36**  
[25] EN  
[54] **METHOD FOR PURIFICATION OF BORRELIA LIPOPROTEIN OSPA**  
[54] **PROCEDE DE PURIFICATION DE LA LIPOPROTEINE OSPA BORRELIA**  
[72] MERTENS, EMMANUEL, BE  
[72] LIVEYNS, ROBERT, BE  
[72] DESMONS, PIERRE, BE  
[72] CORAZZA, YVON, BE  
[72] PLAINCHAMP, DOMINIQUE, BE  
[72] CHAMPLUVIER, BENOIT, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-11-24  
[86] 1999-05-25 (PCT/EP99/03602)  
[87] 1999-12-02 (WO99/61473)  
[30] GB (9811219.6) 1998-05-26

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[21] **2,333,168**  
[13] A1

[51] **Int.Cl. 6H04L 29/06**  
[25] EN  
[54] **DATA NETWORK ACCESS**  
[54] **ACCES A UN RESEAU DE DONNEES**  
[72] BERRIE, PETER, GB  
[72] BELL, ANDREW CHARLES, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2000-11-24  
[86] 1999-06-01 (PCT/GB99/01732)  
[87] 1999-12-09 (WO99/63724)  
[30] GB (9811862.3) 1998-06-02

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[21] **2,333,170**  
[13] A1

[51] **Int.Cl. 6H04Q 3/00 6H04Q 7/22**  
[25] EN  
[54] **INTELLIGENT NETWORK AND PACKET DATA NETWORK INTEROPERABILITY**  
[54] **RESEAU EVOLUE ET INTEROPERABILITE DANS UN RESEAU DE DONNEES PAR PAQUETS**  
[72] NYBERG, ANNA, SE  
[72] STILLE, MATS, SE  
[72] MARTLEW, PAUL, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-15  
[86] 1999-05-21 (PCT/SE99/00875)  
[87] 1999-11-25 (WO99/60801)  
[30] US (60/086,280) 1998-05-21  
[30] US (09/282,832) 1999-03-31

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[21] **2,333,172**  
[13] A1

[51] **Int.Cl. 6A61L 27/00**  
[25] EN  
[54] **POROUS IMPLANT CONTAINING THERAPEUTICALLY USEFUL COMPOSITIONS**  
[54] **IMPLANT POREUX RENFERMANT DES COMPOSITIONS UTILES A DES FINS THERAPEUTIQUES**  
[72] WEADOCK, KEVIN, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2000-11-15  
[86] 1999-05-18 (PCT/US99/10901)  
[87] 1999-11-25 (WO99/59648)  
[30] US (09/080,736) 1998-05-18

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[21] **2,333,173**  
[13] A1

[51] **Int.Cl. 6H04L 27/18**  
[25] EN  
[54] **BS DIGITAL BROADCAST RECEIVER**  
[54] **RECEPTEUR DE DIFFUSION NUMERIQUE POUR SATELLITE DE RADIODIFFUSION**  
[72] SHIRAIISHI, KENICHI, JP  
[72] HORII, AKIHIRO, JP  
[72] SHINJO, SOICHI, JP  
[72] MATSUDA, SHOJI, JP  
[72] OKAZAKI, RYUICHI, JP  
[71] KABUSHIKI KAISHA KENWOOD, JP  
[85] 2000-11-15  
[86] 1999-05-13 (PCT/JP99/02468)  
[87] 1999-12-02 (WO99/62237)  
[30] JP (10/156900) 1998-05-22

[21] **2,333,176**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **CELLULAR RADIOTELEPHONE SYSTEMS AND METHODS THAT BROADCAST A COMMON CONTROL CHANNEL OVER MULTIPLE RADIO FREQUENCIES**  
[54] **SYSTEMES DE RADIOTELEPHONIE CELLULAIRE ET PROCEDES PERMETTANT DE RADIODIFFUSER UN CANAL DE COMMANDE COMMUN SUR DE MULTIPLES FREQUENCES RADIOELECTRIQUES**  
[72] FREEZE, JOHN MARK, US  
[72] BACKSTROM, OLOF TOMAS, US  
[71] ERICSSON INC., US  
[85] 2000-11-15  
[86] 1999-04-15 (PCT/US99/08331)  
[87] 1999-12-09 (WO99/63782)  
[30] US (09/087,357) 1998-05-29

[21] **2,333,178**  
[13] A1

[51] **Int.Cl. 6B01J 19/00 6B01J 3/04**  
[25] EN  
[54] **COMBINATIONAL METHOD FOR MICROGRAM-SCALE PRODUCTION AND CHARACTERIZATION OF CRYSTALLINE AND AMORPHOUS LIBRARIES OF MATERIALS**  
[54] **PROCEDE COMBINATOIRE POUR PRODUIRE ET CARACTERISER DES BIBLIOTHEQUES DE MATERIAUX CRYSTALLINS ET AMORPHES DE L'ORDRE DU MICROGRAMME**  
[72] LEHMANN, CHRISTIAN, DE  
[72] SCHMIDT, HANS-WERNER, DE  
[72] MAIER, WILHELM-FRIEDRICH, DE  
[72] KLEIN, JENS, DE  
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE  
[85] 2000-11-15  
[86] 1999-05-12 (PCT/EP99/03287)  
[87] 1999-11-25 (WO99/59716)  
[30] DE (198 22 077.4) 1998-05-16

[21] **2,333,179**  
[13] A1

[51] **Int.Cl. 7G11B 7/135 7G02B 13/00 7G02B 5/32**  
[25] EN  
[54] **CONVERGENT DEVICE, OPTICAL HEAD, OPTICAL INFORMATION RECORDING/REPRODUCING AND OPTICAL INFORMATION RECORDING/REPRODUCING METHOD**  
[54] **DISPOSITIF CONVERGENT, TETE OPTIQUE, ENREGISTREMENT/REPRODUCTION OPTIQUE D'INFORMATIONS ET PROCEDE D'ENREGISTREMENT/DE REPRODUCTION OPTIQUE D'INFORMATIONS**  
[72] KAMEI, TOMOTADA, JP  
[72] ANZAI, JOUJI, JP  
[72] HAYASHI, HIDEKI, JP  
[72] YAMAMOTO, HIROAKI, JP  
[72] MIZUNO, SADA0, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-11-15  
[86] 2000-03-14 (PCT/JP00/01525)  
[87] 2000-09-21 (WO00/55849)  
[30] JP (11/68457) 1999-03-15  
[30] JP (11/119445) 1999-04-27  
[30] JP (11/128196) 1999-05-10  
[30] JP (11/151886) 1999-05-31  
[30] JP (11/151891) 1999-05-31

[21] **2,333,180**  
[13] A1

[51] **Int.Cl. 6B27G 5/02**  
[25] FR  
[54] **SUPPORT DE FEUILLURE AUTOREGLABLE POUR MACHINE A COUPER EN ONGLET NOTAMMENT DE MOULURES D'ENCADREMENT**  
[54] **SELF-ADJUSTABLE RABBET SUPPORT FOR CUTTING MACHINE IN PARTICULAR FOR MITRED FRAME MOULDINGS**  
[72] CASSESE, ALAIN, FR  
[71] CASSESE, FR  
[85] 2000-11-17  
[86] 1999-05-17 (PCT/FR99/01166)  
[87] 1999-11-25 (WO99/59783)  
[30] FR (98/06219) 1998-05-18

[21] **2,333,182**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] FR  
[54] **PROCEDE DE MISE EN RELATION A DISTANCE D'APPAREILS ET APPAREIL ELECTRONIQUE ANALOGIQUE CORRESPONDANT**  
[54] **METHOD FOR REMOTE CONNECTION OF MACHINES AND CORRESPONDING ELECTRONIC ANALOG APPARATUS**  
[72] TAILLENS, JEAN-FRANCOIS, CH  
[71] TAILLENS, JEAN-FRANCOIS, CH  
[85] 2000-11-17  
[86] 1999-05-17 (PCT/FR99/01173)  
[87] 1999-11-25 (WO99/60499)  
[30] FR (98/06494) 1998-05-19

[21] **2,333,183**  
[13] A1

[51] **Int.Cl. 6C07F 9/655 6C07F 15/00 6C08G 67/02 6C07C 253/30 6C07C 45/50**  
[25] FR  
[54] **NOUVELLES FURYLPHOSPHINES ET COMPLEXES ORGANOMETALLIQUES LES COMPRENANT**  
[54] **NOVEL FURYLPHOSPHINES AND ORGANOMETALLIC COMPLEXES CONTAINING THEM**  
[72] SAVIGNAC, PHILIPPE, FR  
[72] MATHEY, FRANCOIS, FR  
[72] BURATTIN, PAOLO, FR  
[72] EYMERY, FREDERIC, FR  
[71] RHODIA FIBER AND RESIN INTERMEDIATES, FR  
[85] 2000-11-17  
[86] 1999-05-11 (PCT/FR99/01129)  
[87] 1999-11-25 (WO99/60003)  
[30] FR (98/06559) 1998-05-20

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[21] **2,333,185**  
[13] A1  
[51] **Int.Cl. 6A23C 19/08 6A23C 19/06 6A23C 19/09**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE NOUVEAUX PRODUITS FROMAGERS PAR TRAITEMENT D'UNE MATIERE DE DEPART**  
[54] **METHOD FOR MAKING NOVEL CHEESE PRODUCTS BY PROCESSING AN INITIAL MATERIAL**  
[72] GAULIER, JEAN-PAUL, FR  
[71] FROMAGERIES BEL, FR  
[85] 2000-11-17  
[86] 1999-05-10 (PCT/FR99/01107)  
[87] 1999-11-25 (WO99/59419)  
[30] FR (98/06319) 1998-05-19

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[21] **2,333,186**  
[13] A1  
[51] **Int.Cl. 6C07F 19/00 6C07B 31/00 6B01J 31/00 6C08F 4/04 6C07F 7/14 6C07C 45/80**  
[25] FR  
[54] **COMPLEXES ORGANOMETALLIQUES COMPRENANT DES CARBENES HETEROCYCLIQUES CATIONIQUES**  
[54] **ORGANOMETALLIC COMPLEXES COMPRISING CATIONIC HETEROCYCLIC CARBENES**  
[72] STELZIG, LUTZ, DE  
[72] BURATTIN, PAOLO, FR  
[72] BERTRAND, GUY, FR  
[72] GUERRET, OLIVIER, FR  
[72] GORNITZKA, HEINZ, FR  
[72] BURON, CHRISTOPHE, FR  
[71] RHODIA FIBER AND RESIN INTERMEDIATES, FR  
[85] 2000-11-17  
[86] 1999-05-11 (PCT/FR99/01128)  
[87] 1999-11-25 (WO99/60004)  
[30] FR (98/06558) 1998-05-20

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[21] **2,333,188**  
[13] A1  
[51] **Int.Cl. 6A61K 9/54**  
[25] FR  
[54] **FORME PHARMACEUTIQUE MULTIPARTICULAIRE A LIBERATION PROGRAMMEE ET PULSEE ET SON PROCEDE DE PREPARATION**  
[54] **MULTIPARTICULATE PHARMACEUTICAL FORM WITH PROGRAMMED AND TIMED RELEASE AND PREPARATION METHOD**  
[72] CLEE-BOUVET, MARIE-CHRISTINE, FR  
[72] RAGOT, FRANCOISE, FR  
[72] COUSIN, GERARD, FR  
[72] GENDROT, EDOUARD, FR  
[71] LABORATOIRES PROGRAPHARM, FR  
[85] 2000-11-17  
[86] 1999-05-20 (PCT/FR99/01201)  
[87] 1999-11-25 (WO99/59557)  
[30] FR (98/06384) 1998-05-20

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[21] **2,333,190**  
[13] A1  
[51] **Int.Cl. 6A61K 31/34**  
[25] EN  
[54] **FURAN NITRONE THERAPEUTICS FOR THE TREATMENT OF INFLAMMATORY BOWEL DISEASE**  
[54] **MEDICAMENT A BASE DE NITRONE FURANIQUE, DESTINE AU TRAITEMENT DES AFFECTIONS INFLAMMATOIRES DE L'INTESTIN**  
[72] FLITTER, WILLIAM D., US  
[72] GARLAND, WILLIAM A., US  
[72] IRWIN, IAN, US  
[72] GREENWOOD-VAN MEERVELD, BEVERLY, US  
[71] CENTAUR PHARMACEUTICALS, INC., US  
[85] 2000-11-14  
[86] 1999-05-18 (PCT/US99/10444)  
[87] 1999-11-25 (WO99/59579)  
[30] US (60/085,974) 1998-05-19

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[21] **2,333,193**  
[13] A1  
[51] **Int.Cl. 6A61K 9/20 6A61K 31/195**  
[25] EN  
[54] **PHARMACEUTICAL PREPARATION**  
[54] **PREPARATION PHARMACEUTIQUE**  
[72] NISCHWITZ, MARION, DE  
[72] SCHREDER, SVEN, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2000-11-14  
[86] 1999-05-05 (PCT/EP99/03087)  
[87] 1999-11-25 (WO99/59551)  
[30] DE (198 21 625.4) 1998-05-15

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[21] **2,333,194**  
[13] A1  
[51] **Int.Cl. 6C30B 15/26 6C30B 15/10 6C30B 15/12 6C30B 15/20**  
[25] EN  
[54] **CRYSTAL GROWTH APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE POUR LA CROISSANCE DES CRISTAUX**  
[72] BESWICK, JOHN ALFRED, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2000-11-14  
[86] 1999-04-29 (PCT/GB99/01342)  
[87] 1999-11-18 (WO99/58747)  
[30] GB (9810207.2) 1998-05-14

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[21] **2,333,195**  
[13] A1  
[51] **Int.Cl. 7G03B 21/00 7G03B 21/10**  
[25] EN  
[54] **PROJECTION SYSTEM AND PROJECTOR**  
[54] **SYSTEME DE PROJECTION ET PROJECTEUR**  
[72] YONENO, KUNIO, JP  
[71] SEIKO EPSON CORPORATION, JP  
[85] 2000-11-14  
[86] 2000-03-21 (PCT/JP00/01721)  
[87] 2000-09-28 (WO00/57245)  
[30] JP (11/74751) 1999-03-19

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<p style="text-align: right;">[21] <b>2,333,196</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 47/06 6B29C 55/12</b> [25] EN [54] <b>BIORIENTED POLYETHYLENE FILM WITH A HIGH WATER VAPOR TRANSMISSION RATE</b> [54] <b>FILM DE POLYETHYLENE BIORIENTE AVEC VITESSE DE TRANSMISSION DE LA VAPEUR D'EAU ELEVEE</b> [72] PIP, HANS JOACHIM, US [72] AGENT, RHONDA ROGERS, US [71] MOBIL OIL CORPORATION, US [85] 2000-11-14 [86] 1999-04-30 (PCT/US99/09393) [87] 1999-11-25 (WO99/59796) [30] US (09/079,807) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,333,198</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01B 9/02</b> [25] EN [54] <b>METHOD AND APPARATUS FOR RECORDING THREE-DIMENSIONAL DISTRIBUTION OF LIGHT SCATTERING</b> [54] <b>PROCEDE ET APPAREIL POUR ENREGISTRER LA REPARTITION TRIDIMENSIONNELLE D'UNE DIFFUSION DE LUMIERE</b> [72] BAUMGARTNER, ANGELA, AT [72] HITZENBERGER, CHRISTOPH, AT [71] LASER DIAGNOSTIC TECHNOLOGIES, INC., US [85] 2000-11-14 [86] 1999-04-29 (PCT/US99/09305) [87] 1999-11-25 (WO99/60331) [30] US (09/079,495) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,333,201</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 15/14</b> [25] EN [54] <b>MICROFABRICATED CELL SORTER</b> [54] <b>TRIEUR DE CELLULES MICROFABRIQUE</b> [72] SPENCE, CHARLES F., US [72] QUAKE, STEPHEN, US [72] ARNOLD, FRANCES, US [72] FU, ANNE, US [71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US [85] 2000-11-14 [86] 1999-05-21 (PCT/US99/13050) [87] 1999-12-02 (WO99/61888) [30] US (60/086,394) 1998-05-22 [30] US (60/108,894) 1998-11-17</p>
<p style="text-align: right;">[21] <b>2,333,197</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01G 9/038</b> [25] EN [54] <b>NOVEL ELECTROLYTES FOR ELECTROCHEMICAL DOUBLE LAYER CAPACITORS</b> [54] <b>NOUVEAUX ELECTROLYTES DESTINES A DES CONDENSATEURS DOUBLE COUCHE ELECTROCHIMIQUE</b> [72] KOZACHOV, SERGEY, UA [72] MALETIN, YURII, UA [72] STRIZHAKOVA, NATALIE, UA [72] IZOTOV, VLADIMIR, UA [72] DANILIN, VALERY, UA [72] MIRONOVA, ANTONIA, UA [71] SUPERFARAD LTD., IE [85] 2000-11-14 [86] 1999-05-18 (PCT/EP99/03412) [87] 1999-11-25 (WO99/60587) [30] UA (98052573) 1998-05-18</p>	<p style="text-align: right;">[21] <b>2,333,199</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 213/08 6C07C 233/05 6C07C 231/14 6C07D 307/20 6C07D 317/28</b> [25] EN [54] <b>PROCESS FOR THE PREPARATION OF PROTECTED DIHYDROXYPROPYL TRIALKYLAMMONIUM SALTS AND DERIVATIVES THEREOF</b> [54] <b>PROCEDE DE PREPARATION DE SELS PROTEGES DE DIHYDROXYPROPYL TRIALKYLAMMONIUM ET DE LEURS DERIVES</b> [72] HOLLINGSWORTH, RAWLE I., US [72] WANG, GUIJUN, US [71] MICHIGAN STATE UNIVERSITY, US [85] 2000-11-20 [86] 1999-05-28 (PCT/US99/11930) [87] 1999-12-09 (WO99/62863) [30] US (60/087,433) 1998-06-01</p>	<p style="text-align: right;">[21] <b>2,333,202</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 47/08 7B65D 43/16</b> [25] EN [54] <b>PRESSURE-OPENABLE VALVE RETAINED WITH FOLDING ELEMENTS</b> [54] <b>CLAPET OUVERT PAR LA PRESSION, RETENU PAR DES ELEMENTS PLIABLES</b> [72] ROHR, ROBERT D., US [72] DALLAS, MILTON R., JR., US [72] KASTING, THOMAS P., US [71] SEAQUIST CLOSURES FOREIGN, INC., US [85] 2000-11-20 [86] 1999-05-04 (PCT/US99/09713) [87] 1999-12-09 (WO99/62774) [30] US (09/089,573) 1998-06-03</p>
<p style="text-align: right;">[21] <b>2,333,200</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29D 30/46</b> [25] EN [54] <b>VERY LOW ANGLE SPLICE FOR TREADS</b> [54] <b>JONCTION A ANGLE TRES FERME POUR SEMELLES</b> [72] DOWNING, DANIEL RAY, US [72] HEAD, WILLIAM JAMES, US [72] BENZING, JAMES ALFRED II, US [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 2000-11-20 [86] 1998-05-22 (PCT/US98/10387) [87] 1999-12-02 (WO99/61229)</p>	<p style="text-align: right;">[21] <b>2,333,203</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/185 6A61K 31/66</b> [25] EN [54] <b>METHODS FOR MODULATING NEURONAL CELL DEATH</b> [54] <b>UTILISATION D'INHIBITEURS D'AMYLOIDES POUR UNE MODULATION DE MORT DE CELLULES NEURONALES</b> [72] LAMONTAGNE, LOUIS R., CA [72] GERVAIS, FRANCINE, CA [71] NEUROCHEM INC., CA [85] 2000-11-14 [86] 1999-05-14 (PCT/IB99/00968) [87] 1999-11-25 (WO99/59571) [30] US (60/085,571) 1998-05-15</p>	



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,333,205</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 63/00 6C12N 1/20</b> [25] EN [54] <b>A BENEFICIAL MICROBE COMPOSITION, NEW PROTECTIVE MATERIALS FOR THE MICROBES, THE METHOD TO PREPARE AND USES THEREOF</b> [54] <b>COMPOSITION MICROBIENNE BENEFIQUE, NOUVELLES MATIERES DE PROTECTION POUR MICROBES ET PROCEDES DE PREPARATION ET D'UTILISATION D'UNE TELLE COMPOSITION</b> [72] YAO, YIGIANG, CN [72] CHEN, BINHUA, CN [71] SHANGHAI SINE PHARMACEUTICAL CORP., LTD., CN [71] INTERNATIONAL HERBAL PHARMACEUTICALS, CORP., US [85] 2000-11-14 [86] 1999-05-14 (PCT/US99/10773) [87] 1999-11-25 (WO99/59413) [30] US (09/079,936) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,333,207</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/30</b> [25] EN [54] <b>DATA RETRIEVAL METHOD AND APPARATUS WITH MULTIPLE SOURCE CAPABILITY</b> [54] <b>PROCEDE D'EXTRACTION DE DONNEES DEPUIS PLUSIEURS SOURCES ET APPAREIL CORRESPONDANT</b> [72] YARNALL, DAVID, US [72] BABCOCK, DONALD K., US [72] KOUCHI, DAVID B., US [71] TIMELINE, INC., US [85] 2000-11-14 [86] 1999-06-07 (PCT/US99/12723) [87] 2000-01-06 (WO00/00909) [30] US (09/106,538) 1998-06-29</p>	<p style="text-align: right;">[21] <b>2,333,211</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C06B 47/08 6C06B 45/10 6C06B 25/36</b> [25] EN [54] <b>HYDRAZINIUM NITROFORMATE BASED HIGH PERFORMANCE SOLID PROPELLANTS</b> [54] <b>ERGOLS SOLIDES HAUTE PERFORMANCE A BASE DE NITROFORMATE D'HYDRAZINIUM</b> [72] ELANDS, PETRUS JOHANNES MARIA, NL [72] VAN DER HEIJDEN, ANTONIUS EDUARD DOMINICUS MARIA, NL [72] LOUWERS, JEROEN, NL [71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPIJK ONDERZOEK TN, NL [85] 2000-11-14 [86] 1999-05-19 (PCT/NL99/00307) [87] 1999-11-25 (WO99/59940) [30] EP (98201696.6) 1998-05-20</p>
<p style="text-align: right;">[21] <b>2,333,206</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 5/06 6D06M 15/00 6B32B 5/02 6C03C 25/02 6B32B 3/12</b> [25] EN [54] <b>PRODUCTS AND METHOD OF CORE CRUSH PREVENTION</b> [54] <b>PRODUITS ET PROCEDES PERMETTANT D'EVITER L'ECRASEMENT DE L'AME</b> [72] MASKELL, ROBIN K., US [72] LUCAS, SCOTT D., US [71] CYTEC TECHNOLOGY CORP., US [85] 2000-11-20 [86] 1999-05-24 (PCT/US99/11227) [87] 1999-12-02 (WO99/61233) [30] US (09/084,031) 1998-05-22 [30] US (UNKNOWN) 1999-05-24</p>	<p style="text-align: right;">[21] <b>2,333,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 28/26 6C04B 14/20</b> [25] EN [54] <b>HEAT RESISTANT PRODUCT AND METHOD</b> [54] <b>PRODUIT RESISTANT A LA CHALEUR ET PROCEDE</b> [72] BURLING, PAUL MAURICE, GB [71] THE WELDING INSTITUTE, GB [85] 2000-11-14 [86] 1999-05-10 (PCT/GB99/01467) [87] 1999-11-25 (WO99/59935) [30] GB (9810551.3) 1998-05-15 [30] GB (9819753.6) 1998-09-10</p>	<p style="text-align: right;">[21] <b>2,333,213</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E05B 13/00</b> [25] EN [54] <b>LOCKING COVER FOR DEAD BOLD ACTUATORS</b> [54] <b>COUVERCLES DE VERROUILLAGE POUR ACTIONNEURS DE PENE</b> [72] EDWARDS, TITUS M., US [72] LEAF, TOM, US [71] SURE-WOOD LOCK, INC., US [85] 2000-11-20 [86] 1999-05-14 (PCT/US99/10921) [87] 1999-11-25 (WO99/60233) [30] US (09/082,132) 1998-05-20</p>
<p style="text-align: right;">[21] <b>2,333,210</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 39/32</b> [25] EN [54] <b>PREPARATION OF ZEOLITE L</b> [54] <b>PREPARATION DE ZEOLITE L</b> [72] MILLER, STEPHEN J., US [71] CHEVRON CHEMICAL COMPANY LLC, US [85] 2000-11-20 [86] 1998-05-20 (PCT/US98/10268) [87] 1999-11-25 (WO99/59917)</p>	<p style="text-align: right;">[21] <b>2,333,210</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 39/32</b> [25] EN [54] <b>PREPARATION OF ZEOLITE L</b> [54] <b>PREPARATION DE ZEOLITE L</b> [72] MILLER, STEPHEN J., US [71] CHEVRON CHEMICAL COMPANY LLC, US [85] 2000-11-20 [86] 1998-05-20 (PCT/US98/10268) [87] 1999-11-25 (WO99/59917)</p>	<p style="text-align: right;">[21] <b>2,333,210</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 39/32</b> [25] EN [54] <b>PREPARATION OF ZEOLITE L</b> [54] <b>PREPARATION DE ZEOLITE L</b> [72] MILLER, STEPHEN J., US [71] CHEVRON CHEMICAL COMPANY LLC, US [85] 2000-11-20 [86] 1998-05-20 (PCT/US98/10268) [87] 1999-11-25 (WO99/59917)</p>

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[21] **2,333,214**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **TEAR RESISTANT POROUS EXTENSIBLE WEB**  
[54] **VOILE EXTENSIBLE POREUX, RESISTANT A LA DECHIRURE**  
[72] KAMINSKI, ANNEKA M., US  
[72] CURRO, JOHN JOSEPH, US  
[72] ZHANG, JIANBIN, US  
[72] MANSFIELD, MICHELE ANN, US  
[72] DOBRIN, GEORGE CHRISTOPHER, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-20  
[86] 1999-05-25 (PCT/US99/11478)  
[87] 1999-12-09 (WO99/62449)  
[30] US (60/087,302) 1998-05-29

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[21] **2,333,215**  
[13] A1

[51] **Int.Cl. 6B08B 9/08 6F28G 9/00 6C11D 3/04 6C11D 3/33**  
[25] EN  
[54] **METHOD FOR CLEANING A CONTAINER**  
[54] **PROCEDE DE NETTOYAGE D'UN CONTENANT**  
[72] KUHNKE, KLAUS, DE  
[72] HOLLWEDEL, URSULA, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-11-20  
[86] 1999-05-19 (PCT/DE99/01500)  
[87] 1999-12-02 (WO99/61179)  
[30] DE (198 22 994.1) 1998-05-22  
[30] DE (199 20 982.0) 1999-05-06

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[21] **2,333,216**  
[13] A1

[51] **Int.Cl. 6H04B 7/005 6H04L 25/02**  
[25] EN  
[54] **METHOD FOR IMPROVING SIGNAL RECEPTION IN A MOBILE COMMUNICATION UNIT BY USING PILOT SYMBOLS**  
[54] **PROCEDE POUR AMELIORER LA RECEPTION DE SIGNAUX DANS UNE UNITE DE TELECOMMUNICATION MOBILE A L'AIDE DE SYMBOLES PILOTES**  
[72] MOSTAFA, AYMAN, US  
[72] RAMESH, RAJARAM, US  
[71] ERICSSON INC., US  
[85] 2000-11-14  
[86] 1999-04-27 (PCT/US99/09100)  
[87] 1999-11-25 (WO99/60721)  
[30] US (60/085,769) 1998-05-15  
[30] US (09/094,140) 1998-06-09

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[21] **2,333,218**  
[13] A1

[51] **Int.Cl. 6C10B 53/00 6B03B 9/04**  
[25] EN  
[54] **PLANT FOR THE TREATMENT OF RESIDUE**  
[54] **INSTALLATION POUR LE TRAITEMENT DE RESIDUS**  
[72] BORETZKY, JOACHIM, DE  
[72] TESCHERS, LEONHARD, DE  
[72] VON RHEIN, WINFRIED, DE  
[72] WERDINIG, HELMUT, DE  
[72] EBERT, ANTON, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-11-20  
[86] 1999-05-12 (PCT/DE99/01450)  
[87] 1999-12-02 (WO99/61548)  
[30] DE (198 22 991.7) 1998-05-22

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[21] **2,333,219**  
[13] A1

[51] **Int.Cl. 7C08K 5/00 7C08K 3/00 7C08L 67/02 7C08K 5/3475 7C08K 5/3492**  
[25] EN  
[54] **HOLLOW MOLDED PRODUCT COMPRISING ETHYLENE-2,6-NAPHTHALENE DICARBOXYLATE POLYMER AND ULTRAVIOLET ABSORBER AND PRODUCTION PROCESS THEREFOR**  
[54] **PRODUIT MOULE CREUX COMPRENANT UN POLYMERE ETHYLENE-2,6-NAPHTHALENE DICARBOXYLATE ET PROCEDE DE FABRICATION ASSOCIE**  
[72] YOSHIDA, YOICHI, JP  
[72] SUZUKI, MINORU, JP  
[72] NAGANO, HIROKI, JP  
[71] TEIJIN LIMITED, JP  
[85] 2000-11-14  
[86] 2000-03-17 (PCT/JP00/01644)  
[87] 2000-09-21 (WO00/55255)  
[30] JP (11/73833) 1999-03-18  
[30] JP (11/73834) 1999-03-18

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[21] **2,333,220**  
[13] A1

[51] **Int.Cl. 6G06F 11/20 6G06F 13/40**  
[25] EN  
[54] **METHOD FOR SWITCHING BETWEEN MULTIPLE SYSTEM HOSTS**  
[54] **PROCEDE POUR COMMUTER ENTRE DE MULTIPLES SYSTEMES HOTES**  
[72] HILL, CHARLES CHRISTOPHER, US  
[72] GREENWOOD, EDWARD, US  
[72] LANUS, MARK, US  
[71] MOTOROLA, INC., US  
[85] 2000-11-14  
[86] 1999-05-07 (PCT/US99/09990)  
[87] 1999-11-18 (WO99/59067)  
[30] US (09/078,803) 1998-05-14

## PCT Applications Entering the National Phase

[21] **2,333,221**  
[13] A1

[51] **Int.Cl. 6A61K 39/00 6A61K 41/00 6A61K 39/395**  
[25] EN  
[54] **THERAPEUTIC COMPOSITIONS THAT PRODUCE AN IMMUNE RESPONSE BY ALTERING THE ANTIGEN**  
[54] **COMPOSITIONS THERAPEUTIQUES PRODUISANT UNE REPOSE IMMUNITAIRE PAR RENOUVELLEMENT DES ANTIGENES**  
[72] SCHULTES, BIRGIT, CA  
[72] LEVEUGLE, BEATRICE, CA  
[72] MADIYALAKAN, RAGUPATHY, CA  
[72] NOUJAIM, ANTOINE A., CA  
[72] BAUM, RICHARD P., DE  
[72] KREUTZ, FERNANDO T., BR  
[71] ALTAREX CORP., CA  
[85] 2000-11-14  
[86] 1999-06-15 (PCT/IB99/01114)  
[87] 1999-12-23 (WO99/65517)  
[30] US (09/094,598) 1998-06-15  
[30] US (09/152,698) 1998-09-02

[21] **2,333,222**  
[13] A1

[51] **Int.Cl. 6B07B 13/04**  
[25] EN  
[54] **SEPARATING DEVICE FOR ELONGATE SOLID PIECES**  
[54] **DISPOSITIF DE SEPARATION POUR CORPS SOLIDES DE FORME ALLONGEE**  
[72] VON RHEIN, WINFRIED, DE  
[72] WERDINIG, HELMUT, DE  
[72] RIGGENMANN, REINHOLD, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-11-20  
[86] 1999-05-11 (PCT/DE99/01430)  
[87] 1999-12-02 (WO99/61174)  
[30] DE (198 22 996.8) 1998-05-22

[21] **2,333,223**  
[13] A1

[51] **Int.Cl. 6C22C 1/02 6C25C 3/02 6C22C 21/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE TREATMENT OF A MELT**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'UN BAIN DE FUSION**  
[72] COPCUTT, ROBERT CHARLES, GB  
[72] FRAY, DEREK JOHN, GB  
[72] DOUGHTY, GREGORY, GB  
[72] DEKEYSER, JACKY CHARLES, BE  
[71] FOSECO INTERNATIONAL LIMITED, GB  
[71] VERHAERT DESIGN & DEVELOPMENT N.V., BE  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/GB99/01355)  
[87] 1999-11-25 (WO99/60180)  
[30] GB (9810305.4) 1998-05-15

[21] **2,333,225**  
[13] A1

[51] **Int.Cl. 6E21C 29/16**  
[25] EN  
[54] **WIRE PULLER**  
[54] **TIRE-FILS**  
[72] RAY, BRIAN N., US  
[71] RAY, BRIAN N., US  
[85] 2000-11-14  
[86] 1999-05-17 (PCT/US99/11089)  
[87] 1999-11-25 (WO99/60295)  
[30] US (09/079,541) 1998-05-15

[21] **2,333,226**  
[13] A1

[51] **Int.Cl. 6A61B 5/00 6A46B 15/00**  
[25] EN  
[54] **TOOTHBRUSH WITH FLUORESCENCE MEANS FOR LOCATING DENTAL PLAQUE**  
[54] **BROSSE A DENTS POURVUE D'UN DISPOSITIF A FLUORESCENCE POUR LOCALISER LA PLAQUE DENTAIRE**  
[72] SCHOPPLEIN, MICHAEL, DE  
[72] MULLER, WERNER, DE  
[71] HELMUT HUND GMBH, DE  
[85] 2000-11-14  
[86] 1999-05-12 (PCT/EP99/03273)  
[87] 1999-11-25 (WO99/59462)  
[30] GB (9810471.4) 1998-05-16

[21] **2,333,228**  
[13] A1

[51] **Int.Cl. 6C08G 67/00 6B01J 13/00**  
[25] EN  
[54] **NOVEL POLYMER ADDITIVES FOR FORMING OBJECTS**  
[54] **NOUVEAU ADDITIFS POLYMERES SERVANT A FORMER DES OBJETS**  
[72] KATOOT, MOHAMMAD W. (DECEASED), US  
[71] KATOOT, AHMED MAROOF (ADMINISTRATOR OF THE ESTATE), US  
[71] KATOOT, ALI MAROOF (ADMINISTRATOR OF THE ESTATE), US  
[71] GOODAN KATOOT, KAREN ROBBYN (ADMINISTRATOR OF THE ESTATE), US  
[85] 2000-10-27  
[86] 1999-04-29 (PCT/US99/09327)  
[87] 1999-11-04 (WO99/55766)  
[30] US (09/069,558) 1998-04-29  
[30] US (09/209,615) 1998-12-11  
[30] US (60/122,536) 1999-03-02

[21] **2,333,230**  
[13] A1

[51] **Int.Cl. 6F16C 33/66**  
[25] EN  
[54] **METHOD AND DEVICE FOR DISPOSING OF LUBRICANTS FROM A PLAIN BEARING**  
[54] **PROCEDE ET DISPOSITIF POUR ELIMINER UN LUBRIFIANT D'UN PALIER LISSE**  
[72] OHRNDORF, HENNING, DE  
[72] THIEL, HERMANN, DE  
[71] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE  
[85] 2000-11-01  
[86] 1999-04-27 (PCT/EP99/02830)  
[87] 1999-11-11 (WO99/57449)  
[30] DE (198 19 686.5) 1998-05-02

[21] **2,333,232**  
[13] A1

[51] **Int.Cl. 6F16F 1/54**  
[25] EN  
[54] **ELASTOMERIC MOUNTING ELEMENT OF MONTAGE ELASTOMERE**  
[72] CANNON, PETER RICHARD ANDREW, GB  
[71] TRELLEBORG AB, SE  
[85] 2000-11-10  
[86] 1999-05-04 (PCT/GB99/01370)  
[87] 1999-11-18 (WO99/58871)  
[30] GB (9809996.3) 1998-05-12

## Demandes PCT entrant en phase nationale

[21] **2,333,233**  
[13] A1

[51] **Int.Cl. 6C10G 27/12 6C10L 9/06**  
[25] EN  
[54] **DESULFURIZATION PROCESS**  
[54] **PROCEDE DE DESULFURATION**  
[72] JEANBLANC, JAMES K., US  
[72] WISMANN, WILLIAM E., US  
[71] DS2 TECH, INC., US  
[85] 2000-11-15  
[86] 1999-01-28 (PCT/US99/01945)  
[87] 1999-12-02 (WO99/61554)  
[30] US (09/085,478) 1998-05-27

[21] **2,333,234**  
[13] A1

[51] **Int.Cl. 6C07D 409/06 6C07D 409/14 6A01N 43/56**

[25] EN  
[54] **PYRAZOLYLDIOXOTHIOPHYRAN  
OYL DERIVATIVES**  
[54] **DERIVES DU TYPE  
PYRAZOLYLDIOXOTHIOPHYRAN  
OYLE**  
[72] MAYER, GUIDO, DE  
[72] ENGEL, STEFAN, DE  
[72] BAUMANN, ERNST, DE  
[72] NEIDLEIN, ULF, DE  
[72] VON DEYN, WOLFGANG, DE  
[72] MISSLITZ, ULF, DE  
[72] LANGEMANN, KLAUS, DE  
[72] OTTEN, MARTINA, DE  
[72] WAGNER, OLIVER, DE  
[72] WALTER, HELMUT, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] WITSCHER, MATTHIAS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-11-15  
[86] 1999-05-10 (PCT/EP99/03197)  
[87] 1999-11-25 (WO99/59991)  
[30] DE (198 22 213.0) 1998-05-18

[21] **2,333,235**  
[13] A1

[51] **Int.Cl. 6B07B 13/02 6D21B 1/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
SORTING OF CHIPS**  
[54] **PROCEDE ET APPAREIL POUR  
TRIER DES COPEAUX**  
[72] TAHKANEN, HANNU, FI  
[71] VALMET WOODHANDLING OY, FI  
[85] 2000-11-15  
[86] 1999-05-17 (PCT/FI99/00422)  
[87] 1999-12-02 (WO99/61173)  
[30] FI (981136) 1998-05-22

[21] **2,333,236**  
[13] A1

[51] **Int.Cl. 6F02F 3/00 6F01B 9/02 6F02B 71/04**

[25] EN  
[54] **PISTON FOR USE IN AN ENGINE**  
[54] **PISTON DE MOTEUR**  
[72] SLOMA, JOHN M., US  
[72] SHYU, T. PIN P., US  
[72] BERLINGER, WILLIBALD G., US  
[71] CATERPILLAR INC., US  
[85] 2000-11-15  
[86] 1999-05-11 (PCT/US99/10370)  
[87] 1999-11-25 (WO99/60258)  
[30] US (09/082,135) 1998-05-20

[21] **2,333,237**  
[13] A1

[51] **Int.Cl. 6H01M 8/10 6H01M 8/02**

[25] EN  
[54] **FUEL CELL**  
[54] **CELLULE A COMBUSTIBLE**  
[72] KASPER, KLAUS, DE  
[72] BARTH, THOMAS, DE  
[72] SEVERICH, BIRGIT, DE  
[71] FREUDENBERG, CARL, DE  
[85] 2000-11-15  
[86] 1999-03-31 (PCT/EP99/02201)  
[87] 1999-11-25 (WO99/60648)  
[30] DE (198 21 976.8) 1998-05-18

[21] **2,333,238**  
[13] A1

[51] **Int.Cl. 7G01V 1/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
COMPUTING DRILL BIT VIBRATION  
POWER SPECTRAL DENSITY**  
[54] **PROCEDE ET DISPOSITIF  
PERMETTANT DE CALCULER LA  
DENSITE SPECTRALE DE LA  
PUISSANCE VIBRATOIRE D'UN  
TREPAN**

[72] RODNEY, PAUL F., US  
[71] DRESSER INDUSTRIES, INC., US  
[85] 2000-11-15  
[86] 1999-06-29 (PCT/US99/14873)  
[87] 2000-01-06 (WO00/00847)  
[30] US (60/091,031) 1998-06-29  
[30] US (09/289,933) 1999-04-12

[21] **2,333,239**  
[13] A1

[51] **Int.Cl. 7C08F 10/02 7C08F 4/642 7C08F 4/646 7C08F 4/69**

[25] EN  
[54] **A CATALYST COMPOSITION AND  
METHODS FOR ITS PREPARATION  
AND USE IN A POLYMERIZATION  
PROCESS**

[54] **COMPOSITION CATALYTIQUE,  
SES PROCEDES DE PREPARATION ET  
SON APPLICATION DANS LE  
PROCEDE DE POLYMERISATION**  
[72] KUO, CHI-I, US  
[72] GLOWCZWSKI, DAVID MICHEAL,  
US  
[72] ACKERMAN, STEVEN KENT, US  
[72] AGAPIOU, AGAPIOS KYRIACOS, US  
[71] UNIVATION TECHNOLOGIES LLC,  
US  
[85] 2000-11-15  
[86] 1999-06-23 (PCT/US99/14214)  
[87] 2000-01-20 (WO00/02931)  
[30] US (09/113,216) 1998-07-10

[21] **2,333,246**  
[13] A1

[51] **Int.Cl. 7A01B 39/02**

[25] EN  
[54] **APPARATUS FOR WEEDING  
BETWEEN PLANTED ROW CROPS**  
[54] **APPAREIL POUR LE  
DESHERBAGE ENTRE DES CULTURES  
EN LIGNES**

[72] DIJK, GERRIT JAN, NL  
[71] DIJK, GERRIT JAN, NL  
[85] 2000-11-17  
[86] 2000-03-17 (PCT/NL00/00176)  
[87] 2000-09-28 (WO00/56136)  
[30] NL (1011634) 1999-03-22  
[30] NL (1012997) 1999-09-08

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,333,256</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 401/00</b> [25] EN [54] <b>METHOD FOR MAKING HYDROXY-25-ENE-VITAMIN D COMPOUNDS</b> [54] <b>PROCEDE DE PREPARATION DE COMPOSES DE VITAMINE D'HYDROXY-25-ENE</b> [72] POUWER, KEES, NL [72] VRIES, TON, NL [72] WYNBERG, HANS, NL [71] BONE CARE INTERNATIONAL, INC., US [85] 2000-11-14 [86] 1999-05-28 (PCT/US99/11950) [87] 1999-12-02 (WO99/61417) [30] US (60/087,222) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,333,263</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 47/02 6C07C 19/01 6C07C 45/27 6C07C 17/275 6C07C 45/85</b> [25] EN [54] <b>SYNTHESIS AND PURIFICATION OF 3,3-DIMETHYLBUTYRALDEHYDE VIA OXIDATION OF 1-CHLORO-3, 3-DIMETHYLBUTANE WITH DIMETHYL SULFOXIDE</b> [54] <b>SYNTHESE ET PURIFICATION DE 3,3-DIMETHYLBURYRALDEHYDE PAR OXYDATION DE 1-CHLORO-3,3-DIMETHYLBUTANE AVEC DU SULFOXYDE DE DIMETHYLE</b> [72] GUO, ZHI, US [72] PRAKASH, INDRA, US [71] THE NUTRASWEET COMPANY, US [85] 2000-11-14 [86] 1999-05-07 (PCT/US99/09919) [87] 1999-11-25 (WO99/59951) [30] US (09/081,609) 1998-05-20</p>	<p style="text-align: right;">[21] <b>2,333,266</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G11C 13/04 6G11B 7/00</b> [25] EN [54] <b>OPTICAL DATA STORAGE STOCKAGE DE DONNEES OPTIQUES</b> [72] BURROUGHS, TREVOR, GB [71] HYRCYNIAN HOLDINGS LIMITED, CY [85] 2000-11-22 [86] 1999-03-23 (PCT/GB99/00908) [87] 1999-09-30 (WO99/49469) [30] GB (9806209.4) 1998-03-23</p>
<p style="text-align: right;">[21] <b>2,333,257</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/20 6H04Q 7/32</b> [25] EN [54] <b>DIGITAL ADAPTOR FOR RADIO SUBSCRIBER TERMINALS</b> [54] <b>ADAPTATEUR NUMERIQUE POUR TERMINAUX D'ABONNES RADIO</b> [72] LELONG, PATRICK, FR [72] DAULASIM, KHAMPHUC, FR [72] CARMINE, ARMAND, FR [71] LUCENT TECHNOLOGIES INC., US [85] 2000-11-14 [86] 1999-04-12 (PCT/EP99/02444) [87] 1999-11-25 (WO99/60805) [30] EP (98460016.3) 1998-05-20</p>	<p style="text-align: right;">[21] <b>2,333,264</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16M 13/00</b> [25] EN [54] <b>ADJUSTABLE SUPPORT APPARATUS AND ARCHITECTURE FOR ADJUSTING SUPPORT APPARATUS</b> [54] <b>DISPOSITIF SUPPORT REGLABLE ET ARCHITECTURE PERMETTANT DE REGLER LEDIT DISPOSITIF SUPPORT</b> [72] ELIO, PAUL A., US [71] ELIO, PAUL A., US [85] 2000-11-22 [86] 1999-04-12 (PCT/US99/08127) [87] 1999-12-09 (WO99/63264) [30] US (09/092,675) 1998-06-05</p>	<p style="text-align: right;">[21] <b>2,333,267</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 37/50 6A01N 47/12 6A01N 37/20 6A01N 37/24 6A01N 47/24 6A01N 43/40 6A01N 37/46 6A01N 43/50 6A01N 37/52 6A01N 43/653 6A01N 43/88</b> [25] EN [54] <b>FUNGICIDAL COMBINATIONS COMPRISING A GLYOXALIC ACID METHYLESTER METHYLOXIME DERIVATIVE</b> [54] <b>COMBINAISONS FONGICIDES COMPRENANT DES DERIVES METHYLESTER-O-METHYLOXIME D'ACIDE GLYOXALIQUE</b> [72] ZURFLUH, RENE, CH [72] LEADBITTER, NEIL, CH [71] NOVARTIS AG, CH [85] 2000-11-22 [86] 1999-06-04 (PCT/EP99/03883) [87] 1999-12-16 (WO99/63813) [30] GB (9812331.8) 1998-06-08 [30] GB (9903669.1) 1999-02-17</p>
<p style="text-align: right;">[21] <b>2,333,261</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 24/12 6C04B 38/10 6C04B 28/14 6C04B 24/16</b> [25] EN [54] <b>PRODUCTION OF FOAMED COMPOSITIONS CONTAINING GYPSUM</b> [54] <b>PRODUCTION DE COMPOSITIONS EXPANSEES CONTENANT DU GYPSE</b> [72] MOJAHEDUL, ISLAM, US [71] GOLDSCHMIDT CHEMICAL COMPANY, US [85] 2000-11-14 [86] 1999-05-14 (PCT/US99/10742) [87] 1999-11-18 (WO99/58466) [30] US (09/078,959) 1998-05-14</p>	<p style="text-align: right;">[21] <b>2,333,265</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/50</b> [25] EN [54] <b>BALANCED WATER PURIFICATION COMPOSITION</b> [54] <b>COMPOSITION DE PURIFICATION D'EAU EQUILIBREE</b> [72] HSU, TSUI-LING, US [72] ROUNDS, RHYTA S., US [71] ADVANCED WATER TECHNOLOGY, INC., US [85] 2000-11-14 [86] 1999-05-14 (PCT/US99/10744) [87] 1999-11-25 (WO99/59924) [30] US (09/079,269) 1998-05-15 [30] US (09/177,632) 1998-10-23</p>	

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[21] **2,333,268**  
[13] A1

[51] **Int.Cl. 6E05D 7/12 6E05D 7/04 6E05C 17/64**  
[25] EN  
[54] **ADJUSTABLE HINGE ASSEMBLY**  
[54] **ENSEMBLE CHARNIERE REGLABLE**  
[72] GOHAM, THOMAS D., US  
[72] KOVEAL, STEFAN M., US  
[72] HALL, THOMAS E., US  
[72] GILES, DAVID, GB  
[72] RIBLETT, H. ALLEN, US  
[72] BOLINAS, ANDRES A., US  
[72] CREELY, ALBERT L. III, US  
[72] BERG, GERT, GB  
[72] STRASKY, WOLFGANG, AT  
[72] HOLTMAN, ELI J., US  
[72] HANDLEY, LYNN A., US  
[71] SOUTHCO, INC., US  
[85] 2000-11-22  
[86] 1999-06-11 (PCT/US99/13268)  
[87] 1999-12-23 (WO99/66160)  
[30] US (09/094,830) 1998-06-15

[21] **2,333,269**  
[13] A1

[51] **Int.Cl. 6F01D 3/04 6F01D 25/12**  
[25] EN  
[54] **A GAS TURBINE ARRANGEMENT**  
[54] **CONCEPTION D'UNE TURBINE A GAZ**  
[72] KARLSSON, AGNE, SE  
[72] FILIPPOV, VLADIMIR, RU  
[71] ABB AB, SE  
[85] 2000-11-22  
[86] 1999-05-25 (PCT/SE99/00884)  
[87] 1999-12-02 (WO99/61755)  
[30] SE (9801824-5) 1998-05-25

[21] **2,333,270**  
[13] A1

[51] **Int.Cl. 6C07C 401/00 6A61K 31/59**  
[25] EN  
[54] **1.ALPHA.-HYDROXY-25-ENE-VITAMIN D, ANALOGS AND USES THEREOF**  
[54] **COMPOSES DE 1.ALPHA.-HYDROXY-25-ENE-VITAMINE D, LEURS ANALOGUES, ET LEURS UTILISATIONS**  
[72] KNUTSON, JOYCE C., US  
[72] STRUGNELL, STEPHEN, US  
[72] BISHOP, CHARLES W., US  
[71] BONE CARE INTERNATIONAL, INC., US  
[85] 2000-11-14  
[86] 1999-05-28 (PCT/US99/12062)  
[87] 1999-12-02 (WO99/61418)  
[30] US (09/087,439) 1998-05-29

[21] **2,333,271**  
[13] A1

[51] **Int.Cl. 6C01B 15/10**  
[25] EN  
[54] **STABILIZED SODIUM CARBONATE PEROXYHYDRATE**  
[54] **CARBONATE-PEROXYHYDRATE DE SODIUM STABILISE**  
[72] RENVALL, ILKKA, FI  
[72] SALANNE, SIMO, FI  
[72] SODERVALL, TEEMU, FI  
[71] KEMIRA CHEMICALS OY, FI  
[85] 2000-11-14  
[86] 1999-06-09 (PCT/FI99/00498)  
[87] 1999-12-16 (WO99/64351)  
[30] DE (198 26 026.1) 1998-06-10

[21] **2,333,272**  
[13] A1

[51] **Int.Cl. 7C02F 1/42 7C02F 9/00 7C02F 1/28**  
[25] EN  
[54] **ION EXCHANGE REMOVAL OF METAL IONS FROM WASTEWATER**  
[54] **PROCEDE D'EXTRACTION D'IONS METALLIQUES DES EAUX USEES**  
[72] SASSAMAN, FRANK L. JR., US  
[72] FILSON, JAMES L., US  
[72] KEMP, PHILIP M., US  
[72] KAARS, STANLEY R., US  
[71] UNITED STATES FILTER CORPORATION, US  
[85] 2000-11-22  
[86] 1999-07-09 (PCT/US99/15417)  
[87] 2000-01-20 (WO00/02819)  
[30] US (09/113,982) 1998-07-10

[21] **2,333,273**  
[13] A1

[51] **Int.Cl. 6C07D 487/04 6C08K 5/34 6C08K 5/3492**  
[25] EN  
[54] **AMINOPLAST ANCHORED TRISARYL-TRIAZINE UV ABSORBER**  
[54] **ABSORBEUR D'UV A BASE DE TRISARYL-TRIAZINE ANCRE A DES AMINOPLASTES**  
[72] HAACKE, GOTTFRIED, US  
[72] SASSI, THOMAS P., US  
[72] GUPTA, RAM B., US  
[72] JAKIELA, DENNIS J., US  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2000-11-22  
[86] 1998-11-20 (PCT/US98/24879)  
[87] 1999-12-29 (WO99/67246)  
[30] US (60/090,262) 1998-06-22

[21] **2,333,274**  
[13] A1

[51] **Int.Cl. 6C07D 239/95**  
[25] EN  
[54] **THERMALLY STABLE TRIMETREXATES AND PROCESSES FOR PRODUCING THE SAME**  
[54] **TRIMETREXATES STABLES A LA CHALEUR ET LEURS PROCEDES DE PREPARATION**  
[72] GRAFE, INGOMAR, DE  
[72] MORSDORF, JOHANN, DE  
[72] STOGNIEW, MARTIN, US  
[71] U.S. BIOSCIENCE, INC., US  
[85] 2000-11-14  
[86] 1999-05-17 (PCT/US99/10836)  
[87] 1999-11-25 (WO99/59981)  
[30] US (09/080,290) 1998-05-18

[21] **2,333,275**  
[13] A1

[51] **Int.Cl. 6C07C 255/58 6C07C 309/04 6C07C 253/30**  
[25] EN  
[54] **NEW PROCESS**  
[54] **NOUVEAU PROCEDE**  
[72] FRANSSON, PATRIC, SE  
[72] SJOGREN, MAGNUS, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-11-22  
[86] 1999-06-10 (PCT/SE99/01032)  
[87] 1999-12-16 (WO99/64391)  
[30] SE (9802074-6) 1998-06-11

[21] **2,333,276**  
[13] A1

[51] **Int.Cl. 6B65B 37/06 6B65B 9/02 6B65B 9/04 6B32B 3/10 6B65B 3/12 6B65B 3/26 6B65B 1/30**  
[25] EN  
[54] **METHOD OF MAKING MULTIPLE MINIATURE SAMPLE COMPARTMENTS**  
[54] **PROCEDE DE FABRICATION DE MULTIPLES COMPARTIMENTS MINIATURES POUR PRELEVEMENTS**  
[72] GREENLAND, STEVEN J., US  
[71] ARCADE, INC., US  
[85] 2000-11-14  
[86] 1999-05-13 (PCT/US99/10638)  
[87] 1999-11-25 (WO99/59874)  
[30] US (09/079,646) 1998-05-15  
[30] US (09/288,107) 1999-04-06

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[21] **2,333,277**  
[13] A1  
[51] **Int.Cl. 7C08L 29/04 7C08F 8/00 7C08K 3/00 7H01M 4/04 7H01B 1/06 7H01M 10/40 7H01M 4/62**  
[25] EN  
[54] **ION-CONDUCTIVE SOLID POLYMER-FORMING COMPOSITION AND ION-CONDUCTIVE SOLID POLYMER ELECTROLYTE, BINDER RESIN AND SECONDARY CELL**  
[54] **COMPOSITION POUR POLYMERESOLIDE A CONDUCTIVITE IONIQUE, ELECTROLYTE POLYMERE A CONDUCTIVITE IONIQUE, RESINE DE LIAISON ET BATTERIE SECONDAIRE**  
[72] SATO, TAKAYA, JP  
[72] HATA, KIMIYO, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[85] 2000-11-22  
[86] 2000-03-22 (PCT/JP00/01734)  
[87] 2000-09-28 (WO00/56815)  
[30] JP (11/78087) 1999-03-23

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[21] **2,333,278**  
[13] A1  
[51] **Int.Cl. 6G08B 13/14**  
[25] EN  
[54] **OMNIDIRECTIONAL DEACTIVATOR FOR MAGNETIC LABELS OR TAGS OF EAS SYSTEMS**  
[54] **DESACTIVATEUR OMNIDIRECTIONNEL POUR ETIQUETTES MAGNETIQUES DE SYSTEMES ELECTRONIQUES DE SURVEILLANCE D'ARTICLES**  
[72] COPELAND, RICHARD L., US  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 2000-11-22  
[86] 1999-06-16 (PCT/US99/13555)  
[87] 1999-12-23 (WO99/66469)  
[30] US (09/100,706) 1998-06-19

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[21] **2,333,279**  
[13] A1  
[51] **Int.Cl. 6G06F 9/44 6G06F 9/46**  
[25] EN  
[54] **SYSTEM AND METHOD FOR COMBINING LOCAL AND REMOTE WINDOWS INTO A SINGLE DESKTOP ENVIRONMENT**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE COMBINER EN UN UNIQUE ENVIRONNEMENT DE BUREAU DES FENETRES LOCALES ET DES FENETRES A DISTANCE**  
[72] PANASYUK, ANATOLIY, AU  
[72] DUURSMAN, MARTIN, AU  
[71] CITRIX SYSTEMS, INC., US  
[85] 2000-11-22  
[86] 1999-05-25 (PCT/US99/11534)  
[87] 1999-12-09 (WO99/63430)  
[30] US (09/086,898) 1998-05-29

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[21] **2,333,280**  
[13] A1  
[51] **Int.Cl. 6D21F 3/00**  
[25] EN  
[54] **PRESS SECTION IN A PAPER MACHINE, IN WHICH PRESS SECTION ONE OR SEVERAL EXTENDED NIPS IS/ ARE APPLIED**  
[54] **SECTION PRESSE DE MACHINE A PAPIER DANS LAQUELLE ON APPLIQUE UNE OU PLUSIEURS PINCES ALLONGEES**  
[72] TAVI, SEPPA, FI  
[72] HONKALAMPI, PETER, FI  
[71] VALMET CORPORATION, FI  
[85] 2000-11-14  
[86] 1999-05-11 (PCT/FI99/00394)  
[87] 1999-11-25 (WO99/60202)  
[30] FI (981089) 1998-05-15

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[21] **2,333,283**  
[13] A1  
[51] **Int.Cl. 6H04B 7/185**  
[25] EN  
[54] **SELECTIVE CALL RECEIVER WITH AUTOMATIC RE-REGISTRATION CAPABILITY**  
[54] **RECEPTEUR D'APPELS SELECTIFS A CAPACITE AUTOMATIQUE DE RE-ENREGISTREMENT**  
[72] SAPASHE, DARREN T., US  
[71] MOTOROLA, INC., US  
[85] 2000-11-14  
[86] 1999-04-15 (PCT/US99/08243)  
[87] 1999-11-25 (WO99/60725)  
[30] US (09/080,563) 1998-05-18

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[21] **2,333,284**  
[13] A1  
[51] **Int.Cl. 6B01J 20/34**  
[25] EN  
[54] **THE USE OF PHOSPHORUS TO ENHANCE THE ACID SITES OF FCC CATALYSTS**  
[54] **UTILISATION DU PHOSPHORE POUR AMELIORER LES SITES ACIDES DES CATALYSEURS DE CRAQUAGE CATALYTIQUE FLUIDE**  
[72] PAVEL, STEPHEN K., US  
[71] COASTAL CATALYST TECHNOLOGY, INC., US  
[85] 2000-11-14  
[86] 1999-05-08 (PCT/US99/10011)  
[87] 1999-11-18 (WO99/58238)  
[30] US (09/079,100) 1998-05-14

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[21] **2,333,285**  
[13] A1  
[51] **Int.Cl. 6G01S 17/02 6E03C 1/05 6G01S 7/481**  
[25] EN  
[54] **DIRECTIONAL OBJECT SENSOR FOR AUTOMATIC FLOW CONTROLLER**  
[54] **DETECTEUR DIRECTIONNEL D'OBJET POUR UNITE DE COMMANDE AUTOMATIQUE D'ECOULEMENT**  
[72] WU, HAIYOU, US  
[72] PARSONS, NATAN E., US  
[71] ARICHELL TECHNOLOGIES, INC., US  
[85] 2000-11-22  
[86] 1999-05-17 (PCT/US99/10878)  
[87] 1999-12-02 (WO99/61938)  
[30] US (09/085,740) 1998-05-28

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[21] **2,333,286**  
[13] A1  
[51] **Int.Cl. 6C07D 251/24 6C08K 5/3492 6A61K 7/42 6G03C 1/73**  
[25] EN  
[54] **POLY-TRISARYL-1,3,5-TRIAZINE CARBAMATE ULTRAVIOLET LIGHT ABSORBERS**  
[54] **ABSORBEURS DE LUMIERE ULTRAVIOLETTE A BASE DE POLY-TRISARYL-1,3,5-TRIAZINE CARBAMATE**  
[72] JAKIELA, DENNIS J., US  
[72] GUPTA, RAM B., US  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2000-11-22  
[86] 1999-06-18 (PCT/US99/13826)  
[87] 1999-12-29 (WO99/67227)  
[30] US (60/090,249) 1998-06-22

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[21] **2,333,287**  
[13] A1

[51] **Int.Cl. 6H01F 1/153 6H01F 41/02 6H01F 27/25**  
[25] EN  
[54] **HIGH STACK FACTOR AMORPHOUS METAL RIBBON AND TRANSFORMER CORES**  
[54] **RUBAN EN METAL AMORPHE A FACTEUR D'EMPILEMENT ELEVE ET NOYAUX POUR TRANSFORMATEURS**  
[72] NGO, DUNG A., US  
[72] BRIGGS, MICHAEL L., US  
[72] BYE, RICHARD L., JR., US  
[72] DECRISTOFARO, NICHOLAS, US  
[71] ALLIEDSIGNAL INC., US  
[85] 2000-11-14  
[86] 1999-05-13 (PCT/US99/10593)  
[87] 1999-11-18 (WO99/59168)  
[30] US (60/085,276) 1998-05-13  
[30] US (09/311,423) 1999-05-13

[21] **2,333,288**  
[13] A1

[51] **Int.Cl. 6G09G 3/20**  
[25] EN  
[54] **DISPLAY SYSTEM HAVING MULTIPLE MEMORY ELEMENTS PER PIXEL**  
[54] **SYSTEME D'AFFICHAGE COMPORTANT DE MULTIPLES ELEMENTS DE MEMOIRE PAR PIXEL**  
[72] QUANRUD, WILLIAM A., US  
[71] INVISIO, INC., US  
[85] 2000-11-14  
[86] 1999-05-13 (PCT/US99/10719)  
[87] 1999-11-25 (WO99/60557)  
[30] US (09/079,684) 1998-05-15

[21] **2,333,289**  
[13] A1

[51] **Int.Cl. 6F21L 11/00**  
[25] EN  
[54] **INDICATION DEVICE**  
[54] **DISPOSITIF INDICATEUR**  
[72] SUDA, YOSHIMITSU, JP  
[71] SUDA, YOSHIMITSU, JP  
[85] 2000-11-14  
[86] 1999-06-02 (PCT/JP99/02966)  
[87] 2000-01-06 (WO00/00769)  
[30] JP (10/199803) 1998-06-30

[21] **2,333,290**  
[13] A1

[51] **Int.Cl. 6H02P 6/14**  
[25] EN  
[54] **ELECTRONICALLY COMMUTATED MOTOR**  
[54] **MOTEUR A COMMUTATION ELECTRIQUE**  
[72] KUNER, ARNOLD, DE  
[72] MOOSMANN, HELMUT, DE  
[72] JESKE, FRANK, DE  
[71] PAPST-MOTOREN GMBH & CO. KG, DE  
[85] 2000-11-14  
[86] 1999-02-26 (PCT/EP99/01265)  
[87] 1999-11-25 (WO99/60694)  
[30] DE (298 09 025.2) 1998-05-19

[21] **2,333,291**  
[13] A1

[51] **Int.Cl. 6A61F 11/00 6A47G 9/00 6H04R 5/02**  
[25] EN  
[54] **CUSHION FOR USE WITHIN THE FRAMEWORK OF THERAPEUTIC MEASURES, ESPECIALLY TO TREAT EAR DISORDERS**  
[54] **COUSSIN A UTILISER DANS LE CADRE DE MESURES THERAPEUTIQUES, EN PARTICULIER POUR LE TRAITEMENT DE MALADIES DE L'OREILLE**  
[72] HOLLMANN, MANFRED, DE  
[71] HOLLMANN, MANFRED, DE  
[85] 2000-11-14  
[86] 1999-03-17 (PCT/EP99/01747)  
[87] 1999-11-18 (WO99/58088)  
[30] DE (298 08 521.6) 1998-05-12

[21] **2,333,292**  
[13] A1

[51] **Int.Cl. 6B32B 27/08 6B32B 31/00 6B44F 1/10**  
[25] EN  
[54] **LUMINESCENT PERFORATED ONE WAY VISION FILM**  
[54] **FILM PERFORE LUMINESCENT A VISION UNIDIRECTIONNELLE**  
[72] BULL, SALLY J., US  
[72] ACITO, PAUL L., US  
[72] MURPHY, DAVID J., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-11-17  
[86] 1999-02-17 (PCT/US99/03422)  
[87] 1999-12-23 (WO99/65679)  
[30] US (09/098,702) 1998-06-15

[21] **2,333,293**  
[13] A1

[51] **Int.Cl. 7H04M 1/515 7H04Q 7/16**  
[25] EN  
[54] **ALPHANUMERIC MESSAGE COMPOSING METHOD USING TELEPHONE KEYPAD**  
[54] **PROCEDE PERMETTANT DE COMPOSER UN MESSAGE ALPHANUMERIQUE A L'AIDE D'UN CLAVIER TELEPHONIQUE**  
[72] SCHWENDEMAN, ROBERT J., US  
[72] HUANG, JIAN-CHENG, US  
[72] CHANG, LU, US  
[72] PERERA, SURENDRA, US  
[71] MOTOROLA, INC., US  
[85] 2000-11-14  
[86] 1999-04-07 (PCT/US99/07614)  
[87] 1999-11-18 (WO99/59310)  
[30] US (09/078,733) 1998-05-14  
[30] US (09/108,828) 1998-07-01  
[30] US (09/166,739) 1998-10-05

[21] **2,333,295**  
[13] A1

[51] **Int.Cl. 6A61F 7/00**  
[25] EN  
[54] **SELF-REGULATING HEAT PACK**  
[54] **SACHET CHAUFFANT A AUTOREGULATION**  
[72] SABIN, MARTIN W., US  
[72] SABIN, CULLEN M., US  
[71] TEMPRA TECHNOLOGY, INC., US  
[85] 2000-11-14  
[86] 1999-05-21 (PCT/US99/11289)  
[87] 1999-11-25 (WO99/59508)  
[30] US (09/083,005) 1998-05-21

[21] **2,333,296**  
[13] A1

[51] **Int.Cl. 6C23C 14/46 6H01J 37/34**  
[25] EN  
[54] **APPARATUS FOR SPUTTER DEPOSITION**  
[54] **APPAREIL POUR FORMER UN DEPOT PAR PULVERISATION CATHODIQUE**  
[72] KAUFMAN, HAROLD R., US  
[72] HYLTON, TODD L., US  
[72] BALDWIN, DAVID A., US  
[72] KAHN, JAMES R., US  
[72] ZHURIN, VIACHESLAV V., US  
[71] COMMONWEALTH SCIENTIFIC CORPORATION, US  
[71] KAUFMAN & ROBINSON, INC., US  
[85] 2000-11-14  
[86] 1999-05-05 (PCT/US99/09851)  
[87] 1999-11-18 (WO99/58737)  
[30] US (09/078,727) 1998-05-14



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,333,297</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 35/111 6C09K 3/14</b> [25] EN [54] <b>METHOD FOR MAKING ABRASIVE GRAIN USING IMPREGNATION, AND ABRASIVE ARTICLES</b> [54] <b>PROCEDE DE FABRICATION DE GRAIN ABRASIF PAR IMPREGNATION, ET ARTICLES ABRASIFS</b> [72] WOOD, WILLIAM P., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-11-14 [86] 1999-03-31 (PCT/US99/07059) [87] 1999-12-02 (WO99/61389) [30] US (09/081,365) 1998-05-19</p>	<p style="text-align: right;">[21] <b>2,333,299</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 35/06 6B03C 1/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR MAGNETICALLY SEPARATING SELECTED PARTICLES, PARTICULARLY BIOLOGICAL CELLS</b> [54] <b>PROCEDE ET DISPOSITIF SERVANT A SEPARER MAGNETIQUEMENT DES PARTICULES SELECTIONNEES, EN PARTICULIER, DES CELLULES BIOLOGIQUES</b> [72] LAMISH, AHARON, IL [72] DAVIDSON, CHAIM, IL [72] KLEIN, OFER, IL [71] LAMISH, AHARON, IL [71] DAVIDSON, CHAIM, IL [71] KLEIN, OFER, IL [85] 2000-11-14 [86] 1999-05-13 (PCT/IL99/00255) [87] 1999-11-25 (WO99/59694) [30] IL (124514) 1998-05-17</p>	<p style="text-align: right;">[21] <b>2,333,309</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63G 31/00</b> [25] EN [54] <b>FACILITY FOR PLAYING DISPOSITIF DE JEU</b> [72] OCHI, YASUSHI, JP [71] ORIENTAL SANGYO, LTD., JP [85] 2000-11-17 [86] 1999-05-13 (PCT/JP99/02513) [87] 1999-11-25 (WO99/59690) [30] JP (10/134769) 1998-05-18 [30] JP (10/252172) 1998-09-07</p>
<p style="text-align: right;">[21] <b>2,333,298</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02C 7/02</b> [25] EN [54] <b>PROGRESSIVE ADDITION LENSES WITH VARYING POWER PROFILES</b> [54] <b>LENTILLES A ADDITION PROGRESSIVE DOTEES DE PROFILS A PUISSANCE VARIABLE</b> [72] MENEZES, EDGAR, US [71] JOHNSON &amp; JOHNSON VISION CARE, INC., US [85] 2000-11-14 [86] 2000-02-15 (PCT/US00/03850) [87] 2000-09-21 (WO00/55678) [30] US (09/271,119) 1999-03-17</p>	<p style="text-align: right;">[21] <b>2,333,300</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 19/08</b> [25] EN [54] <b>GRIP VALVE CONTROL SYSTEM FOR A ROCK DRILL</b> [54] <b>SYSTEME DE COMMANDE DE DISTRIBUTEUR A POIGNEE POUR TREPAN A ROCHES</b> [72] HUNT, CLIVE WILFRED, ZA [71] ANGLO OPERATIONS LIMITED, ZA [85] 2000-11-14 [86] 1999-04-16 (PCT/IB99/00677) [87] 1999-10-28 (WO99/54587) [30] ZA (98/3246) 1998-04-17</p>	<p style="text-align: right;">[21] <b>2,333,310</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/645 6A61K 31/55</b> [25] EN [54] <b>USE OF TRICYCLIC ANTIDEPRESSANTS FOR LOCAL ANALGESIA</b> [54] <b>UTILISATION D'ANTIDEPRESSEURS TRICYCLIQUES POUR L'ANALGESIE LOCALE</b> [72] REID, ALLISON, CA [72] ESSER, MIKE, CA [72] SAWYNOK, JANA, CA [71] DALHOUSIE UNIVERSITY, CA [85] 2000-11-17 [86] 1999-05-19 (PCT/CA99/00449) [87] 1999-11-25 (WO99/59598) [30] US (09/081,709) 1998-05-19</p>
<p style="text-align: right;">[21] <b>2,333,301</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 17/02 6C02F 1/28</b> [25] EN [54] <b>METHOD AND APPARATUS FOR REMOVING OIL FROM WATER</b> [54] <b>PROCEDE ET APPAREIL UTILISES POUR ELIMINER DE L'HUILE PRESENTE DANS DE L'EAU</b> [72] JOHNSON, MICHAEL R., US [72] SMITH, JEFFREY J., US [71] AMCOL INTERNATIONAL CORPORATION, US [85] 2000-11-14 [86] 1999-05-14 (PCT/US99/10759) [87] 1999-11-18 (WO99/58218) [30] US (09/081,976) 1998-05-14</p>	<p style="text-align: right;">[21] <b>2,333,311</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B63B 21/22 6G01S 5/00 6E21B 41/04 6B63G 8/42</b> [25] EN [54] <b>APPARATUS AND METHOD FOR DEPLOYING AN OBJECT OR A LOAD ON THE SEABED</b> [54] <b>APPAREIL ET PROCEDE DE DEPLOIEMENT D'UN OBJET OU D'UNE CHARGE SUR LE PLANCHER OCEANIQUE</b> [72] BERNARD, FRANCOIS, NL [71] BERNARD, FRANCOIS, NL [85] 2000-11-22 [86] 1999-04-26 (PCT/NL99/00242) [87] 1999-12-02 (WO99/61307) [30] NL (1009277) 1998-05-28</p>	<p style="text-align: right;">[21] <b>2,333,311</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B63B 21/22 6G01S 5/00 6E21B 41/04 6B63G 8/42</b> [25] EN [54] <b>APPARATUS AND METHOD FOR DEPLOYING AN OBJECT OR A LOAD ON THE SEABED</b> [54] <b>APPAREIL ET PROCEDE DE DEPLOIEMENT D'UN OBJET OU D'UNE CHARGE SUR LE PLANCHER OCEANIQUE</b> [72] BERNARD, FRANCOIS, NL [71] BERNARD, FRANCOIS, NL [85] 2000-11-22 [86] 1999-04-26 (PCT/NL99/00242) [87] 1999-12-02 (WO99/61307) [30] NL (1009277) 1998-05-28</p>

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[21] **2,333,312**  
[13] A1

[51] **Int.Cl. 7H01G 9/038 7H01G 9/058 7H01G 9/155**  
[25] EN  
[54] **ELECTROLYTE COMPOSITION FOR ELECTRIC DOUBLE LAYER CAPACITOR, SOLID POLYMER ELECTROLYTE, COMPOSITION FOR POLARIZABLE ELECTRODE, POLARIZABLE ELECTRODE, AND ELECTRIC DOUBLE LAYER CAPACITOR**  
[54] **COMPOSITION D'ELECTROLYTE POUR CONDENSATEUR A DOUBLE COUCHE ELECTRIQUE, ELECTROLYTE A POLYMERE SOLIDE, COMPOSITION ET ELECTRODE POLARISABLE, ELECTRODE POLARISABLE ET CONDENSATEUR A DOUBLE COUCHE ELECTRIQUE**  
[72] SATO, TAKAYA, JP  
[72] HATA, KIMIYO, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[85] 2000-11-22  
[86] 2000-03-22 (PCT/JP00/01735)  
[87] 2000-09-28 (WO00/57440)  
[30] JP (11/78086) 1999-03-23  
[30] JP (11/78087) 1999-03-23

[21] **2,333,313**  
[13] A1

[51] **Int.Cl. 6C12N 7/02 6C12N 7/04 6C07K 14/145 6C12N 15/86**  
[25] EN  
[54] **NOVEL METHODS FOR RESCUE OF RNA VIRUSES**  
[54] **NOUVEAU PROCEDE POUR RECUPERER DES VIRUS A ARN**  
[72] PARKS, CHRISTOPHER L., US  
[72] SIDHU, MOHINDERJIT S., US  
[72] UDEM, STEPHEN A., US  
[72] KOVACS, GERALD R., US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2000-11-22  
[86] 1999-06-03 (PCT/US99/12292)  
[87] 1999-12-09 (WO99/63064)  
[30] US (60/087,800) 1998-06-03

[21] **2,333,314**  
[13] A1

[51] **Int.Cl. 6G01G 13/24**  
[25] EN  
[54] **LOSS-IN-WEIGHT FEEDER CONTROL**  
[54] **REGULATION D'UN DISPOSITIF D'ALIMENTATION PAR MESURE DE PERTE DE POIDS**  
[72] AALTO, PENTTI, FI  
[72] BJORKLUND, JAN-PETER, FI  
[71] OUTOKUMPU, OYJ, FI  
[71] RAUTE PRECISION OY, FI  
[85] 2000-11-22  
[86] 1999-05-19 (PCT/FI99/00434)  
[87] 1999-12-09 (WO99/63310)  
[30] FI (981211) 1998-05-29

[21] **2,333,315**  
[13] A1

[51] **Int.Cl. 6A61K 38/13**  
[25] EN  
[54] **USE OF CYCLOSPORINS IN THE TREATMENT OF INFLAMMATORY AUTOIMMUNE DISEASES**  
[54] **UTILISATION DE CYCLOSPORINES POUR TRAITER LES MALADIES INFLAMMATOIRES AUTO-IMMUNES**  
[72] HIESTAND, PETER, CH  
[71] NOVARTIS AG, CH  
[85] 2000-11-22  
[86] 1999-05-31 (PCT/EP99/03770)  
[87] 1999-12-09 (WO99/62540)  
[30] GB (9811854.0) 1998-06-02

[21] **2,333,316**  
[13] A1

[51] **Int.Cl. 6C07K 14/765 6C07K 16/06 6C12N 9/64 6C12N 9/74 6C07K 14/755 6C07K 14/81**  
[25] EN  
[54] **METHOD FOR SEPARATING AND/OR ISOLATING PLASMA PROTEINS BY ANNULARCHROMATOGRAPHY**  
[54] **PROCEDE POUR SEPARER ET/OU ISOLER DES PROTEINES PLASMATIQUES PAR CHROMATOGRAPHIE ANNULAIRE**  
[72] GRUBER, GERHARD, AT  
[72] IBERER, GUNTHER, AT  
[72] PRIOR, ADALBERT, AT  
[72] BUCHACHER, ANDREA, AT  
[72] JOSIC, DJURO, AT  
[72] WOLFGANG, JURGEN, AT  
[71] OCTAPharma AG, CH  
[85] 2000-11-22  
[86] 1999-05-27 (PCT/EP99/03659)  
[87] 1999-12-02 (WO99/61475)  
[30] DE (198 23 814.2) 1998-05-27

[21] **2,333,317**  
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61K 7/06 7A61K 47/10 7A61K 9/107 7A61K 7/16 7A61K 7/26 7A61K 7/40 7A61K 47/44 7A61K 7/48 7A61K 7/50**  
[25] EN  
[54] **STABLE OIL-IN-GLYCERIN EMULSION**  
[54] **EMULSION STABLE HUILE DANS GLYCERINE**  
[72] FRIEDMAN, DORON I., IL  
[71] J.P.M.E.D. LTD., IL  
[85] 2000-11-22  
[86] 2000-03-09 (PCT/IL00/00142)  
[87] 2000-09-28 (WO00/56346)  
[30] IL (129102) 1999-03-22

[21] **2,333,318**  
[13] A1

[51] **Int.Cl. 6C12M 1/02 6B01L 7/00 6H05B 3/14 6G05D 23/19**  
[25] EN  
[54] **TEMPERATURE CONTROL OF INCUBATION VESSELS USING ELECTRICALLY CONDUCTING POLYMERS**  
[54] **REGULATION DE LA TEMPERATURE DES FLACONS A INCUBATION AU MOYEN DE POLYMERES ELECTRIQUEMENT CONDUCTEURS**  
[72] MOORE, PAUL, GB  
[72] LESLIE, DARIO LYALL, GB  
[72] LEE, MARTIN ALAN, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2000-11-22  
[86] 1999-05-17 (PCT/GB99/01553)  
[87] 1999-12-02 (WO99/61578)  
[30] GB (9411060.4) 1998-05-23

[21] **2,333,319**  
[13] A1

[51] **Int.Cl. 6A61K 9/50 6B01J 2/00**  
[25] EN  
[54] **LAYERING PROCESS AND APPARATUS THEREFOR**  
[54] **PROCEDE DE STRUCTURATION EN COUCHE ET APPAREIL AFFERENT**  
[72] MARCONI, MARCO GIUSEPPE RAFFAELE, IT  
[72] LA GRASTA, GIOVANNI, IT  
[72] CORNELLI, LIVIO MARIA, IT  
[71] EURAND INTERNATIONAL S.P.A., IT  
[85] 2000-11-22  
[86] 1999-05-21 (PCT/EP99/03512)  
[87] 1999-12-02 (WO99/61006)  
[30] EP (98109349.5) 1998-05-22

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[21] **2,333,320**  
[13] A1

[51] **Int.Cl. 6A61K 31/52 6A61K 31/575**  
[25] EN  
[54] **TREATMENT OF INFERTILITY WITH CAMP-INCREASING COMPOUNDS ALONE OR IN COMBINATION WITH AT LEAST ONE MEIOSIS-STIMULATING COMPOUND**  
[54] **TRAITEMENT DE L'INFERTILITE PAR DES COMPOSES STIMULANT LA PRODUCTION D'AMPC, SEULS OU ASSOCIES A AU MOINS UN COMPOSE STIMULANT LA MEIOSE**  
[72] CAM, QUOC-LAM, DE  
[72] HEGELE-HARTUNG, CHRISTA, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 2000-11-22  
[86] 1999-05-07 (PCT/EP99/03138)  
[87] 1999-12-02 (WO99/61010)  
[30] EP (98250177.7) 1998-05-26

[21] **2,333,321**  
[13] A1

[51] **Int.Cl. 6A61K 47/48 6A61K 9/00 6C07D 491/22 6A61K 47/36 6A61K 31/47**  
[25] EN  
[54] **DRUG COMPLEX**  
[54] **COMPOSITES MEDICAMENTEUX**  
[72] KUGA, HIROSHI, JP  
[72] SUSAKI, HIROSHI, JP  
[72] INOUE, KAZUHIRO, JP  
[71] DAIICHI PHARMACEUTICAL CO., LTD., JP  
[85] 2000-11-22  
[86] 1999-05-21 (PCT/JP99/02681)  
[87] 1999-12-02 (WO99/61061)  
[30] JP (10/140915) 1998-05-22

[21] **2,333,322**  
[13] A1

[51] **Int.Cl. 6C07C 323/58 6A61K 31/195**  
[25] EN  
[54] **NITRIC OXIDE SYNTHASE INHIBITORS**  
[54] **INHIBITEURS DE SYNTHASE D'OXYDE NITRIQUE**  
[72] BESWICK, PAUL JOHN, GB  
[72] YOUNG, ROBERT JOHN, GB  
[72] KLEANTHOUS, SAVVAS, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2000-11-22  
[86] 1999-05-27 (PCT/EP99/03583)  
[87] 1999-12-09 (WO99/62875)  
[30] GB (9811599.1) 1998-05-30

[21] **2,333,323**  
[13] A1

[51] **Int.Cl. 6A61M 1/34 6A61K 38/17 6A61K 38/19 6A61K 31/445**  
[25] EN  
[54] **METHOD AND COMPOSITIONS FOR TREATMENT OF CANCERS**  
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE CANCERS**  
[72] LENTZ, M. RIGDON, US  
[71] LENTZ, M. RIGDON, US  
[85] 2000-11-22  
[86] 1999-05-21 (PCT/US99/11306)  
[87] 1999-12-02 (WO99/61085)  
[30] US (09/083,307) 1998-05-22

[21] **2,333,324**  
[13] A1

[51] **Int.Cl. 6C07D 251/00**  
[25] EN  
[54] **TRISARYL-1,3,5-TRIAZINE ULTRAVIOLET LIGHT ABSORBERS CONTAINING HINDERED PHENOLS**  
[54] **ABSORBEURS DE RAYONNEMENT ULTRAVIOLET A LA TRISARYL-1,3,5-TRIAZINE AVEC PHENOLS BLOQUES**  
[72] JAKIELA, DENNIS J., US  
[72] GUPTA, RAM B., US  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2000-11-22  
[86] 1999-06-07 (PCT/US99/12758)  
[87] 1999-12-29 (WO99/67223)  
[30] US (60/090,259) 1998-06-22

[21] **2,333,325**  
[13] A1

[51] **Int.Cl. 6H04L 12/66 6H04L 12/64**  
[25] EN  
[54] **TRUNK MANAGEMENT SYSTEM FOR TELECOMMUNICATIONS**  
[54] **SYSTEME DE GESTION DE CIRCUIT LONG POUR TELECOMMUNICATIONS**  
[72] MARTIN, ANDREW LOUIS, AU  
[72] PATERSON, BRUCE MELROSE, AU  
[71] TELE-IP LIMITED, AU  
[85] 2000-11-24  
[86] 1999-05-26 (PCT/AU99/00414)  
[87] 1999-12-02 (WO99/62235)  
[30] AU (PP 3723) 1998-05-26

[21] **2,333,326**  
[13] A1

[51] **Int.Cl. 6A61L 2/04**  
[25] EN  
[54] **SLURRY TREATMENT AND SHIPPING METHOD**  
[54] **TRAITEMENT DE COULIS ET TECHNIQUE D'EXPEDITION**  
[72] ADLER, PAUL E., US  
[71] PEEPLES INDUSTRIES, INC., US  
[85] 2000-11-24  
[86] 1999-05-27 (PCT/US99/11709)  
[87] 1999-12-02 (WO99/61074)  
[30] US (60/087,375) 1998-05-28

[21] **2,333,327**  
[13] A1

[51] **Int.Cl. 6E04B 1/348**  
[25] EN  
[54] **STRUCTURAL TERMINATION SYSTEM**  
[54] **SYSTEME D'EXTREMITE DE STRUCTURE**  
[72] GEORGEAU, PHILLIP C., US  
[71] CHEM LINK, INC., US  
[85] 2000-11-24  
[86] 1999-06-08 (PCT/US99/12787)  
[87] 1999-12-16 (WO99/64689)  
[30] US (09/095,441) 1998-06-10

[21] **2,333,328**  
[13] A1

[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MONITORING ANTICOAGULATION LEVELS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE CONTROLER LES NIVEAUX D'ANTICOAGULATION**  
[72] HAMLET, D. MARK, US  
[71] SULZER CARBOMEDICS INC., US  
[85] 2000-11-24  
[86] 1999-12-02 (PCT/US99/28635)  
[87] 2000-06-08 (WO00/32101)  
[30] US (09/203,814) 1998-12-02

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[21] **2,333,329**  
[13] A1

[51] **Int.Cl. 6E05B 65/10 6E05B 59/00 6E05C 9/06 6E05C 9/20**  
[25] EN  
[54] **MORTISE LOCK**  
[54] **SERRURE A MORTAISE**  
[72] NICOARA, PETER, IL  
[72] RODKIN, ELI, IL  
[71] MUL-T-LOCK SECURITY PRODUCTS LTD., IL  
[85] 2000-11-24  
[86] 1999-05-24 (PCT/IL99/00276)  
[87] 1999-12-02 (WO99/61734)  
[30] IL (124637) 1998-05-25

[21] **2,333,330**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/02 6C07H 21/04 6C12N 15/11**  
[25] EN  
[54] **A METHOD FOR PLACING A PHOTO-CROSS-LINKING AGENT AT SPECIFIC INTERNAL SITES WITHIN THE SEQUENCE OF SYNTHETIC STRANDS OF RIBONUCLEIC ACIDS**  
[54] **PROCEDE SERVANT A PLACER UN AGENT DE PHOTORETICULATION A DES SITES INTERNES SPECIFIQUES DANS UNE SEQUENCE DE BRINS SYNTHETIQUES D'ACIDES RIBONUCLEIQUES**  
[72] HECKMAN, JOYCE E., US  
[72] PINARD, ROBERT, US  
[72] BURKE, JOHN M., US  
[71] UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE, US  
[85] 2000-11-24  
[86] 1999-06-22 (PCT/US99/14075)  
[87] 1999-12-29 (WO99/67424)  
[30] US (09/102,599) 1998-06-22

[21] **2,333,331**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6C12N 15/87**  
[25] EN  
[54] **STABILIZED TRANSIENT GENE EXPRESSION**  
[54] **EXPRESSION GENIQUE TRANSITOIRE STABILISEE**  
[72] GOFFE, ADEELIA S., US  
[72] GOFFE, RANDAL A., US  
[71] GENESPAN CORPORATION, US  
[85] 2000-11-24  
[86] 1999-06-07 (PCT/US99/12752)  
[87] 1999-12-16 (WO99/64578)  
[30] US (09/093,449) 1998-06-08

[21] **2,333,332**  
[13] A1

[51] **Int.Cl. 6C07D 413/14 6C07D 209/00 6C07D 451/02 6C07D 487/08 6C07D 413/12 6C07D 417/12 6C07D 417/14 6A61K 31/42 6A61K 31/44 6C07F 9/6558**  
[25] EN  
[54] **OXAZOLIDINONE DERIVATIVES, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[54] **COMPOSES CHIMIQUES**  
[72] GRAVESTOCK, MICHAEL BARRY, US  
[71] ASTRAZENECA AB, SE  
[85] 2000-11-24  
[86] 1999-06-03 (PCT/GB99/01753)  
[87] 1999-12-16 (WO99/64417)  
[30] GB (9812021.5) 1998-06-05  
[30] GB (9820164.3) 1998-09-17  
[30] GB (9826066.4) 1998-11-28

[21] **2,333,351**  
[13] A1

[51] **Int.Cl. 6G01S 5/02 6G01S 5/14 6H04B 7/185**  
[25] EN  
[54] **A METHOD AND DEVICE FOR CREATING A NETWORK POSITIONING SYSTEM (NPS)**  
[54] **PROCEDE ET DISPOSITIF POUR LA MISE EN PLACE D'UN SYSTEME DE POSITIONNEMENT PAR RESEAU (NPS)**  
[72] SMALL, DAVID, AU  
[71] QX CORPORATION PTY.LTD, AU  
[85] 2000-11-24  
[86] 1999-05-28 (PCT/AU99/00423)  
[87] 1999-12-09 (WO99/63358)  
[30] AU (PP 3754) 1998-05-29

[21] **2,333,353**  
[13] A1

[51] **Int.Cl. 6F16K 15/04**  
[25] EN  
[54] **RETAINER INSERT FOR A VALVE HAVING A FLOATING CLOSURE MEMBER**  
[54] **INSERT DE RETENUE DESTINE A UNE SOUPAPE POSSEDANT UN ELEMENT DE FERMETURE FLOTTANT**  
[72] MASSICOTTE, MICHEL, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[85] 2000-11-24  
[86] 1999-05-20 (PCT/CA99/00451)  
[87] 1999-12-09 (WO99/63253)  
[30] US (09/088,893) 1998-06-02

[21] **2,333,354**  
[13] A1

[51] **Int.Cl. 6A22B 3/00**  
[25] EN  
[54] **A METHOD AND EQUIPMENT FOR THE PRODUCTION OF A GAS MIXTURE**  
[54] **PROCEDE ET INSTALLATION DE PRODUCTION DE MELANGE GAZEUX**  
[72] GRIMSLAND, AAGE, NO  
[72] ANDREASEN, BENT KLOSTER, DK  
[71] NORSK HYDRO ASA, NO  
[85] 2000-11-24  
[86] 1999-05-10 (PCT/NO99/00150)  
[87] 1999-12-02 (WO99/60861)  
[30] NO (19982402) 1998-05-27

[21] **2,333,355**  
[13] A1

[51] **Int.Cl. 6A47J 37/04**  
[25] EN  
[54] **STAGED ROTISSERIE**  
[54] **ROTISSOIRE PROGRESSIVE**  
[72] MCCONNELL, JAMES W., US  
[71] MCCONNELL, JAMES W., US  
[85] 2000-11-24  
[86] 1999-05-20 (PCT/US99/11368)  
[87] 1999-12-09 (WO99/62389)  
[30] US (09/092,787) 1998-06-05

[21] **2,333,356**  
[13] A1

[51] **Int.Cl. 6G21G 4/00**  
[25] EN  
[54] **METHOD FOR SEQUENTIAL INJECTION OF LIQUID SAMPLES FOR RADIOISOTOPE SEPARATIONS**  
[54] **PROCEDE D'INJECTION SEQUENTIELLE D'ECHANTILLONS DE LIQUIDE DANS LES SEPARATIONS RADIO-ISOTOPES**  
[72] EGOROV, OLEG B., US  
[72] BRAY, LANE A., US  
[72] GRATE, JAY W., US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 2000-11-24  
[86] 1999-05-26 (PCT/US99/11830)  
[87] 1999-12-02 (WO99/62073)  
[30] US (09/086,623) 1998-05-27

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,333,357</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02C 3/34</b> [25] EN [54] <b>IMPROVED POWER PLANT WITH CARBON DIOXIDE CAPTURE</b> [54] <b>CENTRALE ELECTRIQUE AMELIOREE EQUIPEE D'UN DISPOSITIF DE CAPTURE DU DIOXYDE DE CARBONE</b> [72] GRAFF, OSCAR FREDRIK, NO [72] HOLLAND, AKSEL SIGMUND, NO [72] LAADING, GJERT, NO [72] URSIN, TORD PETER, NO [71] AKER ENGINEERING, NO [85] 2000-11-24 [86] 1999-06-02 (PCT/NO99/00177) [87] 1999-12-09 (WO99/63210) [30] NO (19982504) 1998-06-02</p>	<p style="text-align: right;">[21] <b>2,333,360</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/36</b> [25] EN [54] <b>AUGMENTATION OF MUSCLE CONTRACTILITY BY BIPHASIC STIMULATION</b> [54] <b>AUGMENTATION DE LA CONTRACTILITE DES MUSCLES PAR STIMULATION BIPHASEE</b> [72] MOWER, MORTON M., US [71] MOWER, MORTON M., US [85] 2000-11-24 [86] 1999-05-21 (PCT/US99/11376) [87] 1999-12-02 (WO99/61100) [30] US (09/085,360) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,333,363</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/368</b> [25] EN [54] <b>METHOD ALLOWING CYCLIC PACING WITH AVERAGE RATE JUST ABOVE THE INTRINSIC RATE</b> [54] <b>PROCEDE PERMETTANT UN ENTRAINEMENT ELECTROSYSTOLIQUE CYCLIQUE A UN RYTHME MOYEN LEGEREMENT SUPERIEUR AU RYTHME INTRINSEQUE</b> [72] MOWER, MORTON M., US [71] MOWER, MORTON M., US [85] 2000-11-24 [86] 1999-05-21 (PCT/US99/11375) [87] 1999-12-02 (WO99/61101) [30] US (09/084,571) 1998-05-26</p>
<p style="text-align: right;">[21] <b>2,333,358</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02F 1/00</b> [25] EN [54] <b>MEANS OF ADDRESSING MICROENCAPSULATED DISPLAY MEDIA</b> [54] <b>SYSTEME D'ADRESSAGE DE SUPPORT DE VISUEL ENCAPSULE</b> [72] DRZAIC, PAUL, US [71] E INK CORPORATION, US [85] 2000-11-24 [86] 1999-06-22 (PCT/US99/14010) [87] 1999-12-29 (WO99/67678) [30] US (60/090,222) 1998-06-22 [30] US (60/092,742) 1998-07-14</p>	<p style="text-align: right;">[21] <b>2,333,361</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/00</b> [25] EN [54] <b>COMMUNICATIONS NETWORK</b> [54] <b>RESEAU DE COMMUNICATION</b> [72] BRISCOE, ROBERT JOHN, GB [72] RIZZO, MICHAEL, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 2000-11-24 [86] 1999-06-04 (PCT/GB99/01772) [87] 1999-12-16 (WO99/65184) [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</p>	<p style="text-align: right;">[21] <b>2,333,364</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60G 3/14 6B60G 5/053 6B60G 11/36 6B60G 11/46</b> [25] EN [54] <b>AXLELESS VEHICLE SUSPENSION SYSTEM</b> [54] <b>SYSTEME DE SUSPENSION DE VEHICULE EXEMPT D'ESSIEUX</b> [72] SMITH, E. DALLAS, US [71] DALLAS SMITH CORPORATION, US [85] 2000-11-24 [86] 1999-05-27 (PCT/US99/11652) [87] 1999-12-02 (WO99/61268) [30] US (60/086,899) 1998-05-27 [30] US (09/193,501) 1998-11-17 [30] US (09/318,428) 1999-05-25</p>
<p style="text-align: right;">[21] <b>2,333,359</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10L 3/12</b> [25] EN [54] <b>LIQUEFIED PETROLEUM GAS FUEL FOR COMPRESSION IGNITION ENGINE</b> [54] <b>GAZ DE PETROLE LIQUEFIE POUR MOTEUR A ALLUMAGE PAR COMPRESSION</b> [72] TAMURA, MASAMITSU, JP [72] GOTO, SHINICHI, JP [72] MAMEDA, TAKESHI, JP [72] WAKAO, YOSHITAKA, JP [71] IWATANI INTERNATIONAL CORPORATION, JP [71] TAMURA, MASAMITSU, JP [71] GOTO, SHINICHI, JP [85] 2000-11-24 [86] 1999-05-18 (PCT/JP99/02575) [87] 1999-12-02 (WO99/61564) [30] JP (10/143806) 1998-05-26</p>	<p style="text-align: right;">[21] <b>2,333,362</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/00</b> [25] EN [54] <b>COMMUNICATIONS NETWORK</b> [54] <b>RESEAU DE COMMUNICATION</b> [72] BRISCOE, ROBERT JOHN, GB [72] RIZZO, MICHAEL, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 2000-11-24 [86] 1999-06-04 (PCT/GB99/01765) [87] 1999-12-16 (WO99/65183) [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</p>	<p style="text-align: right;">[21] <b>2,333,365</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G03F 7/038 6G03F 7/031</b> [25] EN [54] <b>PHOTOPOLYMERIZABLE THERMOSETTING RESIN COMPOSITIONS</b> [54] <b>COMPOSITIONS DE RESINE THERMODURCISSABLES ET PHOTOPOLYMERISABLES</b> [72] OHWA, MASAKI, JP [72] KURA, HISATOSHI, JP [72] MATSUMOTO, AKIRA, JP [72] OKA, HIDETAKA, JP [71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH [85] 2000-11-24 [86] 1999-06-18 (PCT/EP99/04234) [87] 2000-01-06 (WO00/00869) [30] EP (98810596.1) 1998-06-26</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,333,366</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 31/22</b> [25] EN [54] <b>HYDRIDE GAS DETECTING TAPE</b> [54] <b>BANDE POUR LA DETECTION DE GAZ HYDRURES</b> [72] MCMAHON, ROBERT, US [72] ZHANG, JINGNIAN, US [71] ZELLWEGER ANALYTICS, INC., US [85] 2000-11-24 [86] 2000-03-24 (PCT/US00/08285) [87] 2000-09-28 (WO00/57171) [30] US (09/276,274) 1999-03-25</p>	<p style="text-align: right;">[21] <b>2,333,369</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B62M 19/00</b> [25] EN [54] <b>HYDRAULIC DRIVE SYSTEM</b> [54] <b>SYSTEME D'ENTRAINEMENT HYDRAULIQUE</b> [72] JACKSON, ERIC, CA [71] APAX VEHICLE DEVELOPMENTS INC., CA [85] 2000-11-24 [86] 1999-05-27 (PCT/CA99/00490) [87] 1999-12-02 (WO99/61306) [30] GB (9811376.4) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,333,371</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 15/08 6G01N 30/56 6G01N 30/60</b> [25] EN [54] <b>SYSTEMS FOR COLUMN-BASED SEPARATIONS, METHODS OF FORMING PACKED COLUMNS, AND METHODS OF PURIFYING SAMPLE COMPONENTS</b> [54] <b>SYSTEMES DE SEPARATIONS A BASE DE COLONNES, PROCEDES DE FORMATIONS DE COLONNES GARNIES ET PROCEDES DE PURIFICATION DE COMPOSANTS D'ECHANTILLONS</b> [72] O'HARA, MATTHEW J., US [72] EGOROV, OLEG B., US [72] GRATE, JAY W., US [72] CHANDLER, DARRELL P., US [72] BRUCKNER-LEA, CYNTHIA J., US [72] BROCKMAN, FRED J., US [71] BATTELLE MEMORIAL INSTITUTE, US [85] 2000-11-24 [86] 1999-05-26 (PCT/US99/11829) [87] 1999-12-02 (WO99/61128) [30] US (09/087,454) 1998-05-27 [30] US (09/318,345) 1999-05-25</p>
<p style="text-align: right;">[21] <b>2,333,367</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02J 3/00</b> [25] EN [54] <b>ENERGY COORDINATION SYSTEM</b> [54] <b>SYSTEME DE COORDINATION D'ENERGIE</b> [72] DAVENPORT, DONALD, US [72] UGGERUD, WARD, US [72] BRAUSE, TOM, US [72] TOLLERSON, BRADLEY, US [72] RADER, MYRON, US [72] HANSON, DALE, US [72] SASSEVILLE, KATHERINE, US [72] LARSON, LAWRENCE, US [72] NESS, WALLACE, US [72] KUGLER, KIRBY, US [71] OTTER TAIL POWER COMPANY, US [85] 2000-11-24 [86] 1999-05-25 (PCT/US99/11892) [87] 1999-12-02 (WO99/62161) [30] US (09/086,122) 1998-05-28</p>	<p style="text-align: right;">[21] <b>2,333,370</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02G 15/105 6H02G 15/08 6H01B 7/28</b> [25] EN [54] <b>CABLE FLUID INJECTION SLEEVE</b> [54] <b>MANCHON D'INJECTION DE FLUIDE DANS DES CABLES</b> [72] CHAU, ALBERT W., US [72] STAGI, WILLIAM R., US [72] GRAVE, BERND, DE [72] LANAN, KEITH, US [72] BERTINI, GLEN J., US [71] UTILX CORPORATION, US [85] 2000-11-24 [86] 1999-05-26 (PCT/US99/11637) [87] 1999-12-02 (WO99/62156) [30] US (09/085,385) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,333,372</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/21 6G06F 17/30</b> [25] EN [54] <b>MULTI-TARGET LINKS FOR NAVIGATING BETWEEN HYPERTEXT DOCUMENTS AND THE LIKE</b> [54] <b>LIENS A PLUSIEURS CIBLES PERMETTANT DE NAVIGUER ENTRE DES DOCUMENTS HYPERTEXTE ET ANALOGUES</b> [72] BATES, CARY LEE, US [72] DAY, PAUL REUBEN, US [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US [85] 2000-11-24 [86] 1999-02-18 (PCT/US99/03460) [87] 2000-04-27 (WO00/23913) [30] US (09/174,952) 1998-10-19</p>
<p style="text-align: right;">[21] <b>2,333,368</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/44</b> [25] EN [54] <b>OPTICAL FIBER RIBBONS CONTAINING RADIATION CURED ENCAPSULATING MATERIALS</b> [54] <b>MATERIAU D'ENCAPSULATION DURCI PAR RAYONNEMENT CONTENANT DES BANDES DE FIBRE OPTIQUE</b> [72] WILSON, DANIEL A., US [72] VAUGHN, PATRICK, US [72] SHUSTACK, PAUL J., US [71] BORDEN CHEMICAL, INC., US [85] 2000-11-24 [86] 2000-03-27 (PCT/US00/08095) [87] 2000-10-12 (WO00/60394) [30] US (60/127,425) 1999-04-01</p>		

## PCT Applications Entering the National Phase

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[21] **2,333,373**  
[13] A1  
[51] **Int.Cl. 7G01S 7/40 7G01S 7/52 7G01S 13/60 7G01S 15/60**  
[25] EN  
[54] **DEVICE AND METHOD FOR CONTACTLESSLY MEASURING SPEED ON SURFACES**  
[54] **DISPOSITIF ET PROCEDE POUR MESURER UNE VITESSE SANS CONTACT SUR DES SURFACES**  
[72] MODL, STEFAN, DE  
[72] WEBER, NORBERT, DE  
[72] SAUERER, JOSEF, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2000-11-24  
[86] 2000-03-27 (PCT/EP00/02682)  
[87] 2000-10-12 (WO00/60372)  
[30] DE (199 14 486.9) 1999-03-30

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[21] **2,333,374**  
[13] A1  
[51] **Int.Cl. 6B62K 5/04 6B62M 19/00**  
[25] EN  
[54] **LIGHTWEIGHT TRANSPORTATION VEHICLE**  
[54] **VEHICULE DE TRANSPORT LEGER**  
[72] JACKSON, ERIC, CA  
[72] RIDLEY, ROBERT, CA  
[71] APAX VEHICLE DEVELOPMENTS INC., CA  
[85] 2000-11-24  
[86] 1999-05-27 (PCT/CA99/00488)  
[87] 1999-12-02 (WO99/61302)  
[30] GB (9811375.6) 1998-05-27  
[30] GB (9811374.9) 1998-05-27

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[21] **2,333,375**  
[13] A1  
[51] **Int.Cl. 7A61K 9/20 7A61K 9/46**  
[25] EN  
[54] **SUBLINGUAL BUCCAL EFFERVESCENT**  
[54] **AGENT EFFERVESCENT BUCCAL SUBLINGUAL**  
[72] ROBINSON, JOSEPH R., US  
[72] HONTZ, JOHN, US  
[72] PATHER, SATHASIVAN INDIRAN, US  
[72] EICHMAN, JONATHAN D., US  
[72] KHANKARI, RAJENDRA K., US  
[71] CIMA LABS INC., US  
[85] 2000-11-24  
[86] 2000-03-22 (PCT/US00/07567)  
[87] 2000-10-05 (WO00/57858)  
[30] US (09/277,424) 1999-03-26  
[30] US (09/327,814) 1999-06-08

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[21] **2,333,376**  
[13] A1  
[51] **Int.Cl. 6B01J 23/89 6C07C 67/055**  
[25] EN  
[54] **VINYL ACETATE CATALYST COMPRISING METALLIC PALLADIUM, COPPER AND GOLD AND PREPARATION THEREOF**  
[54] **CATALYSEUR POUR ACETATE DE VINYLE A BASE DE PALLADIUM, DU CUIVRE ET DE L'OR A L'ETAT METALLIQUE, ET PREPARATION DE CE CATALYSEUR**  
[72] WANG, TAO, US  
[71] CELANESE INTERNATIONAL CORPORATION, US  
[85] 2000-11-24  
[86] 1999-05-24 (PCT/US99/11395)  
[87] 1999-12-09 (WO99/62634)  
[30] US (09/088,980) 1998-06-02

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[21] **2,333,377**  
[13] A1  
[51] **Int.Cl. 6C22B 1/00 6B03D 1/01 6B03D 1/018 6B03D 1/02 6C07C 259/06**  
[25] EN  
[54] **MINERAL COLLECTOR COMPOSITIONS COMPOSITIONS AND PROCESSES**  
[54] **COMPOSITIONS COLLECTRICES DE MINERAUX A BASE D'ACIDE HYDROXAMIQUE GRAS MELANGE A UNE HUILE ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] MAGLIOCCO, LINO GIOVANNI, US  
[72] ROTHENBERG, ALAN S., US  
[71] CYTEC TECHNOLOGY CORP., US  
[85] 2000-11-24  
[86] 1999-04-13 (PCT/US99/08075)  
[87] 1999-12-02 (WO99/61669)  
[30] US (09/085,364) 1998-05-27

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[21] **2,333,379**  
[13] A1  
[51] **Int.Cl. 6A61L 27/00 6C08G 63/08**  
[25] EN  
[54] **LACTIDE-CONTAINING POLYMER AND MEDICAL MATERIAL**  
[54] **POLYMERE CONTENANT DU LACTIDE ET MATERIAU MEDICAL**  
[72] SHIMAMOTO, TAKESHI, JP  
[72] KAGAWA, HIDEJI, JP  
[71] GUNZE LIMITED, JP  
[85] 2000-11-24  
[86] 1999-05-25 (PCT/JP99/02733)  
[87] 1999-12-02 (WO99/61082)  
[30] JP (10/147841) 1998-05-28

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[21] **2,333,380**  
[13] A1  
[51] **Int.Cl. 6A01N 43/04 6C07G 3/00 6C07H 1/00 6C07H 19/00 6C07H 19/04 6C07H 19/20**  
[25] EN  
[54] **NOVEL NUCLEOSIDES HAVING BICYCLIC SUGAR MOIETY**  
[54] **NOUVEAUX NUCLEOSIDES COMPORTANT UNE FRACTION SUCRE BICYCLIQUE**  
[72] WANG, GUANGYI, US  
[71] ICN PHARMACEUTICALS, INC., US  
[85] 2000-11-24  
[86] 1999-05-24 (PCT/US99/11442)  
[87] 1999-12-02 (WO99/60855)  
[30] US (60/086,719) 1998-05-26

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[21] **2,333,381**  
[13] A1  
[51] **Int.Cl. 6G06F 17/30 6G06F 15/00 6G06F 19/00**  
[25] EN  
[54] **DATA PROCESSING SYSTEM AND METHOD FOR ORGANIZING, ANALYZING, RECORDING, STORING AND REPORTING RESEARCH RESULTS**  
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE DONNEES PERMETTANT D'ORGANISER, D'ENREGISTRER, DE STOCKER ET DE COMMUNIQUER DES RESULTATS DE RECHERCHE**  
[72] MIELENHAUSEN, THOMAS C., US  
[71] MIELENHAUSEN, THOMAS C., US  
[85] 2000-11-24  
[86] 1999-05-25 (PCT/US99/11494)  
[87] 1999-12-02 (WO99/62005)  
[30] US (09/085,998) 1998-05-27

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[21] **2,333,382**  
[13] A1  
[51] **Int.Cl. 6A61F 5/41**  
[25] EN  
[54] **PENILE ENLARGEMENT DEVICE**  
[54] **DISPOSITIF POUR AGRANDIR LE PENIS**  
[72] NAGHAR, MONSHI, GB  
[71] NAGHAR, MONSHI, GB  
[85] 2000-11-24  
[86] 1999-05-28 (PCT/GB99/01702)  
[87] 1999-10-28 (WO99/53872)  
[30] GB (9811946.4) 1998-06-03

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[21] **2,333,383**  
[13] A1

[51] **Int.Cl. 7C08B 30/12 7C08B 37/00 7A23L 1/308**  
[25] EN  
[54] **.ALPHA.-AMYLASE RESISTANT POLYSACCHARIDES, PRODUCTION METHOD AND USE THEREOF AND FOOD PRODUCTS CONTAINING SAID POLYSACCHARIDES**  
[54] **GLUCIDES RESISTANTS A L'ALPHA-AMYLASE, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION, ET PRODUITS ALIMENTAIRES LES CONTENANT**  
[72] JACOBASCH, GISELA, DE  
[72] QUANZ, MARTIN, DE  
[72] BENGS, HOLGER, DE  
[72] BAUERLEIN, MICHAEL, DE  
[72] SCHMIEDL, DETLEF, DE  
[72] PROVART, NICHOLAS, DE  
[72] RIESMEIER, JORG, DE  
[71] AXIVA GMBH, DE  
[85] 2000-11-24  
[86] 1999-06-15 (PCT/EP99/04129)  
[87] 2000-01-20 (WO00/02926)  
[30] DE (198 30 618.0) 1998-07-09

[21] **2,333,384**  
[13] A1

[51] **Int.Cl. 6A01N 43/12 6A01N 43/36 6A01N 43/40**  
[25] EN  
[54] **METHODS FOR REDUCING LEVELS OF HOMOCYSTEINE AND C-REACTIVE PROTEIN**  
[54] **PROCEDES DE REDUCTION DES TAUX D'HOMOCYSTEINE ET DE PROTEINE C REACTIVE**  
[72] ANDERSON, PAMELA WANG, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-11-24  
[86] 1999-06-04 (PCT/US99/12604)  
[87] 1999-12-23 (WO99/65306)  
[30] US (60/089,601) 1998-06-17

[21] **2,333,385**  
[13] A1

[51] **Int.Cl. 6H04J 1/16 6H04Q 11/02 6H04L 12/28**  
[25] EN  
[54] **SYSTEM, DEVICE, AND METHOD FOR REGISTRATION IN A COMMUNICATION NETWORK**  
[54] **SYSTEME, DISPOSITIF ET PROCEDE D'ENREGISTREMENT DANS UN RESEAU DE COMMUNICATIONS**  
[72] PETERS, JAMES F., US  
[71] MOTOROLA, INC., US  
[85] 2000-11-24  
[86] 1999-03-19 (PCT/US99/06169)  
[87] 1999-12-09 (WO99/63690)  
[30] US (09/087,342) 1998-05-29

[21] **2,333,386**  
[13] A1

[51] **Int.Cl. 6H03M 13/00**  
[25] EN  
[54] **CIRCUIT AND METHOD FOR RAPID CHECKING OF ERROR CORRECTION CODES USING CYCLIC REDUNDANCY CHECK**  
[54] **CIRCUIT ET PROCEDE DE VERIFICATION RAPIDE DES CODES DE CORRECTION D'ERREUR PAR CONTROLE DE REDONDANCE CYCLIQUE**  
[72] SZE, HUNG Y., US  
[71] QLOGIC CORPORATION, US  
[85] 2000-11-24  
[86] 1999-05-27 (PCT/US99/11819)  
[87] 1999-12-02 (WO99/62182)  
[30] US (09/085,765) 1998-05-27

[21] **2,333,387**  
[13] A1

[51] **Int.Cl. 6E02F 9/28**  
[25] EN  
[54] **DEVICE FOR THE COUPLING OF EXCAVATOR TEETH**  
[54] **DISPOSITIF POUR L'ACCOUPEMENT DE DENTS D'EXCAVATEUR**  
[72] LOPEZ ALMENDROS, JOSE, ES  
[72] SANCHEZ GUIASADO, FERMIN, ES  
[72] PALLAS MORENO, JORGE, ES  
[72] PUEYO MOLINA, JAVIER, ES  
[71] METALOGENIA, S.A., ES  
[85] 2000-11-24  
[86] 1999-06-03 (PCT/ES99/00160)  
[87] 1999-12-16 (WO99/64686)  
[30] ES (P 9801257) 1998-06-08

[21] **2,333,388**  
[13] A1

[51] **Int.Cl. 7C11D 17/00 7C11D 3/39**  
[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] 2000-11-24  
[86] 1999-07-09 (PCT/US99/14861)  
[87] 2000-01-27 (WO00/04123)  
[30] GB (9815525.2) 1998-07-17  
[30] GB (9911217.9) 1999-05-17

[21] **2,333,389**  
[13] A1

[51] **Int.Cl. 7A61F 7/00 7A47C 21/04 7A61G 7/057**  
[25] EN  
[54] **INFLATABLE THERMAL PAD WITH DRAINAGE**  
[54] **COUSSIN THERMIQUE GONFLABLE COMPORTANT UN SYSTEME D'EVACUATION**  
[72] AUGUSTINE, SCOTT D., US  
[72] ANDERSON, THOMAS P., US  
[71] AUGUSTINE MEDICAL, INC., US  
[85] 2000-11-24  
[86] 1999-06-08 (PCT/US99/12622)  
[87] 2000-02-03 (WO00/04853)  
[30] US (09/120,083) 1998-07-21

[21] **2,333,390**  
[13] A1

[51] **Int.Cl. 6A46B 3/12 6A46B 7/04**  
[25] EN  
[54] **PAINT BRUSH WITH HINGED INVERTED BRISTLE CLAMPING PANEL, REMOVABLE BRISTLE PACK AND PANEL HINGE YIELD MEMBER**  
[54] **BROSSE A PEINTURE MUNIE D'UN PANNEAU DE SERRAGE DE POILS INVERSE A CHARNIERE, D'UNE CARTOUCHE DE POILS AMOVIBLE ET D'UN ELEMENT DE DEGAGEMENT DE LA CHARNIERE DU PANNEAU**  
[72] DOUGLAS, TERRY R., CA  
[72] KRGOVICH, MILAN, CA  
[71] KWICK CLEAN AND GREEN LTD., CA  
[85] 2000-11-24  
[86] 1999-05-28 (PCT/CA99/00496)  
[87] 1999-12-09 (WO99/62369)  
[30] US (09/088,178) 1998-06-01



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[21] **2,333,391**  
[13] A1

[51] **Int.Cl. 6G01N 21/55 6G01N 13/00 6G01N 21/03 6G01N 21/43**  
[25] EN  
[54] **FLOW-THROUGH SHEAR ANALYZER FOR BIOLOGICALLY ACTIVE MOLECULES IN LIQUID LAYERS ON SURFACES**  
[54] **ANALYSEUR DE CISAILLEMENT DE FLUX PASSANT POUR MOLECULES BIOLOGIQUEMENT ACTIVES SE TROUVANT DANS DES COUCHES DE LIQUIDE SUR DES SURFACES**  
[72] ZUMBRINK, THOMAS, DE  
[72] JENNISSEN, HERBERT PETER, DE  
[71] JENNISSEN, HERBERT PETER, DE  
[85] 2000-11-24  
[86] 1999-05-25 (PCT/DE99/01529)  
[87] 1999-12-02 (WO99/61896)  
[30] DE (198 23 301.9) 1998-05-25

[21] **2,333,392**  
[13] A1

[51] **Int.Cl. 6C07D 239/94 6A61K 31/505 6C07D 239/74 6C07D 239/88**  
[25] EN  
[54] **QUINAZOLINES FOR TREATING BRAIN TUMOR**  
[54] **UTILISATION DES QUINAZOLINES POUR LE TRAITEMENT DE TUMEURS CEREBRALES**  
[72] LIU, XING-PING, US  
[72] UCKUN, FATIH M., US  
[72] NARLA, RAMA K., US  
[71] PARKER HUGHES INSTITUTE, US  
[85] 2000-11-24  
[86] 1999-05-28 (PCT/US99/11767)  
[87] 1999-12-02 (WO99/61428)  
[30] US (09/087,479) 1998-05-29

[21] **2,333,393**  
[13] A1

[51] **Int.Cl. 6A61B 19/00**  
[25] EN  
[54] **INTERACTIVE COMPUTER-ASSISTED SURGICAL SYSTEM AND METHOD THEREOF**  
[54] **SYSTEME CHIRURGICAL INTERACTIF ASSISTE PAR ORDINATEUR ET SON PROCEDE**  
[72] HAMEL, GENEVIEVE, CA  
[72] BROUSSEAU, ERIC, CA  
[72] BOIVIN, MICHEL, CA  
[71] ORTHOSOFT INC., CA  
[85] 2000-11-24  
[86] 1999-05-27 (PCT/CA99/00495)  
[87] 1999-12-02 (WO99/60939)  
[30] US (60/087,089) 1998-05-28  
[30] US (60/087,091) 1998-05-28

[21] **2,333,394**  
[13] A1

[51] **Int.Cl. 6A61N 1/30**  
[25] EN  
[54] **FLOW-THROUGH ELECTROPORATION SYSTEM FOR EX VIVO GENE THERAPY**  
[54] **TECHNIQUE D'ELECTROPORATION A FLUX TRAVERSANT POUR THERAPIE GENIQUE EX VIVO**  
[72] RABUSSAY, DIETMAR, US  
[72] HOFMANN, GUNTER A., US  
[71] GENETRONICS, INC., US  
[85] 2000-11-24  
[86] 1999-06-01 (PCT/US99/12136)  
[87] 1999-12-09 (WO99/62592)  
[30] US (09/090,471) 1998-06-03

[21] **2,333,395**  
[13] A1

[51] **Int.Cl. 6G06F 17/00 6E05B 75/00 6G07F 11/00 6B65D 83/04**  
[25] EN  
[54] **AUTOMATED PHARMACEUTICAL MANAGEMENT AND DISPENSING SYSTEM**  
[54] **SYSTEME AUTOMATISE DE GESTION ET DE DISTRIBUTION PHARMACEUTIQUE**  
[72] AHLIN, ARNOLD C. (deceased), US  
[72] SMITH, MICHAEL F., US  
[72] WILSON, JOHN R., US  
[72] WILSON, RONALD H., US  
[71] NEXTRX CORPORATION, US  
[85] 2000-11-24  
[86] 1999-05-26 (PCT/US99/11631)  
[87] 1999-12-02 (WO99/61324)  
[30] US (09/085,968) 1998-05-27

[21] **2,333,396**  
[13] A1

[51] **Int.Cl. 7G02B 6/38**  
[25] EN  
[54] **FIBER OPTIC TERMINUS AND MANUFACTURING METHOD THEREFOR**  
[54] **BORNIER DE FIBRE OPTIQUE ET SON PROCEDE DE FABRICATION**  
[72] ALSTON, JAMES A., US  
[72] ROHLOFF, ROBERT H., US  
[72] ROWLAND, MARK W., US  
[72] MARCHITTO, LOUIS M., US  
[71] SIKORSKY AIRCRAFT CORPORATION, US  
[85] 2000-11-24  
[86] 1999-06-21 (PCT/US99/13920)  
[87] 2000-02-10 (WO00/07050)  
[30] US (09/126,515) 1998-07-30

[21] **2,333,397**  
[13] A1

[51] **Int.Cl. 7B01D 47/06**  
[25] EN  
[54] **IMPROVED METHOD AND SYSTEM FOR COLLECTING AND HANDLING DUST IN A PAPER MACHINE ENVIRONMENT**  
[54] **PROCEDE ET SYSTEME AMELIORE DE COLLECTE ET DE MANIPULATION DE LA POUSSIERE DANS UN ENVIRONNEMENT DE MACHINE A PAPIER**  
[72] COURTNEY, KEVIN, US  
[72] PONKA, PHILIP, US  
[72] WICKLUND, PETER KEVIN, US  
[72] KLYMENKO, JERRY, US  
[71] VALMET, INC., US  
[85] 2000-11-24  
[86] 2000-04-06 (PCT/US00/09342)  
[87] 2000-10-19 (WO00/61264)  
[30] US (09/289,411) 1999-04-09

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[21] **2,333,398**  
[13] A1  
[51] **Int.Cl. 6B32B 27/06 6B42D 15/00 6B42D 15/10**  
[25] EN  
[54] **IMPROVEMENTS IN SECURITY DOCUMENTS AND SUBSTRATES THEREFOR**  
[54] **AMELIORATION DE DOCUMENTS DE SECURITE ET SUBSTRATS AFFERENTS**  
[72] AMES, CHRISTOPHER JOHN, GB  
[72] THOMAS, DAVID WILLIAM, GB  
[71] DE LA RUE INTERNATIONAL LIMITED, GB  
[85] 2000-11-24  
[86] 1999-06-15 (PCT/GB99/01895)  
[87] 1999-12-29 (WO99/67092)  
[30] GB (9813779.7) 1998-06-25

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[21] **2,333,399**  
[13] A1  
[51] **Int.Cl. 7C08L 83/04 7C08L 101/00 7C08K 5/10 7C08G 59/40 7C08K 5/541**  
[25] EN  
[54] **TWO-PACK TYPE CURABLE COMPOSITION AND HARDENER THEREFOR**  
[54] **COMPOSITION DURCISSABLE A DEUX COMPOSANTS ET DURCISSEUR ASSOCIE**  
[72] KAWAKUBO, FUMIO, JP  
[72] FUKUNAGA, ATSUSHI, JP  
[72] MASAOKA, YOSHITERU, JP  
[72] ANDO, HIROSHI, JP  
[71] KANEKA CORPORATION, JP  
[85] 2000-11-24  
[86] 2000-03-22 (PCT/JP00/01750)  
[87] 2000-09-28 (WO00/56817)  
[30] JP (11-079533) 1999-03-24

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[21] **2,333,400**  
[13] A1  
[51] **Int.Cl. 7H01M 4/32 7H01M 4/24 7H01M 4/38**  
[25] EN  
[54] **ELECTROCHEMICAL CELL HAVING REDUCED CELL PRESSURE**  
[54] **PILE ELECTROCHIMIQUE A PRESSION DE PILE REDUITE**  
[72] STREBE, JAMES L., US  
[72] ALADJOV, BOYKO, US  
[72] VENKATESAN, SRINIVASAN, US  
[72] OVSHINSKY, STANFORD R., US  
[72] FOK, KEVIN, US  
[72] HOPPER, THOMAS J., US  
[71] OVONIC BATTERY COMPANY, INC., US  
[85] 2000-11-24  
[86] 2000-04-12 (PCT/US00/09836)  
[87] 2000-10-19 (WO00/62360)  
[30] US (09/291,927) 1999-04-14

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[21] **2,333,401**  
[13] A1  
[51] **Int.Cl. 6A61K 7/06**  
[25] EN  
[54] **REDUCTION OF HAIR GROWTH USING INHIBITORS OF MATRIX METALLOPROTEINASES**  
[54] **REDUCTION DE LA CROISSANCE DES CHEVEUX A L'AIDE D'INHIBITEURS DE METALLOPROTEINASES MATRICIELLES**  
[72] SHANDER, DOUGLAS, US  
[72] AHLUWALIA, GURPREET S., US  
[72] STYCZYNSKI, PETER, US  
[71] THE GILLETTE COMPANY, US  
[85] 2000-11-24  
[86] 1998-06-01 (PCT/US98/11083)  
[87] 1999-12-09 (WO99/62465)

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[21] **2,333,402**  
[13] A1  
[51] **Int.Cl. 6G06F 17/27**  
[25] EN  
[54] **SPELLING AND GRAMMAR CHECKING SYSTEM**  
[54] **SYSTEME DE VERIFICATION ORTHOGRAPHIQUE ET GRAMMATICALE**  
[72] ROCHE, EMMANUEL, US  
[72] SCHABES, YVES, US  
[71] TERAGRAM CORPORATION, US  
[85] 2000-11-24  
[86] 1999-05-26 (PCT/US99/11713)  
[87] 1999-12-02 (WO99/62000)  
[30] US (09/084,535) 1998-05-26

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[21] **2,333,403**  
[13] A1  
[51] **Int.Cl. 6H01P 5/00**  
[25] EN  
[54] **WIDEBAND RF PORT STRUCTURE USING COPLANAR WAVEGUIDE AND BGA I/O**  
[54] **STRUCTURE DE PORT HF A LARGE BANDE COMPRENANT UN GUIDE D'ONDES COPLANAIRE ET UNE E/S DE TYPE BGA**  
[72] DOURIET, DANIEL F., US  
[71] CIRCUIT COMPONENTS INCORPORATED, US  
[85] 2000-11-24  
[86] 1999-05-13 (PCT/US99/10437)  
[87] 1999-12-02 (WO99/62135)  
[30] US (09/084,564) 1998-05-26

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[21] **2,333,404**  
[13] A1  
[51] **Int.Cl. 6C08K 3/32 6C08L 77/00 6C08K 5/51**  
[25] EN  
[54] **NUCLEATION OF POLYAMIDES IN THE PRESENCE OF HYPOPHOSPHITE**  
[54] **NUCLEATION DE POLYAMIDES EN PRESENCE D'HYPOPHOSPHITE**  
[72] LYSEK, BRUCE A., US  
[72] ABLES, RICKEY W., US  
[71] SOLUTIA, INC., US  
[85] 2000-11-24  
[86] 1999-05-26 (PCT/US99/11610)  
[87] 1999-12-02 (WO99/61522)  
[30] US (60/087,232) 1998-05-29

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[21] **2,333,405**  
[13] A1  
[51] **Int.Cl. 6A61K 9/107 6A61K 9/00 6A61K 9/06**  
[25] EN  
[54] **SPILL RESISTANT PHARMACEUTICAL COMPOSITIONS**  
[54] **PHARMACEUTIQUES NE RISQUANT PAS DE S'ECOULER ACCIDENTELLEMENT**  
[72] MOROS, DAN, US  
[72] MEHTA, RAKESH, US  
[71] TARO PHARMACEUTICAL INDUSTRIES LTD., IL  
[85] 2000-11-24  
[86] 1999-06-03 (PCT/US99/12155)  
[87] 1999-12-09 (WO99/62498)  
[30] US (09/089,360) 1998-06-03

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<p style="text-align: right;">[21] <b>2,333,406</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 6/00</b> [25] EN [54] <b>METHOD OF DETECTING CANCEROUS LESIONS</b> [54] <b>PROCEDE POUR DETECTER DES LESIONS CANCEREUSES</b> [72] ANBAR, MICHAEL, US [71] OMNICORDER TECHNOLOGIES, INC., US [85] 2000-11-24 [86] 1999-04-22 (PCT/US99/08853) [87] 2000-10-22 ()</p>	<p style="text-align: right;">[21] <b>2,333,411</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/24</b> [25] EN [54] <b>POLYMER VALVE LEAFLETS WITH MOLDED FREE EDGES</b> [54] <b>VALVES EN POLYMERE DE VALVULE AVEC BORDS LIBRES MOULES</b> [72] SARNOWSKI, EDWARD J., US [72] MOE, RIYAD, US [72] CAMPBELL, LOUIS A., US [71] SULZER CARBOMEDICS INC., US [85] 2000-11-24 [86] 1999-10-13 (PCT/US99/23632) [87] 2000-04-20 (WO00/21469) [30] US (09/170,925) 1998-10-13</p>	<p style="text-align: right;">[21] <b>2,333,414</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 19/08 6G06K 19/06 6G11B 7/24</b> [25] EN [54] <b>DIGITAL DATA CARRIER</b> [54] <b>SUPPORT DE DONNEES NUMERIQUE</b> [72] OTTERSTEIN, KARL, DE [72] KALIN, MARCO, CH [71] ADIVAN HIGH TECH LTD., BM [85] 2000-11-24 [86] 1999-05-29 (PCT/DE99/01582) [87] 1999-12-02 (WO99/62029) [30] DE (198 24 059.7) 1998-05-29 [30] CH (2402/98) 1998-12-03</p>
<p style="text-align: right;">[21] <b>2,333,409</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/24</b> [25] EN [54] <b>SEPARABLE ANNULOPLASTY RING</b> [54] <b>ANNEAU POUR ANNULOPLASTIE SEPARABLE</b> [72] CAMPBELL, LOUIS A., US [71] SULZER CARBOMEDICS INC., US [85] 2000-11-24 [86] 1999-10-14 (PCT/US99/24241) [87] 2000-04-27 (WO00/23007) [30] US (09/174,386) 1998-10-16</p>	<p style="text-align: right;">[21] <b>2,333,412</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 10/18 6G02B 6/28</b> [25] EN [54] <b>BIDIRECTIONAL DISPERSION COMPENSATION SYSTEM</b> [54] <b>SYSTEME BIDIRECTIONNEL DE COMPENSATION DE LA DISPERSION</b> [72] ROBINSON, ANDREW NIALL, US [71] MCI WORLDCOM, INC., US [85] 2000-11-24 [86] 1999-05-13 (PCT/US99/10570) [87] 1999-12-02 (WO99/62202) [30] US (09/085,368) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,333,415</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C04B 20/04 7C04B 5/00</b> [25] EN [54] <b>METHOD FOR IMPROVING GRINDABILITY OF CEMENT AGGREGATES</b> [54] <b>PROCEDE POUR AMELIORER L'APTITUDE AU BROYAGE D'ADDITIFS POUR CIMENT</b> [72] GOSSNITZER, ANDREAS, CH [71] "HOLDERBANK" FINANCIERE GLARUS AG, CH [85] 2000-11-24 [86] 2000-04-14 (PCT/AT00/00089) [87] 2000-10-26 (WO00/63133) [30] AT (GM 250/99) 1999-04-15</p>
<p style="text-align: right;">[21] <b>2,333,410</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/24</b> [25] EN [54] <b>ELASTIC VALVE WITH PARTIALLY EXPOSED STENT</b> [54] <b>VALVULE ELASTIQUE A PROTHESE ENDOVASCULAIRE PARTIELLEMENT EXPOSEE</b> [72] CAMPBELL, LOUIS A., US [72] MOE, RIYAD, US [71] SULZER CARBOMEDICS INC., US [85] 2000-11-24 [86] 1999-10-14 (PCT/US99/23970) [87] 2000-04-27 (WO00/23006) [30] US (09/174,387) 1998-10-16</p>	<p style="text-align: right;">[21] <b>2,333,413</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C25B 9/00 6C25B 11/00 6C25B 13/00</b> [25] EN [54] <b>FILTER PRESS ELECTROLYZER</b> [54] <b>ELECTROLYSEUR FILTRE-PRESSE</b> [72] JACKSON, JOHN R., US [72] ULLMANN, MARK, US [71] HURON TECH CORP., US [85] 2000-11-24 [86] 1999-05-26 (PCT/US99/11590) [87] 1999-12-09 (WO99/63131) [30] US (09/088,566) 1998-06-01</p>	<p style="text-align: right;">[21] <b>2,333,416</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 7/02 7H04H 1/00</b> [25] EN [54] <b>METHOD OF SELECTING SYNCHRONIZATION PATTERN FROM A TEST SIGNAL</b> [54] <b>PROCEDE PERMETTANT DE SELECTIONNER UN MOTIF DE SYNCHRONISATION A PARTIR D'UN SIGNAL D'ESSAI</b> [72] TIMUS, BOGDAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-24 [86] 1999-06-02 (PCT/SE99/00951) [87] 1999-12-16 (WO99/65182) [30] SE (9802022-5) 1998-06-08</p>

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[21] **2,333,417**  
[13] A1

[51] **Int.Cl. 6B32B 27/06 6B42D 15/00 6B42D 15/10 6B32B 5/18**  
[25] EN  
[54] **IMPROVEMENTS IN SECURITY DOCUMENTS AND SUBSTRATES THEREFOR**  
[54] **AMELIORATIONS APORTEES A DES DOCUMENTS DE SECURITE ET SUBSTRATS PREVUS A CET EFFET**  
[72] AMES, CHRISTOPHER JOHN, GB  
[71] DE LA RUE INTERNATIONAL LIMITED, GB  
[85] 2000-11-24  
[86] 1999-06-24 (PCT/GB99/01987)  
[87] 1999-12-29 (WO99/67093)  
[30] GB (9813783.9) 1998-06-25

[21] **2,333,418**  
[13] A1

[51] **Int.Cl. 6H01M 2/00**  
[25] EN  
[54] **IRON ALUMINIDE ALLOY CONTAINER FOR SOLID OXIDE FUEL CELLS**  
[54] **CONTENEUR EN ALLIAGE D'ALUMINIDE FERRIQUE POUR ELEMENTS DE PILES A COMBUSTIBLE A OXYDE SOLIDE**  
[72] SINGH, PRABHAKAR, US  
[72] JUDKINS, RODDIE REAGAN, US  
[72] SIKKA, VINOD KUMAR, US  
[71] SIEMENS WESTINGHOUSE POWER CORPORATION, US  
[71] LOCKHEED MARTIN ENERGY RESEARCH CORPORATION, US  
[85] 2000-11-24  
[86] 1999-05-26 (PCT/US99/11409)  
[87] 1999-12-02 (WO99/62129)  
[30] US (09/084,145) 1998-05-26

[21] **2,333,419**  
[13] A1

[51] **Int.Cl. 6E04G 23/02**  
[25] EN  
[54] **METHOD FOR REPAIRING AND REINFORCING EXISTING CONCRETE STRUCTURE AND RESIN**  
[54] **PROCEDE POUR REPARER ET RENFORCER UNE STRUCTURE EXISTANTE EN BETON ET RESINE CONCUE A CET EFFET**  
[72] SANO, TOMOO, JP  
[72] TAKASU, MIKIO, JP  
[72] FURUKAWA, TAKUYA, JP  
[72] SUZUMURA, YASUSHI, JP  
[72] HAYASHI, SHIGETSUGU, JP  
[72] SUGIMORI, MASAHIRO, JP  
[71] MITSUBISHI RAYON CO., LTD., JP  
[85] 2000-11-24  
[86] 1999-05-26 (PCT/JP99/02756)  
[87] 1999-12-02 (WO99/61725)  
[30] JP (10/144249) 1998-05-26

[21] **2,333,420**  
[13] A1

[51] **Int.Cl. 6A61F 13/00 6A61K 31/215 6A61K 9/70 6A61K 35/78**  
[25] EN  
[54] **SILK CLOTHES FOR PROTECTING AFFECTED PARTS**  
[54] **TISSUS EN SOIE DESTINES A LA PROTECTION DE PARTIES LESEES**  
[72] TSUCHIDA, YUZO, JP  
[71] TSUCHIDA, YUZO, JP  
[85] 2000-11-24  
[86] 1999-06-01 (PCT/JP99/02905)  
[87] 1999-12-09 (WO99/62444)  
[30] JP (10/154188) 1998-06-03  
[30] JP (11/39112) 1999-02-17

[21] **2,333,421**  
[13] A1

[51] **Int.Cl. 6H04J 14/08 6H04L 7/00 6H04L 7/033**  
[25] EN  
[54] **METHOD AND APPARATUS FOR BIT SYNCHRONIZATION IN OPTICAL COMMUNICATION AND NETWORKING SYSTEMS**  
[54] **PROCEDE ET APPAREIL DE SYNCHRONISATION BINAIRE DANS DES SYSTEMES OPTIQUES DE RESEAU ET DE COMMUNICATION**  
[72] DAVIDSON, HOWARD L., US  
[71] SUN MICROSYSTEMS, INC., US  
[85] 2000-11-24  
[86] 1999-05-28 (PCT/US99/11894)  
[87] 2000-01-13 (WO00/02334)  
[30] US (09/082,885) 1998-05-31

[21] **2,333,422**  
[13] A1

[51] **Int.Cl. 7A47C 1/121 7A47C 7/56**  
[25] FR  
[54] **SIEGE A ASSISE BASCULANTE**  
[54] **SEAT WITH TILTING SEATING SURFACE**  
[72] VALLEE, BERNARD, FR  
[71] DELAGRAVE S.A., FR  
[85] 2000-11-16  
[86] 2000-03-10 (PCT/FR00/00588)  
[87] 2000-09-21 (WO00/54629)  
[30] FR (99/03282) 1999-03-17

[21] **2,333,423**  
[13] A1

[51] **Int.Cl. 6A47K 10/36**  
[25] FR  
[54] **DISPOSITIF D'INTRODUCTION D'UNE BANDE DE MATERIAU DANS UN APPAREIL DISTRIBUTEUR DE MATERIAUX D'ESSUYAGE**  
[54] **DEVICE FOR INSERTING A MATERIAL STRIP IN A WIPING MATERIAL DISPENSING APPARATUS**  
[72] GRANGER, MAURICE, FR  
[71] GRANGER, MAURICE, FR  
[85] 2000-11-17  
[86] 1999-04-12 (PCT/FR99/00842)  
[87] 1999-12-02 (WO99/60908)  
[30] FR (98/06874) 1998-05-27

[21] **2,333,424**  
[13] A1

[51] **Int.Cl. 6A23C 19/09**  
[25] FR  
[54] **PRODUIT COMPOSITE A BASE DE FROMAGE ET PROCEDE DE FABRICATION**  
[54] **COMPOSITE PRODUCT BASED ON CHEESE AND METHOD FOR MAKING SAME**  
[72] FONTENILLE, HELENE, FR  
[71] FROMAGERIES BEL, FR  
[85] 2000-11-17  
[86] 1999-05-11 (PCT/FR99/01122)  
[87] 1999-11-25 (WO99/59420)  
[30] FR (98/06256) 1998-05-18

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<p style="text-align: right;">[21] <b>2,333,425</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63F 3/00</b> [25] FR [54] <b>JEU DE STRATEGIE</b> [54] <b>STRATEGY GAME</b> [72] FONDIN, GILLES, FR [72] GUILLOT, CYRILLE, CN [71] FONDIN, GILLES, FR [71] GUILLOT, CYRILLE, CN [85] 2000-11-20 [86] 1999-12-27 (PCT/FR99/03293) [87] 2000-07-06 (WO00/38804) [30] FR (98/16697) 1998-12-29</p>	<p style="text-align: right;">[21] <b>2,333,428</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47K 10/36</b> [25] FR [54] <b>APPAREIL DISTRIBUTEUR DE MATERIAUX D'ESSUYAGE ET PAPIER TOILETTE A FONCTIONNEMENT AUTOMATIQUE OU SEMI AUTOMATIQUE</b> [54] <b>WIPING MATERIAL AND TOILET PAPER DISPENSING APPARATUS WITH AUTOMATIC OR SEMIAUTOMATIC FUNCTIONING</b> [72] GRANGER, MAURICE, FR [71] GRANGER, MAURICE, FR [85] 2000-11-21 [86] 1999-04-09 (PCT/FR99/00815) [87] 1999-12-02 (WO99/60907) [30] FR (98/06928) 1998-05-28</p>	<p style="text-align: right;">[21] <b>2,333,430</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47J 39/00</b> [25] FR [54] <b>SYSTEME PORTABLE ET AUTONOME POUR LE MAINTIEN FRAIS ET LE RECHAUFFAGE DE REPAS PREPARE, CONSTITUE D'UN PLATEAU, D'UN COUVERCLE ET D'UN MODULE REFRIGERANT</b> [54] <b>PORTABLE AND SELF-CONTAINED SYSTEM FOR MAINTAINING PREPARED MEAL FRESH AND HEATING IT, CONSISTING OF A TRAY, A LID AND A REFRIGERATING MODULE</b> [72] LALIGANT, PASCAL, FR [72] SIMERAY, JANICK, FR [72] LE BLEVENNEC, PIERRE, FR [71] BIOTRONICS S.A., FR [85] 2000-11-23 [86] 1999-06-03 (PCT/FR99/01311) [87] 1999-12-09 (WO99/62390) [30] FR (98/07034) 1998-06-04</p>
<p style="text-align: right;">[21] <b>2,333,426</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 23/06 6B01D 53/56 6B01D 53/94</b> [25] FR [54] <b>ALUMINATE DE ZINC A SURFACE SPECIFIQUE ELEVEE, SON PROCEDE DE PREPARATION ET SON UTILISATION DANS LE TRAITEMENT DE GAZ D'ECHAPPEMENT D'AUTOMOBILE</b> [54] <b>ZINC ALUMINATE WITH HIGH SPECIFIC SURFACE AREA, PREPARATION METHOD AND USE FOR TREATING MOTOR VEHICLE EXHAUST GASES</b> [72] SEGUELONG, THIERRY, FR [72] HEDOUIN, CATHERINE, FR [71] RHODIA CHIMIE, FR [85] 2000-11-21 [86] 1999-05-21 (PCT/FR99/01210) [87] 1999-12-02 (WO99/61150) [30] FR (98/06610) 1998-05-26</p>	<p style="text-align: right;">[21] <b>2,333,429</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F27B 9/06 7F23D 14/18</b> [25] FR [54] <b>EQUIPEMENT DE CHAUFFAGE PAR EMISSION SURFACIQUE D'UN RAYONNEMENT INFRAROUGE, DU TYPE TUNNEL</b> [54] <b>TUNNEL TYPE HEATING EQUIPMENT FOR SURFACE TRANSMISSION OF INFRARED RADIATION</b> [72] CHARMES, MICHEL, FR [72] ROGEMOND, ERIC, FR [71] SUNKISS, FR [85] 2000-11-22 [86] 2000-02-23 (PCT/FR00/00453) [87] 2000-10-05 (WO00/58678) [30] FR (99/03904) 1999-03-25</p>	<p style="text-align: right;">[21] <b>2,333,431</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 19/077</b> [25] FR [54] <b>PROCEDE DE FABRICATION D'UN DISPOSITIF ELECTRONIQUE PORTABLE COMPORTANT AU MOINS UNE PUCE DE CIRCUIT INTEGRE</b> [54] <b>METHOD FOR MAKING A PORTABLE ELECTRONIC DEVICE COMPRISING AT LEAST AN INTEGRATED CIRCUIT CHIP</b> [72] BRUNET, OLIVIER, FR [72] FIDALGO, JEAN CHRISTOPHE, FR [71] GEMPLUS S.C.A., FR [85] 2000-11-23 [86] 1999-05-26 (PCT/FR99/01232) [87] 1999-12-02 (WO99/62028) [30] FR (98/06684) 1998-05-27</p>
<p style="text-align: right;">[21] <b>2,333,427</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/06 6A61K 7/50</b> [25] FR [54] <b>COMPOSITION MOUSSANTE POUR LE SOIN DES CHEVEUX</b> [54] <b>FOAMING COMPOSITION FOR HAIR CARE</b> [72] GUISE, ANNE-EMMANUELLE, FR [72] PREUILH, ISABELLE, FR [72] WILLCOX, NATHALIE, FR [71] GALDERMA RESEARCH &amp; DEVELOPEMENT, S.N.C., FR [85] 2000-11-21 [86] 1999-06-17 (PCT/FR99/01452) [87] 1999-12-23 (WO99/65456) [30] FR (98/07802) 1998-06-19</p>	<p style="text-align: right;">[21] <b>2,333,445</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60R 1/06 6B60Q 3/02</b> [25] EN [54] <b>AUTOMOBILE MIRROR</b> [54] <b>RETROVISEUR DE VEHICULE</b> [72] JURASCHEK, PETER, DE [71] MAGNA REFLEX HOLDING GMBH, DE [85] 2000-11-24 [86] 1999-05-10 (PCT/EP99/03172) [87] 1999-12-16 (WO99/64270) [30] DE (298 10 522.5) 1998-06-10</p>	

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[21] **2,333,446**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR HIGH LEVEL CONTROLLED SEARCHING THROUGH A PROBLEM SPACE**  
[54] **SYSTEME ET PROCEDE INFORMATISES DE RECHERCHE COMMANDEES A HAUT NIVEAU DANS UN ESPACE-PROBLEME**  
[72] ZEITHAMMER, KAREL, BE  
[72] KUNCHITAHAPATHAM, ARUN, US  
[72] CRAWFORD, JAMES M., JR., US  
[72] KENNEDY, BRIAN M., US  
[72] LIN, TIAOHUA, US  
[72] VENKATASUBRAMANYAN, NARAYAN, US  
[71] I2 TECHNOLOGIES, INC., US  
[85] 2000-11-24  
[86] 1999-05-28 (PCT/US99/11926)  
[87] 1999-12-02 (WO99/62018)  
[30] US (60/086,994) 1998-05-28

[21] **2,333,447**  
[13] A1

[51] **Int.Cl. 6G06F 13/00 6H04L 12/413**  
[25] EN  
[54] **OFFERED LOAD ESTIMATION AND APPLICATIONS FOR USING SAME IN A COMMUNICATION NETWORK**  
[54] **ESTIMATION DE TRAFIC OFFERT ET APPLICATIONS PERMETTANT DE L'UTILISER DANS UN RESEAU DE COMMUNICATION**  
[72] ABI-NASSIF, FIRASS, US  
[72] LEE, WHAY CHIOU, US  
[71] MOTOROLA, INC., US  
[85] 2000-11-24  
[86] 1999-05-27 (PCT/US99/11701)  
[87] 1999-12-02 (WO99/61993)  
[30] US (09/085,749) 1998-05-28

[21] **2,333,448**  
[13] A1

[51] **Int.Cl. 6B01J 20/02 6B01J 20/00 6B27N 3/00 6B01J 20/10 6B27N 3/18**  
[25] EN  
[54] **POROUS PELLETS ADSORBENTS FABRICATED FROM NANOCRYSTALS**  
[54] **ADSORBANTS EN GRANULES POREUX FABRIQUES A PARTIR DE MONOCRISTAUX**  
[72] KHALEEL, ABBAS, US  
[72] KOPER, OLGA, US  
[72] KLABUNDE, KENNETH J., US  
[71] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, US  
[85] 2000-11-24  
[86] 1999-05-18 (PCT/US99/10989)  
[87] 1999-12-09 (WO99/62630)  
[30] US (09/087,657) 1998-05-30  
[30] US (09/093,249) 1998-06-08

[21] **2,333,449**  
[13] A1

[51] **Int.Cl. 6B65D 51/20 6B65D 47/10 6B65D 8/18**  
[25] EN  
[54] **THIN-WALLED PLASTICS BOTTLE, CLOSURE AND BOTTLING PROCESS**  
[54] **FERMETURE A BOUCHON**  
[72] VON SPRECKELEN, HENNING, GB  
[72] MCGEOUGH, PETER MICHAEL, GB  
[71] SPRECKELEN MCGEOUGH LIMITED, GB  
[85] 2000-11-24  
[86] 1999-04-09 (PCT/GB99/01094)  
[87] 1999-12-02 (WO99/61337)  
[30] GB (9811308.7) 1998-05-26  
[30] GB (PCT/GB98/03433) 1998-11-13

[21] **2,333,450**  
[13] A1

[51] **Int.Cl. 6C03C 17/30 6C03C 15/00 6C03C 19/00 6C03C 17/32**  
[25] EN  
[54] **WATER-REPELLENT SURFACE TREATMENT**  
[54] **TRAITEMENT DE SURFACE HYDROPHOBE**  
[72] BARTRUG, BRUCE A., US  
[72] GOODWIN, GEORGE B., US  
[72] LIN, CHIA-CHENG, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2000-11-24  
[86] 1999-06-10 (PCT/US99/13219)  
[87] 1999-12-16 (WO99/64363)  
[30] US (09/095,200) 1998-06-10

[21] **2,333,451**  
[13] A1

[51] **Int.Cl. 6A63F 9/22 6G06F 3/037**  
[25] EN  
[54] **PHOTENSITIVE INPUT PERIPHERAL DEVICE IN A PERSONAL COMPUTER-BASED VIDEO GAMING PLATFORM**  
[54] **DISPOSITIF PERIPHERIQUE PHOTOSENSIBLE D'ENTREE DANS UNE PLATE-FORME DE JEU VIDEO INFORMATIQUE PERSONNELLE**  
[72] DIETRICH, KEVIN, CA  
[72] SHI, MINJIE, CA  
[72] THANASACK, BOUCHAN, CA  
[71] ACT LABS LTD., CA  
[85] 2000-11-24  
[86] 1999-05-27 (PCT/CA99/00454)  
[87] 1999-12-02 (WO99/61121)  
[30] US (09/085,153) 1998-05-27

[21] **2,333,452**  
[13] A1

[51] **Int.Cl. 6A61B 5/028**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONTINUOUS ESTIMATION AND DISPLAY OF CARDIAC EJECTION FRACTION AND END DIASTOLIC VOLUME**  
[54] **SYSTEME ET PROCEDE D'ESTIMATION ET D'AFFICHAGE EN CONTINU DE LA FRACTION D'EJECTION CARDIAQUE ET DU VOLUME DIASTOLIQUE**  
[72] MCKOWN, RUSSELL, US  
[72] ROTELIUK, LUCHY D., US  
[71] EDWARDS LIFESCIENCES CORPORATION, US  
[85] 2000-11-24  
[86] 1999-06-07 (PCT/US99/12716)  
[87] 1999-12-16 (WO99/63887)  
[30] US (09/094,390) 1998-06-09

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[21] **2,333,453**  
[13] A1

[51] **Int.Cl. 6A01N 43/36 6A01N 43/12 6A01N 43/40**  
[25] EN  
[54] **METHODS FOR INCREASING LEVELS OF ACETYLCHOLINE**  
[54] **PROCEDE D'AUGMENTATION DES TAUX D'ACETYLCHOLINE**  
[72] PAUL, STEVEN MARC, US  
[72] GLINN, MICHELE ANNETTE, US  
[72] BRYANT, HENRY UHLMAN, US  
[72] WU, XIN, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-11-24  
[86] 1999-06-04 (PCT/US99/12603)  
[87] 1999-12-23 (WO99/65309)  
[30] US (60/089,488) 1998-06-16

[21] **2,333,454**  
[13] A1

[51] **Int.Cl. 6B42D 15/00 6A63F 3/06**  
[25] EN  
[54] **SECURITY PRINTING OF CARDS AND THE LIKE**  
[54] **IMPRESSION CONTROLEE DE CARTES ET D'ARTICLES SIMILAIRES**  
[72] WILSON, CLIFFORD MAURICE, GB  
[72] BENSON, VICTOR, GB  
[71] SCIENTIFIC GAMES INTERNATIONAL LTD., GB  
[85] 2000-11-24  
[86] 1999-04-08 (PCT/GB99/01086)  
[87] 2000-02-03 (WO00/05080)  
[30] GB (9815706.8) 1998-07-21

[21] **2,333,455**  
[13] A1

[51] **Int.Cl. 6A61K 7/50 6A61K 7/00 6A61K 7/06 6A61K 7/48**  
[25] EN  
[54] **CLEANING COMPOSITION**  
[54] **COMPOSITION DE NETTOYAGE**  
[72] HARMALKER, SUBHASH, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2000-11-27  
[86] 1999-05-19 (PCT/US99/10941)  
[87] 1999-12-02 (WO99/60996)  
[30] US (09/086,427) 1998-05-28

[21] **2,333,456**  
[13] A1

[51] **Int.Cl. 6G02B 6/42**  
[25] EN  
[54] **ASSEMBLY OF OPTICAL COMPONENT AND OPTICAL FIBRE**  
[54] **ENSEMBLE COMPOSANT OPTIQUE ET FIBRE OPTIQUE**  
[72] MCKENZIE, JAMES STUART, GB  
[71] BOOKHAM TECHNOLOGY PLC, GB  
[85] 2000-11-27  
[86] 1999-04-26 (PCT/GB99/01299)  
[87] 1999-12-02 (WO99/61946)  
[30] GB (9811358.2) 1998-05-28

[21] **2,333,457**  
[13] A1

[51] **Int.Cl. 6B01J 19/32 6B01D 53/88**  
[25] EN  
[54] **STRUCTURED PACKING AND ELEMENT THEREFOR**  
[54] **GARNISSAGE STRUCTURE ET ELEMENT CORRESPONDANT**  
[72] FDHILA, REBEI B., SE  
[72] LLOYD, JONATHAN, CH  
[72] PAIKERT, BETTINA, CH  
[72] STRANGIO, VINCENT A., US  
[72] GRIFFIN, TIMOTHY A., CH  
[72] TRUBAC, ROBERT E., US  
[72] OVERBEEK, RUDOLF A., US  
[71] ABB LUMMUS GLOBAL INC., US  
[85] 2000-11-27  
[86] 1999-05-14 (PCT/US99/10784)  
[87] 1999-12-09 (WO99/62629)  
[30] US (60/087,474) 1998-05-29

[21] **2,333,458**  
[13] A1

[51] **Int.Cl. 6E04F 10/06 6A47L 4/00 6H01L 31/042**  
[25] EN  
[54] **AWNING WITH FLEXIBLE SOLAR MODULES**  
[54] **STORE PRESENTANT DES MODULES SOLAIRES FLEXIBLES**  
[72] MULLER, HERMANN-FRANK, DE  
[71] MULLER, HERMANN-FRANK, DE  
[85] 2000-11-27  
[86] 1999-05-26 (PCT/EP99/03645)  
[87] 1999-12-02 (WO99/61721)  
[30] DE (198 23 902) 1998-05-28  
[30] DE (198 25 017) 1998-06-04  
[30] DE (198 44 920) 1998-09-30  
[30] DE (199 15 169) 1999-04-01

[21] **2,333,459**  
[13] A1

[51] **Int.Cl. 6H04L 7/00 6H04J 3/06**  
[25] EN  
[54] **HEADER SYNCHRONIZATION DETECTOR**  
[54] **DETECTEUR DE SYNCHRONISATION D'EN-TETE**  
[72] GOTHE, MARLO R., CA  
[72] REY, CLAUDIO G., US  
[71] GLENAYRE ELECTRONICS, INC., US  
[85] 2000-11-27  
[86] 1999-05-25 (PCT/US99/11480)  
[87] 1999-12-02 (WO99/62218)  
[30] US (09/086,794) 1998-05-28

[21] **2,333,461**  
[13] A1

[51] **Int.Cl. 7G06F 17/50**  
[25] EN  
[54] **CONFIGURATION DESCRIPTION LANGUAGE SYSTEM**  
[54] **SYSTEME A LANGAGE DE DESCRIPTION DE CONFIGURATION**  
[72] KLIORIN, VICTOR, US  
[71] ELECTRONICS FOR IMAGING, INC., US  
[85] 2000-11-27  
[86] 1999-07-02 (PCT/US99/15120)  
[87] 2000-01-20 (WO00/03340)  
[30] US (09/112,072) 1998-07-08

[21] **2,333,462**  
[13] A1

[51] **Int.Cl. 6C08K 13/02 6C08K 5/00 6C08L 67/02 6C08K 3/04 6C08K 5/3435 6C08K 5/3462 6C08K 5/3492 6C08K 5/353**  
[25] EN  
[54] **UV STABLE POLYETHERESTER COPOLYMER COMPOSITION AND FILM THEREFROM**  
[54] **COMPOSITION DE COPOLYMERE DE POLYETHERESTER, STABLE AUX UV, ET FILM FABRIQUE A PARTIR DE CELLE-CI**  
[72] GIJSMAN, PIETER, NL  
[72] DIJKSTRA, KRIJN, NL  
[71] DSM N.V., NL  
[85] 2000-11-27  
[86] 1999-05-27 (PCT/NL99/00331)  
[87] 1999-12-09 (WO99/62997)  
[30] NL (1009288) 1998-05-29

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[21] **2,333,463**  
[13] A1

[51] **Int.Cl. 6G01N 33/58**  
[25] EN  
[54] **ANALYTICAL METHOD USING MULTIPLE VIRUS LABELLING**  
[54] **PROCEDE ANALYTIQUE FAISANT APPEL A UN MARQUAGE VIRAL MULTIPLE**  
[72] WILSON, STUART MARK, GB  
[71] MICROSENS BIOPHAGE LIMITED, GB  
[85] 2000-11-27  
[86] 1999-06-04 (PCT/GB99/01636)  
[87] 1999-12-09 (WO99/63348)  
[30] GB (9811977.9) 1998-06-04  
[30] GB (9901132.2) 1999-01-20

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[21] **2,333,464**  
[13] A1

[51] **Int.Cl. 6A61F 2/04**  
[25] EN  
[54] **AUTOLOGOUS VASCULAR GRAFTS CREATED BY VESSEL DISTENSION**  
[54] **GREFFE VASCULAIRE AUTOLOGUE CREEE PAR DISTENSION DE VAISSEAUX**  
[72] VITO, RAYMOND P., US  
[71] GEORGIA TECH RESEARCH CORPORATION, US  
[85] 2000-11-27  
[86] 1999-05-28 (PCT/US99/11984)  
[87] 1999-12-02 (WO99/60952)  
[30] US (60/087,027) 1998-05-28

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[21] **2,333,468**  
[13] A1

[51] **Int.Cl. 7C11D 17/00 7C11D 3/22**  
[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] 2000-11-27  
[86] 1999-07-09 (PCT/US99/14863)  
[87] 2000-01-27 (WO00/04124)  
[30] GB (9815525.2) 1998-07-17  
[30] GB (9911264.1) 1999-05-17

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[21] **2,333,470**  
[13] A1

[51] **Int.Cl. 6C07C 17/23 6C07C 19/10 6C07C 21/18 6C07C 17/20**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF HEXAFLUOROPROPYLENE FROM CC1F2CC1FCF3 AND AZEOTROPES OF CC1F2CC1FCF3 WITH HF**  
[54] **PROCEDE DE PRODUCTION D'HEXAFLUOROPROPYLENE A PARTIR DE CCLF2CC1FCF3 ET FORMATION D'AZEOTROPES DE CC1F2CC1FCF3 AVEC DU FLUORURE D'HYDROGENE**  
[72] RAO, V. N. MALLIKARJUNA, US  
[72] SIEVERT, ALLEN CAPRON, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-11-27  
[86] 1999-06-02 (PCT/US99/12286)  
[87] 1999-12-09 (WO99/62849)  
[30] US (60/087,755) 1998-06-02

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[21] **2,333,472**  
[13] A1

[51] **Int.Cl. 6C07C 21/18 6C07C 17/00 6C07C 19/08 6C07C 17/20 6C07C 17/23**  
[25] EN  
[54] **PROCESSES FOR THE PRODUCTION OF HEXAFLUOROPROPENE AND OPTIONALLY OTHER HALOGENATED HYDROCARBONS CONTAINING FLUORINE**  
[54] **PROCEDES RELATIFS A LA PRODUCTION D'HEXAFLUOROPROPENE ET EVENTUELLEMENT D'AUTRES HYDROCARBURES HALOGENES CONTENANT DU FLUOR**  
[72] SIEVERT, ALLEN CAPRON, US  
[72] RAO, VELLIYUR NOTT MALLIKARJUNA, US  
[72] WALCZAK, FRANCIS J., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-11-27  
[86] 1999-06-02 (PCT/US99/12246)  
[87] 1999-12-09 (WO99/62851)  
[30] US (60/087,751) 1998-06-02

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[21] **2,333,473**  
[13] A1

[51] **Int.Cl. 6B65D 43/06**  
[25] EN  
[54] **BARREL WITH PLASTIC LID**  
[54] **FUT A COUVERCLE EN MATIERE PLASTIQUE**  
[72] PRZYTULLA, DIETMAR, DE  
[71] MAUSER-WERKE GMBH, DE  
[85] 2000-11-27  
[86] 1999-05-26 (PCT/EP99/03640)  
[87] 1999-12-02 (WO99/61323)  
[30] DE (298 09 484.3) 1998-05-28

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[21] **2,333,474**  
[13] A1

[51] **Int.Cl. 6B29C 47/22 6B65D 1/16**  
[25] EN  
[54] **METHOD AND DEVICE FOR PRODUCING PLASTIC HOLLOW BODIES AND PLASTIC HOLLOW BODIES PRODUCED BY MEANS OF SAME**  
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE DES CORPS CREUX EN MATIERE PLASTIQUE, ET CORPS CREUX EN MATIERE PLASTIQUE AINSI OBTENUS**  
[72] PRZYTULLA, DIETMAR, DE  
[72] LIMA, WILLIAM, US  
[71] MAUSER-WERKE GMBH, DE  
[85] 2000-11-27  
[86] 1999-05-28 (PCT/EP99/03723)  
[87] 1999-12-02 (WO99/61219)  
[30] DE (298 09 489.4) 1998-05-28  
[30] US (60/111,893) 1998-12-10

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## PCT Applications Entering the National Phase

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[21] **2,333,475**  
[13] A1

[51] **Int.Cl. 6C07D 231/06 6A61K 31/41**

[25] EN

[54] **PYRAZOLINE DERIVATIVES, THEIR PREPARATION AND THEIR APPLICATION AS MEDICAMENTS**  
[54] **DERIVES DE PYRAZOLINES, LEUR PREPARATION ET LEUR APPLICATION COMME MEDICAMENTS**

[72] CONTIJOCH-LLOBET, MARIA MONTERRAT, ES

[72] FRIGOLA-CONSTANSA, JORDI, ES

[72] CUBERES-ALTISENT, MARIA ROSA, ES

[72] BERROCAL-ROMERO, JUANA MARIA, ES

[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES

[85] 2000-11-28

[86] 1999-05-27 (PCT/ES99/00156)

[87] 1999-12-09 (WO99/62884)

[30] ES (P 9801129) 1998-05-29

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[21] **2,333,476**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04Q 11/04**

[25] EN

[54] **METHOD FOR REMOVING ATM CELLS FROM AN ATM COMMUNICATIONS DEVICE**

[54] **PROCEDE POUR ELIMINER DES CELLULES A MODE DE TRANSFERT ASYNCHRONE (MTA) D'UN DISPOSITIF DE COMMUNICATION MTA MODE DE TRANSFERT ASYNCHRONE (MTA)**

[72] HEISS, HERBERT, DE  
[72] THUDT, RAIMAR, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE

[85] 2000-11-28

[86] 1999-03-23 (PCT/EP99/01986)

[87] 1999-12-09 (WO99/63716)

[30] EP (98109876.7) 1998-05-29

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[21] **2,333,477**  
[13] A1

[51] **Int.Cl. 7H04B 10/16 7H04B 10/135**

**7G02B 6/16**

[25] EN

[54] **WDM OPTICAL COMMUNICATION SYSTEM**

[54] **SYSTEME DE COMMUNICATION OPTIQUE MRL (MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE)**

[72] OKUNO, TOSHIKI, JP

[72] KAKUI, MOTOKI, JP

[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP

[85] 2000-11-28

[86] 2000-03-17 (PCT/JP00/01659)

[87] 2000-10-12 (WO00/60775)

[30] JP (11/95164) 1999-04-01

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[21] **2,333,478**  
[13] A1

[51] **Int.Cl. 6H04L 27/36 6H04L 5/06**

[25] EN

[54] **METHOD AND APPARATUS FOR LIMITING THE AMPLITUDE OF A TRANSMISSION SIGNAL**

[54] **PROCEDE ET APPAREIL PERMETTANT DE LIMITER L'AMPLITUDE D'UN SIGNAL D'EMISSION**

[72] RODEL, UDO, DE

[72] NIEGEL, MICHAEL, DE

[72] FRANK, GEORG, DE

[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE

[85] 2000-11-28

[86] 1999-05-06 (PCT/EP99/03115)

[87] 1999-12-09 (WO99/63723)

[30] DE (198 24 233.6) 1998-05-29

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[21] **2,333,479**  
[13] A1

[51] **Int.Cl. 6H04B 1/707**

[25] EN

[54] **MULTIPATH PROPAGATION DELAY DETERMINING MEANS USING PERIODICALLY INSERTED PILOT SYMBOLS**

[54] **SYSTEME DE DETERMINATION DU DELAI DE PROPAGATION MULTIVOIE AU MOYEN DE SYMBOLES PILOTES A INSERTION PERIODIQUE**

[72] FRANK, GEORG, DE

[72] POPOVIC, BRANISLAV, SE

[72] MAURER, ALEXANDER, DE

[72] GRANZOW, WOLFGANG, DE

[72] SCHULIST, MATHIAS, DE

[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE

[85] 2000-11-28

[86] 1999-05-17 (PCT/EP99/03386)

[87] 1999-12-09 (WO99/63677)

[30] DE (198 24 218.2) 1998-05-29

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[21] **2,333,480**  
[13] A1

[51] **Int.Cl. 6B65G 49/04 6F16C 21/00**

**6F16C 13/02 6F16C 17/10 6F16C 33/72**

[25] EN

[54] **ROLLER ARRANGEMENT FOR A PRODUCT TO BE COATED IN A MOLTEN METAL BATH**

[54] **SYSTEME DE ROULEAU POUR PRODUIT A REVETIR DANS UN BAIN METALLIQUE LIQUIDE**

[72] GIMPEL, MATTHIAS, DE

[72] SIEGMANN, ECKHARD, DE

[71] GIMPEL, MATTHIAS, DE

[71] SIEGMANN, ECKHARD, DE

[85] 2000-11-27

[86] 1999-05-21 (PCT/EP99/03502)

[87] 1999-12-02 (WO99/61356)

[30] DE (198 23 854.1) 1998-05-28

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[21] **2,333,481**  
[13] A1

[51] **Int.Cl. 6C12N 15/86 6C12N 5/10**

[25] EN

[54] **LENTIVIRAL VECTORS, COMPRISING MODIFIED MAJOR DONOR SPLICE SITES AND MAJOR PACKAGING SIGNALS**

[54] **VECTEURS LENTIVIRAUX**

[72] CHANG, LUNG-JI, US

[71] CHANG, LUNG-JI, US

[85] 2000-11-27

[86] 1999-05-26 (PCT/US99/11516)

[87] 2000-01-06 (WO00/00600)

[30] US (60/086,635) 1998-05-26

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## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,333,483</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02H 7/085 6H01H 47/00</b> [25] EN [54] <b>DEVICE FOR SAFELY DISCONNECTING AN ELECTRICAL LOAD WITH ESPECIALLY HIGH INDUCTIVITY FROM AN ELECTRICAL DC-VOLTAGE SUPPLY</b> [54] <b>DISPOSITIF DE DECONNEXION FIABLE D'UNE CHARGE ELECTRIQUE, NOTAMMENT A FORTE INDUCTIVITE, D'UN SYSTEME D'ALIMENTATION EN TENSION CONTINUE ELECTRIQUE</b> [72] MAGNUSSEN, BJORN, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-11-27 [86] 1999-05-17 (PCT/DE99/01480) [87] 1999-12-09 (WO99/63561) [30] DE (298 09 550.5) 1998-05-29</p>	<p style="text-align: center;">[21] <b>2,333,496</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C23G 5/028 6C11D 7/50</b> [25] EN [54] <b>METHOD FOR INHIBITING TARNISH FORMATION DURING THE CLEANING OF SILVER SURFACES WITH ETHER STABILIZED, N-PROPYL BROMIDE-BASED SOLVENT SYSTEMS</b> [54] <b>PROCEDE POUR INHIBER LE TERNISSEMENT LORS DU NETTOYAGE DE SURFACES D'ARGENT AU MOYEN DE SYSTEMES DE SOLVANTS A BASE DE BROMURE DE N-PROPYLE STABILISES PAR UN ETHER</b> [72] SHUBKIN, RONALD L., US [71] ALBEMARLE CORPORATION, US [85] 2000-11-27 [86] 1999-06-09 (PCT/US99/12965) [87] 1999-12-29 (WO99/67445) [30] US (09/104,898) 1998-06-25</p>	<p style="text-align: center;">[21] <b>2,333,502</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B25B 25/00 6E04H 17/26</b> [25] EN [54] <b>WIRE TENSIONING TOOL</b> [54] <b>TENDEUR DE FIL DE CLOTURE</b> [72] HOPPS, MICHAEL WILLIAM, GB [71] DRAPER TOOLS LIMITED, GB [71] HOPPS, MICHAEL WILLIAM, GB [71] QUINN INTERNATIONAL CORPORATION, TW [85] 2000-11-28 [86] 1999-05-27 (PCT/GB99/01672) [87] 1999-12-02 (WO99/61208) [30] GB (9811329.3) 1998-05-28</p>
<p style="text-align: center;">[21] <b>2,333,484</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b> [25] EN [54] <b>ABSORBENT ARTICLE HAVING A TOPSHEET THAT INCLUDES SELECTIVELY OPENABLE AND CLOSABLE OPENINGS</b> [54] <b>ARTICLE ABSORBANT COMPORTANT UNE COUCHE SUPERIEURE MUNIE D'ORIFICES QUI S'OUVRENT ET SE FERMENT SELECTIVEMENT</b> [72] NAKAHATA, HIROSHI, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-27 [86] 1998-10-26 (PCT/US98/22653) [87] 1999-12-09 (WO99/62448) [30] US (09/092,688) 1998-06-05</p>	<p style="text-align: center;">[21] <b>2,333,497</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16C 33/46 6F16C 19/24</b> [25] EN [54] <b>ROLLING BEARING</b> [54] <b>PALIER A ROULEMENT</b> [72] JANEK, BARTOLOMEJ, SK [72] FECKO, TIBOR, SK [71] SPINEA S.R.O. KOSICE, SK [85] 2000-11-28 [86] 1999-05-25 (PCT/IB99/00945) [87] 1999-12-09 (WO99/63240) [30] DE (198 24 070.8) 1998-05-29</p>	<p style="text-align: center;">[21] <b>2,333,504</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65H 35/07 7B65C 11/02 7B65C 9/18</b> [25] EN [54] <b>CORE HOLDING MECHANISM AND LABEL ADJUSTING GUIDE FOR ROLL-SHAPED LABEL OF LABEL STICKING MACHINE</b> [54] <b>DISPOSITIF PREHENSEUR DE CORPS, ET GUIDE-ETIQUETTES D'UNE MACHINE A COLLER DES ETIQUETTES ENROULEES</b> [72] SASAKI, TADASHI, JP [72] KASHIWABA, TADAO, JP [71] KABUSHIKI KAISHA SATO, JP [85] 2000-11-28 [86] 2000-03-29 (PCT/JP00/01973) [87] 2000-10-05 (WO00/58194) [30] JP (11/88834) 1999-03-30</p>
<p style="text-align: center;">[21] <b>2,333,500</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09F 13/04 6G09F 9/30</b> [25] EN [54] <b>ILLUMINATED INDICATION DEVICE FOR ROAD TRAFFIC</b> [54] <b>SYSTEME DE SIGNALISATION LUMINEUSE POUR LA CIRCULATION ROUTIERE</b> [72] FRIEBOLIN, LOTHAR, DE [71] DAMBACH-WERKE GMBH, DE [85] 2000-11-28 [86] 1999-04-14 (PCT/EP99/02506) [87] 1999-12-09 (WO99/63510) [30] DE (198 24 425.8) 1998-05-30</p>	<p style="text-align: center;">[21] <b>2,333,505</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/19 6C12N 7/00 6C07H 3/04 6A61K 31/045 6A61K 39/12</b> [25] EN [54] <b>STABILIZERS FOR LYOPHILIZED VACCINES</b> [54] <b>STABILISATEURS POUR VACCINS LYOPHILISES</b> [72] BURKE, CARL J., US [72] SHEU, SU-PI, US [72] VOLKIN, DAVID B., US [71] MERCK &amp; CO., INC., US [85] 2000-11-28 [86] 1999-05-28 (PCT/US99/12026) [87] 1999-12-09 (WO99/62500) [30] US (09/089,743) 1998-06-03</p>	

## PCT Applications Entering the National Phase

[21] **2,333,506**  
[13] A1

[51] **Int.Cl. 6A61K 7/135**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR REMOVING THE COLOR FROM PERMANENTLY DYED KERATIN FIBERS**  
[54] **COMPOSITIONS ET TECHNIQUES AFFERENTES DE DECOLORATION DE FIBRES KERATINIQUES COLOREES DE MANIERE PERMANENTE**  
[72] ADAIR, TONY R., US  
[72] COWSAR, DONALD R., US  
[71] CARSON PRODUCTS COMPANY, US  
[85] 2000-11-28  
[86] 1999-05-27 (PCT/US99/11741)  
[87] 1999-12-02 (WO99/60993)  
[30] US (60/087,161) 1998-05-29  
[30] US (60/130,784) 1998-10-09

[21] **2,333,508**  
[13] A1

[51] **Int.Cl. 6D21H 21/10**  
[25] EN  
[54] **FLOCCULATION METHOD FOR MAKING A PAPER SHEET**  
[54] **PROCEDE DE FLOCCULATION POUR LA FABRICATION D'UNE FEUILLE DE PAPIER**  
[72] HUND, RENE, FR  
[72] JEHN-RENDU, CHRISTIAN, FR  
[71] SNF S.A., FR  
[85] 2000-11-28  
[86] 1999-05-21 (PCT/FR99/01209)  
[87] 1999-12-02 (WO99/61702)  
[30] FR (98/06876) 1998-05-28

[21] **2,333,510**  
[13] A1

[51] **Int.Cl. 6A61H 31/00**  
[25] EN  
[54] **MODULAR CPR ASSIST DEVICE**  
[54] **DISPOSITIF D'AIDE A LA REANIMATION CARDIO-RESPIRATOIRE**  
[72] SHERMAN, DARREN R., US  
[72] MOLLENAUER, KENNETH H., US  
[71] EMERGENCY MEDICAL SYSTEMS, INC., US  
[85] 2000-11-28  
[86] 1999-05-17 (PCT/US99/11058)  
[87] 1999-12-09 (WO99/62458)  
[30] US (09/087,299) 1998-05-29

[21] **2,333,512**  
[13] A1

[51] **Int.Cl. 6A61F 5/44**  
[25] EN  
[54] **OSTOMY SKIN BARRIER ASSEMBLY, STOMA SEAL ASSEMBLY AND MATERIALS FOR USE IN STOMA SEALS**  
[54] **ENSEMBLE PROTECTION CUTANEE POUR STOMIE, ENSEMBLE JOINT POUR STOMATE, ET SUBSTANCES UTILISEES DANS DES JOINTS POUR STOMATES**  
[72] WAGNER, NELDON C., US  
[71] WAGNER, NELDON C., US  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/US99/12061)  
[87] 1999-12-02 (WO99/60959)  
[30] US (09/087,601) 1998-05-29

[21] **2,333,513**  
[13] A1

[51] **Int.Cl. 6A47J 31/20 6A47J 31/52**  
[25] EN  
[54] **DEVICE FOR INFUSING DRINKS**  
[54] **DISPOSITIF POUR FAIRE INFUSER DES BOISSONS**  
[72] FRITSCHI, ISIDOR, CH  
[71] FRITSCHI, ISIDOR, CH  
[85] 2000-11-27  
[86] 1999-06-01 (PCT/CH99/00237)  
[87] 1999-12-09 (WO99/62388)  
[30] CH (1194/98) 1998-06-02

[21] **2,333,520**  
[13] A1

[51] **Int.Cl. 6G01R 31/08 6H04B 3/46**  
[25] EN  
[54] **METHOD FOR DETECTING THE POSITION OF DEFECTIVE SHIELDING OF A COAXIAL CABLE OR CONNECTOR IN A COAXIAL CABLE NETWORK**  
[54] **PROCEDE POUR DETERMINER LA POSITION DU BLINDAGE DEFECTUEUX D'UN CABLE COAXIAL OU D'UN CONNECTEUR A FICHE DANS UN RESEAU DE CABLES COAXIAUX**  
[72] BLOCK, ROLF, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-11-27  
[86] 1999-05-03 (PCT/DE99/01318)  
[87] 1999-12-02 (WO99/61927)  
[30] DE (198 24 157.7) 1998-05-29

[21] **2,333,523**  
[13] A1

[51] **Int.Cl. 6B01D 53/22 6C01B 31/20**  
[25] EN  
[54] **MEMBRANE PROCESS FOR PRODUCING CARBON DIOXIDE**  
[54] **PROCEDE UTILISANT LA SEPARATION PAR MEMBRANES POUR PRODUIRE DU DIOXYDE DE CARBONE**  
[72] COAN, FRED, US  
[72] KOENST, JOHN W., US  
[72] PAULEY, CHARLES R. (DECEASED), US  
[72] DAUS, PAUL A., US  
[71] MESSER GRIESHEIM INDUSTRIES, INC., US  
[85] 2000-11-27  
[86] 1999-03-22 (PCT/US99/06194)  
[87] 1999-10-14 (WO99/51325)  
[30] US (09/057,126) 1998-04-08

[21] **2,333,525**  
[13] A1

[51] **Int.Cl. 6A21D 6/00**  
[25] EN  
[54] **METHOD OF PRODUCING SHELF-STABLE, UNBAKED BREAD PRODUCTS**  
[54] **PROCEDE DE PRODUCTION DE PRODUITS DE PAIN DE LONGUE CONSERVATION ET NON CUITS**  
[72] DOB, JANET, US  
[71] DOB, JANET, US  
[85] 2000-11-27  
[86] 1999-05-26 (PCT/US99/11547)  
[87] 2000-03-30 (WO00/16634)  
[30] US (60/086,648) 1998-05-26

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[21] **2,333,528**  
[13] A1

[51] **Int.Cl. 6A61K 31/445 6A61K 9/00 6A61K 31/135 6A61K 47/18**  
[25] EN  
[54] **A STABILIZED ANTIHISTAMINE SYRUP CONTAINING AMINOPOLYCARBOXYLIC ACID AS STABILIZER**  
[54] **SIROP A ANTIHISTAMINES STABILISE CONTENANT UN STABILISANT ACIDE AMINOPOLYCARBOXYLIQUE**  
[72] STUPAK, ELLIOT I., US  
[72] CHAUDRY, IMTIAZ A., US  
[72] GUAZZO, FRANK, US  
[72] MUNAYYER, FARAH J., US  
[72] SEQUEIRA, JOEL A., US  
[71] SCHERING CORPORATION, US  
[85] 2000-11-27  
[86] 1999-05-27 (PCT/US99/10469)  
[87] 1999-12-09 (WO99/62516)  
[30] US (09/088,128) 1998-06-01

[21] **2,333,530**  
[13] A1

[51] **Int.Cl. 6C23C 14/00 6C23C 16/00 6B23F 1/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INCREASING WAFER THROUGHPUT BETWEEN CLEANINGS IN SEMICONDUCTOR PROCESSING REACTORS**  
[54] **PROCEDE ET SYSTEME POUR AUGMENTER LE RENDEMENT D'UNE TRANCHE ENTRE DES NETTOYAGES EFFECTUES DANS DES REACTEURS DE TRAITEMENT DES SEMI-CONDUCTEURS**  
[72] COFER, ALFRED, US  
[72] DEORNELLAS, STEPHEN P., US  
[71] TEGAL CORPORATION, US  
[85] 2000-11-27  
[86] 1999-05-25 (PCT/US99/11453)  
[87] 1999-12-02 (WO99/61675)  
[30] US (09/086,105) 1998-05-28

[21] **2,333,533**  
[13] A1

[51] **Int.Cl. 6F21L 15/02**  
[25] EN  
[54] **A LIGHTING DEVICE**  
[54] **DISPOSITIF D'ECLAIRAGE**  
[72] BROWN, JOHN ROBERT, AU  
[72] DALTON, DAVID RICHARD, AU  
[71] EVEREADY BATTERY COMPANY, INC., US  
[85] 2000-11-27  
[86] 1999-06-18 (PCT/AU99/00494)  
[87] 1999-12-29 (WO99/67567)  
[30] AU (PP 4224) 1998-06-19

[21] **2,333,534**  
[13] A1

[51] **Int.Cl. 6C23G 5/028 6C11D 7/50**  
[25] EN  
[54] **METHOD FOR INHIBITING TARNISH FORMATION WHEN CLEANING SILVER WITH ETHER STABILIZED, N-PROPYL BROMIDE-BASED SOLVENT SYSTEMS**  
[54] **PROCEDE POUR INHIBER LE TERNISSEMENT LORS DU NETTOYAGE DE L'ARGENT AU MOYEN DE SYSTEMES DE SOLVANTS A BASE DE BROMURE DE N-PROPYLE STABILISES PAR UN ETHER**  
[72] SHUBKIN, RONALD L., US  
[71] ALBEMARLE CORPORATION, US  
[85] 2000-11-27  
[86] 1999-06-09 (PCT/US99/12966)  
[87] 1999-12-29 (WO99/67446)  
[30] US (09/104,872) 1998-06-25

[21] **2,333,535**  
[13] A1

[51] **Int.Cl. 7F21V 8/00**  
[25] EN  
[54] **PARABOLIC AND SPHERICAL MULTIPORT ILLUMINATORS FOR LIGHT GUIDES**  
[54] **ILLUMINATEURS A OUVERTURES MULTIPLES, PARABOLIQUES ET SPHERIQUES POUR GUIDES OPTIQUES**  
[72] RISER, ANDREW P., US  
[72] MATHIS, RONALD F., US  
[72] FORKNER, JOHN F., US  
[71] REMOTE SOURCE LIGHTING INTERNATIONAL, INC., US  
[85] 2000-11-27  
[86] 1998-05-28 (PCT/US98/08608)  
[87] 1999-12-02 (WO99/61945)

[21] **2,333,536**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **WORKFLOW COMMUNICATION**  
[54] **COMMUNICATION ENTRE FLUX DE TRAVAUX**  
[72] WHIPPLE, MARK B., US  
[72] NOTANI, RANJIT N., US  
[72] PARASNIS, ABHAY V., US  
[71] I2 TECHNOLOGIES, INC., US  
[85] 2000-11-30  
[86] 1999-06-03 (PCT/US99/12344)  
[87] 1999-12-09 (WO99/63463)  
[30] US (09/092,348) 1998-06-05  
[30] US (09/156,264) 1998-09-18

[21] **2,333,537**  
[13] A1

[51] **Int.Cl. 6C07D 239/62 6A61K 31/515 6C07D 239/66**  
[25] EN  
[54] **N-SUBSTITUTED DERIVATIVES OF 5-OXYIMINOBARBITURIC ACID**  
[54] **DERIVES N-SUBSTITUES D'ACIDE 5-OXYIMINOBARBITURIQUE**  
[72] ASHKINAZI, RIMMA ILIINICHNA, RU  
[71] ASHKINAZI, RIMMA ILIINICHNA, RU  
[85] 2000-11-27  
[86] 1998-05-26 (PCT/RU98/00160)  
[87] 1999-12-02 (WO99/61427)

[21] **2,333,538**  
[13] A1

[51] **Int.Cl. 6B60K 5/12 6B62D 21/02**  
[25] EN  
[54] **DYNAMIC INERTIAL STRUCTURAL STIFFENING LINKAGE**  
[54] **LIAISON DE RAIDISSEUR STRUCTURELLE, INERTIELLE, DYNAMIQUE**  
[72] HOHENBERG, EDWARD G., CA  
[72] ARONSON, VINCENT L., CA  
[72] LAMOTHE, BRADLEY A., CA  
[71] MOTOR COACH INDUSTRIES LTD., CA  
[85] 2000-11-27  
[86] 1999-05-21 (PCT/CA99/00427)  
[87] 1999-12-02 (WO99/61272)  
[30] US (60/086,638) 1998-05-26

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,333,539</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09D 5/00 6C09K 19/00 6D06M 15/03 6C08J 7/04 6C09K 19/06 6H01L 21/283 6H01L 21/312 6G01N 27/327 6G01N 27/333 6D06M 15/356 6C09K 19/38 6G01N 27/40</b></p> <p>[25] EN</p> <p>[54] <b>MOLECULAR COATINGS</b></p> <p>[54] <b>REVETEMENTS MOLECULAIRES</b></p> <p>[72] BRAACH-MAKSUVYTIS, VIJOLETA, AU</p> <p>[72] RAGUSE, BURKHARD, AU</p> <p>[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU</p> <p>[85] 2000-11-27</p> <p>[86] 1999-05-27 (PCT/AU99/00413)</p> <p>[87] 1999-12-02 (WO99/61531)</p> <p>[30] AU (PP 3736) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,333,542</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08J 5/12 7B29C 45/14</b></p> <p>[25] EN</p> <p>[54] <b>COUPLING METAL PARTS WITH A PLASTIC MATERIAL</b></p> <p>[54] <b>COUPLAGE DE PARTIES METALLIQUES AVEC UNE MATIERE PLASTIQUE</b></p> <p>[72] RIGOSI, GIAN LUIGI, IT</p> <p>[72] GOBERTI, PAOLO, IT</p> <p>[71] BASELL TECHNOLOGY COMPANY B.V., NL</p> <p>[85] 2000-11-27</p> <p>[86] 2000-03-13 (PCT/EP00/02196)</p> <p>[87] 2000-10-12 (WO00/59990)</p> <p>[30] EP (99201014.0) 1999-04-02</p>	<p style="text-align: right;">[21] <b>2,333,545</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/28 6B01D 24/12 6C02F 1/40</b></p> <p>[25] EN</p> <p>[54] <b>A METHOD AND A DEVICE FOR PURIFYING WATER</b></p> <p>[54] <b>PROCEDE ET DISPOSITIF DE PURIFICATION DE L'EAU</b></p> <p>[72] AXELSSON, PER, SE</p> <p>[71] AXELSSON, PER, SE</p> <p>[85] 2000-11-27</p> <p>[86] 1999-06-11 (PCT/SE99/01027)</p> <p>[87] 1999-12-29 (WO99/67175)</p> <p>[30] SE (9802062-1) 1998-06-11</p>
<p style="text-align: right;">[21] <b>2,333,540</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 27/08</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND APPARATUS FOR MAKING SELF-INFLATABLE MATTRESSES AND CUSHIONS</b></p> <p>[54] <b>PROCEDE ET DISPOSITIF DE FABRICATION DE MATELAS ET COUSSINS AUTO-GONFLABLES</b></p> <p>[72] SWITLIK, STANLEY, US</p> <p>[71] SWITLIK PARACHUTE CO., INC., US</p> <p>[85] 2000-11-27</p> <p>[86] 1999-05-26 (PCT/US99/11586)</p> <p>[87] 1999-12-02 (WO99/60895)</p> <p>[30] US (09/085,420) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,333,543</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B26B 1/02</b></p> <p>[25] EN</p> <p>[54] <b>FOLDING KNIFE</b></p> <p>[54] <b>COUTEAU PLIANT</b></p> <p>[72] DUGDALE, DANIEL J., US</p> <p>[71] ALTERRA HOLDINGS CORPORATION, US</p> <p>[85] 2000-11-27</p> <p>[86] 1999-04-30 (PCT/US99/09545)</p> <p>[87] 1999-11-18 (WO99/58302)</p> <p>[30] US (09/075,022) 1998-05-08</p>	<p style="text-align: right;">[21] <b>2,333,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A21B 1/52</b></p> <p>[25] EN</p> <p>[54] <b>MEAL DELIVERY SYSTEM</b></p> <p>[54] <b>SYSTEME DE DISTRIBUTION DE REPAS</b></p> <p>[72] NADERI, JAMES, US</p> <p>[72] WALLACE, THOMAS E., US</p> <p>[71] ALA CART, INC., US</p> <p>[85] 2000-11-27</p> <p>[86] 1999-06-03 (PCT/US99/12437)</p> <p>[87] 1999-12-16 (WO99/63831)</p> <p>[30] US (09/093,538) 1998-06-08</p>
<p style="text-align: right;">[21] <b>2,333,541</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08B 31/18 6C08B 31/12</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR MANUFACTURING HIGH-CATIONIC STARCH SOLUTIONS</b></p> <p>[54] <b>PROCEDE DE PRODUCTION DE SOLUTIONS D'EMPOIS D'AMIDON HAUTEMENT CATIONIQUES</b></p> <p>[72] KAKI, JOUKO, FI</p> <p>[72] LIKITALO, ANTTI, FI</p> <p>[71] RAISIO CHEMICALS LTD., FI</p> <p>[85] 2000-11-27</p> <p>[86] 1999-06-03 (PCT/FI99/00482)</p> <p>[87] 1999-12-09 (WO99/62957)</p> <p>[30] FI (981258) 1998-06-03</p>	<p style="text-align: right;">[21] <b>2,333,544</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/00</b></p> <p>[25] EN</p> <p>[54] <b>PREPARATION FOR TREATING HUMAN SKIN AND HUMAN HAIR COMPRISING A SPECIAL ACTIVE INGREDIENT COMBINATION, AND THE USE OF THIS ACTIVE INGREDIENT COMBINATION</b></p> <p>[54] <b>PREPARATION POUR LE TRAITEMENT DE LA PEAU HUMAINE ET DES CHEVEUX CONTENANT UNE COMBINAISON SPECIALE DE PRINCIPES ACTIFS, ET UTILISATION DE CETTE COMBINAISON DE PRINCIPE ACTIF</b></p> <p>[72] HOLLENBERG, DETLEF, DE</p> <p>[72] BERNECKER, ULLRICH, DE</p> <p>[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE</p> <p>[85] 2000-11-27</p> <p>[86] 1999-05-15 (PCT/EP99/03362)</p> <p>[87] 1999-12-02 (WO99/60989)</p> <p>[30] DE (198 23 552.6) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,333,547</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 21/00</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND ASSOCIATED APPARATUS FOR THE STANDARDIZED GRADING OF GEMSTONES</b></p> <p>[54] <b>PROCEDE ET DISPOSITIF PERMETTANT LE CLASSEMENT NORMALISE DES PIERRES PRECIEUSES</b></p> <p>[72] AGGARWAL, LALIT K., US</p> <p>[71] IMAGESTATISTICS, INC., US</p> <p>[85] 2000-11-27</p> <p>[86] 1999-05-25 (PCT/US99/11500)</p> <p>[87] 1999-12-02 (WO99/61890)</p> <p>[30] US (09/085,797) 1998-05-28</p>

## Demandes PCT entrant en phase nationale

[21] **2,333,549**  
[13] A1

[51] Int.Cl. 6B01J 8/02 6B01J 8/00 6B01J 19/00 6F01N 3/02 6B01J 8/06 6B01D 46/24 6B01J 19/24

[25] EN

[54] METHOD FOR ADAPTIVE CONTROL OF EXOTHERMAL CATALYTIC REACTORS AND REACTORS THEREFOR

[54] PROCEDE DE COMMANDE ADAPTATIVE DESTINE A DES REACTEURS CATALYTIQUES EXOTHERMIQUES ET REACTEURS ASSOCIES

[72] IAKHNINE, VLADIMIR ZORIEVICH, CA

[72] MENZINGER, MICHAEL, CA

[71] IAKHNINE, VLADIMIR ZORIEVICH, CA

[71] MENZINGER, MICHAEL, CA

[85] 2000-11-27

[86] 1999-06-09 (PCT/CA99/00523)

[87] 1999-12-16 (WO99/64145)

[30] US (60/088,596) 1998-06-09

[21] **2,333,551**  
[13] A1

[51] Int.Cl. 6C07D 267/00 6C07C 69/007 6C07D 273/02 6C07F 7/18 6C07C 235/28 6C07C 43/315 6A61K 31/395 6C07C 59/58

[25] EN

[54] A PROCESS FOR THE PREPARATION OF MACROCYCLIC METALLOPROTEASE INHIBITORS

[54] PROCEDE DE PREPARATION D'INHIBITEURS MACROCYCLIQUES DES METALLOPROTEASES

[72] DOROW, ROBERTA L., US

[72] JIN, FUQIANG, US

[72] CONFALONE, PASQUALE N., US

[72] WANG, ZHE, US

[72] CAMPAGNA, SILVIO, US

[71] DUPONT PHARMACEUTICALS

COMPANY, US

[85] 2000-11-27

[86] 1999-06-10 (PCT/US99/13201)

[87] 1999-12-16 (WO99/64406)

[30] US (60/088,988) 1998-06-11

[21] **2,333,554**  
[13] A1

[51] Int.Cl. 6C07C 259/08 6C07D 401/12 6C07D 401/14 6C07D 405/14 6C07D 409/14 6C07D 417/14 6C07D 211/16 6C07D 215/20 6C07D 211/22 6C07D 215/22

6C07D 213/30 6C07D 213/40 6A61K 31/445 6A61K 31/47 6C07D 211/60

[25] EN

[54] CYCLIC HYDROXAMIC ACIDS AS METALLOPROTEINASE INHIBITORS

[54] ACIDES HYDROXAMIQUES CYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE

METALLOPROTEASES

[72] DECICCO, CARL P., US

[72] XUE, CHU-BAIO, US

[72] HE, XIAOHUA, US

[71] DUPONT PHARMACEUTICALS

COMPANY, US

[85] 2000-11-27

[86] 1999-06-17 (PCT/US99/13723)

[87] 1999-12-23 (WO99/65867)

[30] US (60/089,557) 1998-06-17

[30] US (60/127,599) 1999-04-02

[21] **2,333,550**  
[13] A1

[51] Int.Cl. 6C07D 265/18 6A61K 31/535

[25] EN

[54] CRYSTALLINE EFAVIRENZ

[54] EFAVIRENZ SOUS FORME CRISTALLINE

[72] RABEL, SHELLEY R., US

[72] RADESCA, LILIAN A., US

[72] MAURIN, MICHAEL B., US

[72] MOORE, JAMES R., US

[71] DUPONT PHARMACEUTICALS

COMPANY, US

[85] 2000-11-27

[86] 1999-06-10 (PCT/US99/13199)

[87] 1999-12-16 (WO99/64405)

[30] US (60/089,981) 1998-06-11

[21] **2,333,552**  
[13] A1

[51] Int.Cl. 6C02F 3/32

[25] EN

[54] BIOLOGICAL PURIFICATION OF WATER TO ANY DEGREE UP TO AND DRINKING WATER

[54] PURIFICATION BIOLOGIQUE D'EAU POUR LUI DONNER DIVERS DEGRES DE PURETE, ET EAU POTABLE

[72] KOULOUMBIS, PANAGIOTIS, ZA

[71] KOULOUMBIS, PANAGIOTIS, ZA

[85] 2000-11-27

[86] 1999-01-20 (PCT/GR99/00007)

[87] 1999-12-02 (WO99/61379)

[30] GR (980100184) 1998-05-26

[21] **2,333,555**  
[13] A1

[51] Int.Cl. 6A61K 9/24 6A61K 47/34

[25] EN

[54] CONTROLLED RELEASE PREPARATIONS HAVING MULTI-LAYER STRUCTURE

[54] PREPARATIONS DE LIBERATION CONTROLEE A STRUCTURE MULTICOUCHE

[72] KAJIHARA, MASAKO, JP

[72] SANO, AKIHIKO, JP

[72] SUGIE, TOSHIHIKO, JP

[71] SUMITOMO PHARMACEUTICALS

COMPANY, LIMITED, JP

[85] 2000-11-27

[86] 1999-05-19 (PCT/JP99/02594)

[87] 1999-12-09 (WO99/62501)

[30] JP (10/148591) 1998-05-29

[21] **2,333,553**  
[13] A1

[51] Int.Cl. 7B66B 23/24

[25] EN

[54] COMPOSITE HANDRAIL CONSTRUCTION

[54] CONSTRUCTION DE RAMPE COMPOSITE

[72] WEATHERALL, DOUGLAS J., CA

[72] KENNY, ANDREW O., CA

[72] CAUNCE, A. STUART, CA

[71] BALL, RONALD H., CA

[85] 2000-11-27

[86] 1999-06-18 (PCT/CA99/00569)

[87] 2000-01-13 (WO00/01607)

[30] US (09/106,470) 1998-06-30

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,333,556</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/55 6A61K 31/12</b> [25] EN [54] <b>ISOFLAVONOIDS FOR TREATMENT AND PREVENTION OF MIGRAINE HEADACHES</b> [54] <b>ISOFLAVONOIDES UTILES DANS LE TRAITEMENT ET LA PREVENTION DE MAUX DE TETE DU TYPE MIGRAINE</b> [72] GORBACH, SHERWOOD L., US [72] GOLDIN, BARRY, R., US [71] GORBACH, SHERWOOD L., US [85] 2000-11-27 [86] 1999-05-25 (PCT/US99/11532) [87] 1999-12-02 (WO99/61028) [30] US (09/085,480) 1998-05-27</p>	<p style="text-align: center;">[21] <b>2,333,559</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E01B 9/60 6E01B 9/62</b> [25] EN [54] <b>RAILWAY OR TRAMWAY RAIL AND RAIL FASTENING SYSTEM</b> [54] <b>RAIL DE CHEMIN DE FER OU DE TRAMWAY ET SYSTEME DE FIXATION DE RAIL</b> [72] PENNY, CHARLES, GB [71] PENNY, CHARLES, GB [85] 2000-11-27 [86] 1999-05-28 (PCT/GB99/01705) [87] 1999-12-09 (WO99/63160) [30] GB (9811591.8) 1998-05-30</p>	<p style="text-align: center;">[21] <b>2,333,563</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/38</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DISTRIBUTING COMMANDS TO A PLURALITY OF CIRCUITBLOCKS</b> [54] <b>PROCEDE ET APPAREIL DE DISTRIBUTION DE COMMANDES A UNE PLURALITE DE BLOCS-CIRCUITS</b> [72] JACOBSSON, MAGNUS, SE [72] HAMMAR, CLAES, SE [72] HAKANSSON, STEFAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-28 [86] 1999-05-18 (PCT/SE99/00847) [87] 1999-12-09 (WO99/63417) [30] US (09/086,618) 1998-05-29</p>
<p style="text-align: center;">[21] <b>2,333,557</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09J 4/06 6C08F 290/12</b> [25] EN [54] <b>ADHESIVE FORMULATIONS</b> [54] <b>FORMULATIONS D'ADHESIF</b> [72] HUANG, JIAN-PING, US [72] RIGHETTINI, ROBIN, US [72] DENNIS, FRANCES G., US [71] LORD CORPORATION, US [85] 2000-11-27 [86] 1999-06-01 (PCT/US99/12119) [87] 1999-12-16 (WO99/64529) [30] US (60/089,115) 1998-06-12</p>	<p style="text-align: center;">[21] <b>2,333,560</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01G 11/00</b> [25] EN [54] <b>CHAIN CONVEYOR</b> [54] <b>TRANSPORTEUR A CHAINE</b> [72] HAFNER, HANS WILHELM, DE [71] PFISTER GMBH, DE [85] 2000-11-27 [86] 1999-06-30 (PCT/EP99/04514) [87] 2000-01-06 (WO00/00795) [30] DE (198 29 036.5) 1998-06-30</p>	<p style="text-align: center;">[21] <b>2,333,564</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/30</b> [25] EN [54] <b>WEB-UPDATED DATABASE WITH RECORD DISTRIBUTION BY EMAIL</b> [54] <b>BASE DE DONNEES MISE A JOUR SUR LE WEB, A DISTRIBUTION D'ENREGISTREMENTS PAR COURRIER ELECTRONIQUE</b> [72] CELLIK, PETER, CA [72] PIETT, DERRICK RONALD, CA [72] MCALEER, ANTHONY JAMES, CA [71] NETSPAN CORPORATION, TC [85] 2000-11-28 [86] 1999-05-27 (PCT/CA99/00483) [87] 1999-12-02 (WO99/62003) [30] US (09/086,079) 1998-05-28</p>
<p style="text-align: center;">[21] <b>2,333,558</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C23C 22/42 6C23F 11/18 6C23C 22/44</b> [25] EN [54] <b>AN ANTICORROSION TREATMENT</b> [54] <b>TRAITEMENT ANTICORROSION</b> [72] MARECIC, SHANNON, AU [71] BHP STEEL (JLA) PTY. LTD., AU [85] 2000-11-27 [86] 1999-05-28 (PCT/AU99/00419) [87] 1999-12-02 (WO99/61681) [30] AU (PP 3751) 1998-05-28</p>	<p style="text-align: center;">[21] <b>2,333,561</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 7/00</b> [25] EN [54] <b>WALLET CONSOLIDATOR</b> [54] <b>CONSOLIDATEUR DE PORTEFEUILLE ELECTRONIQUE</b> [72] GANGI, FRANK J., US [71] E-MICRO CORPORATION, US [85] 2000-11-27 [86] 1999-05-06 (PCT/US99/10068) [87] 1999-12-09 (WO99/63475) [30] US (09/087,193) 1998-05-29</p>	<p style="text-align: center;">[21] <b>2,333,565</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/00</b> [25] EN [54] <b>TISSUE MODULATION PROCESS FOR QUANTITATIVE NONINVASIVE IN VIVO SPECTROSCOPIC ANALYSIS OF TISSUES</b> [54] <b>PROCESSUS DE MODULATION TISSULAIRE DESTINE A L'ANALYSE SPECTROSCOPIQUE QUANTITATIVE NON INVASIVE IN VIVO DES TISSUS</b> [72] CHAIKEN, JOSEPH, US [72] PETERSON, CHARLES M., US [71] LIGHTOUCH MEDICAL, INC., US [85] 2000-11-28 [86] 1999-07-07 (PCT/US99/15217) [87] 2000-01-13 (WO00/01295) [30] US (60/091,899) 1998-07-07</p>
<p style="text-align: center;">[21] <b>2,333,558</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C23C 22/42 6C23F 11/18 6C23C 22/44</b> [25] EN [54] <b>AN ANTICORROSION TREATMENT</b> [54] <b>TRAITEMENT ANTICORROSION</b> [72] MARECIC, SHANNON, AU [71] BHP STEEL (JLA) PTY. LTD., AU [85] 2000-11-27 [86] 1999-05-28 (PCT/AU99/00419) [87] 1999-12-02 (WO99/61681) [30] AU (PP 3751) 1998-05-28</p>	<p style="text-align: center;">[21] <b>2,333,562</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10M 141/10 6C10M 137/10</b> [25] EN [54] <b>ALKYLTHIOPHOSPHATE SALTS FOR LUBRICATING OILS</b> [54] <b>SELS D'ALKYLTHIOPHOSPHATE POUR HUILES LUBRIFIANTES</b> [72] BOFFA, ALEXANDER BOWMAN, US [72] BLOCH, RICARDO ALFREDO, US [71] INFINEUM USA L.P., US [85] 2000-11-28 [86] 1999-05-03 (PCT/EP99/03094) [87] 1999-12-09 (WO99/63028) [30] US (09/087,541) 1998-05-29</p>	<p style="text-align: center;">[21] <b>2,333,565</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/00</b> [25] EN [54] <b>TISSUE MODULATION PROCESS FOR QUANTITATIVE NONINVASIVE IN VIVO SPECTROSCOPIC ANALYSIS OF TISSUES</b> [54] <b>PROCESSUS DE MODULATION TISSULAIRE DESTINE A L'ANALYSE SPECTROSCOPIQUE QUANTITATIVE NON INVASIVE IN VIVO DES TISSUS</b> [72] CHAIKEN, JOSEPH, US [72] PETERSON, CHARLES M., US [71] LIGHTOUCH MEDICAL, INC., US [85] 2000-11-28 [86] 1999-07-07 (PCT/US99/15217) [87] 2000-01-13 (WO00/01295) [30] US (60/091,899) 1998-07-07</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,333,566</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 17/00 6G08B 13/24</b> [25] EN [54] <b>IDENTIFICATION TAG WITH ENHANCED SECURITY</b> [54] <b>ETIQUETTE D'IDENTIFICATION A SECURITE AMELIOREE</b> [72] TSAI, CHING-LONG, US [72] SAINATI, ROBERT A., US [72] PIOTROWSKI, CHESTER, US [72] KAREL, GERALD L., US [72] GOFF, EDWARD D., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-11-28 [86] 1998-11-03 (PCT/US98/23412) [87] 1999-12-16 (WO99/65006) [30] US (09/093,120) 1998-06-08</p>	<p style="text-align: center;">[21] <b>2,333,568</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B41M 5/00</b> [25] EN [54] <b>INK-JET PRINTABLE SUBSTRATE WITH ANTICURL LAYER</b> [54] <b>SUBSTRAT POUR IMPRESSION PAR JET D'ENCRE REVETU D'UN ENDUIT ANTI-TUilage</b> [72] STOKES, BRUCE G., US [72] MACDONALD, JOHN GAVIN, US [72] BAGWELL, ALISON S., US [72] KRONZER, FRANK J., US [72] DOLSEY, RUSSELL L., US [72] NOHR, RONALD SINCLAIR, US [72] TURKEVICH, LEONID A., US [72] BRANHAM, KELLY D., US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 2000-11-28 [86] 1999-06-15 (PCT/US99/13458) [87] 1999-12-23 (WO99/65700) [30] US (60/089,528) 1998-06-15</p>	<p style="text-align: center;">[21] <b>2,333,571</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 222/14 6C08F 210/00 6C08G 67/02 6C08F 212/08 6C08F 218/08 6C10M 145/16 6C10L 1/18</b> [25] EN [54] <b>WAX CRYSTAL MODIFIERS FORMED FROM DIALKYL PHENYL FUMARATE</b> [54] <b>MODIFICATEURS DE CRISTAUX DE CIRE FORMES A PARTIR DE FUMARATE DE DIALKYLE-PHENYLE</b> [72] VARMA-NAIR, MANIKA, US [72] BERLUCHE, ENOCK, US [72] ZUSHMA, STEPHEN, US [72] PATIL, ABHIMANYU ONKAR, US [71] INFINEUM USA L.P., US [85] 2000-11-28 [86] 1999-05-13 (PCT/EP99/03313) [87] 1999-12-09 (WO99/62973) [30] US (09/087,256) 1998-05-29</p>
<p style="text-align: center;">[21] <b>2,333,567</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/02</b> [25] EN [54] <b>DEVICE TO PERMIT OFFPUMP BEATING HEART CORONARY BYPASS SURGERY</b> [54] <b>DISPOSITIF PERMETTANT LE PONTAGE CORONARIEN SUR UN COEUR QUI BAT ET SANS L'ASSISTANCE D'UNE POMPE</b> [72] ORTIZ, MARK, US [72] SPENCE, PAUL A., US [72] WILLIAMSON, WARREN P., IV, US [71] GUIDANT CORPORATION, US [85] 2000-11-28 [86] 1999-05-27 (PCT/US99/11655) [87] 1999-12-02 (WO99/60930) [30] US (09/087,511) 1998-05-29</p>	<p style="text-align: center;">[21] <b>2,333,569</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 25/26</b> [25] EN [54] <b>FILTERING ELEMENT FOR USE IN A FILTERING DEVICE</b> [54] <b>ELEMENT FILTRANT DESTINE A ETRE UTILISE DANS UN DISPOSITIF DE FILTRATION</b> [72] CHRISTOPHE, THEOPHILE, FR [72] DAVIDSSON, THOMAS, SE [71] ALFA LAVAL MOATTI SNC, FR [85] 2000-11-28 [86] 1999-06-03 (PCT/FR99/01303) [87] 1999-12-16 (WO99/64132) [30] FR (98/07071) 1998-06-05</p>	<p style="text-align: center;">[21] <b>2,333,572</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 227/32 6C07C 229/22 6C07C 303/38</b> [25] EN [54] <b>CHEMICAL PROCESS FOR THE STEREOSELECTIVE SYNTHESIS OF R-(-)-CARNITINE</b> [54] <b>PROCEDE CHIMIQUE DE SYNTHESE STEREOSELECTIVE DE R-(-)-CARNITINE</b> [72] TINTI, MARIA ORNELLA, IT [72] DE ANGELIS, FRANCESCO, IT [72] MARZI, MAURO, IT [71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT [85] 2000-11-28 [86] 1999-05-18 (PCT/IT99/00138) [87] 1999-12-09 (WO99/62864) [30] IT (RM98A000344) 1998-05-29</p>
<p style="text-align: center;">[21] <b>2,333,570</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21D 5/16</b> [25] EN [54] <b>SCREEN MEDIA AND A SCREENING PASSAGE THEREFOR</b> [54] <b>SUPPORT DE FILTRATION ET PASSAGE DE FILTRATION</b> [72] LUTZ, MARK S., US [72] SOIK, MATTHEW R., US [72] PURTON, DENNIS G., US [71] J&amp;L FIBER SERVICES, INC., US [85] 2000-11-28 [86] 1999-05-28 (PCT/US99/11907) [87] 1999-12-02 (WO99/61697) [30] US (09/086,902) 1998-05-29</p>	<p style="text-align: center;">[21] <b>2,333,573</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02J 3/18</b> [25] EN [54] <b>POWER-FACTOR CORRECTION ARRANGEMENT</b> [54] <b>DISPOSITIF DE CORRECTION DU FACTEUR DE PUISSANCE</b> [72] LEWIS, ERIC ANTHONY, GB [71] ALSTOM UK LTD, GB [85] 2000-11-28 [86] 1999-05-27 (PCT/GB99/01693) [87] 1999-12-09 (WO99/63640) [30] GB (9811488.7) 1998-05-29</p>	



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[21] **2,333,574**  
[13] A1

[51] **Int.Cl. 7H04B 7/15 7H01Q 3/26 7H04Q 7/38**  
[25] EN  
[54] **REPEATER APPARATUS**  
[54] **APPAREIL REPETEUR**  
[72] UESUGI, MITSURU, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-11-28  
[86] 2000-03-28 (PCT/JP00/01908)  
[87] 2000-10-12 (WO00/60767)  
[30] JP (11/94288) 1999-03-31

[21] **2,333,575**  
[13] A1

[51] **Int.Cl. 6B65B 1/06 6B65B 67/02 6B65D 43/10**  
[25] EN  
[54] **CAN BOTTOM HAVING IMPROVED STRENGTH AND APPARATUS FOR MAKING SAME**  
[54] **FOND DE BOITE A RESISTANCE AMELIOREE ET APPAREIL DE FABRICATION**  
[72] JONES, FLOYD A., US  
[72] CHENG, GIN-FUNG, US  
[71] CROWN CORK & SEAL TECHNOLOGIES CORPORATION, US  
[85] 2000-11-28  
[86] 1999-06-02 (PCT/US99/12269)  
[87] 1999-12-09 (WO99/62765)  
[30] US (09/090,000) 1998-06-03

[21] **2,333,576**  
[13] A1

[51] **Int.Cl. 6G06K 7/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR PROCESSING SECURITY DOCUMENTS**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE DOCUMENTS SECURITAIRES**  
[72] SANCHEZ, CAYETANO III, US  
[72] SZREK, WALTER, US  
[72] ABRAITIS, JOHN C., US  
[72] MONDOU, DENIS, CA  
[72] BOULAY, ROBERT, CA  
[72] GOUGEON, FRANCIS, CA  
[72] EHRHART, MICHAEL A., US  
[72] LAMBERT, CLAUDE, CA  
[72] DUEKER, TODD A., US  
[72] HUSSEY, ROBERT M., US  
[71] GTECH CORPORATION, US  
[71] WELCH ALLYN DATA COLLECTION, INC., US  
[71] OBERTHUR GAMING TECHNOLOGIES, INC., CA  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/US99/11929)  
[87] 1999-12-02 (WO99/62019)  
[30] US (09/087,337) 1998-05-29

[21] **2,333,577**  
[13] A1

[51] **Int.Cl. 6H01M 4/58 6H01M 10/40 6C01B 25/45**  
[25] EN  
[54] **LITHIUM-CONTAINING SILICON/PHOSPHATES, METHOD OF PREPARATION, AND USES THEREOF**  
[54] **SILICIUM/PHOSPHATES CONTENANT DU LITHIUM, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS**  
[72] SAIDI, M. YAZID, US  
[72] BARKER, JEREMY, US  
[71] VALENCE TECHNOLOGY, INC., US  
[85] 2000-11-28  
[86] 1999-05-20 (PCT/US99/11217)  
[87] 2000-01-06 (WO00/01024)  
[30] US (09/105,748) 1998-06-26

[21] **2,333,578**  
[13] A1

[51] **Int.Cl. 7A61K 39/39 7A61K 39/02 7A61P 37/04 7A61K 39/09 7A61K 39/12 7A61K 47/18 7A61K 47/26**  
[25] EN  
[54] **ADJUVANT AND VACCINE COMPOSITIONS CONTAINING MONOPHOSPHORYL LIPID A**  
[54] **COMPOSITIONS D'ADJUVANTS ET DE VACCINS CONTENANT UN LIPIDE MONOPHOSPHORYLE A**  
[72] LAPOSTA, VINCENT JAMES, US  
[72] ELDRIDGE, JOHN HAYWARD, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2000-11-28  
[86] 1999-07-13 (PCT/US99/15942)  
[87] 2000-01-27 (WO00/03744)  
[30] US (09/115,392) 1998-07-14

[21] **2,333,579**  
[13] A1

[51] **Int.Cl. 6H01L 21/336 6H01L 21/22**  
[25] EN  
[54] **SELF-ALIGNED METHODS OF FABRICATING SILICON CARBIDE POWER DEVICES BY IMPLANTATION AND LATERAL DIFFUSIONS**  
[54] **PROCEDES A ALIGNEMENT AUTOMATIQUE DE FABRICATION DE DISPOSITIFS DE PUISSANCE EN CARBURE DE SILICIUM PAR IMPLANTATION ET PAR DIFFUSION LATERALE**  
[72] SUVOROV, ALEXANDER V., US  
[72] PALMOUR, JOHN W., US  
[72] SINGH, RANBIR, US  
[71] CREE, INC., US  
[85] 2000-11-28  
[86] 1999-06-07 (PCT/US99/12714)  
[87] 1999-12-16 (WO99/65073)  
[30] US (09/093,207) 1998-06-08

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[21] **2,333,580**  
[13] A1

[51] **Int.Cl. 7C07F 9/09 7A61K 6/00 7C07F 9/12 7C07F 9/38 7C07F 9/40**  
[25] EN  
[54] **ORGANOPHOSPHORUS COMPOUNDS FOR DENTAL POLYMERIZABLE COMPOSITIONS**  
[54] **COMPOSES ORGANOPHOSPHORES POUR COMPOSITIONS DENTAIRES POLYMERISABLES**  
[72] TAKAHASHI, KOJI, JP  
[72] MINAMI, YASUJI, JP  
[72] HARADA, MIHO, JP  
[72] TERAOKA, EIICHI, JP  
[72] OHTSUKI, JUNICHI, JP  
[72] OKADA, KOICHI, JP  
[71] KURARAY CO., LTD., JP  
[85] 2000-11-28  
[86] 2000-03-30 (PCT/JP00/02002)  
[87] 2000-10-05 (WO00/58316)  
[30] JP (11/90662) 1999-03-31  
[30] JP (11/91653) 1999-03-31  
[30] JP (11/95145) 1999-04-01  
[30] JP (11/121319) 1999-04-28  
[30] JP (11/141004) 1999-05-21

[21] **2,333,582**  
[13] A1

[51] **Int.Cl. 6A61K 39/385**  
[25] EN  
[54] **NICOTINE IMMUNOGEN**  
[54] **IMMUNOGENE A LA NICOTINE**  
[72] JOHANSSON, ANETTE, SE  
[72] SVENSSON, TORGNY, SE  
[71] INDEPENDENT PHARMACEUTICA AB, SE  
[85] 2000-11-27  
[86] 1999-05-28 (PCT/SE99/00920)  
[87] 1999-12-02 (WO99/61054)  
[30] SE (9801923-5) 1998-05-29

[21] **2,333,583**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **REAL TIME BRACHYTHERAPY SPATIAL REGISTRATION AND VISUALIZATION SYSTEM**  
[54] **SYSTEME D'ENREGISTREMENT ET DE VISUALISATION SPATIAL EN TEMPS REEL UTILISE EN CURIETHERAPIE**  
[72] KOMADINA, BRUCE M., US  
[72] BURDETTE, EVERETTE C., US  
[71] BURDETTE MEDICAL SYSTEMS, INC., US  
[85] 2000-11-27  
[86] 1999-05-28 (PCT/US99/11847)  
[87] 1999-12-02 (WO99/60921)  
[30] US (09/087,453) 1998-05-29

[21] **2,333,584**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING A SET OF DATABASE ENTRIES**  
[54] **METHODE DE DETERMINATION D'UN ENSEMBLE D'ENTREES DE BASE DE DONNEES ET APPAREIL CORRESPONDANT**  
[72] WEGBREIT, ELIOT, LEONARD, US  
[72] WALSH, GREGORY VINCENT, US  
[72] ALMGREN, JONAS, US  
[71] E. PIPHANY, INC., US  
[85] 2000-11-28  
[86] 1999-05-27 (PCT/US99/11735)  
[87] 1999-12-02 (WO99/62006)  
[30] US (09/087,518) 1998-05-29

[21] **2,333,585**  
[13] A1

[51] **Int.Cl. 6H04N 7/18 6H04N 9/47**  
[25] EN  
[54] **MINIATURE INSPECTION SYSTEM**  
[54] **SYSTEME D'EXAMEN D'OBJETS TRES PETITS**  
[72] MERVA, JOHN J., US  
[72] BOUVIER, WILLIAM P., US  
[72] WHITE, TIMOTHY P., US  
[71] NORTHEAST ROBOTICS INC., US  
[85] 2000-11-27  
[86] 1999-05-28 (PCT/US99/11937)  
[87] 1999-12-02 (WO99/62263)  
[30] US (09/087,239) 1998-05-29  
[30] US (09/087,240) 1998-05-29

[21] **2,333,586**  
[13] A1

[51] **Int.Cl. 6A61K 9/70 6A61K 31/565**  
[25] EN  
[54] **MATRIX-TYPE TRANSDERMAL PATCH FOR STEROID HORMONES**  
[54] **TIMBRE TRANSDERMIQUE, DU TYPE MATRICE, DESTINE A DES HORMONES STEROIDES**  
[72] ROVATI, LUCIO C., IT  
[72] SANTORO, ANTONINO, IT  
[71] ROTTAPHARM B.V., NL  
[85] 2000-11-28  
[86] 1999-06-22 (PCT/EP99/04305)  
[87] 1999-12-29 (WO99/66908)  
[30] DE (198 27 732.6) 1998-06-22

[21] **2,333,587**  
[13] A1

[51] **Int.Cl. 6C08F 2/34 6C08F 10/00 6B01J 19/00 6B01J 8/18 6B01J 8/44**  
[25] EN  
[54] **PROCESS FOR EARLY DETECTION OF REACTOR FOULING IN GAS PHASE POLYMERISATION**  
[54] **PROCEDE DE DETECTION AVANCEE DE L'ENCRASSAGE D'UN REACTEUR DANS UN PROCESSUS DE POLYMERISATION EN PHASE GAZEUSE**  
[72] MULLER, MICHAEL, DE  
[72] OBERMANN, DETLEF, DE  
[72] HAARDT, HANS-JURGEN, DE  
[72] NIEDERBERGER, HANS-LUDWIG, DE  
[72] SCHOOF, JOHANNES, DE  
[72] HEMMERSBACH, HANS-PETER, DE  
[72] WERLE, KARL-HEINZ, DE  
[71] BP CHEMICALS LIMITED, GB  
[85] 2000-11-27  
[86] 1999-05-26 (PCT/GB99/01656)  
[87] 1999-12-02 (WO99/61485)  
[30] EP (98430014.5) 1998-05-28

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[21] **2,333,588**  
[13] A1

[51] **Int.Cl. 6H04M 3/42 6H04M 1/00 6H04M 3/54**  
[25] EN  
[54] **PROGRAMMABLE AUTOMATIC INVOCATION OF TELECOMMUNICATIONS SERVICES**  
[54] **APPEL AUTOMATIQUE PROGRAMMABLE DE SERVICES DE TELECOMMUNICATION**  
[72] NILSSON, JESSICA, SE  
[72] NILSSON, JAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/SE99/00923)  
[87] 1999-12-09 (WO99/63737)  
[30] US (09/088,982) 1998-06-20

[21] **2,333,591**  
[13] A1

[51] **Int.Cl. 6A61F 2/06**  
[25] EN  
[54] **MULTIPLE-SIDED INTRALUMINAL MEDICAL DEVICE**  
[54] **DISPOSITIF MEDICAL INTRACAVITAIRE POSSEDANT DES COTES MULTIPLES**  
[72] OSBORNE, THOMAS A., US  
[72] ROSCH, JOSEF, US  
[72] KELLER, FREDERICK S., US  
[72] PAVCNIK, DUSAN, US  
[71] COOK INCORPORATED, US  
[85] 2000-11-28  
[86] 1999-06-02 (PCT/US99/12206)  
[87] 1999-12-09 (WO99/62431)  
[30] US (60/087,661) 1998-06-20

[21] **2,333,594**  
[13] A1

[51] **Int.Cl. 6A61B 17/02**  
[25] EN  
[54] **BEATING HEART CORONARY BYPASS SURGICAL DEVICE**  
[54] **DISPOSITIF PERMETTANT LE PONTAGE CORONARIEN SUR UN COEUR QUI BAT ET SANS L'ASSISTANCE D'UNE POMPE**  
[72] SPENCE, PAUL A., US  
[72] WILLIAMSON, WARREN P., IV, US  
[71] GUIDANT CORPORATION, US  
[85] 2000-11-28  
[86] 1999-05-27 (PCT/US99/11654)  
[87] 1999-12-02 (WO99/60929)  
[30] US (09/087,511) 1998-05-29  
[30] US (09/109,924) 1998-07-02

[21] **2,333,589**  
[13] A1

[51] **Int.Cl. 6G07C 9/00 6G07F 7/10**  
[25] EN  
[54] **VISUAL CODE RECORDAL AND COMMUNICATION THEREOF**  
[54] **SYSTEME VISUEL SERVANT A MEMORISER UN CODE ET A LE COMMUNIQUER**  
[72] DAVIES, JOHN HUGH EVANS, GB  
[71] VISAGE DEVELOPMENTS LIMITED, GB  
[85] 2000-11-28  
[86] 1999-05-27 (PCT/GB99/01688)  
[87] 1999-12-09 (WO99/63492)  
[30] GB (9811550.4) 1998-05-30

[21] **2,333,592**  
[13] A1

[51] **Int.Cl. 6A61K 51/08 6A61K 47/48**  
[25] EN  
[54] **METHODS OF INHIBITING CLOT FORMATION**  
[54] **PROCEDES D'INHIBITION DE LA FORMATION DE CAILLOTS**  
[72] REED, GUY L., US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2000-11-27  
[86] 1999-05-28 (PCT/US99/11843)  
[87] 1999-12-02 (WO99/61072)  
[30] US (60/087,218) 1998-05-29

[21] **2,333,595**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04Q 11/04**  
[25] EN  
[54] **METHOD FOR REMOVAL OF ATM CELLS FROM AN ATM COMMUNICATIONS DEVICE**  
[54] **PROCEDE POUR ELIMINER DES CELLULES ATM D'UN DISPOSITIF DE COMMUNICATION ATM**  
[72] HEISS, HERBERT, DE  
[72] THUDT, RAIMAR, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-11-27  
[86] 1999-02-26 (PCT/EP99/01242)  
[87] 1999-12-09 (WO99/63715)  
[30] EP (98109877.5) 1998-05-29

[21] **2,333,590**  
[13] A1

[51] **Int.Cl. 7B28B 1/02 7B28B 7/34**  
[25] EN  
[54] **ROTARY TROWEL FOR USE IN THE MOLDING OF CERAMICS AND METHOD FOR PRODUCTION THEREOF**  
[54] **TRUELLE ROTATIVE POUR LE MOULAGE DE CERAMIQUES ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] SUZUKI, YOSHIHIKO, JP  
[72] KATO, SEIZO, JP  
[72] ISHIKAWA, ATSUO, JP  
[71] VANTICO AG, CH  
[85] 2000-11-27  
[86] 1999-07-15 (PCT/EP99/05010)  
[87] 2000-02-03 (WO00/05045)  
[30] JP (10/225222) 1998-07-24

[21] **2,333,593**  
[13] A1

[51] **Int.Cl. 7C07D 213/89 7C07B 41/00**  
[25] EN  
[54] **IMPROVED METHOD FOR PRODUCING 2-HALOPYRIDINE-N-OXIDE**  
[54] **AMELIORATION APPORTEE A UN PROCEDE DE PRODUCTION DE N-OXYDE DE 2-HALOPYRIDINE**  
[72] HERMES, KARL, DE  
[72] SENDELBACH, STEFAN, DE  
[72] BARTH, VOLKER, DE  
[72] BIEDENBACH, BRUNO, DE  
[72] WEINZIERL, DIETER, DE  
[71] RUTGERS ORGANICS GMBH, DE  
[85] 2000-11-28  
[86] 1999-07-21 (PCT/EP99/05184)  
[87] 2000-02-10 (WO00/06548)  
[30] DE (198 34 336.1) 1998-07-30

[21] **2,333,596**  
[13] A1

[51] **Int.Cl. 6B60Q 1/14**  
[25] EN  
[54] **IMAGING SYSTEM FOR VEHICLE HEADLAMP CONTROL**  
[54] **SYSTEME D'IMAGERIE UTILE POUR COMMANDER LES PHARES AVANT D'UN VEHICULE**  
[72] BECHTEL, JON H., US  
[72] ROBERTS, JOHN K., US  
[72] STAM, JOSEPH S., US  
[71] GENTEX CORPORATION, US  
[85] 2000-11-28  
[86] 1999-06-04 (PCT/US99/12326)  
[87] 1999-12-16 (WO99/64267)  
[30] US (09/093,993) 1998-06-09

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[21] **2,333,597**  
[13] A1

[51] **Int.Cl. 6H01S 3/025 6G02B 6/42**  
[25] EN  
[54] **HOUSING ARRANGEMENT FOR A LASER MODULE**  
[54] **ENSEMBLE BOITIER POUR MODULE LASER**  
[72] AURACHER, FRANZ, DE  
[72] ALTHAUS, HANS-LUDWIG, DE  
[71] INFINEON TECHNOLOGIES AG, DE  
[85] 2000-11-27  
[86] 1999-05-27 (PCT/DE99/01562)  
[87] 1999-12-02 (WO99/62150)  
[30] DE (198 23 691.3) 1998-05-27

[21] **2,333,598**  
[13] A1

[51] **Int.Cl. 6C12N 15/30 6A61K 39/002 6C12N 15/11 6C07K 14/45 6G01N 33/569**  
[25] EN  
[54] **TOXOPLASMA GONDII ANTIGENS, P35, AND USES THEREOF**  
[54] **COCKTAILS D'ANTIGENES, ANTIGENE P35, ET LEURS APPLICATIONS**  
[72] TYNER, JOAN D., US  
[72] PARMLEY, STEPHEN F., US  
[72] CHOVAN, LINDA E., US  
[72] REMINGTON, JACK S., US  
[72] SHEU, MICHAEL JYH-TSING, US  
[72] ARAUJO, FAUSTO, US  
[72] MAINE, GREGORY T., US  
[72] SUZUKI, YASHUHIRO, US  
[72] HOWARD, LAWRENCE V., US  
[72] LI, SHUILI, US  
[72] BROJANAC, SUSAN, US  
[72] HUNT, JEFFREY C., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-11-28  
[86] 1999-05-27 (PCT/US99/11720)  
[87] 1999-12-02 (WO99/61906)  
[30] US (09/086,503) 1998-05-28  
[30] US (09/303,064) 1999-04-30

[21] **2,333,599**  
[13] A1

[51] **Int.Cl. 6C10J 3/26**  
[25] EN  
[54] **GASIFIERS WITH NON RADIAL TUYERES**  
[54] **GAZOGENES**  
[72] LING, MICHAEL JOHN ARCHER, GB  
[71] DEDAR LIMITED, GB  
[85] 2000-11-27  
[86] 1999-05-27 (PCT/GB99/01671)  
[87] 1999-12-02 (WO99/61561)  
[30] GB (9811415.0) 1998-05-28

[21] **2,333,600**  
[13] A1

[51] **Int.Cl. 6H01R 4/24**  
[25] EN  
[54] **PRESSURE WELDING CONNECTION TYPE CONNECTOR AND PRESSURE WELDING METHOD THEREFOR**  
[54] **CONNECTEUR DU TYPE A CONNEXION POUR SOUDAGE AVEC PRESSION ET PROCEDE APPROPRIE DE SOUDAGE AVEC PRESSION**  
[72] MATSUOKA, HIROYUKI, JP  
[72] FUKUSHI, MAKOTO, JP  
[72] SHIMADA, MASASHI, JP  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-11-28  
[86] 1999-05-25 (PCT/US99/11535)  
[87] 1999-12-23 (WO99/66598)  
[30] JP (10/166929) 1998-06-15

[21] **2,333,601**  
[13] A1

[51] **Int.Cl. 6A61K 7/48**  
[25] EN  
[54] **SURFACTANT FOR USE IN EXTERNAL PREPARATIONS FOR SKIN AND EXTERNAL PREPARATION FOR SKIN CONTAINING THE SAME**  
[54] **TENSIOACTIF POUR PREPARATION A USAGE EXTERNE DE SOIN DE LA PEAU, PREPARATION A USAGE EXTERNE DE SOIN DE LA PEAU CONTENANT CE TENSIOACTIF**  
[72] FURUYA, KAZUO, JP  
[72] ITO, SHINOBU, JP  
[72] MASATSUJI, EIKO, JP  
[72] YONEDA, TADASHI, JP  
[72] TSUZUKI, TOSHI, JP  
[72] MIYOTA, YOSHIKI, JP  
[72] TAKAMA, MICHIIRO, JP  
[71] SHOWA DENKO K.K., JP  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/JP99/02858)  
[87] 1999-12-09 (WO99/62482)  
[30] JP (10/149088) 1998-05-29  
[30] JP (11/71048) 1999-03-16

[21] **2,333,602**  
[13] A1

[51] **Int.Cl. 6C12N 15/62 6C12N 15/30 6C07K 14/445 6C12N 15/79**  
[25] EN  
[54] **EXPRESSION VECTOR FOR USE IN A ONE-STEP PURIFICATION PROTOCOL**  
[54] **VECTEUR D'EXPRESSION DESTINE A ETRE UTILISE DANS UN PROTOCOLE DE PURIFICATION EN UNE ETAPE**  
[72] FASEL, NICOLAS JOSEPH, CH  
[72] REYMOND, CHRISTOPHE DOMINIQUE, CH  
[71] RMF DICTAGENE S.A., CH  
[85] 2000-11-27  
[86] 1999-06-16 (PCT/EP99/04157)  
[87] 1999-12-23 (WO99/66053)  
[30] EP (98202018.2) 1998-06-16

[21] **2,333,603**  
[13] A1

[51] **Int.Cl. 6C07D 277/04 6C07D 417/12 6C07D 295/18 6A61K 31/425**  
[25] EN  
[54] **NEW DIPEPTIDYL PEPTIDASE IV EFFECTORS**  
[54] **NOUVEAUX EFFECTEURS DE DIPEPTIDYLPEPTIDASE IV**  
[72] DEMUTH, HANS-ULRICH, DE  
[72] GLUND, KONRAD, DE  
[72] KRUBER, SUSANNE, DE  
[72] SCHLENZIG, DAGMAR, DE  
[71] PROBIODRUG GESELLSCHAFT FUR ARZNEIMITTELFORSCHUNG MBH, DE  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/EP99/03712)  
[87] 1999-12-02 (WO99/61431)  
[30] DE (198 23 831.2) 1998-05-28

[21] **2,333,604**  
[13] A1

[51] **Int.Cl. 6H04J 14/02**  
[25] EN  
[54] **CENTRALIZED WAVELENGTH DISTRIBUTION FOR WAVELENGTH DIVISION MULTIPLEXED SYSTEMS**  
[54] **REPARTITION CENTRALISEE EN LONGUEUR D'ONDE POUR SYSTEMES MULTIPLEXES EN LONGUEUR D'ONDE**  
[72] ANDERSON, GORDON EMORY, US  
[71] TELCORDIA TECHNOLOGIES, INC., US  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/US99/11866)  
[87] 1999-12-09 (WO99/63693)  
[30] US (09/088,977) 1998-06-02

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[21] **2,333,605**  
[13] A1  
[51] **Int.Cl. 6C08L 83/10 6C08L 83/06  
6C08L 101/10 6C08K 3/22 6C08K 3/34  
6C08K 3/36**  
[25] EN  
[54] **CURABLE COMPOSITION**  
[54] **COMPOSITION DURCISSABLE**  
[72] CHIBA, MAKOTO, JP  
[72] TAKASE, JUNJI, JP  
[71] KANEKA CORPORATION, JP  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/JP99/02869)  
[87] 1999-12-02 (WO99/61528)  
[30] JP (10/147810) 1998-05-28  
[30] JP (10/230378) 1998-08-17  
[30] JP (10/339030) 1998-11-30

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[21] **2,333,606**  
[13] A1  
[51] **Int.Cl. 6A63B 37/00**  
[25] EN  
[54] **IMPROVED GOLF BALL  
UTILIZING SILICONE MATERIALS**  
[54] **BALLE DE GOLF AMELIOREE  
COMPORANT DES MATIERES  
SILICONES**  
[72] BINETTE, MARK L., US  
[72] SULLIVAN, MICHAEL J., US  
[72] KELLER, VIKTOR, US  
[71] SPALDING SPORTS WORLDWIDE,  
INC., US  
[85] 2000-09-21  
[86] 1999-03-26 (PCT/US99/06640)  
[87] 1999-09-30 (WO99/48568)  
[30] US (09/048,578) 1998-03-26

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[21] **2,333,607**  
[13] A1  
[51] **Int.Cl. 6A61M 37/00**  
[25] EN  
[54] **DIRECT DUAL FILLING DEVICE  
FOR SEALING AGENTS**  
[54] **DISPOSITIF A DOUBLE  
REPLISSAGE DIRECT POUR  
AGENTS D'ETANCHEITE**  
[72] SPERO, RICHARD, US  
[72] LEVINSON, MITCHELLE E., US  
[72] EPSTEIN, GORDON HOWARD, US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2000-11-28  
[86] 1999-06-02 (PCT/US99/12285)  
[87] 1999-12-09 (WO99/62588)  
[30] US (60/087,856) 1998-06-03  
[30] US (09/307,056) 1999-05-07

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[21] **2,333,608**  
[13] A1  
[51] **Int.Cl. 6A63F 9/04**  
[25] EN  
[54] **DIE USED ON A GAMING TABLE**  
[54] **DE POUR TABLE DE JEUX**  
[72] SCARSELLI, ANTONIO, US  
[71] HAND ROLLE, INC., US  
[85] 2000-11-28  
[86] 1999-05-27 (PCT/US99/11703)  
[87] 1999-12-02 (WO99/61120)  
[30] US (09/085,577) 1998-05-28

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[21] **2,333,610**  
[13] A1  
[51] **Int.Cl. 6C11D 3/30 6C11D 3/37  
6C11D 1/83**  
[25] EN  
[54] **DISHWASHING DETERGENT  
COMPOSITIONS CONTAINING  
ORGANIC DIAMINES**  
[54] **COMPOSITIONS DETERGENTES  
POUR LA VAISSELLE CONTENANT  
DES DIAMINES ORGANIQUES**  
[72] CASTRO, ARTEMIO, US  
[72] OWENS, ROBERT, US  
[72] VINSON, PHILLIP KYLE, US  
[72] OGLESBY, JANICE LEE, US  
[72] CLARKE, JOANNA MARGARET, BE  
[72] KASTURI, CHANDRIKA, US  
[72] SCHEPER, WILLIAM MICHAEL, US  
[72] EMBLETON, GARRY KENNETH, BE  
[72] OFOSU-ASANTE, KOFI, US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2000-11-28  
[86] 1999-02-05 (PCT/US99/02553)  
[87] 1999-12-09 (WO99/63034)  
[30] US (60/087,693) 1998-06-02

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[21] **2,333,611**  
[13] A1  
[51] **Int.Cl. 6B65D 1/02 6B65D 21/02**  
[25] EN  
[54] **HYDROSTATIC CONTAINERS  
CONTENANT HYDROSTATIQUE**  
[72] VESBORG, STEEN, DK  
[71] COLGATE-PALMOLIVE COMPANY,  
US  
[85] 2000-11-28  
[86] 1999-05-27 (PCT/US99/11813)  
[87] 1999-12-02 (WO99/61325)  
[30] US (09/087,186) 1998-05-29

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[21] **2,333,612**  
[13] A1  
[51] **Int.Cl. 6F16L 25/00**  
[25] EN  
[54] **STRUCTURAL CONNECTION  
BETWEEN SWIVELS IN SWIBEL  
STACK**  
[54] **RACCORD STRUCTUREL ENTRE  
LES TETES D'INJECTION FAISANT  
PARTIE D'UNE PILE DE TETES  
D'INJECTION**  
[72] PERSCHKE, MALCOLM J., US  
[72] TURNER, MALCOLM E., US  
[71] FMC CORPORATION, US  
[85] 2000-11-28  
[86] 1999-06-23 (PCT/US99/14218)  
[87] 1999-12-29 (WO99/67563)  
[30] US (60/090,482) 1998-06-24

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[21] **2,333,613**  
[13] A1  
[51] **Int.Cl. 6H04L 9/32**  
[25] EN  
[54] **METHOD OF CONTROLLING  
USAGE OF SOFTWARE COMPONENTS**  
[54] **PROCEDE DE COMMANDE  
D'UTILISATION DE COMPOSANTS  
LOGICIELS**  
[72] KNAPTON, KENNETH S., III, US  
[71] INTEL CORPORATION, US  
[85] 2000-11-28  
[86] 1999-05-19 (PCT/US99/11106)  
[87] 1999-12-09 (WO99/63707)  
[30] US (09/092,632) 1998-06-05

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<p style="text-align: right;">[21] <b>2,333,614</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06T 7/60 6G06F 19/00</b> [25] EN [54] <b>METHOD OF UNSUPERVISED CELL NUCLEI SEGMENTATION</b> [54] <b>PROCEDE DE SEGMENTATION NON DIRIGEE DE NOYAUX CELLULAIRES</b> [72] BAMFORD, PASCAL, AU [72] LOVELL, BRIAN, AU [71] THE UNIVERSITY OF QUEENSLAND, AU [71] THE UNIVERSITY OF MELBOURNE, AU [71] THE COMMONWEALTH OF AUSTRALIA REPRESENTED BY DSTO, AU [71] COMPAQ COMPUTER AUSTRALIA PTY LTD, AU [71] RLM SYSTEMS PTY LTD., AU [71] CEA TECHNOLOGIES PTY LIMITED, AU [71] TELSTRA CORPORATION LIMITED, AU [71] THE UNIVERSITY OF ADELAIDE, AU [71] FLINDERS UNIVERSITY OF SOUTH AUSTRALIA, AU [71] THE UNIVERSITY OF SOUTH AUSTRALIA, AU [85] 2000-09-29 [86] 1999-03-30 (PCT/AU99/00231) [87] 1999-10-14 (WO99/52074) [30] AU (PP 2786) 1998-04-03</p>	<p style="text-align: right;">[21] <b>2,333,617</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 5/06</b> [25] EN [54] <b>METHOD AND DEVICE FOR THE SUPERFICIAL HEATING OF TISSUE</b> [54] <b>PROCEDE ET DISPOSITIF POUR CHAUFFER SUPERFICIELLEMENT UN TISSU</b> [72] HIBST, RAIMUND, DE [72] FALKENSTEIN, WERNER, DE [71] CARL BAASEL LASERTECHNIK GMBH, DE [85] 2000-11-28 [86] 1999-05-28 (PCT/EP99/03720) [87] 1999-12-02 (WO99/61105) [30] DE (198 23 947.5) 1998-05-28</p>	<p style="text-align: right;">[21] <b>2,333,620</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 477/14 6A61K 31/40</b> [25] EN [54] <b>BENZOTHAZOLYTHIOMETHYL CARBAPENEM ANTIBACTERIAL</b> [54] <b>COMPOSES ANTIBACTERIENS DE CARBAPENEM</b> <b>BENZOTHAZOLYTHIOMETHYLE</b> [72] DININNO, FRANK P., US [72] HAMMOND, MILTON L., US [72] DYKSTRA, KEVIN D., US [71] MERCK &amp; CO., INC., US [85] 2000-11-28 [86] 1999-05-28 (PCT/US99/11863) [87] 1999-12-09 (WO99/62906) [30] US (60/087,726) 1998-06-02</p>
<p style="text-align: right;">[21] <b>2,333,616</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01R 19/00</b> [25] EN [54] <b>AC CURRENT SENSOR HAVING HIGH ACCURACY AND LARGE BANDWIDTH</b> [54] <b>AMPEREMETRE EN COURANT ALTERNATIF DOTE D'UNE PRECISION ELEVEE ET A GRANDE LARGEUR DE BANDE</b> [72] KUSTERA, DANIEL, US [72] GOODWIN, SHAUN, US [71] AIRPAX CORPORATION, L.L.C., US [71] KUSTERA, DANIEL, US [71] GOODWIN, SHAUN, US [85] 2000-11-06 [86] 1999-05-07 (PCT/US99/10101) [87] 1999-11-11 (WO99/57578) [30] US (60/084,531) 1998-05-07</p>	<p style="text-align: right;">[21] <b>2,333,618</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01L 3/00 6B01J 19/00</b> [25] EN [54] <b>MICROFLUIDIC DEVICE</b> [54] <b>DISPOSITIF MICROFLUIDIQUE</b> [72] ANDERSSON, PER, SE [72] ALLMER, KLAS, SE [72] LARSSON, ANDERS, SE [71] GYROS AB, SE [85] 2000-11-07 [86] 1999-05-07 (PCT/IB99/00907) [87] 1999-11-18 (WO99/58245) [30] GB (9809943.5) 1998-05-08</p>	<p style="text-align: right;">[21] <b>2,333,621</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 205/00 6A61K 31/395</b> [25] EN [54] <b>CARBAPENEM ANTIBACTERIAL COMPOUNDS, COMPOSITIONS CONTAINING SUCH COMPOUNDS AND METHODS OF TREATMENT</b> [54] <b>COMPOSES ANTIBACTERIENS DE CARBAPENEM, COMPOSITIONS RENFERMANT CES COMPOSES, ET METHODES DE TRAITEMENT</b> [72] DININNO, FRANK P., US [72] DYKSTRA, KEVIN D., US [71] MERCK &amp; CO., INC., US [85] 2000-11-28 [86] 1999-05-28 (PCT/US99/11865) [87] 1999-12-09 (WO99/62878) [30] US (60/087,722) 1998-06-02</p>
<p style="text-align: right;">[21] <b>2,333,619</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01R 31/36</b> [25] EN [54] <b>MEANS FOR ESTIMATING CHARGED STATE OF BATTERY AND METHOD FOR ESTIMATING DEGRADED STATE OF BATTERY</b> [54] <b>MOYEN PERMETTANT D'EVALUER L'ETAT DE CHARGE D'UNE BATTERIE ET PROCEDE PERMETTANT D'EVALUER L'ETAT DE DECHARGE D'UNE BATTERIE</b> [72] KIKUCHI, YOSHIKI, JP [72] KURODA, YUKIO, JP [72] WATANABE, NOBUO, JP [71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP [85] 2000-11-28 [86] 1999-05-25 (PCT/JP99/02728) [87] 1999-12-02 (WO99/61929) [30] JP (10/146828) 1998-05-28 [30] JP (10/160393) 1998-06-09</p>	<p style="text-align: right;">[21] <b>2,333,622</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G09G 3/20 7G09G 3/36</b> [25] EN [54] <b>IMAGE QUALITY CORRECTING CIRCUIT</b> [54] <b>CIRCUIT DE CORRECTION DE QUALITE D'IMAGE</b> [72] KOBAYASHI, MASAYUKI, JP [72] NAKAJIMA, MASAMICHI, JP [71] FUJITSU GENERAL LIMITED, JP [85] 2000-11-28 [86] 2000-03-27 (PCT/JP00/01872) [87] 2000-10-12 (WO00/60566) [30] JP (11/92014) 1999-03-31 [30] JP (11/280633) 1999-09-30 [30] JP (11/309224) 1999-10-29</p>	

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[21] **2,333,623**  
[13] A1

[51] **Int.Cl. 6H03K 19/094 6H03K 19/00**  
[25] EN  
[54] **MULTIPLE-VALUED LOGIC CIRCUIT ARCHITECTURE: SUPPLEMENTARY SYMMETRICAL LOGIC CIRCUIT STRUCTURE (SUS-LOC)**  
[54] **ARCHITECTURE DE CIRCUIT POUR LOGIQUE MULTIFORME: STRUCTURE DE CIRCUIT A LOGIQUE SYMETRIQUE SUPPLEMENTAIRE (SUS-LOC)**  
[72] OLSON, EDGAR DANNY, US  
[71] OLSON, EDGAR DANNY, US  
[85] 2000-11-27  
[86] 1999-05-21 (PCT/US99/11349)  
[87] 1999-12-09 (WO99/63669)  
[30] US (09/086,869) 1998-05-29

[21] **2,333,624**  
[13] A1

[51] **Int.Cl. 6H01F 7/00 6H01F 3/00 6F16K 21/02 6H01F 7/10 6H01F 7/18**  
[25] EN  
[54] **SOLENOID ASSEMBLY FOR USE WITH HIGH ACCURACY MECHANISMS**  
[54] **ENSEMBLE SOLENOIDE CONCU POUR DES MECANISMES DE HAUTE PRECISION**  
[72] MEYER, JEFFRY R., US  
[71] ABB POWER T & D COMPANY INC., US  
[85] 2000-11-28  
[86] 1999-05-18 (PCT/US99/10886)  
[87] 1999-12-02 (WO99/62083)  
[30] US (09/086,553) 1998-05-28

[21] **2,333,625**  
[13] A1

[51] **Int.Cl. 6B65D 85/10**  
[25] EN  
[54] **PACKAGE PROVIDED WITH A COUPON AND METHOD FOR OBTAINING SAID PACKAGE**  
[54] **EMBALLAGE MUNI D'UN COUPON ET PROCEDE D'OBTENTION DUDIT EMBALLAGE**  
[72] TALLIER, BERNARD, CH  
[72] FIEMS, JEAN-PIERRE, CH  
[71] FABRIQUES DE TABAC RÉUNIES SA, CH  
[85] 2000-11-24  
[86] 1999-05-26 (PCT/CH99/00228)  
[87] 1999-12-02 (WO99/61348)  
[30] CH (98810491.5) 1998-05-26

[21] **2,333,626**  
[13] A1

[51] **Int.Cl. 6A61N 7/00**  
[25] EN  
[54] **METHOD FOR PREVENTION AND TREATMENT OF CANCER AND OTHER CELL PROLIFERATIVE DISEASES WITH ULTRASONIC ENERGY**  
[54] **METHODE DE PREVENTION ET DE TRAITEMENT DU CANCER ET D'AUTRES MALADIES A PROLIFERATION CELLULAIRE A L'AIDE DE L'ENERGIE ULTRASONORE**  
[72] ROSENSCHEIN, URI, IL  
[72] ROZENSZAJN, L. ARIE, IL  
[71] ANGIOSONICS INC., US  
[85] 2000-06-16  
[86] 1998-12-18 (PCT/US98/26959)  
[87] 2000-06-29 (WO00/37140)

[21] **2,333,627**  
[13] A1

[51] **Int.Cl. 6A63B 69/36**  
[25] EN  
[54] **GOLF SWING PRACTICE DEVICE**  
[54] **DISPOSITIF D'ENTRAINEMENT AU SWING DE GOLF**  
[72] APHORP, MARK S., CA  
[71] GSP CO. INC., CA  
[85] 2000-11-28  
[86] 1998-12-30 (PCT/CA98/01205)  
[87] 1999-12-02 (WO99/61117)  
[30] US (09/084,974) 1998-05-28

[21] **2,333,628**  
[13] A1

[51] **Int.Cl. 7H04L 1/12 7H04L 29/08**  
[25] EN  
[54] **COMMUNICATION TERMINAL, BASE STATION, AND METHOD OF RADIO COMMUNICATION**  
[54] **TERMINAL DE COMMUNICATION, STATION DE BASE ET PROCEDE DE RADIOCOMMUNICATION**  
[72] UESUGI, MITSURU, JP  
[72] SHI, GUIZENG, JP  
[72] KATO, OSAMU, JP  
[71] MATSUSHITA ELECTRICAL INDUSTRIAL CO., LTD., JP  
[85] 2000-11-28  
[86] 2000-03-23 (PCT/JP00/01754)  
[87] 2000-10-12 (WO00/60798)  
[30] JP (11/94351) 1999-03-31  
[30] JP (11/102734) 1999-04-09

[21] **2,333,629**  
[13] A1

[51] **Int.Cl. 6C07D 491/048 6C07D 221/00 6C07D 307/00 6A61K 31/44**  
[25] EN  
[54] **FUOPYRIDINE DERIVATIVES AND THEIR THERAPEUTICAL USE**  
[54] **DERIVES DE FUOPYRINE ET LEUR UTILISATION THERAPEUTIQUE**  
[72] MONTANA, JOHN GARY, GB  
[72] BUCKLEY, GEORGE, GB  
[72] LOWE, CHRISTOPHER, GB  
[72] DYKE, HAZEL JOAN, GB  
[72] HAUGHAN, ALAN FINDLAY, GB  
[72] SABIN, VERITY MARGARET, GB  
[72] SHARPE, ANDREW, GB  
[71] DARWIN DISCOVERY LIMITED, GB  
[85] 2000-11-28  
[86] 1999-06-07 (PCT/GB99/01791)  
[87] 1999-12-16 (WO99/64423)  
[30] GB (9812322.7) 1998-06-08  
[30] GB (9820768.1) 1998-09-23

[21] **2,333,630**  
[13] A1

[51] **Int.Cl. 6B23K 35/30 6C22C 45/04**  
[25] EN  
[54] **COBALT-CHROMIUM-PALLADIUM-BASED BRAZING ALLOYS**  
[54] **ALLIAGES DE BRASAGE COBALT-CHROME-PALLADIUM**  
[72] RABINKIN, ANATOL, US  
[71] ALLIEDSIGNAL INC., US  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/US99/11867)  
[87] 1999-12-02 (WO99/61195)  
[30] US (09/086,832) 1998-05-29

[21] **2,333,631**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **DISPOSABLE ABSORBENT ARTICLE HAVING FECAL MANAGEMENT LAYER**  
[54] **ARTICLE ABSORBANT JETABLE COMPORTANT UN ELEMENT SERVANT A RETENIR LES MATIERES FECALES**  
[72] MULLER, JORG, DE  
[72] BAST, TIM, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-28  
[86] 1998-11-16 (PCT/US98/24387)  
[87] 1999-05-27 (WO99/25293)  
[30] US (PCT/US97/20840) 1997-11-14  
[30] US (PCT/US97/20701) 1997-11-14

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,333,632</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F28D 7/00</b> [25] EN [54] <b>HEATING SYSTEM FOR POTABLE WATER AND RELATIVELY SMALL AREAS</b> [54] <b>SYSTEME DE CHAUFFAGE D'EAU POTABLE A SURFACES RELATIVEMENT FAIBLES</b> [72] RIXEN, JAMES M., US [71] RIXEN, JAMES M., US [85] 2000-11-28 [86] 1999-05-29 (PCT/US99/11932) [87] 1999-12-02 (WO99/61844) [30] US (60/087,184) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,333,635</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/225 7G02F 1/03</b> [25] EN [54] <b>METHOD AND APPARATUS FOR STABLE CONTROL OF ELECTROOPTIC DEVICES</b> [54] <b>PROCEDE ET APPAREIL DE REGULATION STABLE DE DISPOSITIFS ELECTRO-OPTIQUES</b> [72] FRITZ, DANIEL J., US [72] MCBRIEN, GREGORY J., US [72] KISSA, KARL M., US [71] JDS UNIPHASE CORPORATION, US [85] 2000-11-28 [86] 2000-03-31 (PCT/US00/08770) [87] 2000-10-12 (WO00/60411) [30] US (09/282,955) 1999-04-01</p>	<p style="text-align: right;">[21] <b>2,333,638</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 27/08 6B32B 27/10 6B32B 27/36 6B65D 5/56</b> [25] EN [54] <b>POLYOLEFIN-TIE MATERIAL FREE BARRIER CARTON WITH POLYETHYLENE TEREPHTHALATE PRODUCT CONTACT LAYER</b> [54] <b>BOITE A BARRIERE SANS MATIERE DE LIAISON POLYOLEFINIQUE DOTE E D'UNE COUCHE DE POLYETHYLENE-TEREPHTHALATE AU CONTACT DU PRODUIT</b> [72] GIBBONS, CHARLES E., US [72] HUZYAK, PAUL C., US [72] ANDERSON, SCOTT P., US [71] INTERNATIONAL PAPER COMPANY, US [85] 2000-11-28 [86] 1999-05-28 (PCT/US99/10478) [87] 1999-12-09 (WO99/62709) [30] US (60/087,839) 1998-06-03</p>
<p style="text-align: right;">[21] <b>2,333,633</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 487/04 6C07D 231/00 6C07D 251/00 6A61K 31/53</b> [25] EN [54] <b>PYRAZOLO-1,5-A]TRIAZINE CORTICOTROPIN RELEASING FACTOR ANTAGONISTS</b> [54] <b>ANTAGONISTES DU FACTEUR DE LIBERATION DE CORTICOTROPINE A BASE DE PYRAZOLO-1,5-A]TRIAZINE</b> [72] OLSON, RICHARD ERIC, US [72] FRIETZE, WILLIAM ERIC, US [71] DUPONT PHARMACEUTICALS COMPANY, US [85] 2000-11-28 [86] 1999-06-18 (PCT/US99/13870) [87] 1999-12-29 (WO99/67247) [30] US (60/090,207) 1998-06-22</p>	<p style="text-align: right;">[21] <b>2,333,636</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 18/72 7C09D 175/04</b> [25] EN [54] <b>COATING COMPOSITION</b> [54] <b>COMPOSITION DE REVETEMENT</b> [72] FENN, DAVID ROBERT, GB [72] LAM, PETER KWOK HING, DK [71] PPG INDUSTRIES OHIO, INC., US [85] 2000-11-28 [86] 1999-12-23 (PCT/GB99/04422) [87] 2000-07-06 (WO00/39184) [30] GB (9828444.1) 1998-12-24</p>	<p style="text-align: right;">[21] <b>2,333,640</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21B 1/34</b> [25] EN [54] <b>PULPER</b> [54] <b>BROYEUR</b> [72] WILJAN, HARRY, DE [72] CARRA, ROLAND, DE [71] REA GESELLSCHAFT FUR RECYCLING VON ENERGIE UND ABFALL MBH, DE [85] 2000-11-28 [86] 1999-06-02 (PCT/EP99/03852) [87] 1999-12-09 (WO99/63148) [30] DE (198 24 806.7) 1998-06-03</p>
<p style="text-align: right;">[21] <b>2,333,634</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09K 3/00 6F24F 6/00</b> [25] EN [54] <b>METHOD FOR THE CONTROLLED HUMIDIFICATION OF AMBIENT AIR</b> [54] <b>PROCEDE POUR L'HUMIDIFICATION CONTROLEE DE L'AIR AMBIANT</b> [72] KLAUCK, WOLFGANG, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2000-11-28 [86] 1999-05-19 (PCT/EP99/03428) [87] 1999-12-02 (WO99/61544) [30] DE (198 23 898.3) 1998-05-28</p>	<p style="text-align: right;">[21] <b>2,333,637</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01C 1/12 6F01C 19/00 6F01C 21/16</b> [25] EN [54] <b>METHOD TO SEAL A PLANETARY ROTOR ENGINE</b> [54] <b>PROCEDE PERMETTANT DE CREER L'ETANCHEITE DANS UN MOTEUR A ROTORS PLANETAIRE</b> [72] MASTERSON, FREDERICK, US [71] MASTERSON, FREDERICK, US [85] 2000-11-28 [86] 1999-05-27 (PCT/US99/11645) [87] 1999-12-02 (WO99/61751) [30] US (09/086,546) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,333,642</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 9/06</b> [25] EN [54] <b>INFORMATION PROCESSING SYSTEM</b> [54] <b>SYSTEME DE TRAITEMENT D'INFORMATIONS</b> [72] ISHIGURO, RYUJI, JP [72] TANABE, MITSURU, JP [72] KAWAKAMI, ITARU, JP [72] EZURA, YUICHI, JP [72] KAWAHARA, HIROKAZU, JP [71] SONY CORPORATION, JP [85] 2000-11-28 [86] 2000-03-30 (PCT/JP00/02041) [87] 2000-10-05 (WO00/58827) [30] JP (11/88346) 1999-03-30</p>



## PCT Applications Entering the National Phase

[21] **2,333,644**  
[13] A1

[51] **Int.Cl. 6H05B 3/68 6H05B 1/02**  
[25] EN  
[54] **COMBINATION TEMPERATURE SENSOR, WARNING LIGHT SENSOR AND LIGHT INDICATOR FOR HEATING ELEMENTS**  
[54] **ASSOCIATION D'UN CAPTEUR DE TEMPERATURE, D'UN CAPTEUR A SIGNALISATION LUMINEUSE ET D'UN INDICATEUR LUMINEUX POUR ELEMENTS CHAUFFANTS**  
[72] KIRBY, ROBERT L., US  
[71] TUTCO, INC., US  
[85] 2000-11-28  
[86] 1999-05-17 (PCT/US99/10849)  
[87] 1999-12-09 (WO99/63788)  
[30] US (09/086,523) 1998-05-29

[21] **2,333,645**  
[13] A1

[51] **Int.Cl. 6A61K 7/42**  
[25] EN  
[54] **SUNSCREEN COSMETIC COMPOSITION**  
[54] **COMPOSITION COSMETIQUE ANTISOLAIRE**  
[72] ZNAIDEN, ALEXANDER PAUL, US  
[72] DOBKOWSKI, BRIAN JOHN, US  
[72] CHENEY, MICHAEL CHARLES, US  
[72] ROSE, WALTER, US  
[71] UNILEVER PLC, GB  
[85] 2000-11-28  
[86] 1999-05-15 (PCT/EP99/03434)  
[87] 1999-12-09 (WO99/62476)  
[30] US (09/090294) 1998-06-04

[21] **2,333,647**  
[13] A1

[51] **Int.Cl. 6C07D 265/10 6C07D 261/02 6C07D 413/06 6C07D 413/12 6A61K 31/42 6A61K 31/535**  
[25] EN  
[54] **CYCLIC CARBAMATES AND ISOXAZOLIDINES AS IIB/IIIA ANTAGONISTS**  
[54] **ISOXAZOLIDINES ET CARBAMATES CYCLIQUES UTILISES COMME ANTAGONISTES DE IIB/IIIA**  
[72] JIN, FUQIANG, US  
[72] CONFALONE, PASQUALE N., US  
[71] DUPONT PHARMACEUTICALS COMPANY, US  
[85] 2000-11-28  
[86] 1999-06-25 (PCT/US99/14392)  
[87] 2000-01-06 (WO00/00481)  
[30] US (60/091,030) 1998-06-29

[21] **2,333,649**  
[13] A1

[51] **Int.Cl. 6C07D 471/18 6C07D 221/00 6C07D 257/00 6C11D 3/39**  
[25] EN  
[54] **BLEACH CATALYSTS AND FORMULATIONS CONTAINING THEM**  
[54] **CATALYSEURS DE BLANCHIMENT ET FORMULATIONS LES CONTENANT**  
[72] GIRERD, JEAN-JACQUES, FR  
[72] DELROISSSE, MICHEL, GB  
[72] HAGE, RONALD, NL  
[72] SIMAAN, JALILA ARIANE, FR  
[72] TETARD, DAVID, GB  
[72] CARINA, RICCARDO, GB  
[72] BANSE, FREDERIC, FR  
[71] UNILEVER PLC, GB  
[85] 2000-11-28  
[86] 1999-06-10 (PCT/GB99/01850)  
[87] 1999-12-23 (WO99/65905)  
[30] GB (9812916.6) 1998-06-15  
[30] GB (9819046.5) 1998-09-01  
[30] GB (9906474.3) 1999-03-19

[21] **2,333,650**  
[13] A1

[51] **Int.Cl. 7F01P 11/02 7B60K 11/04 7F01P 5/06 7B60S 1/50 7F04D 29/58**  
[25] EN  
[54] **FAN SHROUD WITH INTEGRATED RESERVOIRS**  
[54] **BUSE DE VENTILATEUR A RESERVOIRS INTEGRES**  
[72] CHAPMAN, TIMOTHY W., CA  
[72] SADR, CHANGIZE, CA  
[71] SALFLEX POLYMERS LTD., CA  
[85] 2000-11-28  
[86] 1999-07-21 (PCT/CA99/00660)  
[87] 2000-02-03 (WO00/05491)  
[30] US (09/120,316) 1998-07-22

[21] **2,333,651**  
[13] A1

[51] **Int.Cl. 6B29C 33/56 6B30B 15/02 6C11D 13/18**  
[25] EN  
[54] **HYBRID STAMPING DIE**  
[54] **MOULES DE STRUCTURE HYBRIDE**  
[72] EDMONDSON, BRIAN, GB  
[72] ESPIE, ALAN WILLIAM, GB  
[72] STORY, EDWARD ROSS, US  
[71] UNILEVER PLC, GB  
[85] 2000-11-28  
[86] 1999-05-27 (PCT/EP99/03733)  
[87] 1999-12-09 (WO99/62683)  
[30] GB (9811634.6) 1998-05-29

[21] **2,333,653**  
[13] A1

[51] **Int.Cl. 6C08L 27/06 6C08L 51/06 6C08K 3/26**  
[25] EN  
[54] **VINYL CHLORIDE RESIN COMPOSITION AND MOLDED OBJECT COMPRISING THE SAME**  
[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYL, ET OBJET MOULE COMPRENANT CETTE COMPOSITION**  
[72] SAEGUSA, KAZUNORI, JP  
[72] MIZUNUMA, SATOSHI, JP  
[72] TAKAKI, AKIRA, JP  
[72] IGUCHI, HIROKAZU, JP  
[71] KANEKA CORPORATION, JP  
[85] 2000-11-28  
[86] 1999-05-31 (PCT/JP99/02899)  
[87] 2000-10-12 (WO00/60003)  
[30] JP (11/93609) 1999-03-31

[21] **2,333,654**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38 6H04B 7/26 6H04L 12/28**  
[25] EN  
[54] **FAST ACQUISITION OF TRAFFIC CHANNELS FOR A HIGHLY VARIABLE DATA RATE**  
[54] **ACQUISITION RAPIDE DE VOIES DE TRAFIC, DESTINEE A UN DEBIT DE DONNEES TRES VARIABLE**  
[72] PROCTOR, JAMES A., JR., US  
[71] TANTIVY COMMUNICATIONS, INC., US  
[85] 2000-11-29  
[86] 1999-05-26 (PCT/US99/11607)  
[87] 1999-12-09 (WO99/63682)  
[30] US (09/088,413) 1998-06-01

[21] **2,333,656**  
[13] A1

[51] **Int.Cl. 6C07D 207/16 6A61K 31/40**  
[25] EN  
[54] **A NOVEL VLA-4 INHIBITOR: OMEPUPA-V**  
[54] **L'OMEPUPA-V, NOUVEL INHIBITEUR DU VLA-4**  
[72] LEE, WEN-CHERNG, US  
[72] GILL, ALAN, US  
[71] BIOGEN, INC., US  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/US99/11924)  
[87] 1999-12-02 (WO99/61421)  
[30] US (60/087,064) 1998-05-28

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,333,657</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/22</b> [25] EN [54] <b>USE OF SECRETIN FOR THE TREATMENT OF AUTISM AND OTHER NEUROLOGICAL, BEHAVIORAL AND IMMUNOLOGICAL DISORDERS</b> [54] <b>UTILISATION DE LA SECRETINE POUR LE TRAITEMENT DE L'AUTISME ET D'AUTRES TROUBLES DU COMPORTEMENT, TROUBLES NEUROLOGIQUES OU IMMUNOLOGIQUES</b> [72] BECK, VICTORIA, US [72] RIMLAND, BERNARD, US [71] REPLIGEN CORPORATION, US [85] 2000-11-28 [86] 1999-06-09 (PCT/US99/13061) [87] 1999-12-16 (WO99/64059) [30] US (60/088,575) 1998-06-09 [30] US (09/229,208) 1999-01-13</p>	<p style="text-align: right;">[21] <b>2,333,673</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 17/06 6B03C 5/02</b> [25] EN [54] <b>COMPACT ELECTROSTATIC COALESCER</b> [54] <b>COALESCEUR ELECTROSTATIQUE COMPACT</b> [72] WAYTH, NICHOLAS J., GB [72] BERRY, J. PATRICK, CA [72] MULVEY, STEWART J., CA [72] URDAHL, OLAV, NO [72] BAILEY, ADRIAN, G., GB [72] THEW, MARTIN T., GB [72] WILLIAMS, TREVOR J., GB [71] KVAERNER PROCESS SYSTEMS, A DIVISION OF KVAERNER CANADA, INC., CA [85] 2000-12-01 [86] 1999-05-31 (PCT/IB99/01035) [87] 1999-12-09 (WO99/62611) [30] US (09/090,060) 1998-06-03</p>	<p style="text-align: right;">[21] <b>2,333,699</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/483 7G01N 33/487 7G01N 33/50</b> [25] EN [54] <b>DEVICE HAVING FECAL COMPONENT SENSOR</b> [54] <b>DISPOSITIF DOTE D'UN DETECTEUR DE COMPOSANT FECAL</b> [72] FEDOSOV, YURY IGOREVICH, RU [72] ROE, DONALD CARROLL, US [72] KRUCHININ, MIKHAIL LEONIDOVICH, RU [72] KHOMIAKOV, OLEG NIKOLAEVICH, RU [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-29 [86] 1999-06-29 (PCT/US99/14884) [87] 2000-01-06 (WO00/00822) [30] US (09/107,561) 1998-06-29 [30] US (09/106,225) 1998-06-29 [30] US (60/090,993) 1998-06-29 [30] US (60/131,049) 1998-06-29</p>
<p style="text-align: right;">[21] <b>2,333,658</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 477/14 6A61K 31/40</b> [25] EN [54] <b>FUSED PHENOXYMETHYL CARBAPENEM ANTIBACTERIALS</b> [54] <b>ANTIBACTERIENS DE CARBAPENEM PHENOXYMETHYLE FUSIONNES</b> [72] DININNO, FRANK P., US [72] DYKSTRA, KEVIN D., US [71] MERCK &amp; CO., INC., US [85] 2000-11-28 [86] 1999-05-28 (PCT/US99/12042) [87] 1999-12-09 (WO99/62907) [30] US (60/087,772) 1998-06-02</p>	<p style="text-align: right;">[21] <b>2,333,674</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02F 1/1335</b> [25] EN [54] <b>HIGH CONTRAST MICRO DISPLAY WITH OFF-AXIS ILLUMINATION</b> [54] <b>MICRO-AFFICHAGE A CONTRASTE ELEVE AVEC ECLAIRAGE DECENTRE</b> [72] TOMITA, AKIRA, US [71] TYCO ELECTRONICS CORPORATION, US [85] 2000-12-01 [86] 1999-06-04 (PCT/US99/12480) [87] 1999-12-09 (WO99/63398) [30] US (09/090,749) 1998-06-04</p>	<p style="text-align: right;">[21] <b>2,333,700</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47K 13/02 6B29C 45/14 6A47K 13/30</b> [25] EN [54] <b>TOILET SEAT AND LID ASSEMBLY</b> [54] <b>ENSEMBLE DE SIEGE ET ABATTANT DE TOILETTE</b> [72] HOGUE, AARON G., US [71] HOGUE, AARON G., US [85] 2000-11-29 [86] 1999-01-06 (PCT/US99/01206) [87] 1999-12-09 (WO99/62392) [30] US (09/089,469) 1998-06-02</p>
<p style="text-align: right;">[21] <b>2,333,666</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/445</b> [25] EN [54] <b>USE OF OPTICALLY PURE (+)-NORCISAPRIDE FOR TREATING APNEA, BULIMIA AND OTHER DISORDERS</b> [54] <b>UTILISATION DU (+) NORCISAPRIDE OPTIQUEMENT PUR POUR TRAITER L'APNEE, LA BOULIMIE ET D'AUTRES TROUBLES</b> [72] RUBIN, PAUL D., US [72] BARBERICH, TIMOTHY J., US [71] SEPRACOR INC., US [85] 2000-12-01 [86] 1999-06-10 (PCT/US99/13099) [87] 1999-12-23 (WO99/65571) [30] US (60/089,224) 1998-06-15 [30] US (60/122,275) 1999-03-01</p>	<p style="text-align: right;">[21] <b>2,333,676</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 16/16</b> [25] EN [54] <b>HUMIDIFIER ASSEMBLY</b> [54] <b>ENSEMBLE HUMIDIFICATEUR</b> [72] FITZWATER, DENNIS, US [72] LOESCHER, THOMAS C., US [71] HUDSON RESPIRATORY CARE INC., US [85] 2000-12-01 [86] 1999-05-28 (PCT/US99/12049) [87] 1999-12-09 (WO99/62582) [30] US (09/088,553) 1998-06-01</p>	

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[21] **2,333,701**  
[13] A1

[51] **Int.Cl. 6A61K 7/00 6A61K 7/06 6A61K 31/22 6A61K 7/48 6C07C 69/675**  
[25] EN  
[54] **.ALPHA.-HYDROXY FATTY ACID DERIVATIVES AND EXTERNAL COMPOSITIONS CONTAINING THE SAME TECHNICAL FEILD**  
[54] **DERIVES D'ACIDES GRAS .ALPHA.-HYDROXY ET COMPOSITION A BASE DE CES DERIVES POUR USAGE EXTERNE**  
[72] YAKUMARU, MASAFUMI, JP  
[72] NAKATSUGAWA, HIROKO, JP  
[72] IKEMOTO, TAKESHI, JP  
[72] IWAMOTO, YOSHIKO, JP  
[71] KANEBO, LIMITED, JP  
[85] 2000-11-29  
[86] 1999-05-27 (PCT/JP99/02831)  
[87] 1999-12-09 (WO99/62463)  
[30] JP (10/155706) 1998-06-04

[21] **2,333,702**  
[13] A1

[51] **Int.Cl. 6C12N 5/06 6C12N 5/08 6A61K 35/39**  
[25] EN  
[54] **PROMOTION OF CELL DIFFERENTIATION BY INITIALLY PASSAGED CELLS**  
[54] **PROMOTION DE LA DIFFERENCIATION CELLULAIRE PAR DES CELLULES AYANT SUBI INITIALEMENT PLUSIEURS PASSAGES**  
[72] TODOROV, IVAN T., US  
[72] SCHEYHING, KELLY I., US  
[71] CYTHERA, INC., US  
[85] 2000-11-29  
[86] 1999-05-28 (PCT/US99/11949)  
[87] 1999-12-02 (WO99/61586)  
[30] US (09/087,685) 1998-05-29

[21] **2,333,703**  
[13] A1

[51] **Int.Cl. 6C07D 275/03 6C07D 209/00 6C07D 487/08 6C07D 417/12 6A61K 31/425 6C07C 33/46 6C07C 327/58**  
[25] EN  
[54] **ISOTHIAZOLE DERIVATIVES USEFUL AS ANTICANCER AGENTS**  
[54] **DERIVES ISOTHIAZOLE UTILES EN TANT QU'AGENTS ANTICANCEREUX**  
[72] GANT, THOMAS GEORGE, US  
[72] LARSON, ERIC ROBERT, US  
[72] NOE, MARK CARL, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2000-11-29  
[86] 1999-05-03 (PCT/IB99/00797)  
[87] 1999-12-09 (WO99/62890)  
[30] US (60/087,963) 1998-06-04

[21] **2,333,705**  
[13] A1

[51] **Int.Cl. 6E01F 15/14**  
[25] EN  
[54] **FRAME CATCHER ADAPTATION FOR GUARDRAIL EXTRUDER TERMINAL**  
[54] **ADAPTATION DE DISPOSITIF D'ARRET DE CHASSIS DE VEHICULE POUR ELEMENT D'EXTREMITE EXTRUDE DE GLISSIERE DE SECURITE**  
[72] BLIGH, ROGER P., US  
[72] IVEY, DON L., US  
[72] BUTH, CARL E., US  
[72] ROSS, HAYES S., US  
[71] THE TEXAS A & M UNIVERSITY SYSTEM, US  
[85] 2000-11-29  
[86] 1999-06-01 (PCT/US99/12100)  
[87] 1999-12-09 (WO99/63163)  
[30] US (09/089,738) 1998-06-03

[21] **2,333,706**  
[13] A1

[51] **Int.Cl. 6C07C 51/43 6C07C 63/24 6C07C 63/26**  
[25] EN  
[54] **METHOD FOR PREPARING PURIFIED TEREPHTHALIC ACID AND ISOPHTHALIC ACID FROM MIXED XYLENES**  
[54] **PROCEDE DE PREPARATION D'ACIDE TEREPHTALIQUE ET D'ACIDE ISOPHTALIQUE PURIFIES A PARTIR DE MELANGES DE XYLENES**  
[72] LEE, FU-MING, US  
[72] WYTCHERLEY, RANDI WRIGHT, US  
[72] LAMSHING, WISTON, US  
[71] HFM INTERNATIONAL, INC., US  
[85] 2000-11-29  
[86] 1999-05-18 (PCT/US99/10970)  
[87] 1999-12-09 (WO99/62857)  
[30] US (60/087,141) 1998-05-29  
[30] US (09/097,930) 1998-06-16

[21] **2,333,708**  
[13] A1

[51] **Int.Cl. 6G01N 1/14 6G01N 35/10 6G01N 1/38**  
[25] EN  
[54] **SAMPLE WASH STATION ASSEMBLY**  
[54] **ENSEMBLE STATION DE LAVAGE D'ECHANTILLONS**  
[72] MAIEFSKI, ROMAINE ROBERT, US  
[72] WENDELL, DON, US  
[71] ONTOGEN CORPORATION, US  
[85] 2000-11-29  
[86] 1999-04-08 (PCT/US99/07698)  
[87] 1999-12-09 (WO99/63323)  
[30] US (09/087,376) 1998-05-29

[21] **2,333,710**  
[13] A1

[51] **Int.Cl. 6G09F 1/10**  
[25] EN  
[54] **INFORMATION POSTING UNIT**  
[54] **UNITE D'AFFICHAGE D'INFORMATIONS**  
[72] CORPUZ, ROQUE, M., JR., US  
[72] THORP, CLARKSON S., US  
[72] BEUKEMA, STEVEN J., US  
[71] HAWORTH, INC., US  
[85] 2000-11-29  
[86] 1999-06-03 (PCT/US99/12488)  
[87] 1999-12-09 (WO99/63506)  
[30] US (09/089,532) 1998-06-03

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[21] **2,333,711**  
[13] A1

[51] **Int.Cl. 6E04B 2/74**  
[25] EN  
[54] **WALL PANEL SYSTEM**  
**MURAU**  
[72] EMERY, DAVE, US  
[72] MEYER, KEVIN, US  
[72] TUTTLE, ROBERT, US  
[72] DERUITER, PHILLIP, US  
[72] BEYER, PETE, US  
[71] HAWORTH, INC., US  
[85] 2000-11-29  
[86] 1999-06-08 (PCT/US99/12846)  
[87] 1999-12-16 (WO99/64691)  
[30] US (09/093,480) 1998-06-08

[21] **2,333,772**  
[13] A1

[51] **Int.Cl. 6H03H 9/145**  
[25] FR  
[54] **TRANSDUCTEUR A ONDES**  
**ACOUSTIQUES DE SURFACE A**  
**FAIBLE GAP**  
[54] **TRANSDUCER WITH SURFACE**  
**ACOUSTIC WAVES WITH LOW GAP**  
[72] WRIGHT, PETER, FR  
[71] THOMSON-CSF, FR  
[85] 2000-11-24  
[86] 1999-05-28 (PCT/FR99/01266)  
[87] 1999-12-09 (WO99/63663)  
[30] FR (98/06835) 1998-05-29

[21] **2,333,773**  
[13] A1

[51] **Int.Cl. 7A61K 7/02**  
[25] FR  
[54] **COMPOSITION CONTENANT UN**  
**ACTIF INSTABLE EN MILIEU**  
**OXYDANT, ET SES UTILISATIONS**  
**NOTAMMENT COSMETIQUES**  
[54] **COMPOSITION CONTAINING AN**  
**UNSTABLE ACTIVE AGENT IN AN**  
**OXIDIZING MEDIUM AND USES**  
**THEREOF, ESPECIALLY COSMETIC**  
**USES**  
[72] JAGER-LEZER, NATHALIE, FR  
[72] LORANT, RALUCA, FR  
[71] L'OREAL, FR  
[85] 2000-11-24  
[86] 2000-03-21 (PCT/FR00/00705)  
[87] 2000-10-05 (WO00/57844)  
[30] FR (99/04046) 1999-03-31

[21] **2,333,774**  
[13] A1

[51] **Int.Cl. 7A61L 2/04 7C02F 1/02 7C02F**  
**1/04**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR**  
**STERILISER ET DISPENSER UN**  
**LIQUIDE A USAGE MEDICAL**  
[54] **METHOD AND DEVICE FOR**  
**STERILIZING AND DISPENSING A**  
**LIQUID FOR MEDICAL PURPOSES**  
[72] DUNKLEY, MICHAEL JOHN, GB  
[72] CHEVALLET, JACQUES, FR  
[72] COURT, THIERRY, FR  
[72] RADA, HIRAM, FR  
[72] KERRY, NICHOLAS JOHN, GB  
[72] ROMARIE, JEAN-LOUIS, FR  
[72] JONSSON, LENNART, SE  
[72] FRUGIER, ALAIN, FR  
[71] HOSPAL INDUSTRIE, FR  
[85] 2000-11-27  
[86] 2000-02-24 (PCT/IB00/00197)  
[87] 2000-10-05 (WO00/57926)  
[30] FR (99/04208) 1999-03-30

[21] **2,333,776**  
[13] A1

[51] **Int.Cl. 6A61K 38/44 6A61K 31/355**  
**6A61K 31/52**  
[25] FR  
[54] **COMPOSITIONS A BASE DE**  
**PENTOXIFYLLINE ET**  
**D'ANTICYTOKINE**  
[54] **COMPOSITION BASED ON**  
**PENTOXIFYLLINE AND**  
**ANTICYTOKIN**  
[72] DELANIAN, SYLVIE, FR  
[72] LEFAIX, JEAN-LOUIS, FR  
[71] ASSISTANCE PUBLIQUE-  
HOPITAUX DE PARIS, FR  
[71] COMMISSARIAT A L'ENERGIE  
ATOMIQUE, FR  
[85] 2000-11-27  
[86] 1999-05-21 (PCT/FR99/01208)  
[87] 1999-12-09 (WO99/62543)  
[30] FR (98/06807) 1998-05-29

[21] **2,333,777**  
[13] A1

[51] **Int.Cl. 7A61L 2/04 7C02F 1/02 7C02F**  
**1/04**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR**  
**STERILISER ET DISPENSER UN**  
**LIQUIDE A USAGE MEDICAL**  
[54] **METHOD AND DEVICE FOR**  
**STERILIZING AND DISPENSING A**  
**LIQUID FOR MEDICAL PURPOSES**  
[72] RADA, HIRAM, FR  
[72] KERRY, NICHOLAS JOHN, GB  
[72] JONSSON, LENNART, SE  
[72] CHEVALLET, JACQUES, FR  
[72] FRUGIER, ALAIN, FR  
[72] ROMARIE, JEAN-LOUIS, FR  
[72] DUNKLEY, MICHAEL JOHN, GB  
[72] COURT, THIERRY, FR  
[71] HOSPAL INDUSTRIE, FR  
[85] 2000-11-27  
[86] 2000-02-24 (PCT/IB00/00198)  
[87] 2000-10-05 (WO00/57927)  
[30] FR (99/04207) 1999-03-30

[21] **2,333,778**  
[13] A1

[51] **Int.Cl. 6C01F 11/02 6B01D 53/50**  
**6B01D 53/68**  
[25] FR  
[54] **PRODUIT D'EXTRUSION A BASE**  
**DE CHAUX HYDRATEE**  
[54] **EXTRUSION PRODUCT BASED ON**  
**HYDRATED LIME**  
[72] LAUDET, ALAIN, BE  
[72] DESCAMPS, GERARD, BE  
[71] S.A. LHOIST RECHERCHE ET  
DEVELOPPEMENT, BE  
[85] 2000-11-27  
[86] 1999-05-19 (PCT/BE99/00063)  
[87] 1999-12-02 (WO99/61373)  
[30] BE (9800401) 1998-05-26

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[21] **2,333,786**  
[13] A1

[51] **Int.Cl. 7A61L 2/04 7C02F 1/02 7C02F 1/04**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR STERILISER ET DISPENSER UN LIQUIDE A USAGE MEDICAL**  
[54] **METHOD AND DEVICE FOR STERILISING AND DISPENSING A LIQUID FOR MEDICAL USE**  
[72] JONSSON, LENNART, SE  
[72] FRUGIER, ALAIN, FR  
[72] DUNKLEY, MICHAEL JOHN, GB  
[72] RADA, HIRAM, FR  
[72] CHEVALLET, JACQUES, FR  
[72] ROMARIE, JEAN-LOUIS, FR  
[72] COURT, THIERRY, FR  
[72] KERRY, NICHOLAS JOHN, GB  
[71] HOSPAL INDUSTRIE, FR  
[85] 2000-11-27  
[86] 2000-02-24 (PCT/IB00/00196)  
[87] 2000-10-05 (WO00/57925)  
[30] FR (99/04209) 1999-03-30

[21] **2,333,787**  
[13] A1

[51] **Int.Cl. 6A61K 7/48**  
[25] FR  
[54] **UTILISATION DE SOPHOROLIPIDES COMPRENANT DES LACTONES DIACETYLEES EN TANT QU'AGENT STIMULATEUR DU METABOLISME DES FIBROBLASTES DE LA PEAU**  
[54] **USE OF SOPHOROLIPIDS COMPRISING DIACETYL LACTONES AS AGENT FOR STIMULATING SKIN FIBROBLAST METABOLISM**  
[72] BORZEIX CONCAIX, FREDERIQUE, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[71] SOPHOR S.A., FR  
[85] 2000-11-28  
[86] 1999-05-27 (PCT/FR99/01245)  
[87] 1999-12-09 (WO99/62479)  
[30] FR (98/06789) 1998-05-29

[21] **2,333,790**  
[13] A1

[51] **Int.Cl. 6G06K 19/077**  
[25] FR  
[54] **PROCEDE DE FABRICATION D'UNE CARTE A CIRCUIT INTEGRE ET CARTE OBTENUE**  
[54] **METHOD FOR PRODUCING AN INTEGRATED CIRCUIT CARD AND CARD PRODUCED ACCORDING TO SAID METHOD**  
[72] ZAFRANY, MICHAEL, FR  
[72] PATRICE, PHILIPPE, FR  
[72] ELBAZ, DIDIER, FR  
[72] FIDALGO, JEAN-CHRISTOPHE, FR  
[71] GEMPLUS, FR  
[85] 2000-11-29  
[86] 1999-05-31 (PCT/FR99/01268)  
[87] 1999-12-23 (WO99/66445)  
[30] FR (98/07602) 1998-06-12

[21] **2,333,791**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] FR  
[54] **PROCEDE DE MISE EN OEUVRE D'UNE ARBORESCENCE D'OBJETS DISTRIBUES**  
[54] **METHOD FOR CREATING A DISTRIBUTED OBJECT TREE**  
[72] BANCTEL, FABRICE, FR  
[72] PIETRE, ARMEL, FR  
[71] ALCATEL, FR  
[85] 2000-11-29  
[86] 2000-03-30 (PCT/FR00/00802)  
[87] 2000-10-12 (WO00/60452)  
[30] FR (99/04072) 1999-04-01

[21] **2,333,935**  
[13] A1

[51] **Int.Cl. 6A61K 7/40 6A61K 7/48 6A61K 7/50 6A61K 31/695**  
[25] EN  
[54] **ANTI-GERM ATTACHMENT - COMPOSITION**  
[54] **COMPOSITION EMPECHANT L'ADHERENCE DE GERMES SUR LA PEAU**  
[72] ANSARI, SHAMIM ALAM, US  
[72] POLEFKA, THOMAS GREGORY, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/US99/11960)  
[87] 1999-12-09 (WO99/62475)  
[30] US (60/087,533) 1998-06-01  
[30] US (09/226,304) 1999-01-07  
[30] US (09/304,100) 1999-05-04

[21] **2,333,965**  
[13] A1

[51] **Int.Cl. 6A61K 31/445 6C12N 9/40**  
[25] EN  
[54] **METHOD OF ENHANCING LYSOSOMAL .ALPHA.-GALACTOSIDASE A**  
[54] **METHODE D'AMELIORATION DE L'.ALPHA.-GALACTOSIDASE A LYSOSOMIALE**  
[72] FAN, JIAN-QIANG, US  
[72] ISHII, SATOSHI, JP  
[71] FAN, JIAN-QIANG, US  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/US99/10479)  
[87] 1999-12-09 (WO99/62517)  
[30] US (09/087,804) 1998-06-01

[21] **2,333,966**  
[13] A1

[51] **Int.Cl. 6C12N 5/02 6C12P 21/00**  
[25] EN  
[54] **MEDIA FOR CULTURING ANIMAL CELLS AND PROCESS FOR PRODUCING PROTEIN BY USING THE SAME**  
[54] **MILIEU DE CULTURE DE CELLULES ANIMALES ET PROCEDE DE PRODUCTION DE PROTEINES EN UTILISANT CE MILIEU**  
[72] TSUNAKAWA, SHIGEYUKI, JP  
[72] NOGAKI, KANEO, JP  
[72] SHIBUYA, KAZUSHI, JP  
[72] ATSUMI, MASARU, JP  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
[85] 2000-11-30  
[86] 1999-06-01 (PCT/JP99/02904)  
[87] 1999-12-09 (WO99/63058)  
[30] JP (10/150957) 1998-06-01

[21] **2,333,968**  
[13] A1

[51] **Int.Cl. 7C25D 13/06 7C25D 13/10**  
[25] EN  
[54] **ELECTRODEPOSITION BATHS CONTAINING CALCIUM SALTS**  
[54] **BAINS D'ELECTRODEPOSITION CONTENANT DES SELS DE CALCIUM**  
[72] MCMURDIE, NEIL D., US  
[72] KAYLO, ALAN J., US  
[72] KARABIN, RICHARD F., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2000-11-30  
[86] 1999-07-01 (PCT/US99/15000)  
[87] 2000-01-20 (WO00/03070)  
[30] US (09/113,664) 1998-07-10

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[21] **2,333,970**  
[13] A1

[51] **Int.Cl. 6C08K 5/06 6C09D 7/00**  
[25] EN  
[54] **AQUEOUS CONCENTRATE OF AN ASSOCIATIVE THICKENING POLYMER, AND USE OF A NONIONIC SURFACTANT FOR REDUCING THE VISCOSITY OF THE CONCENTRATE**  
[54] **CONCENTRE AQUEUX D'UN POLYMERE EPAISSISSANT ASSOCIATIF ET EMPLOI D'UN TENSIOACTIF NON-IONIQUE DESTINE A REDUIRE LA VISCOSITE DU CONCENTRE**  
[72] MYRSTROM, ASA, SE  
[72] BOSTROM, PETER, SE  
[71] AKZO NOBEL N.V., NL  
[85] 2000-11-30  
[86] 1999-01-29 (PCT/SE99/00010)  
[87] 2000-01-06 (WO00/00539)  
[30] SE (9802329-4) 1998-06-30

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[21] **2,333,971**  
[13] A1

[51] **Int.Cl. 6G09B 3/00**  
[25] EN  
[54] **FLASH CARD HOLDER AND LEARNING METHOD**  
[54] **SUPPORT POUR CARTE-ECLAIR ET PROCEDE D'APPRENTISSAGE**  
[72] WOOD, MICHAEL C., US  
[71] KNOWLEDGE KIDS ENTERPRISES, INC., US  
[85] 2000-11-30  
[86] 1999-05-27 (PCT/US99/11820)  
[87] 1999-12-23 (WO99/66476)  
[30] US (09/100,144) 1998-06-18

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[21] **2,333,972**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **IMPROVED METHOD AND SYSTEM FOR PROVIDING CLIENT CALLBACKS THROUGH A FIREWALL WITHIN AND BETWEEN ENTERPRISES**  
[54] **SYSTEME ET PROCEDES AMELIORES POUR ASSURER DES RAPPELS DE CLIENTS A TRAVERS UN COUPE-FEU A L'INTERIEUR 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/US99/12348)  
[87] 1999-12-09 (WO99/63467)  
[30] US (09/092,348) 1998-06-05  
[30] US (09/156,342) 1998-09-18

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[21] **2,333,973**  
[13] A1

[51] **Int.Cl. 6H01L 21/98 6H01L 25/18 6H01L 51/20**  
[25] EN  
[54] **SCALEABLE INTEGRATED DATA PROCESSING DEVICE**  
[54] **DISPOSITIF DE TRAITEMENT DE DONNEES INTEGRE A GEOMETRIE VARIABLE**  
[72] LEISTAD, GEIRR I., NO  
[72] NORDAL, PER-ERIK, NO  
[72] GUDESEN, HANS GUDE, NO  
[71] THIN FILM ELECTRONICS ASA, NO  
[85] 2000-11-30  
[86] 1999-06-02 (PCT/NO99/00180)  
[87] 1999-12-23 (WO99/66551)  
[30] NO (19982518) 1998-06-02

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[21] **2,333,974**  
[13] A1

[51] **Int.Cl. 6D06P 1/00 6D06P 1/14 6D06P 1/52**  
[25] EN  
[54] **FIBERS CONTAINING MARKER COMPOSITIONS AND CROSS-LINKED POLYMERS**  
[54] **FIBRES CONTENANT DES COMPOSITIONS DE MARQUAGE ET POLYMERES RETICULES**  
[72] KRUTAK, JAMES JOHN SR., US  
[72] CUSHMAN, MICHAEL ROY, US  
[72] NEAL, RICHARD DIXON, US  
[71] ISOTAG TECHNOLOGY, INC., US  
[85] 2000-11-30  
[86] 1999-05-17 (PCT/US99/10876)  
[87] 1999-12-09 (WO99/63145)  
[30] US (60/087,480) 1998-06-01  
[30] US (09/303,338) 1999-04-30

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[21] **2,333,977**  
[13] A1

[51] **Int.Cl. 6F16J 15/32**  
[25] EN  
[54] **PLENUM OIL SEAL**  
[54] **JOINT ETANCHE A L'HUILE DE PLENUM**  
[72] GALVIN, JOSEPH D., US  
[72] GILDEA, GREG G., US  
[72] DAVIS, BRIAN, US  
[71] SKF USA INC., US  
[85] 2000-11-30  
[86] 1999-06-02 (PCT/US99/12205)  
[87] 1999-12-23 (WO99/66232)  
[30] US (09/092,677) 1998-06-05

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[21] **2,325,825**  
[13] A1

[51] **Int.Cl. 7B65D 85/812**  
[25] EN  
[54] **IMPROVED INFUSION BAG**  
[54] **SACHET A INFUSION AMELIORE**  
[72] RAFFAELE, PETER R., AU  
[71] RAFFAELE, PETER R., AU  
[22] 1991-03-13  
[43] 1991-09-15  
[62] 2,078,130  
[30] WO (PCT/AU91/00093) 1991-03-13  
[30] AU (PJ 9069) 1990-03-14  
[30] AU (PJ 9305) 1990-03-26

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[21] **2,328,825**  
[13] A1

[51] **Int.Cl. 7H01Q 9/46 7H04Q 7/36**  
[25] EN  
[54] **ANTENNA SYSTEM FOR AN RF DATA COMMUNICATIONS DEVICE**  
[54] **SYSTEME D'ANTENNE POUR DISPOSITIF RF DE TRANSMISSION DE DONNEES**  
[72] JARMUSZEWSKI, PERRY, CA  
[72] EDMONSON, PETER, CA  
[72] CARKNER, STEVEN, CA  
[72] ZHU, LIZHONG, CA  
[72] QI, YIHONG, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 1997-09-17  
[43] 1998-03-26  
[62] 2,265,948  
[30] US (08/715,347) 1996-09-18

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[21] **2,329,473**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 14/705**  
[25] EN  
[54] **DNA ENCODING PROSTAGLANDIN RECEPTOR EPI**  
[54] **ADN CODANT LE RECEPTEUR EPI DE LA PROSTAGLANDINE**  
[72] FUNK, COLIN, US  
[72] METTERS, KATHLEEN, CA  
[72] FORD-HUTCHINSON, ANTHONY, CA  
[72] GRYGORCZYK, RICHARD, CA  
[71] VANDERBILT UNIVERSITY, US  
[71] MERCK FROSST CANADA & CO./MERCK FROSST CANADA & CIE, CA  
[22] 1994-05-25  
[43] 1994-12-08  
[62] 2,163,755  
[30] US (068,729) 1993-05-26

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[21] **2,329,569**  
[13] A1

[51] **Int.Cl. 7C12Q 1/00 7A61K 31/135**  
[25] EN  
[54] **USE OF DEPRENYL TO MAINTAIN, PREVENT LOSS, OR RECOVER NERVE CELL FUNCTION**  
[54] **UTILISATION DU DEPRENYLE POUR MAINTENIR, OU EVITER LA PERTE OU PERMETTRE DE RETROUVER LES FONCTIONS DES CELLULES NERVEUSES**  
[72] GREENWOOD, CAROL E., CA  
[72] TATTON, WILLIAM G., CA  
[71] THE UNIVERSITY OF TORONTO INNOVATIONS FOUNDATION, CA  
[22] 1992-03-31  
[43] 1992-10-05  
[62] 2,107,552  
[30] US (678,873) 1991-04-04  
[30] US (751,186) 1991-08-26  
[30] US (772,919) 1991-10-08

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[21] **2,330,522**  
[13] A1

[51] **Int.Cl. 7H04J 1/02**  
[25] EN  
[54] **METHOD OF ISOLATING A BLOCK FREQUENCY ON THE BASIS OF A SIGNAL FORMATTED IN BLOCKS**  
[54] **PROCEDE POUR ISOLER UN BLOC DE FREQUENCE SUR LA BASE D'UN SIGNAL FORMATE EN BLOC**  
[72] HAYET, PASCAL, FR  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[22] 1994-01-19  
[43] 1994-07-21  
[62] 2,113,766  
[30] FR (9300539) 1993-01-20

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[21] **2,330,523**  
[13] A1

[51] **Int.Cl. 7B27F 1/08 7B27M 3/00 7B23Q 3/00**  
[25] EN  
[54] **A TOOLING FIXTURE FOR USE IN COMBINATION WITH A TOOLING JIG**  
[54] **APPAREIL D'OUTILLAGE A ETRE UTILISE EN COMBINAISON AVEC UN SUPPORT D'OUTILLAGE**  
[72] HAMPTON, R. TERRY, US  
[71] HAMPTON, R. TERRY, US  
[22] 1998-04-21  
[43] 1998-10-29  
[62] 2,286,763  
[30] US (08/842,498) 1997-04-24



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[21] **2,330,524**  
[13] A1

[51] **Int.Cl. 7H01M 10/48 7H01M 2/02 7H01M 6/50**  
[25] EN  
[54] **BATTERY WITH TESTER LABEL AND METHOD FOR PRODUCING IT**  
[54] **BATTERIE A VIGNETTE DE TEST ET SA METHODE DE FABRICATION**  
[72] ANDERSON, JEFFREY L., US  
[72] WEISS, VICTOR H., US  
[71] MORGAN ADHESIVES COMPANY, US  
[22] 1994-05-03  
[43] 1994-11-04  
[62] 2,122,748  
[30] US (08/056,158) 1993-05-03

[21] **2,330,528**  
[13] A1

[51] **Int.Cl. 7B01D 24/18**  
[25] EN  
[54] **METHOD OF WASHING AN UPFLOW FILTER AND FILTER BED EMPLOYED IN SAID FILTER**  
[54] **METHODE POUR LE LAVAGE A CONTRE-COURANT DE FILTRES; LE LIT FILTRANT UTILISE EN L'OCCURRENCE**  
[72] ROBERTS, R. LEE, US  
[72] KIM, ANNABELLE, US  
[71] ROBERTS FILTER MANUFACTURING COMPANY, US  
[22] 1991-08-23  
[43] 1992-03-01  
[62] 2,090,339  
[30] US (576,023) 1990-08-31

[21] **2,332,185**  
[13] A1

[51] **Int.Cl. 7H04N 7/26 7H04N 7/015**  
[25] EN  
[54] **VIDEO PROCESSING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE TRAITEMENT DE SIGNAUX VIDEO**  
[72] SCHURE, LOUIS, US  
[72] CERULLO, ALBERT, US  
[72] GLASS, GREGORY, US  
[72] DHEIN, ROBERT, US  
[71] NEW YORK INSTITUTE OF TECHNOLOGY, US  
[22] 1991-03-29  
[43] 1991-10-01  
[62] 2,079,318  
[30] US (502,519) 1990-03-30  
[30] US (579,146) 1990-09-07

[21] **2,332,405**  
[13] A1

[51] **Int.Cl. 7H04L 27/34 7H04N 7/015**  
[25] EN  
[54] **COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION**  
[72] OSHIMA, MITSUAKI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1993-03-25  
[43] 1993-09-27  
[62] 2,226,489  
[30] JP (4-67934) 1992-03-26  
[30] JP (4-256070) 1992-09-25

[21] **2,332,406**  
[13] A1

[51] **Int.Cl. 7A61K 38/48 7A61P 21/00**  
[25] EN  
[54] **TREATMENT OF NEUROMUSCULAR DISORDERS AND CONDITIONS WITH DIFFERENT BOTULINUM SEROTYPE**  
[54] **TRAITEMENT DE TROUBLES ET DE MALADIES NEUROMUSCULAIRES A L'AIDE DE DIFFERENTS SEROTYPES DE BOTULINUM**  
[72] AOKI, K. ROGER, US  
[72] CARLSON, STEVEN R., US  
[72] GRAYSTON, MICHAEL W., US  
[72] LEON, JUDITH M., US  
[71] ALLERGAN, INC., US  
[22] 1994-06-07  
[43] 1994-12-22  
[62] 2,164,866  
[30] US (08/075,048) 1993-06-10

[21] **2,332,412**  
[13] A1

[51] **Int.Cl. 6F16L 55/162**  
[25] EN  
[54] **A REVERSIBLE LINNING TUBE FOR REPAIRING AN EXISTING PIPELINE**  
[54] **TUBE DE REVETEMENT INTERIEUR REVERSIBLE SERVANT A REPARER UNE CANALISATION**  
[72] TOYODA, SHIGERU, JP  
[72] ITAGAKI, MASAOKI, JP  
[72] YAGI, SHUICHI, JP  
[72] OKABE, KAZUKI, JP  
[71] NISSHINBO INDUSTRIES INC., JP  
[71] TOKYO GAS CO., LTD., JP  
[22] 1997-02-05  
[43] 1997-08-10  
[62] 2,196,863  
[30] JP (8-024410) 1996-02-09

[21] **2,332,618**  
[13] A1

[51] **Int.Cl. 7A61K 51/00 7A61K 39/00 7A61P 35/00 7A61K 47/06 7A61K 49/22 7A61K 31/704**  
[25] EN  
[54] **LIQUID LAVAGE/VENTILATION OF THE PULMONARY SYSTEM**  
[54] **VENTILATION/LAVAGE LIQUIDE DES POUMONS**  
[72] SEKINS, K. MICHAEL, US  
[72] WOLFSON, MARLA R., US  
[72] SHAFFER, THOMAS H., US  
[71] ALLIANCE PHARMACEUTICAL CORP., US  
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[22] 1991-02-01  
[43] 1991-09-20  
[62] 2,035,492  
[30] US (495,817) 1990-03-19

[21] **2,332,631**  
[13] A1

[51] **Int.Cl. 7A61K 9/48 7A61P 37/06 7A61K 38/13 7A61K 31/436**  
[25] EN  
[54] **SOFT GELATIN CAPSULE MANUFACTURE**  
[54] **FABRICATION DE CAPSULES DE GELATINE MOLLE**  
[72] ZANDE, HORST, DE  
[72] MEINZER, ARMIN, DE  
[72] BROX, WERNER, DE  
[71] R.P. SCHERER GMBH, DE  
[71] NOVARTIS AG, CH  
[22] 1994-09-26  
[43] 1995-03-29  
[62] 2,302,963  
[30] DE (P 43 32 931.4) 1993-09-28

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,332,652**

[13] A1

[51] **Int.Cl. 7C07J 43/00 7C07J 17/00  
7C07J 33/00 7A61P 35/00 7A61K 31/58**  
[25] EN  
[54] **.DELTA.16 UNSATURATED C17  
HETEROCYCLIC STEROIDS USEFUL  
AS STEROID C17-20 LYASE  
INHIBITORS**  
[54] **STEROIDES HETEROCYCLIQUES  
C17 INSATURES .DELTA.16 UTILISES  
COMME INHIBITEURS DE LYASE C17-  
20 STEROIDES**  
[72] PEET, NORTON P., US  
[72] BURKHART, JOSEPH P., US  
[72] GATES, CYNTHIA P., US  
[71] MERRELL PHARMACEUTICALS  
INC., US  
[22] 1994-09-29  
[43] 1995-05-04  
[62] 2,173,729  
[30] US (08/143,679) 1993-10-27

[21] **2,333,352**

[13] A1

[51] **Int.Cl. 7A61K 31/4439 7A61P 3/10**  
[25] EN  
[54] **COMPOSITION COMPRISING 5-  
-4--2-(N-METHYL-N-2-  
PYRIDYL)AMINO)ETHOXY|BENZYL|T  
HIAZOLIDINE-2,4-DIONE**  
[54] **COMPOSITION RENFERMANT DE  
LA 5--4--2-(N-METHYL-N-(2-  
PYRIDYL)AMINO)ETHOXY|BENZYL|T  
HIAZOLIDINE-2,4-DIONE**  
[72] PRICE, ROBIN KEVIN JOHN, US  
[72] ROSS, HAMISH, US  
[72] PATEL, JAIKRISHNA, US  
[72] WRAY, PAUL NIGEL, US  
[72] GRANETT, JEFFREY ROGER, US  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[71] SMITHKLINE BEECHAM  
CORPORATION, US  
[22] 1998-06-02  
[43] 1998-12-10  
[62] 2,292,629  
[30] GB (9711683.4) 1997-06-05  
[30] GB (9712851.6) 1997-06-18

[21] **2,332,731**

[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12Q 1/68**  
[25] EN  
[54] **OLIGONUCLEOTIDE TAGS FOR  
SORTING AND IDENTIFICATION**  
[54] **MARQUEURS  
OLIGONUCLOTIDIQUES SERVANT A  
TRIER ET A IDENTIFIER**  
[72] ALBRECHT, GLENN, US  
[72] BRENNER, SYDNEY, GB  
[71] LYNX THERAPEUTICS, INC., US  
[22] 1996-06-06  
[43] 1996-12-19  
[62] 2,222,581  
[30] US (08/478,238) 1995-06-07

## Canadian Divisional and Previously Unavailable Laid-Open applications

# Index of Canadian Patents Issued

April 3, 2001

## Index des brevets canadiens délivrés

3 avril 2001

A.F. KLINZING COMPANY, INC.	2,210,649	ASHBY, Alan Miles	2,206,013	BOLYARD, Edward W., Jr.	2,215,189
Aabel, Lasse	2,073,559	Ashley, James Patrick	2,167,940	Borona, Russell Thomas	2,014,190
AB A K ERIKSSON	2,050,598	AT&T CORP.	2,192,397	BOWERSOX, Stephen Scott	2,224,795
ABEL, Roland	2,222,010	AT&T CORP.	2,193,015	Boxall, Brian Alfred	2,158,041
ACER PERIPHERALUS, INC.	2,060,396	AT&T CORP.	2,197,262	Boyer, Jean-Noel	2,024,886
ACROMED CORPORATION	2,236,972	AT&T CORP.	2,205,197	BRAUN, Adam C.	2,233,206
ADC		AT&T CORP.	2,205,279	BREDE, Jeffrey	2,211,117
TELECOMMUNICATION S, INC.	2,211,117	AT&T CORP.	2,205,343	Bredesen, Scott E.	2,067,484
ADOLPH COORS COMPANY	2,067,346	AT&T CORP.	2,206,467	Bretler, Haim	2,031,146
ADRIAENSSENS, Peter Isadore	2,224,795	AT&T CORP.	2,208,187	Briggs & Stratton Corporation	2,088,285
AGRAWAL, Rakesh	2,259,063	AT&T CORP.	2,210,947	Brochand, Max	2,033,803
AGRAWAL, Rakesh	2,259,065	AT&T CORP.	2,213,432	BROWN, Henry John Harding	2,236,972
AGRAWAL, Rakesh	2,259,079	AT&T CORP.	2,227,708	Brown, William	2,147,978
Ahluwalia, Gurpreet S.	2,158,041	AT&T CORP.	2,233,185	BROYLES, Carolyn E.	2,197,179
Aikawa, Takeo	2,036,353	AT&T IPM CORP.	2,170,087	BRUDER, Scott P.	2,211,120
AIR PRODUCTS AND CHEMICALS, INC.	2,259,063	ATLAS PACIFIC ENGINEERING COMPANY	2,146,883	Brun, Charles J., Jr.	2,174,898
AIR PRODUCTS AND CHEMICALS, INC.	2,259,065	ATR HUMAN INFORMATION PROCESSING RESEARCH LABORATORIES	2,186,050	Bruner, Jeffrey W.	2,136,967
AIR PRODUCTS AND CHEMICALS, INC.	2,259,079	AVENTIS PHARMACEUTICALS INC.	2,022,486	BUCHANAN, Norma Lindsey	2,221,996
Akerberg, Dag E:son	2,025,229	AVENTIS PHARMACEUTICALS INC.	2,023,951	BUHR, Terry J.	2,227,130
Allen, Paul V.	2,021,863	AVENTIS PHARMACEUTICALS INC.	2,023,951	Burnett, Gale D.	2,015,544
Allen, Richard C.	2,023,951	AVENTIS PHARMACEUTICALS INC.	2,028,287	BUSKA, Steven P.	2,211,117
ALSMEYER, Daniel Charles	2,221,996	AVENTIS PHARMACEUTICALS PRODUCTS INC.	2,188,147	CAMCO INTERNATIONAL INC.	2,222,205
Alvarez, Robert J.	2,067,484	BAILEY, Gary	2,215,085	Cammenga, Eric	2,136,967
Amendola, Angel	2,040,472	Banks, Rodney H.	2,021,892	CANON KABUSHIKI KAISHA	2,059,617
AMERICAN CYANAMID COMPANY	2,012,558	BASTARACHE, Gary R.	2,241,829	CANON KABUSHIKI KAISHA	2,112,735
AMERICAN CYANAMID COMPANY	2,041,728	Baudrihay, Marc	2,053,913	CANON KABUSHIKI KAISHA	2,128,967
Amery, Geoffrey Wilfred	2,158,041	BAUER, Thomas M.	2,233,185	CANON KABUSHIKI KAISHA	2,196,514
Amon, Philippe	2,031,146	Beavers, Randy Steven	2,148,497	CAPLAN, Arnold I.	2,211,120
AMPHENOL CORPORATION	2,028,029	BECKER, Allen R.	2,204,073	CARL-ZEISS-STIFTUNG TRADING AS CARL ZEISS	2,041,621
AMSTUTZ, Gary Arthur	2,224,795	BELL, Andrew Simon	2,200,169	CARSON, Glenn	2,196,523
Amway Corporation	2,111,620	BELLOVIN, Steven Michael	2,208,187	Cary, Gail Ezra	2,041,728
ANDERSON, Brian D.	2,211,117	BELOIT TECHNOLOGIES, INC.	2,224,842	CASE WESTERN RESERVE UNIVERSITY	2,211,120
Andreou, Demos	2,196,750	Bennett, Alan B.	2,194,388	Castelain, Damien	2,059,455
Anitec - John Sjöberg AB	2,072,595	Bennett, Jon C. R.	2,150,967	CELANESE GMBH	2,222,010
ANTHON, Douglas W.	2,237,697	Bercot, Dwayne	2,174,898	Chaco, John	2,166,054
ANTHON, Douglas W.	2,237,771	BERUBE, Guy	2,196,523	Chadwick, Donald	2,136,967
ANTONISHAK, STEPHEN J.	2,283,355	Bezwada, Rao S.	2,035,243	Chamberlain, Donald G.	2,159,396
Apgar, Joan L.	2,027,831	Biegajski, James E.	2,169,729	Chan, Kwok Wah	2,155,238
APPLEY, Kenneth E.	2,214,852	BIERL, James Franklin	2,257,458	CHANDARANA, Subash	2,210,996
Arimoto, Shinobu	2,112,735	Biocon Oy	2,010,274	Chee, Uriel Hiram	2,191,780
ARO S.A.	2,024,886	BLANCHETTE, Daniel	2,196,841	Chem Eng Contracts PTY Limited	2,037,041
ARZNEIMITTEL GmbH		Bleikolm, Anton	2,031,146	Chen, Franklin M. C.	2,046,117
APOTHEKER VETTER & CO. RAVENSBURG	2,198,415	BLIEDTNER, Jens	2,198,415	CHENG, Alan Tat Yan	2,219,967
ASAHI GLASS COMPANY LTD.	2,036,353			Chevalier, Bernard	2,195,679
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA	2,066,014			Cimino, George D.	2,066,234

## Index of Canadian Patents Issued

April 3, 2001

COLLINS, Brian J.	2,227,430	ELECTRA FORM, INC.	2,174,898	Glockler, Rainer	2,060,534
Conley, John K.	2,194,266	EMS-Inventa AG	2,140,378	GOHIL, Kishorchandra	2,224,795
Connolly, David L.	2,037,041	ENDO RECHERCHE INC.	2,239,733	GOINS, Garrett Lee	2,257,458
Consortium für elektrochemische Industrie GmbH	2,161,613	Engelson, Erik T.	2,191,780	Goldgar, David E.	2,196,795
Cook, Harold, Jr.	2,067,346	Ensor, David John	2,057,955	GOLDSTEIN, Alan Scott	2,211,717
Cook, Phillip Dan	2,183,371	ERIM INTERNATIONAL, INC.	2,232,844	Gonzalez, Frank J.	2,118,043
COUCH, Fergus	2,239,733	Escher, Andre	2,083,790	Goto, Akira	2,059,617
COUTURE, PIERRE	2,317,818	ETHICON ENDO-SURGERY, INC.	2,153,155	Grand Haven Stamped Products Company	2,161,477
COWLING, Mark Alasdair	2,206,013	ETHICON, INC.	2,035,243	Gross, James R.	2,017,677
CRAWFORD, Charles	2,215,085	EUROSHIELD OY	2,165,601	GROSS, Michael D.	2,212,505
CRAWFORD, Gregory P.	2,222,313	EXECUTONE INFORMATION SYSTEMS, INC.	2,166,054	Grosso, John A.	2,034,811
Crossman, Philip	2,136,967	FALLS, Patrick T.	2,227,430	GRUETT, Donald G.	2,214,229
CUMMINS-ALLISON CORPORATION	2,196,866	FARROW, DAVID LORNE	2,281,200	GRYGORCZYK, RICHARD	2,163,755
Dahlin, Jan Erik AKE Steinar	2,051,385	FERRI, Vincent	2,215,085	Gupta, Rakesh K.	2,125,016
DAIL, James E.	2,197,262	Fink, Cynthia A.	2,188,147	GUY BERUBE	2,196,523
DALEIDEN, Kevin L.	2,210,649	Fischer, Robert L.	2,194,388	Haddad, Aneace	2,195,679
DALLAS, Murray L.	2,202,174	FISHER & PAYKEL LIMITED	2,057,955	Hagemeyer, Roland L.	2,168,619
DANIEL, Christopher John	2,215,740	FISKE, Thomas G.	2,222,313	Hagio, Takeshi	2,173,929
DAPPER, Mark J.	2,211,117	Flim, Duane D.	2,067,484	Hall, David R.	2,025,898
Davis, Larry	2,028,287	FORD-HUTCHINSON, ANTHONY	2,163,755	Hamer, Russell Richard Lee	2,023,951
Davison, Thomas W.	2,153,155	Fore Systems, Inc.	2,150,967	Hampp, Norbert	2,161,613
de CAUMIA, Bruno	2,196,841	FORT, Michael J.	2,211,117	HANNON, Gregory E.	2,229,931
DEERE & COMPANY	2,257,458	Fortin, François	2,031,032	HANNON, Gregory E.	2,236,803
DeFRANCESCO, Salvatore J.	2,214,852	Foseco International Limited	2,088,199	Harland, Ronald S.	2,017,677
Degott, Pierre	2,031,146	FOSTER-MILLER, INC.	2,241,829	Harris, Curtis C.	2,118,043
DEGUSSA-HULS AKTIENGESELLSCHAFT	2,022,221	FRANCE TELECOM	2,059,455	Harshman, Keith D.	2,196,795
Dehesh, Houtan	2,179,758	Freed, Brian S.	2,023,951	Hartman, Marvis E.	2,020,165
Delacroix, Dominique	2,053,913	FREEMAN, Walter J.	2,125,016	HAYASHI, Mikio	2,203,611
Dent, Paul Wilkinson	2,051,385	French, John Barry	2,055,410	Hayashi, Toshio	2,112,735
Deschler, Ulrich	2,022,221	Fues, Johann Friedrich	2,058,636	Hayden, Alfred Patrick	2,088,565
DEVACK, Donald Leonard	2,219,967	FUJISHIRO, Masamichi	2,244,951	Hayden, Patrick Lawrence	2,088,565
Di Giammarino, Silvio	2,191,547	FUKADA, Yasuto	2,243,241	HAYNESWORTH, Stephen E.	2,211,120
Dimatteo, Stephen	2,153,155	Fukushima, Masahiro	2,178,881	HAZELTON, Thomas James	2,227,473
DIMPLEX NORTH AMERICA LIMITED	2,310,367	FUNARI, Michael A.	2,204,073	Hearst, John E.	2,066,234
DIMSA, Robert	2,215,085	Funk, Colin	2,163,755	HEAU, Christophe	2,196,589
Dixon, Guy E., III	2,073,435	Futreal, P. Andrew	2,196,795	Heinzmann, Klaus	2,060,534
DONDI, Giancarla	2,210,823	Fuwamoto, Yoshitaka	2,186,050	Helard, Jean-François	2,059,455
DOWTY RFL INDUSTRIES INC.	2,055,466	GADBOIS, Theresa	2,224,795	HELD, Jeffery Scott	2,216,650
DR. A TOSI FARMACEUTICI s.r.l.	2,210,823	GALLO, IGNAZIO	2,310,367	Helsley, Grover Cleveland	2,023,951
DRAPER, Stephen P.W.	2,227,430	GAMBINI, Piero	2,220,244	HENKEL KOMMANDITGESELLSC HAFT AUF AKTIEN	2,009,689
Drent, Eit	2,026,595	GAO Gesellschaft für Automation und Organisation mbH	2,059,486	HENKEL KOMMANDITGESELLSC HAFT AUF AKTIEN	2,055,484
DRUCKER, Frank	2,214,536	GARCIA, Jose (Sergio)	2,237,617	HENKEL KOMMANDITGESELLSC HAFT AUF AKTIEN	2,058,636
Dufour, Denis	2,031,032	Gardner, Thomas Kenneth	2,025,386	HENN, Robert Lyon	2,236,803
E.I. DU PONT DE NEMOURS AND COMPANY	2,231,160	Garland, Albert J., Jr.	2,017,771	HERCULES INCORPORATED	2,125,016
E.R. SQUIBB & SONS, INC.	2,034,811	Gaz de France	2,031,032	HERMAN MILLER, INC.	2,113,485
EASTMAN CHEMICAL COMPANY	2,148,497	Geib, Joseph J.	2,196,866	HERMAN MILLER, INC.	2,136,967
EASTMAN CHEMICAL COMPANY	2,221,996	GEILE, Michael J.	2,211,117	Herman, Fred Wade	2,091,728
EATON CORPORATION	2,155,238	GEISLER, Iring	2,221,386	Herold, Claus-Peter	2,009,689
EATON CORPORATION	2,155,370	Gelboin, Harry V.	2,118,043	Herold, Claus-Peter	2,058,636
EDWARDS, Roger Dale	2,221,996	GENENCOR INTERNATIONAL, INC.	2,093,422	HERRMANN, James J.	2,211,117
Edwards, Thomas C.	2,084,683	Genise, Thomas A.	2,155,370	HERRON, Donn Michael	2,259,063
Effland, Richard Charles	2,022,486	Geo-X Systems Ltd.	2,159,396	HERRON, Donn Michael	2,259,065
Effland, Richard Charles	2,028,287	GETTY, Edward Eugene	2,211,717	HERRON, Donn Michael	2,259,079
EIS, INC.	2,227,473	GILBOY, Christopher P.	2,233,185	Hershey Foods Corporation	2,027,831
ELAN PHARMACEUTICALS, INC.	2,224,795	Giovannoni, James	2,194,388	HESS, KRISTOFFER	2,310,367
ELASTEX, INC.	2,205,541	Girgis, Mikhail M.	2,142,603	Hilbig, Klaus	2,187,519
		GLENN CARSON	2,196,523	HI-LIFE RUBBER, INC.	2,240,282
		Glezer, Ari	2,196,750	HILL, Terrance J.	2,211,117
		Global Environmental Solutions, Inc.	2,138,782	Hinman, Walter L.	2,055,466

## Index des brevets canadiens délivrés 3 avril 2001

HINSPERGER, PETER	2,033,708	KAMB, Alexander	2,239,733	Lehman, Gary	2,196,750
HINSPERGERS POLY INDUSTRIES LTD.	2,033,708	Kanda, Takashi	2,103,743	Levy, Julia G.	2,149,636
Hirai, Isamu	2,066,014	KAPITAN, John Mark	2,236,972	Lian, Ming Ren	2,091,728
Hirai, Jun	2,035,241	Kaplan, Andreas	2,140,378	LING, Fuyun	2,220,965
HIRATA, Hiroyuki	2,243,241	Karel, Thomas R.	2,113,485	LOCKE, John S.	2,231,160
HISHIDA, Hirozo	2,198,449	KATO, Chiaki	2,222,814	Lonnas, Bertil	2,050,598
Hoffman, Gary R.	2,055,466	Kaule, Wittich	2,059,486	Lonza Ltd.	2,083,790
HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,244,951	Kawai, Norie	2,186,050	Lonza, Ltd.	2,060,534
Honda, Takashi	2,035,241	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2,198,449	LORENZ, ROBERT D.	2,312,434
HONEYWELL INC.	2,073,035	KAWASAKI STEEL CORPORATION	2,222,814	Louis Berkman Company (The) LUCENT TECHNOLOGIES INC.	2,168,619
Hoots, John E.	2,021,892	Kehl, Ralf	2,055,484	LUTHER, Robert R.	2,224,795
Hoppe, Manfred	2,140,378	Keller, Carolyn	2,136,967	Machacek, Steven L.	2,194,266
HOPPMAN, Chris	2,210,649	Kenney, Alan George	2,104,102	MACPHERSON, DAVID MILLER	2,310,367
HOPPMAN, David P.	2,210,649	Kiely, John	2,183,371	Maeda, Keijiro	2,108,843
Hosokawa, Toshihiro	2,006,675	Kiener, Andreas	2,060,534	Mahapatra, Amaresh	2,004,046
Hou, Jinzhao	2,153,180	KIJIMA, Michio	2,244,951	MAIER, Douglas W.	2,199,170
Houjou, Kazuhiko	2,196,514	Kikuchi, Naohiko	2,036,236	MARINI, Alex P.	2,204,073
HOWMEDICA INTERNATIONAL INC.	2,206,013	Kikuchi, Shinichi	2,173,929	Markham, Ronald C.	2,111,620
HSC RESEARCH & DEVELOPMENT LIMITED PARTNERSHIP	2,239,733	KIMBERLY-CLARK WORLDWIDE, INC.	2,017,677	Markyvech, Ronald K.	2,155,370
HUBBELL INCORPORATED	2,017,771	KIMBERLY-CLARK WORLDWIDE, INC.	2,046,117	Martin Keith Frazer	2,025,386
Huffman, Gary A.	2,188,280	Kinkel, Eberhard	2,140,378	Martin, Lawrence Leo	2,023,951
Hunter, Alastair W.	2,035,243	Kinney, Daniel R.	2,113,485	Martz, Jonathan T.	2,020,165
Huntoon, Andrew Edsel	2,046,117	KIRSCHT, Robert J.	2,211,117	MASCO CORPORATION OF INDIANA	2,225,426
HURAS, MATTHEW A.	2,146,170	Kitazawa, Toshiyuki	2,066,014	MASON, Timothy J.	2,241,829
HYDRO-QUEBEC	2,317,818	KJAERGAARD INDUSTRI AUTOMATIC A/S	2,207,710	Masuda, Kazuaki	2,059,617
Hyundai Motor Company	2,150,718	KLEBE, Douglas O.	2,237,617	Masuda, Takashi	2,017,700
IBM CANADA LTD. - IBM CANADA LIMITÉE	2,146,170	KLEIN, Eric	2,210,649	Masui, Shohei	2,006,675
Idemitsu Petrochemical Co., Ltd.	2,036,473	Klein, Joseph Thomas	2,028,287	Mathieu, Fabienne	2,053,913
IGARASHI, Masaaki	2,233,338	Kleinschmit, Peter	2,022,221	Matsubara, Mamoru	2,028,507
Iida, Yoshihito	2,103,743	KNAUER, Hans-Jürgen	2,221,386	Matsudo, Nobuhiko	2,066,014
IKEDA, Kenichi	2,219,873	Kniffen, Todd E.	2,067,484	Matsumoto, Masahito	2,006,675
ILLINOIS TOOL WORKS INC.	2,215,189	Koch, Kenneth L.	2,027,831	Matsuura, Seiji	2,021,016
IMMERSION HUMAN INTERFACE CORPORATION	2,233,206	Kokonaski, William	2,194,266	MAYTAG CORPORATION	2,221,230
IMMUNEX CORPORATION	2,194,228	KOMIZO, Yuuichi	2,243,241	McGREGOR, Gordon L.	2,229,931
Ingwall, Richard T.	2,046,858	Kondo, Kazuhiko	2,102,772	McGREGOR, Gordon L.	2,236,803
Isaacs, Stephen T.	2,066,234	KONDO, Kunio	2,233,338	McKnight, Steven L.	2,153,180
ISHII, Kazuo	2,219,873	KONDO, Toyoshi	2,242,022	MCNEIL-PPC, INC.	2,035,246
Ishii, Mikihiko	2,178,881	KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,092,692	McPherson, James I.	2,113,485
Ishii, Satoshi	2,198,501	KOSEK, Michael R.	2,232,844	Medema, Robert M.	2,161,477
ISHIKAWA, Kazuhiko	2,209,793	KOVARIK, Thomas J.	2,215,740	Mercer, Frank Brian	2,025,386
Ishitsubo, Ryuichi	2,006,675	KRISTIPATI, Ramasharma	2,224,795	MERCK FROSST CANADA & CO./MERCK FROSST CANADA & CIE	2,163,755
ISIS Pharmaceuticals, Inc.	2,183,371	KUBIAK, Donald A.	2,204,073	MERRICK'S, INC.	2,240,282
ISOBE, Makoto	2,222,814	Küchel, Michael	2,041,621	Metchette, Kenneth C.	2,066,234
Iwasaki, Tameo	2,102,772	Kumamoto, Kenji	2,186,676	METTERS, KATHLEEN	2,163,755
Iwashiro, Kuniaki	2,186,676	Kuramochi, Junko	2,112,735	Miki, Yoshio	2,196,795
J.L. Clark, Inc.	2,043,197	Kurano, Tomoaki	2,173,929	Mile High Equipment Company	2,067,484
JANSEN, PATRICK L.	2,312,434	KUTHYAR, Ashok K.	2,205,343	Miles, George A.	2,136,967
Janson, Kurt	2,050,598	Lafond, Luc	2,183,029	Miller, Charles Maurice	2,088,565
Jeannot, William E., Jr.	2,113,485	LAMERS, Paul H.	2,199,170	Miller, Paul L.	2,138,782
JEFFRIES, Mark A.	2,227,473	LANITZ, Siefried	2,180,333	MILLER, Robert Raymond II	2,210,947
JUDD, John E.	2,214,852	Lanitz, Siegfried	2,180,333	Miller, Roy W.	2,004,046
Kaburagi, Yoshiaki	2,128,967	Larenas, Edmund	2,093,422	Miller, Van	2,187,962
Kabushiki Kaisha Nikko	2,115,204	Larsen, Douglas C.	2,036,085	MILLIKEN & COMPANY	2,100,934
KABUSHIKI KAISHA TOSHIBA	2,173,929	LARSON, Leigh R.	2,240,282	Mills, Timothy	2,175,100
Kali und Salz GmbH	2,221,386	LARSON, Reed A.	2,240,282	Mimura, Hideki	2,173,929
Kalinich, Robert C.	2,146,883	Lashbrook, Coralie	2,194,388	MINATO, Kazuaki	2,205,767
Kamb, Alexander	2,196,795	LAURBERG, Claus Kirkegaard	2,207,710	MINOR, Raymond B.	2,229,931
		Lawlor, Michael J.	2,017,771	MINOR, Raymond B.	2,236,803
		Le Floch, Bernard	2,059,455	MINTZLAFF, Richard P.	2,237,617
		Lee, Unkoo	2,150,718	Misencik, John Joseph	2,014,190

## Index of Canadian Patents Issued April 3, 2001

MITATE, Takehito	2,205,767	OGAWA, Kazuhiro	2,233,338	PYROVAC TECHNOLOGIES	
MITSUBISHI DENKI		OIL-RITE CORPORATION	2,214,229	INC.	2,196,841
KABUSHIKI KAISHA	2,186,676	OKUNO, Akio	2,244,951	QUALCOMM	
MITSUBISHI JUKOGYO		Olsen, Gordon Edward	2,028,287	INCORPORATED	2,179,758
KABUSHIKI KAISHA	2,178,881	OLSON, Kurt G.	2,199,170	Quiclave, L.L.C.	2,216,650
MITSUI CHEMICALS INC.	2,180,630	Oohashi, Tsutomu	2,186,050	Rahim, Mazin G.	2,192,397
MITSUI CHEMICALS INC.	2,311,753	ORLANDINI, Laura	2,219,669	Raith, Alex Kristler	2,051,385
Miura, Shigeki	2,178,881	ORTHO-MCNEIL		Rajewski, Roger	2,074,186
Mochizuki, Naoto	2,103,743	PHARMACEUTICAL,		Ram, Yaron	2,166,054
MODI, Pankaj	2,210,996	INC.	2,169,729	RAMAMURTHY, Ram S.	2,205,343
Modig, Clifford	2,075,972	Osborn, Charles	2,161,477	Ramthun, Dennis C.	2,194,269
Moen, Bruce A.	2,067,346	OSIRIS THERAPEUTICS, INC.	2,211,120	Ransburg Industrial Finishing KK	2,113,783
MOHARRAM, Omayma El-		OSRAM SYLVANIA INC.	2,148,400	RAPISARDA, Dario	2,219,669
Sayed	2,199,287	OTC - OPTICAL		Rault, Jean-Christophe	2,059,455
MOO, Barbara E.	2,208,187	TECHNOLOGIES		RAYTHEON COMPANY	2,212,505
MOORE NORTH AMERICA		CENTER S.R.L.	2,220,244	RAYTHEON COMPANY	2,231,847
INC.	2,281,200	OUELLETTE, Edward L.	2,197,179	RAYTHEON COMPANY	2,237,617
Moos, Simon	2,160,007	P.L.G. Research Limited	2,025,386	RECOT, INC.	2,197,179
MORGAN, Isaac E.	2,206,467	PACKAGING CORP. OF		Reinheimer, Horst	2,187,519
Morimiya, Yuji	2,017,700	AMERICA	2,194,269	REIT, Robert E.	2,227,708
Morimoto, Masako	2,186,050	Panelfold, Inc.	2,073,435	Ricciardi, Dominic	2,193,015
MORIN, Sylvie R.	2,214,536	Panster, Peter	2,022,221	RICHTER, ANNA M.	2,149,636
MOTOROLA, INC.	2,167,940	PAPADOPOULOS, Haralabos	2,208,830	ROBERTS, Harold A.	2,211,117
MOTOROLA, INC.	2,215,740	Parrella, Michael J.	2,194,266	Robinson, Jerry Allen	2,193,015
MOTOROLA, INC.	2,220,965	Pascavage, John Joseph	2,012,558	Rogge, Dieter	2,033,669
Mottier, Line	2,035,656	Patent Category Corporation	2,154,734	Rokkanen, Pentti	2,010,274
Mueller, Heinz	2,009,689	PAUL, Jeffrey A.	2,237,617	ROMMENS, Johanna M.	2,239,733
Mueller, Heinz	2,058,636	PEARLMAN, Paul Sheldon	2,231,160	Roper Family Trust	2,088,513
Mugnier, Jean-François	2,033,802	Pella Corporation	2,227,130	Roper, David H.	2,088,513
MULHERN, JAMES P.	2,283,355	Pellegrini, Henri	2,024,886	ROSENBERG, Louis B.	2,233,206
MUNKS, Timothy C.	2,237,697	Perälä, Martti	2,165,601	ROY, Christian	2,196,841
Murakami, Takao	2,113,783	PETTUS, Mark Raymond	2,224,795	ROY, Radhika R.	2,205,343
Muraoka, Kiyoshige	2,028,671	PEYROVIAN, M. Javad	2,205,197	Rozumek, Olivier	2,031,146
Murray, John Hunter	2,100,934	PEYROVIAN, M. Javad	2,205,279	RUDRAPATNA, Ashok N.	2,210,947
Myers Michael R.	2,188,147	Pfeifer, Andrea M. A.	2,118,043	RUSSELL, Jesse Eugene	2,210,947
MYRIAD GENETICS, INC.	2,196,795	PFIZER RESEARCH AND		Saito, Eiji	2,113,783
MYRIAD GENETICS, INC.	2,239,733	DEVELOPMENT		Saito, Hidemi	2,103,743
Nagase, Tetsuya	2,112,735	COMPANY, N.V./S.A.	2,200,169	Saito, Yuichi	2,036,236
Nakai, Takehiko	2,112,735	PGI INTERNATIONAL, LTD.	2,021,863	SAKANAKA, Satoru	2,198,449
Nakano, Satoshi	2,066,014	Pherigo, Douglas E.	2,043,197	Samson, Gene	2,191,780
NAKANO, Yasuo	2,198,449	Philip Morris Products Inc.	2,040,472	SAMSUNG ELECTRONICS	
Nakao, Makoto	2,036,353	Piesold, Heinz	2,180,333	CO., LTD.	2,100,094
NAKASHIMA, Katsumi	2,198,449	PIONEER HI-BRED		Samuels, James V.	2,060,396
Nalco Chemical Company	2,021,892	INTERNATIONAL, INC.	2,188,280	SANDERS, Marcus Maria	2,236,972
NEC CORPORATION	2,219,873	Pixton, David S.	2,025,898	Santi, John	2,088,285
NELSON, Gregory Wayne	2,221,996	Pohjonen, Timo	2,010,274	Sasanuma, Nobuatsu	2,112,735
Nestec S.A.	2,118,043	Polaroid Corporation	2,004,046	Sato, Motoaki	2,059,617
Newhouse, Keith Elling	2,041,728	POLAROID CORPORATION	2,046,858	Sato, Osamu	2,066,014
Newport, Anthony	2,174,898	POMAGALSKI S.A.	2,033,802	Sato, Yoshinobu	2,112,735
NICELY, Vincent Alvin	2,221,996	POMAGALSKI S.A.	2,033,803	SATOH, Kazunari	2,244,951
Nimberger, Spencer M.	2,021,863	POOLE, James E.	2,199,170	Sayers, Randy J.	2,136,967
NISCA CORPORATION	2,103,743	PPG INDUSTRIES OHIO, INC.	2,020,165	Schaefer, Thomas Joseph	2,041,728
NISHIMURA, Naoto	2,205,767	PPG INDUSTRIES OHIO, INC.	2,142,603	SCHAFFNER, WALTER E.	2,283,355
Nishina, Emi	2,186,050	PPG INDUSTRIES OHIO, INC.	2,199,170	Schahrer, Clinton O.	2,067,484
NISHIYAMA, Toshiaki	2,198,449	PRAXAIR TECHNOLOGY,		SCHENA, Bruce M.	2,233,206
Noguchi, Jun	2,141,449	INC.	2,219,967	SCHEPER, William Michael	2,211,717
NOISE CANCELLATION		Previdoli, Felix	2,083,790	SCHIFFMANN, Robert Frank	2,216,650
TECHNOLOGIES, INC.	2,194,266	Price, Virginia Lee	2,194,228	SCHLAGE LOCK COMPANY	2,196,750
Noma, Hiroyuki	2,036,236	PRIDE MOBILITY PRODUCTS		Schmitt, Werner	2,187,519
Nomafa AB	2,073,559	CORPORATION	2,283,355	Schoelling, Hans Werner	2,035,246
NORITOMI, KATSUMI	2,311,753	PRINGLE, Ronald E.	2,222,205	Schoenfelder, Rodney C.	2,136,967
NORTEL NETWORKS		Proctor, Lee Michael	2,167,940	Schultz, Kenneth	2,196,750
LIMITED	2,199,287	PUCCI, Maurizio	2,219,669	Schwab, Werner	2,055,484
Novatek	2,025,898	PULEO, Mario	2,220,244	SCIENTIFIC-ATLANTA, INC.	2,237,697
NOVELL, INC.	2,227,430	PUURUNEN, Juha-Pekka	2,236,880	SCIENTIFIC-ATLANTA, INC.	2,237,771
O'Dwyer, James B.	2,020,165			Scott, Ann M.	2,169,729

**Index des brevets canadiens délivrés  
3 avril 2001**

SECURITY TAG SYSTEMS, INC.	2,091,728	Sumitomo Metal Industries, Ltd.	2,212,346	TOKARZ, Steven J.	2,225,426
SENSORMATIC ELECTRONICS CORPORATION	2,214,536	SUMITOMO METAL INDUSTRIES, LTD.	2,243,241	Tokita, Koji	2,141,449
Sensui, Takayuki	2,066,014	Sumitomo Rubber Industries Limited	2,028,671	Tokura, Kunihiko	2,021,016
SETO, Kazuhiro	2,222,814	Sumitomo Rubber Industries Limited	2,036,236	TOMATIS, Gian C.	2,224,842
Shalaby, Shalaby W.	2,035,243	SUN, Chaochen J.	2,227,708	TOMIYA, Nobuyuki	2,203,611
SHARP KABUSHIKI KAISHA	2,205,767	SUNDBERG, Carl-Erik Wilhelm	2,208,830	Tormala, Pertti	2,010,274
SHARP KABUSHIKI KAISHA	2,209,793	Suzuki, Noriyuki	2,128,967	TOSI, Silvana	2,210,823
Shattuck-Eidens, Donna M.	2,196,795	Swenson, Jeff	2,196,795	Toyo Ink Manufacturing Co., Ltd.	2,203,611
SHELL CANADA LIMITED	2,026,595	SWENSON, Robert Scott	2,215,740	TOYOTA JIDOSHA KUBUSHIKI KAISHA	2,198,501
SHERMAN, BERNARD CHARLES	2,285,852	TADLER, Kenneth J.	2,231,160	TRI-LYNX CORPORATION	2,214,620
SHIBATA, Caroline Tjhen	2,231,160	Taira, Kazuhiko	2,173,929	Troll, Mark A.	2,046,858
Shibata, Hidenori	2,036,353	Takahashi, Akio	2,066,014	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA (The)	2,239,733
SHIGEMOTO, HIROMI	2,311,753	Takatsu, Sumio	2,028,671	TSUKUDA, Yoshihiro	2,205,767
Shimada, Mitsuhiro	2,017,700	Takeuchi, Kunihiko	2,125,016	TUBBS, Robert Wayne	2,205,541
Shirahata, Tatsuo	2,180,630	Takeuchi, Kunio	2,036,473	Tularik, Inc.	2,153,180
Shiraki, Yasushi	2,036,473	Takeuchi, Masataka	2,141,449	Uchibori, Takahiro	2,036,353
Shishikura, Takenao	2,066,014	Talja, Martti	2,010,274	Uchida, Yoshiki	2,112,735
Shively, Carol A.	2,027,831	Tanabe Seiyaku Co., Ltd.	2,102,772	Ueda, Kenichi	2,036,473
Shmuel, Shottan	2,100,094	Tanaka, Sohei	2,128,967	UEDA, Masakatsu	2,212,346
Shoemaker, Sharon P.	2,093,422	Tanioka, Hiroshi	2,112,735	UEDA, Masakatsu	2,233,338
Shoji, Masakazu	2,170,087	TARGET THERAPEUTICS, INC.	2,175,100	UEDA, Masakatsu	2,243,241
SHOWA DENKO K.K.	2,028,507	TARGET THERAPEUTICS, INC.	2,191,780	Ueda, Miyuki	2,141,449
SHOWA DENKO K.K.	2,141,449	Tarka, Stanley M., Jr.	2,027,831	Uemura, Hiroshi	2,128,967
Sibal, Shiv	2,125,016	Tarrant, Dennis E.	2,028,029	Uitenbroek, Duane Girard	2,046,117
SICPA Holding SA	2,031,146	TATSUMI CORPORATION	2,242,022	UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY OF THE DEPARTMENT	2,196,795
SILVERSTEIN, Louis D.	2,222,313	Tavtigian, Sean V.	2,196,795	University of Kansas (The)	2,074,186
SIMARD, Jacques	2,239,733	TAVTIGIAN, Sean V.	2,239,733	UNIVERSITY OF UTAH RESEARCH FOUNDATION	2,196,795
Simon MOOS Maskinfabrik A/S	2,160,007	TECMACHINE	2,196,589	Uryu, Masaru	2,021,016
Sjöberg, John	2,072,595	TELEDIFFUSION DE FRANCE S.A.	2,059,455	Usui, Nobuhiro	2,006,675
Skolnick, Mark H.	2,196,795	TELEFONAKTIEBOLAGET LM ERICSSON	2,025,229	Utagawa, Tsutomu	2,112,735
Smith, Garry	2,088,199	TELEFONAKTIEBOLAGET LM ERICSSON	2,051,385	Vainionpaa, Seppo	2,010,274
Smith, Paul	2,153,155	Tessman, John W.	2,066,234	Vanderbilt University	2,163,755
Snitzer, Elias	2,004,046	TETLEY GB LIMITED	2,104,102	Vaughan, Robert A.	2,036,085
SOCIETE DES PRODUITS NESTLE S.A.	2,035,656	Teva Pharmaceutical Industries Ltd.	2,053,913	Venkatraman, Subbu S.	2,169,729
Sohlström, Lasse	2,165,601	THE GILLETTE COMPANY	2,158,041	VETTER, Helmut	2,198,415
SONY CORPORATION	2,017,700	THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE DEP	2,118,043	Vibrametrics, Inc.	2,214,852
SONY CORPORATION	2,021,016	THE LUBRIZOL CORPORATION	2,088,565	Vincent, Tim J.	2,146,170
SONY CORPORATION	2,035,241	THE PROCTER & GAMBLE COMPANY	2,187,519	Viret, Jean-Louis	2,035,656
SONY CORPORATION	2,108,843	THE PROCTER & GAMBLE COMPANY	2,211,717	von Tapavicza, Stephan	2,009,689
Southpac Trust International, Inc.	2,149,259	THE PROCTER & GAMBLE COMPANY	2,219,669	von Tapavicza, Stephan	2,058,636
Spada, Alfred P.	2,188,147	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,194,388	W. L. Gore & Associates, Inc.	2,229,931
SPENCER, SEAN DAVID	2,310,367	THE UNIVERSITY OF BRITISH COLUMBIA	2,149,636	W.L. GORE & ASSOCIATES, INC.	2,236,803
Sprankle, Kelly	2,183,371	Thut, Bruno H.	2,168,507	WADMAN, Mark S.	2,211,117
STAHL, Ingo	2,221,386	Timmermans, Josef Maria Karel	2,092,692	WANDA, Kazuo	2,209,793
Stainton, John Ernest	2,155,238	Tischendorf, Andrew	2,196,750	WANG, Michael Mao	2,220,965
Standard Products Company (The)	2,036,085	Tokai Kogyo Kabushiki Kaisha	2,054,021	Wantier, Henri	2,053,913
STANKWITZ, Herbert C.	2,232,844			Ward, Robert L.	2,021,863
Starck, Hans	2,073,435			Watanabe, Takashi	2,059,617
Stasik, Anthony	2,155,238			Watanuma, Susumu	2,036,236
STAUPENDAHL, Gisbert	2,198,415			Wataya, Masafumi	2,128,967
Stella, Valentino	2,074,186			WATERFIELD, ELIZABETH M.	2,149,636
STEPHENSON, Peter Thomas	2,200,169			WATKINS, Harry E.	2,214,536
STEWART, Kenneth A.	2,220,965			WEBER, Barbara L.	2,239,733
Stignani, Mark D.	2,138,782			Weder, Donald E.	2,149,259
Stretto Di Messina S.P.A.	2,147,978			Weiss, Geoffrey L.	2,093,422
Stumpf, William E.	2,136,967				
SUMITOMO CHEMICAL COMPANY, LIMITED	2,006,675				
Sumitomo Metal Industries Ltd.	2,233,338				



**Index of Canadian Patents Issued  
April 3, 2001**

WELCOME REAL TIME	2,195,679
Wells, Sara Stanley	2,148,497
WEST, Earle H.	2,227,708
WESTINGHOUSE AIR BRAKE COMPANY	2,215,085
WESTINGHOUSE ELECTRIC CORPORATION	2,014,190
WETEKAMP, Robert L.	2,221,230
Wettlaufer, David Gordon	2,022,486
Whipple, Gary	2,153,155
WHITE, GERALD J.	2,283,355
White, John I.	2,023,951
Whitney, Duncan H.	2,046,858
WIEN, Roy	2,237,617
WIESMAN, Richard M.	2,241,829
WILD, Ronald Lee	2,213,432
Wille, Hans-Juergen	2,035,656
Williams, James Carl	2,148,497
Wilpon, Jay Gordon	2,192,397
WILSON, Barry F.	2,197,179
Wilson, James J.	2,067,484
Windmoller & Holscher	2,033,669
Winston, Charles R., Jr.	2,073,035
Wisconsin Alumni Research Foundation	2,312,434
Wiseman, Roger W.	2,196,795
Wisneski, Anthony John	2,046,117
Wittmer, Gary G.	2,138,782
Wright, John O.	2,148,400
WRIGHT, Scott	2,214,229
XEROX CORPORATION	2,222,313
Xiang-Guang, Yu	2,025,898
Yada, Yukihiro	2,054,021
YAGI, Eiichi	2,198,449
Yagi, Reiko	2,186,050
YAMADA, Kazuo	2,205,767
Yamamoto, Masato	2,066,014
Yamamoto, Mitsuru	2,196,514
Yamanaka, Toshimasa	2,066,014
Yano, Hiroki	2,036,353
Yasaka, Naoto	2,180,630
Yashima, Hideo	2,141,449
YOKOYAMA, Katsuhiko	2,244,951
Yoshida, Masanori	2,115,204
Yoshinaga, Kazuo	2,112,735
ZHANG, Yanping	2,259,063
ZHANG, Yanping	2,259,065
Zheng, Yu	2,154,734
ZURN INDUSTRIES, INC.	2,204,073

# Index of Canadian Laid-Open Applications

March 11, 2001 - March 17, 2001

## Index des demandes canadiennes mises à la disponibilité du public

11 mars 2001 - 17 mars 2001

513004 B.C. LTD.	2,319,954	BARANCEV, ALEXEI V.	2,319,718	BROWN, PETER K.	2,319,297
A.O. SMITH CORPORATION	2,319,868	BARANCEV, ALEXEI V.	2,319,721	BROWN, WALDA	2,316,706
ABB RESEARCH LTD.	2,318,709	BARBER, JUDITH D.	2,318,715	BUDWIG, CHRISTOPHER	2,316,706
ABT, ROBERT A.	2,308,343	BARDHAN, BIBHUTI		BUEHRER, R. MICHAEL	2,314,583
ADVANCE LIFTS, INC.	2,292,098	BHUSAN	2,284,371	BUEHRER, R. MICHAEL	2,317,621
AJINOMOTO CO., INC.	2,319,689	BARIAUD, CHRISTIAN		BULL S.A.	2,318,613
AKASAKA, NOBUHIRO	2,317,386	BERNARD	2,281,965	BURDONOV, IGOR B.	2,319,718
ALB, CRISTIAN	2,317,912	BARKER, JACK G.	2,316,761	BURDONOV, IGOR B.	2,319,719
ALLPRESS, STEPHEN ALAN	2,314,583	BARRAT, SYLVAIN	2,318,616	BURDONOV, IGOR B.	2,319,721
ALLPRESS, STEPHEN ALAN	2,317,621	BARRAT, SYLVAIN	2,318,632	BURDONOV, IGOR B.	2,319,725
ALMAC MACHINE WORKS LTD.	2,282,134	BARRETT, BRAD C.	2,284,189	BURIAN, JAN	2,281,913
ALPERINE, SERGE		BARTON, MELBOURNE	2,317,140	BURKE, KEVIN	2,318,507
ALEXANDRE	2,318,612	BARTON, MELBOURNE	2,317,265	BURNS, MARK R.	2,318,004
AMERICAN INK JET CORPORATION	2,319,671	BARTSCH, REIN	2,317,257	BUSWELL, RICHARD F. (DECEASED)	2,318,687
AMERIPRIDE SERVICES INC.	2,319,879	BATHE, BRIGITTE	2,317,058	BYE, MORTEN	2,316,737
AMSTED INDUSTRIES INCORPORATED	2,317,835	BAYER		BYRNE, NORMAN R.	2,318,708
AMSTED INDUSTRIES INCORPORATED	2,317,913	AKTIENGESELLSCHAFT	2,317,978	CAMPANELLA, KEVIN	2,318,706
ANDERSON, MARK A.	2,316,761	BEAUVAIS, MELISSA MARIE	2,314,724	CAMPBELL, BRYAN A.	2,282,223
ANDRITZ-AHLSTROM INC.	2,318,027	BECHAZ, BERNARD	2,318,616	CANADIAN (21) STOOK LTD.	2,282,226
AQUINO, GIOVANNI	2,317,367	BECHAZ, BERNARD	2,318,632	CANDELARIA, LAUREN	2,282,199
ARBEUS, ULF	2,319,607	BELL & HOWELL GMBH	2,282,093	CARCAGNO, GABRIEL	2,319,926
ARNAULT, VERONIQUE	2,318,612	BELYKH, DMITRY A.	2,318,713	CARDIOGENE GENTHERAP. SYSTEME AG	2,300,328
ARNOLD, THOMAS	2,317,257	BENDALL, ERIC	2,319,405	CARISELLA, JAMES V.	2,282,141
ARSENAULT, ARMAND J.	2,282,260	BENDALL, ERIC	2,319,407	CASTEGNIER, ADRIEN	2,282,128
ARTHUR, LISA M.	2,282,246	BENDALL, ERIC	2,319,600	CASTEGNIER, ADRIEN	2,282,188
ARZNEIMITTELWERK DRESDEN GMBH	2,317,257	BENNETT, RICHARD	2,318,687	CASTEGNIER, ADRIEN	2,282,951
ASTOR, JOHN J.	2,317,986	BERGSTROM, DONALD E.	2,318,004	CAUTEREELS, VICTOR J. J.	2,317,267
AT&T CORP.	2,317,980	BERKLEY, JEFF	2,318,687	CELESTICA INTERNATIONAL INC.	2,302,793
AVERY DENNISON CORPORATION	2,289,289	BESSON, MARINETTE ANNIE	2,282,862	CHAMPION ROAD MACHINERY LIMITED	2,282,821
AVERY DENNISON CORPORATION	2,317,837	BHATTACHARYA, ABHIJIT	2,318,643	CHAMPION ROAD MACHINERY LIMITED	2,309,248
AZEKAWA, YOSHIFUMI	2,300,326	BIL, ERIC STÉPHAN	2,281,965	CHARENTE, GERRY	2,319,883
B.M.R. MFG. INC.	2,282,100	BIO RESEARCH CORPORATION OF YOKOHAMA	2,299,967	CHIBA, OSAMU	2,300,326
BABIN, CHRISTOPHER JOHN	2,317,292	BJ SERVICES COMPANY	2,318,703	CHIN, RICK	2,318,706
BACKER, ROBERT D.	2,317,361	BLANCHETTE, GREG	2,318,687	CHOROSZYLOW, EWAN	2,317,367
BADAROUX, THIERRY	2,317,931	BOERKE, GORDON	2,317,889	CHOUZENOUX, CHRISTIAN	2,316,044
BAKER HUGHES INCORPORATED	2,282,899	BONIOR, DAVID	2,319,954	CHRIST, FRANKLIN C.	2,318,688
BAKER HUGHES INCORPORATED	2,318,627	BONNINGUE, PHILIPPE	2,319,960	CIGLENEC, REINHART	2,316,044
BAKER HUGHES INCORPORATED	2,319,602	BOOTH, JOHN	2,284,400	CLARKSON, DAVID CHRISTOPHER	2,282,776
BALES, MICHAEL E.	2,318,684	BORER, TIMOTHY JOHN	2,282,776	COENEN, HERBERT	2,319,875
BALES, MICHAEL E.	2,318,715	BOUWKAMP, PIETER W. W.	2,308,344	COLBOURNE, PAUL	2,318,655
BALLARD GENERATION SYSTEMS INC.	2,318,687	BOVINGTON, CHARLES H.	2,318,690	COLE III, IRA E.	2,314,442
BANBA, YUTAKA	2,317,322	BOYER, JOHN	2,298,294	COLE, FRANK	2,318,016
BANKERT, RICHARD	2,317,338	BOYNE, PHILIP J.	2,318,654	COLE, IRA E., III	2,317,389
BARAN, ILYA	2,318,706	BRANECKY, BRIAN T.	2,319,868	COLE, IRA E., III	2,319,293
		BRANNON, HAROLD D.	2,318,703	COMBINED PRODUCTS COMPANY #1, INC.	2,319,631
		BRAUN, CARL	2,315,665	CONNECTEURS CINCH	2,317,931
		BREWDA, PETER	2,282,139	CORONADO, MARTIN P.	2,319,602
		BROWN, ALISON K.	2,319,297	COWEN, ALLEN	2,317,246
		BROWN, JAMES B., JR.	2,318,002		
		BROWN, JOHN SCOTT	2,318,684		
		BROWN, JOHN SCOTT	2,318,715		
		BROWN, JOHN SCOTT	2,318,716		
		BROWN, JOHN SCOTT	2,318,725		

**Index of Canadian Laid-Open Applications**  
**March 11, 2001 - March 17, 2001**

CRAIG, PETER	2,317,507	ELCORSY TECHNOLOGY		GLANTON, DARRELL D.	2,316,761
CRAMER, GUY	2,282,155	INC.	2,282,951	GLASSFORD, MARK WAYNE	2,282,821
CRANE COMPANY	2,308,343	ELIASSON, BALDUR	2,318,709	GLASSFORD, MARK WAYNE	2,309,248
CRANE COMPANY	2,308,344	ELLIOTT, CHARLES THOMAS		GLAXO GROUP LIMITED	2,317,999
CREOSCITEX CORPORATION			2,291,537	GLOBALSTAR L.P.	2,318,704
LTD.	2,319,945	EMMOTT, STEPHEN J.	2,282,173	GLOSTER, DANIEL F.	2,319,671
CRIPPS, ALAN LESLIE	2,317,999	ENDRESS + HAUSER GMBH +		GOLEMBIEWSKI, RONALD D.	2,317,835
CROS, JÉROME	2,282,636	CO.	2,317,794	GORDON, NEIL THOMSON	2,291,537
CROWN NORTH AMERICA	2,318,695	ENNIS, JERRY D.	2,282,223	GOTTLIEB, ROBERT K.	2,319,304
DAINES, SHIRLEY	2,282,226	ENSUIKO SUGAR REFINING		GOUBAULT-LARRECQ, JEAN	2,318,613
DANA CORPORATION	2,316,758	CO., LTD.	2,299,967	GRAHAM, MICHAEL EVANS	2,317,286
DANA CORPORATION	2,316,760	ENTRELEC S.A.	2,318,616	GRAY, TOM	2,319,863
DANA CORPORATION	2,317,891	ENTRELEC S.A.	2,318,632	GREAT PLAINS BUFFALO	
DANIELI TECHNOLOGY, INC.		ERICSSON AUSTRIA AG	2,317,679	PRODUCTS, INC.	2,282,135
	2,319,610	ESHED, DAVID	2,319,945	GREENWALD, HOWARD J.	2,317,367
DANLEY, THOMAS T.	2,318,717	ESSIG, ROGER H.	2,282,558	GRIFFIN, MICHAEL D.	2,317,361
DAOUST, GILBERT	2,282,574	FASANO, FULVIO	2,317,688	GRIMES, RICHARD SCOTT	2,298,294
DART INDUSTRIES INC.	2,317,267	FELICE, JOHN	2,317,369	GROULX, ROBERT	2,316,459
DAVIS, JOHN G.	2,302,793	FELLER, RICHARD L.	2,282,569	GROVE U.S. L.L.C.	2,317,361
DAVIS, KEITH L.	2,318,719	FERAG AG	2,319,910	GRUBER, UDO	2,319,702
DAVIS, STANLEY	2,319,879	FERNANDES, LUIZ CLAUDIO		GUENNOUN, MOUHCINE	2,319,863
DECOMA INTERNATIONAL		VIEIRA	2,284,240	HA, TOAN HUY	2,282,049
CORP.	2,282,137	FIEGE, WILFRED	2,282,137	HAHN, BRUCE RAYMOND	2,314,015
DEGUSSA-HULS		FIorentino, MARCO	2,319,298	HAIRSINE, ALAN	2,318,016
AKTIENGESELLSCHAFT	2,317,058	FIRSTBROOK & DOMAN LTD		HALASA, ADEL FARHAN	2,312,452
DEGUSSA-HULS			2,319,681	HALLBERG, EDWIN A.	2,282,140
AKTIENGESELLSCHAFT	2,318,507	FIRSTBROOK, KEITH	2,319,681	HALVORSON, DAVID H.	2,313,910
DEMAKOV, ALEXEI V.	2,319,719	FISCHER, WOLFGANG	2,317,978	HANKINS, LYNN	2,292,977
DEMAKOV, ALEXEI V.	2,319,721	FISHER, SUSAN K.	2,318,715	HANSON, GARRY O.	2,318,692
DEMARCHI, STEPHANE	2,319,922	FORD GLOBAL		HARA, KOJI	2,299,967
DESMEULES, JEAN-		TECHNOLOGIES, INC.	2,317,362	HARA, KOZO	2,299,967
FRANÇOIS	2,297,220	FORD GLOBAL		HARADA, KAORI	2,318,702
DESPONTS, MARCO	2,284,316	TECHNOLOGIES, INC.	2,317,369	HARMAT, FRED	2,282,134
DESROCHERS, EDDY	2,297,220	FOSTER, GERALD ALLEN	2,282,771	HARSCO TECHNOLOGIES,	
DESROCHERS, EDDY	2,306,611	FOSTER, JAMES D.	2,302,921	INC.	2,318,692
DESTEPHEN, STEPHEN J.	2,316,706	FOWLER, DONNIE J.	2,316,761	HARTMANN, MICHAEL	2,317,058
DHULER, VIJAYAKUMAR R.	2,317,246	FOXLEE, THOM	2,317,369	HARWELL, VIRGINIA L.	2,318,715
DI CINTIO, GUISEPPE	2,284,439	FRANKLIN MINT COMPANY	2,317,338	HATAYAMA, HITOSHI	2,317,386
DIETZ, LEON T.	2,318,643	FRITZKE, MARK A.	2,319,634	HAUGEN, DEROLLE E.	2,318,688
DILLENBECK, ROBERT L.	2,318,703	FROHLICH, MARK	2,284,294	HAWTHORNE, V. TERREY	2,317,835
DITLEF, ARNALDO ANTONIO	2,318,010	FROST, RAYMOND	2,316,459	HAYDON, THOMAS H.	2,318,688
DOLAN, LAWRENCE SANTO	2,316,506	FUJITA, KATSUYUKI	2,318,700	HAYWARD, KEN	2,318,023
DOLAN, LAWRENCE SANTO	2,316,572	FURTER, FRANK	2,319,910	HAYWARD, KEN	2,318,025
DORAK, JOHN J., JR.	2,316,762	GABRIELSON, KURT D.	2,282,246	HECKER, MARKUS	2,300,328
DRESSER-RAND COMPANY	2,317,986	GALLI, ANDREA	2,319,298	HEEREN, MARINUS	
DUFOUR, DANIEL	2,327,232	GALTER, DMITRI	2,319,718	CORNELIS MARIA	2,307,423
DUNN, RUSSELL B.	2,317,162	GALTER, DMITRI	2,319,719	HEGEMIER, TIMOTHY A.	2,316,760
DUPUIS, CHRISTINE	2,319,920	GALTER, DMITRI	2,319,721	HEGEMIER, TIMOTHY ALAN	2,316,758
DUPUIS, CHRISTINE	2,319,929	GALTER, DMITRI	2,319,725	HEINE, MICHAEL	2,319,702
DUPUIS, CHRISTINE	2,319,930	GARNER, TERENCE	2,318,690	HICKEY, KURT A.	2,282,899
DUPUIS, CHRISTINE	2,319,931	GASNER, GLENN ERVIN	2,314,724	HILL, EDWARD	2,317,246
DUPUIS, CHRISTINE	2,319,947	GEISTLICH, PETER	2,318,654	HIMU ELECTRO CO., LTD.	2,319,628
DUPUIS, CHRISTINE	2,319,959	GENDRON, DANIEL	2,284,188	HIROTA, YOSHINARI	2,306,307
EATON CORPORATION	2,317,292	GENERAL ELECTRIC		HIRSHFIELD, EDWARD	2,318,704
EATON CORPORATION	2,317,346	COMPANY	2,282,950	HOLLANDER, MILTON	
EATON CORPORATION	2,318,596	GENERAL ELECTRIC		BERNARD	2,319,880
ECKERSLEY, CLIVE P.	2,316,044	COMPANY	2,317,286	HOLT, ROBIN	2,319,879
ED GEISTLICH SOHNE AG		GENERAL ELECTRIC		HON TECHNOLOGY INC.	2,318,719
FUR CHEMISCHE		COMPANY	2,317,840	HONMA, ITARU	2,319,637
INDUSTRIE	2,318,654	GEORGIA-PACIFIC RESINS,		HOWARD, CHRISTINE R.	2,308,343
EGGIMAN, MICHAEL D.	2,319,634	INC.	2,282,246	HRDLICKA, FRED L.	2,317,996
EIBLING, EDWARD ELLIS	2,317,293	GESSNER, S. FRANK	2,298,294	HSU, WEN-LIANG	2,312,452
ELCORSY TECHNOLOGY		GINGRAS, MICHEL	2,282,574	HUGGINS, ORVILLE C.	2,317,102
INC.	2,282,128	GINZBURG, VLADIMIR B.	2,319,610	HUIE, JERRY W.	2,316,761
ELCORSY TECHNOLOGY		GKN WALTERSCHEID GMBH	2,319,864	HUITEMA, SJOERD	2,318,007
INC.	2,282,188	GKN WALTERSCHEID GMBH	2,319,875	HULL, ERIC G.	2,315,574

## Index des demandes canadiennes mises à la disponibilité du public

11 mars 2001 - 17 mars 2001

HUNG, MICHAEL	2,282,230	KILLER, ERIC	2,318,709	LI, GANG	2,317,295
ILIASSEVITCH, STEPAN	2,282,862	KIM, CHANG-KYU	2,282,330	LI, QUINN	2,317,621
ILIE, FRANCOIS	2,317,924	KIM, ENG-SOO	2,282,330	LITTLE, HEWARD CECIL	2,282,200
ILLINOIS TOOL WORKS INC.	2,316,516	KIM, KI-HWAN	2,282,330	LITTLE, HEWARD CECIL	2,282,204
IMPERIAL TOBACCO LIMITED	2,302,961	KIRCHNER, OLIVER	2,317,058	LOPEZ CABRERA, ANTONIO	2,318,008
INFINEUM INTERNATIONAL LIMITED	2,318,690	KIRLEY, PAUL	2,289,289	L'OREAL	2,319,920
INNOVATIVE GAMING CORPORATION OF AMERICA	2,319,405	KLEESE, PAMELA S.	2,318,715	L'OREAL	2,319,929
INNOVATIVE GAMING CORPORATION OF AMERICA	2,319,407	KO, WAI-SHING	2,313,366	L'OREAL	2,319,930
INNOVATIVE GAMING CORPORATION OF AMERICA	2,319,600	KOBUSCH, CLAUS	2,317,978	L'OREAL	2,319,931
INNOVATRON	2,317,924	KODAMA, MIYUKI	2,318,652	L'OREAL	2,319,947
INNOVISION LIMITED	2,282,776	KOEHLER, JOHN D.	2,297,530	L'OREAL	2,319,959
INRIA	2,318,613	KOGELSCHATZ, ULRICH	2,318,709	L'OREAL	2,319,960
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,316,762	KOLOSAREV, ANATOLY E.	2,318,713	LORENZ, FRANK	2,318,643
INTERNATIONAL ROLLING MILL CONSULTANTS, INC.	2,319,610	KOREA ATOMIC ENERGY RESEARCH INSTITUTE	2,282,330	LSI INDUSTRIES INC.	2,298,294
ITT MANUFACTURING ENTERPRISES, INC.	2,319,607	KOREA ELECTRIC POWER CORPORATION	2,282,330	LU, MING	2,317,302
ITTAH, JEAN	2,317,931	KORISCH, ILYA ALEXANDER	2,318,597	LUCENT TECHNOLOGIES INC.	2,314,583
JAEGTNES, INGEMAR	2,317,679	KOSSATCHEV, ALEXANDRE S.	2,319,718	LUCENT TECHNOLOGIES INC.	2,317,202
JAMES, IVY	2,282,786	KOSSATCHEV, ALEXANDRE S.	2,319,719	LUCENT TECHNOLOGIES INC.	2,317,293
JANG, SE-JUNG	2,282,330	KOSSATCHEV, ALEXANDRE S.	2,319,721	LUCENT TECHNOLOGIES INC.	2,317,295
JAY, WILLIAM EDWARD	2,318,716	KOSSATCHEV, ALEXANDRE S.	2,319,725	LUCENT TECHNOLOGIES INC.	2,317,297
JDS UNIPHASE INC.	2,317,246	KOTEK, JAMES F.	2,319,879	LUCENT TECHNOLOGIES INC.	2,317,302
JDS UNIPHASE INC.	2,318,655	KOZAK, BURTON	2,319,631	LUCENT TECHNOLOGIES INC.	2,317,381
JENNMAR CORPORATION	2,317,981	KOZAK, IRA	2,319,631	LUCENT TECHNOLOGIES INC.	2,317,517
JIANG, FRANCES	2,317,297	KRAFT FOODS, INC.	2,318,016	LUCENT TECHNOLOGIES INC.	2,317,621
JOHNSON & JOHNSON INDUSTRIA E COMERCIO LTDA.	2,318,010	KROCKENBERGER, FRANK W.	2,308,344	LUCENT TECHNOLOGIES INC.	2,317,621
JOHNSON, BUD T.J.	2,284,194	KROLCZYK, MARC J.	2,318,023	LUCENT TECHNOLOGIES INC.	2,317,899
JOHNSON, JERRY	2,319,879	KROLCZYK, MARC J.	2,318,025	LUCENT TECHNOLOGIES INC.	2,317,901
JOHNSON, PAUL	2,317,999	KT INDUSTRIES LTD.	2,282,627	LUCENT TECHNOLOGIES INC.	2,317,903
JOHNSON, PETER J.	2,319,405	KUK, IL-HYUN	2,282,330	LUCENT TECHNOLOGIES INC.	2,317,973
JOHNSON, PETER J.	2,319,407	KUO, WEN-YI	2,317,293	LUCENT TECHNOLOGIES INC.	2,317,974
JOHNSON, PETER J.	2,319,600	KURATA, NOBUHIRO	2,318,014	LUCENT TECHNOLOGIES INC.	2,318,597
JOHNSON, ROBERT EVEREST	2,317,901	KUTTNER, WOLFRAM	2,317,978	LUTZ, ERNIE	2,284,318
JOHNSON, ROGER D.	2,318,717	KUZYK, MICHAEL A.	2,281,913	MacKENZIE, DALE WILLIAM	2,282,771
KALINOWSKI, JORN	2,317,058	KVAERNER OIL & GAS A/S	2,316,737	MADDOX, JEFFREY T.	2,299,848
KAMEL, RAAFAT EDWARD	2,317,293	L3 COMMUNICATIONS CORPORATION	2,319,633	MAKSTALLER, RONALD W.	2,298,294
KAMEL, RAAFAT EDWARD	2,317,517	LABORATORIOS DEL DR. ESTEVE, S.A.	2,318,008	MALBOEUF, PAUL	2,317,362
KAMIR, YOSEF	2,319,945	LAMBERTUS, JAMES	2,294,437	MALLOZZI, JOSEPH D.	2,319,304
KANFER, JOSEPH S.	2,299,848	LANGLEY, PETER	2,284,400	MALWITZ, NELSON E.	2,317,856
KARMOUCH, AHMED	2,319,863	LANKAU, HANS-JOACHIM	2,317,257	MALY, NEIL ARTHUR	2,312,452
KARP, TERJE	2,316,737	LANXON-WHITFORD, NICHOLAS	2,282,627	MANARAS DOOR & GATE OPERATOR COMPANY	2,297,220
KARTEN, STUART	2,289,289	LAROCHE, NICOLAS	2,319,922	MANARAS DOOR & GATE OPERATOR COMPANY	2,306,611
KAUTEX TEXTRON GMBH. & CO. KG.	2,318,653	LARSON, BRENT KEVIN	2,314,724	MANCINELLI, VINCENT	2,318,008
KAY, WILLIAM W.	2,281,913	LAUSSERMAIR, THOMAS	2,318,643	MANDAI, TADAKATSU	2,299,967
KAYA, SHUSUKE	2,319,867	LAUTH, MANFRED	2,300,328	MANGIAMELLI, CINDY	2,319,304
KEHOE, STEVEN CHARLES	2,285,121	LAVIGNE, ODILE	2,318,612	MANKOVSKII, SERGE	2,319,863
KELLER, THOMAS P.	2,317,102	LEE, ALEX KINMING	2,317,267	MANZIONE, LOUIS THOMAS	2,318,597
KENDALL, ANTHONY E.	2,318,715	LEE, SHAU-TARNG	2,317,856	MARCHIONDA, DAWN M.	2,318,023
KENYON, DAVID JOHN	2,282,821	LEFEBVRE, JULIEN	2,284,294	MARCHIONDA, DAWN M.	2,318,025
KENYON, DAVID JOHN	2,309,248	LELIEVRE, DANIEL	2,297,220		
KIENZLE, ANDREAS	2,319,702	LELIEVRE, DANIEL	2,306,611		
		LEMBCKE, JEFFREY J.	2,282,899		
		LENEY, MARK THOMAS	2,317,901		
		LEPLEY, JOEL	2,282,150		
		LESCHINGER, MATTHEW	2,316,506		
		LESCHINGER, MATTHEW	2,316,572		

**Index of Canadian Laid-Open Applications  
March 11, 2001 - March 17, 2001**

MARCONI COMMUNICATIONS, INC.	2,316,506	MOEHLNG, CHARLES MONARCH MARKING SYSTEMS, INC.	2,317,835	ORIDIGM CORPORATION OSLAKOVIC, FRANK EDWARD	2,318,004
MARCONI COMMUNICATIONS, INC.	2,316,572	MOQUIN, PHILIPPE	2,317,102	OSYPOV, KONSTANTIN SERGEEVICH	2,282,950
MARKO I.R.D.C. INC.	2,284,294	MORIWAKI, SHOHEI	2,317,507	PARADIS, MICHAEL JOSEPH	2,318,627
MARRA, JON M.	2,318,685	MORIYA, KAZUYOSHI	2,300,326	PAUL, JEANNE	2,317,286
MARTIN, ANDRE	2,302,961	MOROFOSKY, NEIL	2,289,417	PEDERSON, KENNETH ALLEN	2,282,199
MARUCCI, N. DOMINIC	2,317,338	MORROW, GLENN	2,318,683	PELLA CORPORATION	2,282,248
MARUYAMA, HARUJI	2,319,628	MUELLER, DAN T.	2,318,622	PERA, FLORIN	2,317,996
MARX, ACHIM	2,318,507	MVP (H.K.) INDUSTRIES LIMITED	2,318,703	PETRESCO, ALEXANDRE K.	2,282,862
MAST, REXFORD R.	2,299,848	MYERS, WILLIAM P.	2,282,230	PETRENKO, ALEXANDRE K.	2,319,718
MATERNE, THIERRY FLORENT EDME	2,314,015	NADEAU, NORMAN GARY	2,291,429	PETRENKO, ALEXANDRE K.	2,319,719
MATINI, AMIR H.	2,319,297	NAHUM-ALBRIGHT, MICHELLE VICTORIA	2,282,208	PETRENKO, ALEXANDRE K.	2,319,721
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,317,322	NAKAGAMI, ATSUSHI	2,292,225	PETRENKO, ALEXANDRE K.	2,319,725
MATUSZEWSKI, JERZY	2,317,912	NAKAGOSHI, HIROYUKI	2,316,037	PFEFFERLE, WALTER	2,317,058
MAXIMOV, ANDREI V.	2,319,719	NAKANISHI, KATSUYOSHI	2,319,689	PHILLIPS, JOSEPH R.	2,318,027
MAXIMOV, ANDREI V.	2,319,725	NALCO/EXXON ENERGY CHEMICALS, L.P.	2,299,967	PHILLIPS, R. WILLIAM	2,282,100
MAYNARD, LYMAN B.	2,318,695	NAMSYS INC.	2,313,880	PILOSSOF, NISSIM	2,319,945
MAYTAG CORPORATION	2,318,684	NASU, TAMIE	2,282,104	PITNEY BOWES INC.	2,319,304
MAYTAG CORPORATION	2,318,715	NATIONAL UNIVERSITY OF IRELAND	2,318,702	POOL, JAMES K., III	2,318,715
MAYTAG CORPORATION	2,318,716	NAVISTAR INTERNATIONAL TRANSPORTATION CORP.	2,318,507	POPOVIC, MIRJANA	2,319,639
MAYTAG CORPORATION	2,318,725	NAVSYS CORPORATION	2,316,761	PORTER, JERRY	2,282,857
MCCANN, GERARD O.	2,318,002	NCR CORPORATION	2,319,297	POTOSNAK, THOMAS	2,316,506
McCORMACK, ASHLING	2,318,507	NEUBAUER, MARK G.	2,282,173	POTOSNAK, THOMAS	2,316,572
MCDOWELL, JENNIFER L.	2,319,296	NEW YORK AIR BRAKE CORPORATION	2,317,361	PRASAD, ALAKH	2,318,687
MCDOWELL, RONALD W.	2,319,296	NEWKIRK, FRANKLIN D.	2,318,685	PRASAD, NIKHIL	2,310,790
MCGEE, EILEEN	2,282,216	NICHOLS, DEREK	2,308,344	PRATT, MICHAEL K.	2,316,729
MCGEE, EILEEN	2,319,885	NINOMIYA, TAKAO	2,282,229	PREMO, KENNETH	2,292,098
MCGRAW EDISON COMPANY	2,302,921	NISHIKAWA, OSAMU	2,319,867	PROWS, DENNIS S.	2,317,102
McKAY, JAMES RUSSELL	2,282,106	NISHIMURA, MASAYUKI	2,319,637	PRUNES, VASILE	2,318,655
MCKEE, PHILIP M.	2,318,715	NOMURA, SHIGEKI	2,317,386	PUHLER, ALFRED	2,317,058
MCKEOWN, FRANK S.	2,317,835	NORGARD, JOHN D.	2,319,637	QUI, ROBERT CAIMING	2,317,297
MCLAUGHLIN, BRYAN M.	2,318,685	NORM THOMPSON OUTFITTERS, INC.	2,319,297	R & F FOLDING BOXES	2,307,423
MEANS, JILL L.	2,318,715	NORTEL NETWORKS CORPORATION	2,282,199	RALEA, MIHAI	2,318,688
MEARS, ARTHUR WILLIAM	2,282,111	NORTEL NETWORKS CORPORATION	2,317,912	RAMESH, NALLEPILLI S.	2,317,621
MESING, THOMAS CARL	2,317,840	NORTEL NETWORKS CORPORATION	2,319,718	RAMESH, NATARAJAN S.	2,317,856
MESSAGENET S.R.L.	2,319,298	NORTEL NETWORKS CORPORATION	2,319,719	RAUCH, CHRISTIAN	2,319,300
MEVREL, REMY	2,318,612	NORTEL NETWORKS CORPORATION	2,319,719	RAVENHALL, JOHN ANDREW	2,317,840
MEYERS, MARTIN HOWARD	2,317,517	NORTEL NETWORKS CORPORATION	2,319,719	REA, IRVIN BRUCE	2,317,346
MGA CONSTRUCTION HARDWARE & STEEL FABRICATING LTD.	2,314,604	NORTEL NETWORKS CORPORATION	2,319,721	REA, IRVIN BRUCE	2,318,596
MICHAELS, PAUL ALAN	2,317,346	NORTEL NETWORKS CORPORATION	2,319,725	REAVELL, JAMES A.	2,282,100
MICHAELS, PAUL ALAN	2,318,596	NORTEL NETWORKS LIMITED	2,318,622	REGENT LIGHTING CORPORATION	2,313,366
MIKUNI, KATSUHIKO	2,299,967	NORTH AMERICAN LIGHTING, INC.	2,297,530	REICHART, GLENN	2,310,790
MILBAR, MAREK	2,317,899	NORTHERN TELECOM LIMITED	2,282,862	REIMELT, RALF	2,317,794
MILBAR, MAREK	2,317,903	NYILAS, CINDY	2,327,753	REVLOCK, DENNIS P., SR.	2,315,574
MILLER, SCOT C.	2,317,996	OCE PRINTING SYSTEMS GMBH	2,318,643	RHYNE, GREGORY KEITH	2,317,891
MIROUS, GEORGE E.	2,282,246	O'DAY, CHRISTINE L.	2,318,004	RIAZI, HABIB	2,317,973
MISHIMA, YOSHITAKA	2,317,876	O'DONOHUE, MICHAEL	2,318,507	RIAZI, HABIB	2,317,974
MITEL CORPORATION	2,316,459	OKUBO, MICHIO	2,319,867	RIBEIRO, TONY	2,318,643
MITEL CORPORATION	2,317,507	OKUMOTO, HIROSHI	2,299,967	RICCI, FERNANDO	2,282,237
MITEL CORPORATION	2,319,639	ORIANI, PAULO CESAR DE GODOY	2,318,010	RIEDY, CHARLES H.	2,315,574
MITEL CORPORATION	2,319,863			RING, MICHAEL E.	2,314,282
MITSUBISHI DENKI KABUSHIKI KAISHA	2,300,326			ROGER, MURIEL	2,318,613
MITSUBISHI ELECTRIC SYSTEM LSI DESIGN CORPORATION	2,300,326			ROOT, KEVIN B.	2,318,685
MOCKEL, BETTINA	2,317,058			ROSKIES, GREG	2,282,151
MOCKEL, BETTINA	2,318,507			ROSS, SUSAN E.	2,282,216
				ROSS, SUSAN E.	2,319,885
				ROSTOCK, ANGELIKA	2,317,257
				ROTHMAN, RUSSELL D.	2,291,429
				ROY, RADHIKA R.	2,317,980
				RUBACK, JEFFREY M.	2,317,835
				RUNDFELDT, CHRIS	2,317,257
				RUPP INDUSTRIES, INC.	2,318,717

## Index des demandes canadiennes mises à la disponibilité du public

11 mars 2001 - 17 mars 2001

RUSSELL, COLIN	2,286,408	SOCIETE NATIONALE	THE FURUKAWA ELECTRIC	
SACHENKO, ANATOLY I.	2,318,713	D'ETUDE ET DE	CO., LTD.	2,319,867
SAGEM SA	2,319,922	CONSTRUCTION DE	THE GOODYEAR TIRE &	
SAKAGUCHI, SHOJI	2,319,689	MOTEURS D'AVIATION	RUBBER COMPANY	2,312,452
SANDSTROM, PAUL HARRY	2,312,452	"SNEC	THE GOODYEAR TIRE &	
SARKISIAN, ANDREW	2,317,362	SOHN, DONG-SEONG	RUBBER COMPANY	2,314,015
SARKISIAN, ANDREW	2,317,369	SOLANAS IBARRA, PEDRO	THE GOODYEAR TIRE &	
SATO, HITOSHI	2,318,652	JUAN	RUBBER COMPANY	2,314,724
SAVARD, MICHEL	2,284,222	SOLIDWORKS	THE LAMSON & SESSIONS	
SAYEED, ZULFIQUAR	2,317,973	CORPORATION	COMPANY	2,315,574
SAYEED, ZULFIQUAR	2,317,974	SONI, ROBERT ATMARAM	THE PILOT INK CO., LTD.	2,318,700
SAZANOV, JURI L.	2,319,719	SONI, ROBERT ATMARAM	THE SECRETARY OF	
SAZANOV, JURI L.	2,319,725	SPENCER, CHARLES P.	AGENCY OF	
SCAIANO, JUAN C.	2,319,883	SPIEWAK, BRAD	INDUSTRIAL SCIENCE	
SCARFIA, MICHAEL L.	2,309,464	STAHLGRUBER OTTO	AND TECHNOLOGY	2,319,637
SCHIELD, EDWARD L.	2,322,307	GRUBER GMBH & CO.	THE SECRETARY OF STATE	
SCHIELD, KEVIN	2,322,307	STAMBACK, MARK ALLEN	FOR DEFENCE	2,291,537
SCHLOSSER, LOTHAR	2,318,654	STAMEY, WILLIE L., JR.	THE UNIVERSITY OF	
SCHLUMBERGER CANADA		STANGIER, OSKAR	TENNESSEE RESEARCH	
LIMITED	2,316,044	STANKUS, JOHN C.	CORPORATION	2,282,092
SCHMITT, MICHAEL	2,318,643	STAPELTON, CLIONA	THOMAS & BETTS	
SCHMOLL, HERBERT	2,282,137	STAVROPOULOS, JOHN	INTERNATIONAL, INC.	2,319,296
SCHROEDER, DENNIS	2,289,289	STEPHENSON,	THOMAS, JAMES R.	2,316,761
SCHROER, JAMES	2,317,369	CHRISTOPHER J.	THOMAS, KENNETH ALBERT	2,282,627
SCHULZ, DIETER	2,319,639	STETTES, GREGORY G.	THOMAS, MATHEW	2,317,293
SCOTT, WILLIAM B.	2,314,442	STETTES, GREGORY G.	THUAULT, MICHEL	2,317,931
SCOTT, WILLIAM B.	2,317,389	STEVENS, DALE R.	TOBER, CHRISTINE	2,317,257
SCOTT, WILLIAM B.	2,319,293	STEWART, IAN ANGUS	TOKUMOTO, MEGUMI	2,318,014
SEALED AIR CORPORATION		STING, MARTIN	TONG, YOUNG	2,313,880
(US)	2,317,856	STRAUS, DAVID	TOTO KOGYO KABUSHIKI	
SEKISUI CHEMICAL CO.,		STRAUSS, BENJAMIN R.	KAISHA	2,306,307
LTD.	2,319,637	STROMBERG, C. BERTIL	TREMBLAY, YVES	2,316,459
SENECA SPORTS, INC.	2,316,729	SUGIMOTO, TOSHIYA	TSAI, MING-JU	2,318,597
SENGA, KUNIYUKI	2,318,700	SUMAR, HARRY M.	TSUBAKIMOTO CHAIN CO.	2,316,037
SETTLE, SHERI STOTZ	2,282,135	SUMAR, HARRY M.	TUFFLY, FRED	2,292,977
SEYMORE, MARK A.	2,316,761	SUMAR, HARRY M.	TURNER, JULIA CAROL	2,317,507
SEYMOUR, MARK	2,282,173	SUMITOMO ELECTRIC	TYCO ELECTRONICS	
SGL TECHNIK GMBH	2,319,702	INDUSTRIES, LTD.	LOGISTICS AG	2,319,294
SHAHNAZARIAN, GEORGE	2,314,604	SUSA, YASUYUKI	UCHIYAMA, SEIJI	2,319,867
SHERMAN, RICHARD M.	2,316,516	SWEENEY, GERALD T.	U-HAUL INTERNATIONAL,	
SHIMAKAWA, KAZUHIRO	2,300,326	SWEENEY, JOHN	INC.	2,292,977
SHUFFLE MASTER, INC.	2,317,160	TABANO, JACQUES R.	U-HAUL INTERNATIONAL,	
SHUFFLE MASTER, INC.	2,317,162	TAKEDA, IWAO	INC.	2,294,437
SHUMILIN, VICTOR F.	2,318,713	TAKEDA, KOICHI	UNI-CHARM CORPORATION	2,317,876
SHUMIN, WILLIAM	2,302,793	TAMIYA, HIROSHI	UNI-CHARM CORPORATION	2,318,014
SIBIREV, ANATOLY P.	2,318,713	TAN, SOR HOA	UNILEVER PLC	2,292,225
SIBIREV, SERGEY P.	2,318,713	TANCRED, JOHN	UNIVERSITY OF OTTAWA	2,319,863
SIDERCA S.A.I.C.	2,319,926	TANIGUCHI, SHOHEI	UNIVERSITY OF OTTAWA	2,319,883
SIEGMUND, HELMUT	2,317,991	TANITA CORPORATION	UNVERFERTH, KLAUS	2,317,257
SIEMENS, JOHN	2,282,104	TANJI, HIROYUKI	VAN DONGEN, GRAEME	2,282,134
SIMARD, ANDRE	2,319,883	TAYLOR, G. KIMBERLEY	VAN HOUSE, RICHARD	2,317,362
SIMIONATO, LUIZ BELLINO	2,318,010	TAYLOR, ROBERT S.	VAN HOUSE, RICHARD	2,317,369
SIPMA, SIMEN	2,318,007	TAYLOR, THOMAS P.	VAN ROON, MARK	2,284,400
SKINNER, COLIN W.	2,319,633	TEIKOKU PRINTING INKS	VANBESIEN, JOHAN	2,319,294
SLEDGE, LEROY	2,314,673	MFG. CO., LTD.	VASSEUR, ROBERT EUGENE	2,282,109
SLONOSKY, MICHAEL J.	2,317,912	TELCORDIA	VELLA-COLEIRO, GEORGE	
SMITH, DAVID GEORGE	2,282,945	TECHNOLOGIES, INC.	PHILIP	2,317,901
SMITH, JAMES NORMAN	2,320,582	TELCORDIA	VERHOVEN, JERRY	2,316,516
SNECMA MOTEURS	2,318,612	TECHNOLOGIES, INC.	VERMEULIN, NICOLAAS M.J.	2,318,004
SNOW PEAK, INC.	2,295,366	TELEFONAKTIEBOLAGET	VIAROUR, PHILIPPE	2,282,636
SNYDER, MARIA	2,319,879	LM ERICSSON	VOLLME, JURGEN	2,319,864
SOCIETE DES PRODUITS		TEN BRINK, STEPHAN	VRUBLEVSKY, ALEXANDR	
NESTLE S.A.	2,310,790	TETRA LAVAL HOLDINGS &	P.	2,318,713
SOCIETE DES PRODUITS		FINANCE S.A.	W. A. WHITNEY CO.	2,314,442
NESTLE S.A.	2,316,706	THE B.F. GOODRICH	W. A. WHITNEY CO.	2,317,389
		COMPANY	W. A. WHITNEY CO.	2,319,293

**Index of Canadian Laid-Open Applications  
March 11, 2001 - March 17, 2001**

WABASH TECHNOLOGY CORPORATION	2,318,002	ZHENG, DUNMIN	2,317,973
WADA, MITSUHIRO	2,318,014	ZHENG, DUNMIN	2,317,974
WAGNER, ANDREAS H.	2,300,328	ZHOU, MICHAEL Z.	2,317,361
WAGNER, GUNTER	2,319,864	ZHU, PENGFEI	2,317,295
WALRATH, JOHN	2,302,961	ZHU, PENGFEI	2,317,297
WANG, LIWA	2,317,295	ZHU, PENGFEI	2,317,302
WANG, LIWA	2,317,297	ZIMMERMANN, GERHARD	2,317,679
WANG, SIQUN	2,282,092		
WANVIK, LEIV	2,316,737		
WARWICK, FRED	2,318,687		
WEATHER SHIELD MFG., INC.	2,322,307		
WEAVER, CARL FRANCIS	2,317,293		
WEAVER, CARL FRANCIS	2,317,517		
WEBB, HEATHER K.	2,318,004		
WEBER, EARL K.	2,317,835		
WEDDING, WILLIAM R.	2,298,294		
WEIKARD, JAN	2,317,978		
WELLS, THOMAS E.	2,317,338		
WERTZ, STACEY L.	2,282,246		
WESTINGHOUSE AIR BRAKE COMPANY	2,313,910		
WESTINGHOUSE AIR BRAKE COMPANY	2,314,282		
WESTRAN HOLDINGS LIMITED	2,282,200		
WESTRAN HOLDINGS LIMITED	2,282,204		
WETTER, JEFFREY S.	2,317,996		
WHALEY, MELISSA	2,316,706		
WHITE, ANTHONY MICHAEL	2,291,537		
WHITE, WHITNEY	2,317,381		
WIEDEMAN, ROBERT A.	2,318,704		
WIEN, THOMAS M.	2,317,837		
WILL, STEFAN	2,282,093		
WILLIAMSON, JOHN	2,317,362		
WILLIAMSON, JOHN	2,317,369		
WILLOUGHBY, RONALD D.	2,302,921		
WILSON SPORTING GOODS CO.	2,319,634		
WINSTORFER, PAUL MICHAEL	2,282,092		
WISECUP, DAVID R.	2,317,102		
WONG, JOHNNY	2,317,891		
WONG, KUOK-SHOONG DANIEL	2,317,140		
WONG, KUOK-SHOONG DANIEL	2,317,265		
WONG, YIU-HUEN	2,318,597		
WORDSWORTH, GARY BRYAN	2,282,776		
WU, XIAO CHENG	2,317,517		
XEROX CORPORATION	2,318,023		
XEROX CORPORATION	2,318,025		
YEAGER, ROBERT H.	2,299,848		
YOKOYAMA, HIROAKI	2,295,366		
YOSELOFF, MARK L.	2,317,160		
YOSELOFF, MARK L.	2,317,162		
ZAJAC, CHRISTOPHER ANTHONY	2,317,292		
ZAKRYTOE AKTSIONERNOE OBSHESTVO "M.A.R.S.-TEKHNOLOGIJA"	2,318,713		
ZARRABIZADEH, MOHAMMAD HOSSEIN	2,317,899		

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

"HOLDERBANK" FINANCIERE GLARUS AG	2,333,415	ALBACARYS, LOURDES DESSUS	2,332,948	AOYAGI, KAZUKO	2,329,061
3M INNOVATIVE PROPERTIES COMPANY	2,332,885	ALBEMARLE CORPORATION	2,332,849	APAX VEHICLE DEVELOPMENTS INC.	2,333,369
3M INNOVATIVE PROPERTIES COMPANY	2,332,912	ALBEMARLE CORPORATION	2,333,534	APAX VEHICLE DEVELOPMENTS INC.	2,333,374
3M INNOVATIVE PROPERTIES COMPANY	2,333,009	ALCATEL	2,333,791	APHTON CORPORATION	2,332,774
AALTO, PENTTI	2,333,314	ALEXIS BIOTECH LIMITED	2,332,642	APTHORP, MARK S.	2,333,627
ABB AB	2,333,011	ALFA LAVAL MOATTI SNC	2,333,569	ARAUJO, FAUSTO	2,333,598
ABB AB	2,333,030	ALFERI, STEVEN R.	2,332,849	ARCADE, INC.	2,333,276
ABB AB	2,333,269	ALIEV, NARIMAN OKTAI- OGLA	2,332,106	ARCHAMBAULT, JEAN-LUC	2,333,057
ABB LUMMUS GLOBAL INC.	2,333,457	ALLEN, ANTHONY	2,332,104	ARCHE, GLENN STEVEN	2,332,833
ABB POWER T & D COMPANY INC.	2,333,624	ALLGON AB	2,332,434	ARCHIMICA (FLORIDA) INC.	2,332,114
ABBOTT LABORATORIES	2,332,518	ALLIEDSIGNAL INC.	2,333,013	ARCMET TECHNOLOGIE GMBH	2,332,951
ABBOTT LABORATORIES	2,333,598	ALLIEDSIGNAL INC.	2,333,287	ARESKOUG, STEFAN	2,332,361
ABI-NASSIF, FIRASS	2,333,447	ALLIEDSIGNAL INC.	2,333,630	ARESKOUG, STEFAN	2,332,795
ABLES, RICKEY W.	2,333,404	ALLIEL, PATRICK M.	2,331,923	ARGYROPOULOS, JOHN NICHOLAS	2,332,103
ABOLKHEIR GROUP (UK) LTD.	2,332,828	ALLISON, MICHAEL	2,329,302	ARICHELL TECHNOLOGIES, INC.	2,333,285
ABOLKHEIR, MOHAMED HOSNY	2,332,828	ALLMER, KLAS	2,333,618	ARION, DOMINIQUE	2,331,333
ABRAHAMSSON, GORAN	2,333,043	ALMGREN, JONAS	2,333,584	ARMISTEAD, JAMES P.	2,332,366
ABRAITIS, JOHN C.	2,333,576	ALSTOM UK LTD	2,333,573	ARNOLD, FRANCES	2,333,201
ABSYS	2,332,581	ALSTON, JAMES A.	2,333,396	ARONSON, VINCENT L.	2,333,538
ACHARYA, RAMESH N.	2,333,156	ALTAREX CORP.	2,333,221	ASHKINAZI, RIMMA ILINICHNA	2,333,537
ACITO, PAUL L.	2,333,292	ALTERRA HOLDINGS CORPORATION	2,333,543	ASMUS, ROBERT A.	2,333,009
ACKERMAN, STEVEN KENT	2,333,239	ALTHAUS, HANS-LUDWIG	2,333,597	ASSISTANCE PUBLIQUE- HOPITAUX DE PARIS	2,333,776
ACMOS CHEMIE GMBH & CO.	2,332,966	ALTMAN, AMNON	2,333,159	ASTRAZENECA AB	2,332,831
ACT LABS LTD.	2,333,451	ALTONEN, GENE MICHAEL	2,332,430	ASTRAZENECA AB	2,333,153
ADACHI, MAKOTO	2,332,528	AMCOL INTERNATIONAL CORPORATION	2,333,301	ASTRAZENECA AB	2,333,275
ADAIR, TONY R.	2,333,506	AMERICAN CYANAMID COMPANY	2,331,853	ASTRAZENECA AB	2,333,332
ADAMIETZ, RALF	2,332,777	AMERICAN CYANAMID COMPANY	2,333,313	ATALLA, RAJAI H.	2,332,897
ADAMS, JERRY LEROY	2,332,402	AMERICAN CYANAMID COMPANY	2,333,578	ATKINSON, ROBERT	2,331,833
ADAMS, JERRY LEROY	2,333,157	AMERINGER, GREG E.	2,332,894	ATLANTIC GILLNET SUPPLY, INC.	2,333,138
ADIVAN HIGH TECH LTD.	2,333,414	AMES, CHRISTOPHER JOHN	2,333,398	ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP	2,333,152
ADLER, PAUL E.	2,333,326	AMES, CHRISTOPHER JOHN	2,333,417	ATSUMI, MASARU	2,333,966
ADVANCED TECHNOLOGY MATERIALS, INC.	2,332,390	ANBAR, MICHAEL	2,333,406	ATTRUP, IB	2,333,113
ADVANCED WATER TECHNOLOGY, INC.	2,333,265	ANDERSON, GORDON EMORY	2,333,604	AUDIBLE, INC.	2,332,851
AGAPIOU, AGAPIOS KYRIACOS	2,333,239	ANDERSON, MARK	2,332,961	AUGUSTINE MEDICAL, INC.	2,333,389
AGENT, RHONDA ROGERS	2,333,196	ANDERSON, PAMELA WANG	2,333,384	AUGUSTINE, SCOTT D.	2,333,389
AGGARWAL, LALIT K.	2,333,547	ANDERSON, SCOTT P.	2,333,638	AULICH, PETER	2,332,889
AGRAWAL, ARUN, K.	2,332,621	ANDERSON, THOMAS P.	2,333,389	AURACHER, FRANZ	2,333,597
AGRO-KANESHO CO., LTD.	2,333,161	ANDERSSON, PER	2,333,618	AVANIR PHARMACEUTICALS	2,332,985
AHL, BENGT	2,332,939	ANDO, HIROSHI	2,333,399	AVANIR PHARMACEUTICALS	2,332,989
AHLIN, ARNOLD C. (deceased)	2,333,395	ANDREASEN, BENT KLOSTER	2,333,354	AVANIR PHARMACEUTICALS	2,332,999
AHLUWALIA, GURPREET S.	2,333,401	ANDREASEN, HANS	2,332,882	AVERY DENNISON CORPORATION	2,332,865
AIRPAX CORPORATION, L.L.C.	2,333,616	ANGELLO, JAMES T.	2,332,931	AVERY DENNISON CORPORATION	2,333,074
AKER ENGINEERING	2,333,357	ANGELONE, PHILIP P., III	2,332,397	AVIMO LIMITED	2,332,906
AKZO NOBEL N.V.	2,333,970	ANGIOSONICS INC.	2,333,626	AVIX INC.	2,332,947
ALA CART, INC.	2,333,546	ANGLO OPERATIONS LIMITED	2,333,300	AXELSSON, PER	2,333,545
ALADJOV, BOYKO	2,333,079	ANNO, TAKAHIKO	2,332,511	AXFORD, GEORGE S.	2,332,853
ALADJOV, BOYKO	2,333,400	ANSARI, SHAMIM ALAM	2,333,935		
AL-ALI, AMMAR	2,333,062	ANZAI, JOUJI	2,333,179		
ALAM, JOHN	2,333,063	AOKI, JUN	2,332,649		



## Index of PCT Applications Entering the National Phase

AXIVA GMBH	2,332,373	BERG, GERT	2,333,268	BONASIA, GAETANO	2,332,859
AXIVA GMBH	2,333,383	BERGMANN, WOLFGANG		BONASIA, GAETANO	2,332,866
AZUMA, YOSHIKI	2,332,935	ROBERT	2,332,300	BONASIA, GAETANO	2,332,871
BABCOCK, DONALD K.	2,333,207	BERLINGER, WILLIBALD G.	2,333,236	BONDINELL, WILLIAM	
BABEJ, JIRI	2,332,952	BERLUCHE, ENOCK	2,333,128	EDWARD	2,332,531
BACKSTROM, OLOF TOMAS	2,333,176	BERLUCHE, ENOCK	2,333,571	BONE CARE INTERNATIONAL,	
BAE, YOUN SOO	2,332,423	BERNARD, FRANCOIS	2,333,311	INC.	2,333,256
BAETEN, GUIDO JOZEF MARIA	2,333,069	BERNECKER, ULLRICH	2,333,544	BONE CARE INTERNATIONAL,	
BAGWELL, ALISON S.	2,333,568	BERNER, BRET	2,332,112	INC.	2,333,270
BAILEY, ADRIAN, G.	2,333,673	BERRIE, PETER	2,333,168	BONINI, JAMES A.	2,332,574
BAILEY, RICHARD H.	2,332,103	BERROCAL-ROMERO, JUANA		BONNEMANN, HELMUT	2,332,597
BAKER, JOSEPH L.	2,333,156	MARIA	2,333,475	BOOKHAM TECHNOLOGY PLC	2,332,604
BAKER, JOSEPH PETER		BERRY, ALAN	2,331,198	BOOKHAM TECHNOLOGY PLC	2,332,873
WILLIAM	2,332,942	BERRY, J. PATRICK	2,333,673	BOOKHAM TECHNOLOGY PLC	2,333,456
BALDWIN, DAVID A.	2,333,296	BERTINI, GLEN J.	2,333,370	BOOTEN, KARL	2,332,646
BALL, RONALD H.	2,333,553	BERTRAND, GUY	2,333,186	BOOTH, NORMAN EWART	2,333,050
BAMBOT, SHABBIR	2,332,833	BESWICK, JOHN ALFRED	2,333,194	BORDEN CHEMICAL, INC.	2,333,368
BAMFORD, PASCAL	2,333,614	BESWICK, PAUL JOHN	2,333,322	BOREALIS TECHNOLOGY OY	2,333,066
BANASIAK, RONALD	2,332,373	BETAGERI, RAJASHEKHAR	2,332,957	BORETZKY, JOACHIM	2,333,218
BANCTEL, FABRICE	2,333,791	BETELLE, FABIEN	2,332,622	BORKOW, GADI	2,331,333
BANNERJEE, ASHIM K.	2,332,378	BETENSKY, ELLIS I.	2,333,081	BORN, PETER	2,333,056
BANSE, FREDERIC	2,333,649	BETZDEARBORN INC.	2,332,598	BOROWSKY, BETH	2,332,574
BARBERICH, TIMOTHY J.	2,333,666	BEU, STEVEN C.	2,333,124	BORZEIX CONCAIX,	
BARKER, JEREMY	2,333,577	BEUKEMA, STEVEN J.	2,333,710	FREDERIQUE	2,333,787
BARONE, GIANNI	2,332,434	BEYER, CHRISTIAN	2,332,777	BOSTON SCIENTIFIC LIMITED	2,332,431
BARTH, THOMAS	2,333,237	BEYER, PETE	2,333,711	BOSTON SCIENTIFIC LIMITED	2,333,172
BARTH, VOLKER	2,333,593	BHP STEEL (JLA) PTY. LTD.	2,333,558	BOSTROM, PETER	2,333,970
BARTORELLI, ALBERTO	2,331,762	BIEDENBACH, BRUNO	2,333,593	BOUGAMONT, JEAN-LOUIS	2,333,052
BARTRUG, BRUCE A.	2,333,450	BINDER, CHRISTOPHER JAMES	2,333,388	BOULAY, ROBERT	2,333,576
BASELL TECHNOLOGY		BINDER, CHRISTOPHER JAMES	2,333,468	BOURLAS, YAIR	2,332,567
COMPANY B.V.	2,333,542	BINETTE, MARK L.	2,333,606	BOUSQUET, THIERRY	2,332,434
BASF AKTIENGESELLSCHAFT	2,333,008	BINNEY & SMITH INC.	2,333,071	BOUVIER, JACQUES	2,332,869
BASF AKTIENGESELLSCHAFT	2,333,234	BIOGEN, INC.	2,330,939	BOUVIER, WILLIAM P.	2,333,585
BASS, JAMES J.	2,332,555	BIOGEN, INC.	2,333,063	BOWEN, BENJAMIN A.	2,332,628
BAST, TIM	2,333,631	BIOGEN, INC.	2,333,656	BP AMOCO CORPORATION	2,332,502
BATES, CARY LEE	2,333,372	BIOGLAN AB	2,332,110	BP AMOCO CORPORATION	2,332,504
BATES, JAMES	2,332,415	BIOSEARCH ITALIA S.P.A.	2,330,543	BP CHEMICALS LIMITED	2,333,587
BATRA, UDIT	2,332,876	BIOSEARCH ITALIA S.P.A.	2,332,526	BRAACH-MAKSVYTIS,	
BATTAGLIA, JOSEPH M.	2,332,975	BIOTICA TECHNOLOGY		VIJOLETA	2,333,539
BATTELLE MEMORIAL		LIMITED	2,331,764	BRADY WORLDWIDE, INC.	2,332,936
INSTITUTE	2,333,356	BIOTICA TECHNOLOGY		BRAL, SERGE ALAIN	2,332,377
BATTELLE MEMORIAL		LIMITED	2,332,491	BRANDBREW S.A.	2,332,291
INSTITUTE	2,333,371	BIOTRONICS S.A.	2,333,430	BRANDBREW S.A.	2,332,295
BAUERLEIN, MICHAEL	2,333,383	BIOVAIL TECHNOLOGIES LTD.	2,332,624	BRANDHOLZ, BRENT A.	2,332,936
BAUGHN, MARIAH R.	2,330,546	BIRCHAK, JAMES R.	2,332,875	BRANHAM, KELLY D.	2,333,568
BAUM, RICHARD P.	2,333,221	BISHOP, CHARLES W.	2,333,270	BRANNON, KATHRYN, L.	2,332,621
BAUMANN, ERNST	2,333,234	BJORKLUND, JAN-PETER	2,333,314	BRAUN, HEINRICH	2,332,995
BAUMGARTNER, ANGELA	2,333,198	BLIGH, ROGER P.	2,333,705	BRAUSE, TOM	2,333,367
BAXTER INTERNATIONAL INC.	2,333,607	BLOCH, RICARDO ALFREDO	2,333,562	BRAY, LANE A.	2,333,356
BAYER		BLOCK, ROLF	2,333,520	BREGMAN, VITALY	2,333,011
AKTIENGESELLSCHAFT	2,332,122	BLOK, LANA M.	2,332,890	BREIVIK, TURID	2,332,832
BAYER		BLOKSBERG, LEONARD		BRENNAN, LYNN A.	2,331,853
AKTIENGESELLSCHAFT	2,333,068	NATHAN	2,331,338	BREWER, LAURIE A.	2,332,109
BAYER ANTWERPEN N.V.	2,332,599	BLUMENTHAL, MELVIN S.	2,332,608	BRIAN, LIEL	2,333,036
BEAURLINE, CARL M.	2,333,149	BOECKER, ROBERT JOSEPH	2,332,933	BRICAUD, HERVE	2,333,164
BECHTEL, JON H.	2,333,596	BOEHRINGER INGELHEIM		BRIGGS, MICHAEL L.	2,333,287
BECK, VICTORIA	2,333,657	PHARMA KG	2,332,497	BRIJOUX, WERNER	2,332,597
BEHLER, ANSGAR	2,333,163	BOEHRINGER INGELHEIM		BRINKMANN, RAINER	2,332,597
BEIJING NEW CENTURY DE'EN		PHARMACEUTICALS, INC.	2,332,957	BRISCOE, ROBERT JOHN	2,333,361
S&T DEVELOPMENT CO.,		BOEHRINGER INGELHEIM		BRISCOE, ROBERT JOHN	2,333,362
LTD.	2,332,967	VETMEDICA GMBH	2,330,241	BRISTOL-MYERS SQUIBB	
BEKKERS, JOOST J. J.	2,332,981	BOFFA, ALEXANDER		COMPANY	2,332,608
BELL, ANDREW CHARLES	2,333,168	BOWMAN	2,333,562	BRITISH	
BENDER, JIM	2,332,424	BOGAERT, THIERRY ANDRE		TELECOMMUNICATIONS	
BENEDIKTSSON, CATHARINA	2,332,110	OLIVER EDDY	2,332,993	PUBLIC LIMITED	
BENGS, HOLGER	2,333,383	BOHANNAN, RICHARD	2,332,434	COMPANY	2,333,168
BENNIE, BRENDA FRANCES	2,333,388	BOIVIN, MICHEL	2,333,393	BRITISH	
BENNIE, BRENDA FRANCES	2,333,468	BOLES, T. CHRISTIAN	2,331,767	TELECOMMUNICATIONS	
BENSON, VICTOR	2,333,454	BOLINAS, ANDRES A.	2,333,268	PUBLIC LIMITED	
BENZING, JAMES ALFRED II	2,333,200	BONASIA, GAETANO	2,332,858	COMPANY	2,333,361

## Index des demandes PCT entrant en phase nationale

BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	2,333,362	CAM, QUOC-LAM	2,333,320	CHAU, TOMMY L.	2,332,624
BROADFIELD, LAIRD	2,333,120	CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED	2,329,302	CHAUDRY, IMTIAZ A.	2,333,528
BROCKMAN, FRED J.	2,333,371	CAMP KAZOO, LTD.	2,332,883	CHEM LINK, INC.	2,333,327
BRODEUR, CRAIG	2,332,834	CAMPAGNA, SILVIO	2,333,551	CHEMATUR ENGINEERING AB	2,333,133
BROJANAC, SUSAN	2,333,598	CAMPBELL, LOUIS A.	2,333,409	CHEN, BINHUA	2,333,205
BROSSEAU, ERIC	2,333,393	CAMPBELL, LOUIS A.	2,333,410	CHEN, JEN-CHI	2,333,107
BROUGH, DOUGLAS E.	2,332,181	CAMPBELL, LOUIS A.	2,333,411	CHEN, JYEHONG	2,332,626
BROUSSARD, JERRY A.	2,333,097	CAMPBELL, MICHAEL G.	2,332,985	CHEN, LIANG	2,332,621
BROWN, ARTHUR	2,332,648	CAMPBELL, MICHAEL G.	2,332,989	CHENEY, MICHAEL CHARLES	2,333,645
BROWN, DANIEL CHARLES WILLIAM	2,331,842	CAMPBELL, MICHAEL G.	2,332,999	CHENG, GIN-FUNG	2,333,575
BROWN, JOHN ROBERT	2,333,533	CANDIANI, GIANPAOLO	2,332,526	CHERUKURI, SUBRAMAN R.	2,332,624
BRUCKNER-LEA, CYNTHIA J.	2,333,371	CANNON, PETER RICHARD ANDREW	2,333,232	CHESNUT, ROBERT W.	2,331,846
BRUHN, CHRISTOPH	2,333,131	CAPPELLANO, CARMELA	2,330,543	CHEVALLET, JACQUES	2,333,774
BRUNET, OLIVIER	2,333,431	CARDIAC PACEMAKERS, INC.	2,332,940	CHEVALLET, JACQUES	2,333,777
BRYANT, HENRY UHLMAN	2,333,453	CAREY, JANET ELIZABETH	2,332,487	CHEVALLET, JACQUES	2,333,786
BRYCKI, BOGDAN	2,333,116	CARINA, RICCARDO	2,333,649	CHEVRON CHEMICAL COMPANY LLC	2,333,210
BRYLAND, RICKARD	2,332,110	CARL BAASEL LASERTECHNIK GMBH	2,333,617	CHIANG, CHIA-MING	2,332,112
BUCHACHER, ANDREA	2,333,316	CARMINE, ARMAND	2,333,257	CHIBA, MAKOTO	2,333,605
BUCKLEY, GEORGE	2,333,629	CARONIA, JAMES R.	2,333,073	CHOVAN, LINDA E.	2,333,598
BUCKLEY, JAMIE	2,333,150	CARRA, ROLAND	2,333,640	CHOW, ANDREA W.	2,332,919
BUEHRIG, LAVONNA SUZANNE	2,332,984	CARRINO, JOHN L.	2,332,518	CHOWERS, MICHAL Y.	2,331,834
BULL, DOUGLAS J.	2,332,864	CARSON PRODUCTS COMPANY	2,333,506	CHOWERS, YEHUDA	2,331,834
BULL, SALLY J.	2,333,292	CARTER, KENNETH C.	2,332,109	CHOY, CLEMENT K.	2,332,991
BULLDOG TECHNOLOGIES U.S.A., INC.	2,332,299	CASES, SYLVAIN	2,330,549	CHRAI, SUGGY S.	2,333,107
BURATTIN, PAOLO	2,333,183	CASIO COMPUTER CO., LTD.	2,332,827	CHRIST, DENNIS L.	2,333,129
BURATTIN, PAOLO	2,333,186	CASSESE	2,333,180	CHRISTENSEN, LARS	2,332,882
BURDETTE MEDICAL SYSTEMS, INC.	2,333,583	CASSESE, ALAIN	2,333,180	CHRISTINAZ, CATHERINE	2,332,869
BURDETTE, EVERETTE C.	2,333,583	CASTRO, ARTEMIO	2,333,610	CHRISTOPHE, THEOPHILE	2,333,569
BURKE, CARL J.	2,333,505	CATE, RICHARD	2,330,939	CHU, JANA W.	2,332,991
BURKE, JOHN M.	2,333,330	CATERPILLAR INC.	2,333,236	CHUGAI PHARMACEUTICAL CO., LTD.	2,331,412
BURLING, PAUL MAURICE	2,333,208	CAUNCE, A. STUART	2,333,553	CHUGAI SEIYAKU KABUSHIKI KAISHA	2,332,128
BURLINGAME, RICHARD P.	2,331,198	CAVALCANTI DE MARIA, FERNANDO	2,332,863	CHUGAI SEIYAKU KABUSHIKI KAISHA	2,333,966
BURNETT, MICHAEL BRIAN	2,332,986	CAVALERI, MARCO	2,332,526	CIB A SPECIALTY CHEMICALS HOLDING INC.	2,332,526
BURON, CHRISTOPHE	2,333,186	CEA TECHNOLOGIES PTY LIMITED	2,333,614	CIB A SPECIALTY CHEMICALS HOLDING INC.	2,333,273
BURR, JOHN D.	2,332,853	CEGIEL, DIRK	2,332,903	CIB A SPECIALTY CHEMICALS HOLDING INC.	2,333,286
BURROUGHS, TREVOR	2,333,266	CELANESE INTERNATIONAL CORPORATION	2,332,988	CIB A SPECIALTY CHEMICALS HOLDING INC.	2,333,324
BUSH, GREGORY E.	2,332,937	CELANESE INTERNATIONAL CORPORATION	2,333,097	CIB A SPECIALTY CHEMICALS HOLDING INC.	2,333,365
BUSSLER, WILLIAM L.	2,332,838	CELANESE INTERNATIONAL CORPORATION	2,333,376	CIENA CORPORATION	2,333,057
BUSSOLATI, GIANNI	2,331,762	CELGENE CORPORATION	2,333,089	CIMA LABS INC.	2,333,375
BUTCHER, KATE ELIZABETH	2,332,490	CELLIK, PETER	2,333,564	CIRCUIT COMPONENTS INCORPORATED	2,333,403
BUTCHER, KATE ELIZABETH	2,332,500	CENES LIMITED	2,332,974	CITRIX SYSTEMS, INC.	2,333,279
BUTH, CARL E.	2,333,705	CENTAUR PHARMACEUTICALS, INC.	2,332,398	CLARKE, MICHAEL THOMAS	2,331,388
BUTLER, DAVID	2,332,878	CENTAUR PHARMACEUTICALS, INC.	2,333,190	CLARKE, JOANNA MARGARET	2,333,610
BYE, RICHARD L., JR.	2,333,287	CENTRAL RESEARCH LABORATORIES LIMITED	2,332,860	CLAWSON, GARY A.	2,331,782
BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH	2,332,928	CHA, SUNG W.	2,333,114	CLAXTON, DANIEL D.	2,333,003
BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH	2,332,932	CHAIKEN, JOSEPH	2,333,565	CLEE-BOUVET, MARIE-CHRISTINE	2,333,188
BY-PASS, INC.	2,333,010	CHAMPLUVIER, BENOIT	2,333,167	CLERC, JEAN-FREDERIC	2,332,581
CABIRI, OZ	2,332,834	CHANDLER, DARRELL P.	2,333,371	COAN, FRED	2,333,523
CAI, BO	2,332,626	CHANDRASEKARAN, KRISH	2,331,918	COASTAL CATALYST TECHNOLOGY, INC.	2,333,284
CALABRO, JOSEPH M.	2,333,120	CHANG, KOK WAI	2,332,614	COCKRELL, ERIC	2,333,150
CALGENE LLC	2,331,329	CHANG, LU	2,333,293	COFER, ALFRED	2,333,530
CALGENE LLC	2,332,700	CHANG, LUNG-JI	2,333,481	COGNIS DEUTSCHLAND GMBH	2,333,163
CALICO BRANDS, INC.	2,332,971	CHAPMAN, TIMOTHY W.	2,333,650	COHEN, MOSHE	2,332,582
CALICO BRANDS, INC.	2,332,994	CHARMES, MICHEL	2,333,429	COLGATE-PALMOLIVE COMPANY	2,333,455
CALIFORNIA INSTITUTE OF TECHNOLOGY	2,333,201	CHARYCH, DEBORAH H.	2,330,937	COLGATE-PALMOLIVE COMPANY	2,333,611
CALIPER TECHNOLOGIES CORP.	2,332,919	CHASTAIN, STUART R.	2,332,940		
CALLISTER, STEVEN N.	2,332,570	CHAU, ALBERT W.	2,333,370		

## Index of PCT Applications Entering the National Phase

COLGATE-PALMOLIVE COMPANY	2,333,935	CROWN CORK & SEAL TECHNOLOGIES CORPORATION	2,333,575	DENNIS, JOHN R.	2,332,875
COLLIER, DAVID C.	2,332,548	CRUDELE, JOANNE	2,332,300	DENNY, DAVID S.	2,332,306
COLLINS, LAURIE E.	2,332,933	CRYOVAC, INC.	2,332,145	DENTZER, RALF	2,332,938
COLLINSWORTH, STEPHEN MITCHELL	2,333,132	CRYPTOGRAPHY RESEARCH, INC.	2,333,095	DEORNELLAS, STEPHEN P.	2,333,530
COLOR ACCESS, INC.	2,332,633	CUBERES-ALTISENT, MARIA ROSA	2,333,475	DEROWE, ARI	2,333,010
COLVIN, DAVID S.	2,332,962	CUMMINGS, CLARK J.	2,332,844	DERUITER, PHILLIP	2,333,711
COMBICHEM, INC.	2,332,360	CUMMINGS, RICHARD D.	2,332,563	DESAI, NITIN VITHALBHAI	2,333,107
COMEDICUS INCORPORATED	2,333,149	CURRO, JOHN JOSEPH	2,333,214	DESAI, NITIN VITHALBHAI	2,333,130
COMMISSARIAT A L'ENERGIE ATOMIQUE	2,332,581	CUSHMAN, MICHAEL ROY	2,333,974	DESCAMPS, GERARD	2,333,778
COMMISSARIAT A L'ENERGIE ATOMIQUE	2,333,776	CYGNUS, INC.	2,332,112	DESJARLAIS, RENEE LOUISE	2,332,531
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2,333,539	CYTEC TECHNOLOGY CORP.	2,333,206	DESMONS, PIERRE	2,333,167
COMMONWEALTH SCIENTIFIC CORPORATION	2,333,296	CYTERA, INC.	2,333,377	DEVGEN N.V.	2,332,993
COMPAQ COMPUTER AUSTRALIA PTY LTD	2,333,614	CYWIN, CHARLES L.	2,332,957	DI CRISCO, NICOLA	2,332,869
CONCORD CAMERA CORP.	2,333,081	DAENEKINDT, LUCIEN	2,332,646	DIAB, MOHAMED K.	2,333,062
CONFALONE, PASQUALE N.	2,333,551	DAIICHI PHARMACEUTICAL CO., LTD.	2,333,321	DIACHINA, JOHN	2,333,014
CONFALONE, PASQUALE N.	2,333,647	DALHOUSIE UNIVERSITY	2,333,310	DIBELKA, ALBERT W.	2,333,120
CONIGLIO, ANTHONY A.	2,332,608	DALLAS SMITH CORPORATION	2,333,364	DIERKS, PETER M.	2,331,853
CONNOR, JEROME	2,332,986	DALLAS, MILTON R., JR.	2,333,202	DIETRICH, KEVIN	2,333,451
CONOCO INC.	2,332,861	DALTON, DAVID RICHARD	2,333,533	DIGITAL HARMONY TECHNOLOGIES, INC.	2,332,902
CONRAD, WILLIAM	2,333,120	DAMBACH-WERKE GMBH	2,333,500	DIJK, GERRIT JAN	2,333,246
CONSTRUCTION SPECIALTIES, INC.	2,332,838	DAMHA, MASSAD JOSE	2,331,333	DIJKSTRA, KRIJN	2,333,462
CONTIJOCH-LLOBET, MARIA MONTSERRAT	2,333,475	DANILIN, VALERY	2,333,197	DILLON, SUSAN B.	2,332,402
COOK INCORPORATED	2,333,591	DANON, HAIM	2,332,834	DININNO, FRANK P.	2,333,023
COOK, STEVEN W.	2,332,937	DANSTAR FERMENT A.G.	2,333,027	DININNO, FRANK P.	2,333,620
COOPER, NEAL S.	2,332,926	DARWIN DISCOVERY LIMITED	2,333,629	DININNO, FRANK P.	2,333,621
COPCUTT, ROBERT CHARLES	2,333,223	DAULASIM, KHAMPHUC	2,333,257	DININNO, FRANK P.	2,333,658
COPELAND, RICHARD L.	2,333,278	DAUS, PAUL A.	2,333,523	DIXON, MERRITT W., III	2,332,364
CORAZZA, YVON	2,333,167	DAVENPORT, DONALD	2,333,367	DOB, JANET	2,333,525
CORIXA CORPORATION	2,331,845	DAVIDSON, CHAIM	2,333,299	DOBIE, MICHAEL J.	2,332,926
CORLEY, NEIL C.	2,330,546	DAVIDSON, HOWARD L.	2,333,421	DOBKOWSKI, BRIAN JOHN	2,333,645
CORNELL RESEARCH FOUNDATION, INC.	2,332,130	DAVIDSSON, THOMAS	2,333,569	DOBRIN, GEORGE CHRISTOPHER	2,333,214
CORNELLI, LIVIO MARIA	2,333,319	DAVIES, JOHN HUGH EVANS	2,333,589	DOLAN, JOE	2,331,782
CORNISH, ANDREW	2,332,873	DAVIS, BENJAMIN G.	2,331,783	DOLLINGER, MARKUS	2,333,068
CORPUZ, ROQUE, M., JR.	2,333,710	DAVIS, BRIAN	2,333,977	DOLSEY, RUSSELL L.	2,333,568
CORTES, JESUS	2,331,764	DAVIS, JAMES	2,333,150	DONADIO, STEFANO	2,330,543
CORZANI, ITALO	2,332,913	DAY, PAUL REUBEN	2,333,372	DOPF, GEORG	2,332,938
CORZANI, ITALO	2,332,917	DE ANGELIS, FRANCESCO	2,333,572	DORAN, FREDERICK	2,332,956
CORZANI, ITALO	2,332,980	DE GRAAF, THALIE PAULINA	2,332,490	DOROW, ROBERTA L.	2,333,551
CORZANI, ITALO	2,332,982	DE GRAAF, THALIE PAULINA	2,332,500	DORRICOTT, JONATHAN	2,332,933
COURT, THIERRY	2,333,774	DE GROOT, ELEANOR MEYER	2,332,923	DOUGHERTY, CARL J.	2,332,926
COURT, THIERRY	2,333,777	DE LA RUE INTERNATIONAL LIMITED	2,333,398	DOUGHERTY, JOHN JAMES	2,333,105
COURT, THIERRY	2,333,786	DE LA RUE INTERNATIONAL LIMITED	2,333,417	DOUGHERTY, THOMAS J.	2,331,763
COURTNEY, KEVIN	2,333,397	DE TULLIO, ROBERT	2,333,075	DOUGHTY, GREGORY	2,333,223
COUSIN, GERARD	2,333,188	DE'ATH, JAMES	2,332,604	DOUGLAS, TERRY R.	2,333,390
COVENTRY UNIVERSITY	2,332,602	DECICCO, CARL P.	2,333,554	DOURIET, DANIEL F.	2,333,403
COWAN, ROBERT LEE II	2,333,072	DECKNER, GEORGE ENDEL	2,332,948	DOWNING, DANIEL RAY	2,333,200
COWSAR, DONALD R.	2,333,506	DECRISTOFARO, NICHOLAS	2,333,287	DRAPER TOOLS LIMITED	2,333,502
CRATTY, WILLIAM E.	2,332,840	DEDAR LIMITED	2,333,599	DRESSER INDUSTRIES, INC.	2,332,429
CRAWFORD, JAMES M., JR.	2,333,446	DEKEYSER, JACKY CHARLES	2,333,223	DRESSER INDUSTRIES, INC.	2,333,238
CREATOR LTD.	2,332,582	DELAGRAVE S.A.	2,333,422	DRESSER-RAND COMPANY	2,332,303
CREE, INC.	2,333,579	DELANIAN, SYLVIE	2,333,776	DREWES, MARK WILHELM	2,333,068
CREELY, ALBERT L. III	2,333,268	DELEAGE, GILBERT	2,332,115	DRIEU, KATY	2,331,918
CREGG, JAMES M.	2,331,765	DELROISSE, MICHEL	2,333,649	DRIVER TECHNOLOGY LIMITED	2,332,872
CRONOS INTEGRATED MICROSYSTEMS, INC.	2,332,835	DELSYS PHARMACEUTICAL CORPORATION	2,333,107	DRIVER, ANN MARGARET	2,332,872
		DELSYS PHARMACEUTICAL CORPORATION	2,333,116	DRIVER, RONALD WILLIAM	2,332,872
		DELSYS PHARMACEUTICAL CORPORATION	2,333,130	DRZAIC, PAUL	2,333,358
		DEMMELE, EDWARD J.	2,332,299	DS2 TECH, INC.	2,333,233
		DEMUTH, HANS-ULRICH	2,333,603	DSM N.V.	2,331,924
		DENNIS, FRANCES G.	2,333,557	DSM N.V.	2,333,462
				DUEKER, TODD A.	2,333,576
				DUESMAN, KATHRYN	2,332,918
				DUGDALE, DANIEL J.	2,333,543
				DUMONT, PIERRE	2,333,052
				DUNKLEY, MICHAEL JOHN	2,333,774
				DUNKLEY, MICHAEL JOHN	2,333,777
				DUNKLEY, MICHAEL JOHN	2,333,786

## Index des demandes PCT entrant en phase nationale

DUPONT PHARMACEUTICALS COMPANY	2,333,550	EMORY UNIVERSITY	2,332,897	FEIBUSH, BINYAMIN	2,331,330
DUPONT PHARMACEUTICALS COMPANY	2,333,551	ENCELLE, INC.	2,332,701	FEIKUS, FRANZ JOSEF	2,332,944
DUPONT PHARMACEUTICALS COMPANY	2,333,554	ENDRESS, GREGORY A.	2,332,109	FENN, DAVID ROBERT	2,333,636
DUPONT PHARMACEUTICALS COMPANY	2,333,633	ENERGY CONVERSION DEVICES, INC.	2,332,867	FERBER, RALF-GUNTER	2,333,069
DUPONT PHARMACEUTICALS COMPANY	2,333,647	ENERTEC KOREA CO., LTD.	2,332,423	FERNANDEZ DE ARRIBA, ALBERTO	2,332,863
DUURSMA, MARTIN	2,333,279	ENGEL, STEFAN	2,333,234	FIDALGO, JEAN CHRISTOPHE	2,333,431
DVC, INC. DOING BUSINESS AS BIO-TECHNICAL RESOURCES	2,331,198	ENGLANDER, HEINRICH	2,332,777	FIDALGO, JEAN-CHRISTOPHE	2,333,790
DYKE, HAZEL JOAN	2,333,629	ENGLISH, CHARLES L., JR.	2,332,887	FIDLER, JOHN KELVIN	2,333,075
DYKER, HUBERT	2,332,122	ENLOW, HOWARD H.	2,333,074	FIEMS, JEAN-PIERRE	2,333,625
DYKSTRA, KEVIN D.	2,333,620	ENSCORE, DAVID J.	2,332,978	FIKES, JOHN D.	2,331,846
DYKSTRA, KEVIN D.	2,333,621	EPCOS AG	2,332,891	FILIPPOV, VLADIMIR	2,333,011
DYKSTRA, KEVIN D.	2,333,658	EPIMMUNE INC.	2,331,846	FILIPPOV, VLADIMIR	2,333,269
E INK CORPORATION	2,333,358	EPSTEIN, GORDON HOWARD	2,333,607	FILOSETA, MIVA	2,333,000
E. PIPHANY, INC.	2,333,584	ERASMUS UNIVERSITEIT ROTTERDAM	2,332,370	FILSON, JAMES L.	2,332,880
E.I. DU PONT DE NEMOURS AND COMPANY	2,333,470	ERDMAN, RICHARD A.	2,332,302	FILSON, JAMES L.	2,333,272
E.I. DU PONT DE NEMOURS AND COMPANY	2,333,472	ERICKSON, ROBERT A.	2,332,907	FINE, ILYA	2,332,921
EASTMAN CHEMICAL COMPANY	2,332,120	ERICKSON, SANDRA K.	2,330,549	FINEL, CHRISTOPHE MICHEL	2,332,300
EASTMAN CHEMICAL COMPANY	2,332,984	ERICSSON INC.	2,332,905	FINVETRO S.R.L.	2,332,590
EBERT, ANTON	2,333,218	ERICSSON INC.	2,332,939	FIRST USA BANK, N.A.	2,325,466
EBNER, REINHARD	2,332,109	ERICSSON INC.	2,333,176	FISCHER, DAVID PAUL	2,332,984
ECKEL, DAVID P.	2,332,858	ERICSSON INC.	2,333,216	FISCHER, HANS-RUDOLF	2,332,777
ECKEL, DAVID P.	2,332,859	ERIKSEN, JON AMUND	2,327,549	FITZWATER, DENNIS	2,333,676
ECKEL, DAVID P.	2,332,866	EROMA, OLLI-PEKKA	2,332,600	FLEISCHER, WOLFGANG	2,332,369
ECKEL, DAVID P.	2,332,871	ESMAILZADEH, RIAZ	2,333,098	FLEISCHER, WOLFGANG	2,332,371
EDMONDSON, BRIAN	2,333,651	ESPIE, ALAN WILLIAM	2,333,651	FLEISCHER, WOLFGANG	2,332,389
EDVARDSSON, OLOV	2,332,434	ESSER, MIKE	2,333,310	FLETCHER CHALLENGE FORESTS LIMITED	2,331,338
EDWARDS LIFESCIENCES CORPORATION	2,333,452	E-TEK DYNAMICS, INC.	2,332,614	FLEXSYS AMERICA L.P.	2,332,372
EDWARDS, TITUS M.	2,333,213	E-TEK DYNAMICS, INC.	2,332,626	FLINDERS UNIVERSITY OF SOUTH AUSTRALIA	2,333,614
EGLI, MARGARET A.	2,332,643	ETHEREDGE, ROBERT	2,332,834	FLITTER, WILLIAM D.	2,332,398
EGOROV, OLEG B.	2,333,356	EURAND INTERNATIONAL S.P.A.	2,333,319	FLITTER, WILLIAM D.	2,333,190
EGOROV, OLEG B.	2,333,371	EUROCELTIQUE S.A.	2,332,369	FLORENCE, KIMBERLY	2,332,109
EHRHART, MICHAEL A.	2,333,576	EUROCELTIQUE S.A.	2,332,371	FLOW INTERNATIONAL CORPORATION	2,333,136
EICHMAN, JONATHAN D.	2,333,375	EUROCELTIQUE S.A.	2,332,389	FMC CORPORATION	2,332,996
EIDSMORE, PAUL G.	2,332,550	EVANS, TIMOTHY D.	2,332,304	FMC CORPORATION	2,333,002
ELAN PHARMA INTERNATIONAL LIMITED	2,332,834	EVEREADY BATTERY COMPANY, INC.	2,333,533	FMC CORPORATION	2,333,612
ELANDS, PETRUS JOHANNES MARIA	2,333,211	EWIN, RICHARD ANDREW	2,332,974	FOCAL, INC.	2,332,978
ELBAZ, DIDIER	2,333,790	EXOGEN, INC.	2,332,935	FOK, KEVIN	2,333,079
ELDRIDGE, JOHN HAYWARD	2,333,578	EXXON RESEARCH AND ENGINEERING COMPANY	2,333,128	FOK, KEVIN	2,333,400
ELECTRONIC KEY SYSTEMS (E.K.S.) S.A.R.L.	2,333,140	EYMERY, FREDERIC	2,333,183	FOLKMAN, M. JUDAH	2,331,370
ELECTRONICS FOR IMAGING, INC.	2,333,461	EZQUERRA-CARRERA, JESUS	2,332,403	FONDIN, GILLES	2,333,425
ELI LILLY AND COMPANY	2,332,403	EZURA, YUICHI	2,333,642	FONTANA, CINZIA	2,332,305
ELI LILLY AND COMPANY	2,332,408	FABO, TOMAS	2,332,795	FONTENILLE, HELENE	2,333,424
ELI LILLY AND COMPANY	2,333,384	FABRIQUES DE TABAC RÉUNIES SA	2,333,625	FORKNER, JOHN F.	2,333,535
ELI LILLY AND COMPANY	2,333,453	FALKENSTEIN, WERNER	2,333,617	FORMON, JOHN S.	2,332,911
ELIO, PAUL A.	2,333,264	FAN, JIAN-QIANG	2,333,965	FORN DALMAU, JAVIER	2,332,863
ELLIS, DAVID JOHN	2,332,842	FANG, KEVIN Q.	2,333,004	FORNIX BIOSCIENCES N.V.	2,332,561
ELLIS, JOHN TIMOTHY	2,331,833	FARAJ, MAHMOUD K.	2,332,599	FORST, JON K.	2,325,466
ELNAGAR, HASSAN Y.	2,332,849	FARESE, ROBERT V., JR.	2,330,549	FOSECO INTERNATIONAL LIMITED	2,333,223
EMBLETON, GARRY KENNETH	2,333,610	FARNOW TECHNOLOGIES PTY LTD.	2,333,043	FOSTER, ELIZABETH	2,331,842
EMERGENCY MEDICAL SYSTEMS, INC.	2,333,510	FARNOW TECHNOLOGIES PTY LTD.	2,333,048	FOSTER, PETER THOMAS	2,332,291
EMERY, DAVE	2,333,711	FARRAR, JOE LANNES	2,332,120	FRANCIS, RAYMOND C.	2,332,304
E-MICRO CORPORATION	2,333,561	FASEL, NICOLAS JOSEPH	2,333,602	FRANSEN, TORBEN PETER	2,331,340
		FAUPEL, MARK L.	2,332,833	FRANK, GEORG	2,333,478
		FDHILA, REBEI B.	2,333,457	FRANK, GEORG	2,333,479
		FEARON, DOUGLAS THOMAS	2,329,302	FRANK, WILLIAM R.	2,332,933
		FECHTELER, KATJA	2,332,497	FRANSSON, MAGNUS	2,333,153
		FECKO, TIBOR	2,333,497	FRANSSON, PATRIC	2,333,275
		FEDERAL-MOGUL CORPORATION	2,332,896	FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,333,373
		FEDOSOV, YURY IGOREVICH	2,333,699	FRAY, DEREK JOHN	2,333,223
		FEENEY, ROBERT J.	2,333,120	FREEZE, JOHN MARK	2,333,176
		FEHLBAUM, PASCALE	2,332,961	FREUDENBERG, CARL	2,333,237
				FRIEBOLIN, LOTHAR	2,333,500

## Index of PCT Applications Entering the National Phase

FRIEDMAN, DORON I.	2,333,317	GEORGIA TECH RESEARCH CORPORATION	2,333,464	GRAFE, INGOMAR	2,333,274
FRIETZE, WILLIAM ERIC	2,333,633	GEORGIA-PACIFIC CORPORATION	2,332,911	GRAFF, OSCAR FREDRIK	2,333,357
FRIGOLA-CONSTANSA, JORDI	2,333,475	GERNGROSS, TILLMAN U.	2,333,005	GRANGER, MAURICE	2,333,423
FRITSCHI, ISIDOR	2,333,513	GERVAIS, FRANCINE	2,333,203	GRANGER, MAURICE	2,333,428
FRITZ, DANIEL J.	2,333,635	GESING, ERNST RUDOLF	2,333,068	GRANZOW, WOLFGANG	2,333,479
FRODIGH, CARL MAGNUS	2,332,289	GEVAS, PHILIP C.	2,332,774	GRATE, JAY W.	2,333,356
FROELICH, OLIVIER	2,332,869	GHOSH, SANTAU	2,332,598	GRATE, JAY W.	2,333,371
FROMAGERIES BEL	2,333,185	GIBBONS, CHARLES E.	2,333,638	GRAVE, BERND	2,333,370
FROMAGERIES BEL	2,333,424	GIBSON, WALTER THOMAS	2,332,300	GRAVESTOCK, MICHAEL BARRY	2,332,831
FRUGIER, ALAIN	2,333,774	GIJSMAN, PIETER	2,333,462	GRAVESTOCK, MICHAEL BARRY	2,333,332
FRUGIER, ALAIN	2,333,777	GILDEA, GREG G.	2,333,977	GRAY, CHARLES L., JR.	2,332,943
FRUGIER, ALAIN	2,333,786	GILES, DAVID	2,333,268	GREEN, IAN MACDONALD	2,332,860
FU, ANNE	2,333,201	GILL, ALAN	2,333,656	GREENING, MARK	2,333,075
FU, QIANG	2,332,864	GILLE, GERHARD	2,332,889	GREENLAND, STEVEN J.	2,333,276
FUCHS, GERHARD	2,332,951	GILLET, MARC	2,332,979	GREENWOOD, EDWARD	2,333,220
FUJI, MASAHIRO	2,332,528	GILLIAM, GERALD ROBERT	2,332,103	GREENWOOD-VAN MEERVELD, BEVERLY	2,333,190
FUJIMOTO, HISAYOSHI	2,333,158	GIMPEL, MATTHIAS	2,333,480	GREYFIELD CONSTRUCTION CO., LTD.	2,332,611
FUJITSU GENERAL LIMITED	2,333,622	GIP MEDIZINTECHNIK GMBH	2,332,647	GRIEGO, SANDRA D.	2,332,402
FUKUI, YOSHIKAZU	2,332,528	GIRARDOT, RICHARD MICHAEL	2,332,430	GRIES, BENNO	2,332,889
FUKUNAGA, ATSUSHI	2,333,399	GIRERD, JEAN-JACQUES	2,333,649	GRIFFIN, TIMOTHY A.	2,333,457
FUKUNAGA, TETSUYA	2,332,964	GIROD, ANNE	2,332,115	GRIMES, STEPHEN	2,332,774
FUKUSHI, MAKOTO	2,333,600	GIRON, JEAN-CHRISTOPHE	2,332,622	GRIMM, JAMES EVERETT	2,332,394
FULCHER, R. GARY	2,332,643	GIUSINO, FRANCESCO	2,330,543	GRIMSLAND, AAGE	2,333,354
FUNARO, ADA	2,331,762	GJERTSEN, MARIANNE KLEMP	2,327,549	GRINIUS, LEONAS LEONO	2,333,115
FURUKAWA, TAKUYA	2,333,419	GLAXO GROUP LIMITED	2,333,322	GROH, SUSANNE	2,332,643
FURUYA, KAZUO	2,333,601	GLENAYRE ELECTRONICS, INC.	2,333,165	GROS, HAKAN	2,332,600
FUWAUSA, MICHELLE JILLIAN	2,332,855	GLENAYRE ELECTRONICS, INC.	2,333,459	GROSS, JOSEPH	2,332,834
GABAI, JACOB	2,332,582	GLENN, MATTHEW	2,331,338	GROVES, JOEL	2,332,376
GABAI, OZ	2,332,582	GLENNE, RITA	2,332,832	GRUBER, GERHARD	2,333,316
GALDERMA RESEARCH & DEVELOPEMENT, S.N.C.	2,333,427	GLINN, MICHELE ANNETTE	2,333,453	GRUBER, JOSEPH MICHAEL	2,332,403
GALLEY, EDWARD	2,332,490	GLOWCZWSKI, DAVID MICHEAL	2,333,239	GRUNDLER, GERHARD	2,332,928
GALLEY, EDWARD	2,332,500	GLUND, KONRAD	2,333,603	GRUNDLER, GERHARD	2,332,932
GALLOCCCHIO, VANNI	2,332,590	GOBERTI, PAOLO	2,333,542	GRYDER, EDD D.	2,332,396
GALVIN, JOSEPH D.	2,333,977	GODBOLE, SANJAY P.	2,332,502	GSP CO. INC.	2,333,627
GANGI, FRANK J.	2,333,561	GOELZ, SUSAN	2,333,063	GTECH CORPORATION	2,333,576
GANT, THOMAS GEORGE	2,333,703	GOFF, EDWARD D.	2,333,566	GUAN, GEORGE	2,332,390
GAO, YUN	2,333,004	GOFFE, ADEELIA S.	2,333,331	GUAZZO, FRANK	2,333,528
GARCIA RAFANELL, JULIAN	2,332,863	GOFFE, RANDAL A.	2,333,331	GUDESEN, HANS GUDE	2,333,973
GARCIA, GLORIA S.	2,332,924	GOHAM, THOMAS D.	2,333,268	GUEGLER, KARL J.	2,330,546
GARCIA, PAUL G.	2,332,924	GOLDIN, BARRY, R.	2,333,556	GUERRET, OLIVIER	2,333,186
GARDNER, WALLACE R.	2,332,875	GOLDSCHMIDT CHEMICAL COMPANY	2,333,261	GUHL, DIETER	2,333,056
GARLAND, WILLIAM A.	2,332,398	GOLDSTEIN, YURI	2,332,941	GUICHARD, HUGUES	2,333,139
GARLAND, WILLIAM A.	2,333,190	GOMI, SHINYA	2,331,761	GUIDANT CORPORATION	2,333,567
GARRISON, MICHAEL D.	2,332,112	GOODAN KATOOT, KAREN ROBBYN (ADMINISTRATOR OF THE ESTATE)	2,333,228	GUIDANT CORPORATION	2,333,594
GAUDERNACK, GUSTAV	2,327,549	GOODWIN, BRYAN JAMES	2,333,016	GUILLOT, CYRILLE	2,333,425
GAULIER, JEAN-PAUL	2,333,185	GOODWIN, GEORGE B.	2,333,450	GUISE, ANNE-EMMANUELLE	2,333,427
GEIFMAN, ARTURO	2,333,134	GOODWIN, SHAUN	2,333,616	GUNDERSEN LUTHERAN MEDICAL FOUNDATION, INC.	2,332,570
GEMPLUS	2,333,790	GOOVAERTS, LUCAS	2,333,045	GUNZE LIMITED	2,333,379
GEMPLUS S.C.A.	2,333,431	GOPINATHAN, GOVINDAN	2,332,892	GUO, ZHI	2,333,263
GENDROT, EDOUARD	2,333,188	GORBACH, SHERWOOD L.	2,333,556	GUPTA, ANIL	2,332,296
GENELABS TECHNOLOGIES, INC.	2,332,767	GORGONE, GINA	2,330,546	GUPTA, ANIL	2,332,298
GENENCOR INTERNATIONAL, INC.	2,331,783	GORNITZKA, HEINZ	2,333,186	GUPTA, RAM B.	2,333,273
GENERAL ELECTRIC COMPANY	2,332,394	GOSSNITZER, ANDREAS	2,333,415	GUPTA, RAM B.	2,333,286
GENERAL ELECTRIC COMPANY	2,333,072	GOTHE, MARLO R.	2,333,459	GUPTA, RAM B.	2,333,324
GENERAL ELECTRIC COMPANY	2,333,105	GOTO, SHINICHI	2,333,359	GURWITH, MARC J.	2,332,767
GENESIS RESEARCH & DEVELOPMENT CORPORATION LIMITED	2,331,338	GOTO, TAKESHI	2,332,649	GUSTAFSSON, BO	2,333,090
GENESPAN CORPORATION	2,333,331	GOTOU, TOMOKAZU	2,332,946	GVOZDEV, IGOR EVGENIEVICH	2,332,106
GENETRONICS, INC.	2,333,394	GOTWALS, PHILIP	2,330,939	GYROS AB	2,333,618
GENETTI, RALPH ALBERT	2,332,372	GOUGEON, FRANCIS	2,333,576	H.C. STARCK GMBH & CO. KG	2,332,889
GENTEX CORPORATION	2,333,596	GRABEK, JAMES R.	2,333,149	HAACKE, GOTTFRIED	2,333,273
GENVEC, INC.	2,332,181			HAARDT, HANS-JURGEN	2,333,587
GEORGEAU, PHILLIP C.	2,333,327			HACH COMPANY	2,332,378
				HACKER, DAVID	2,333,071

## Index des demandes PCT entrant en phase nationale

HAFNER, HANS WILHELM	2,333,560	HEGELE-HARTUNG, CHRISTA	2,333,320	HOLM, MICHAEL M.	2,333,012
HAGE, RONALD	2,333,649	HEIKKILA, HEIKKI	2,332,600	HOLMES, RICHARD ELMER	2,332,403
HAGEMAN, ROBERT JOHAN		HEINKE, NILS ALBERTO	2,333,132	HOLMRING, ANDERS THOMAS	2,332,905
JOSEPH	2,332,127	HEINRICHS, DAVID E.	2,330,544	HOLTMAN, ELI J.	2,333,268
HAGSLATT, HAKAN	2,332,110	HEISS, HERBERT	2,333,476	HOLTOM, STEPHEN WAYNE	2,333,043
HAJDUKIEWICZ, PETER	2,332,700	HEISS, HERBERT	2,333,595	HOLTOM, STEPHEN WAYNE	2,333,048
HAKANSSON, STEFAN	2,333,563	HELIX RESEARCH INSTITUTE	2,330,548	HOLUB, RICHARD A.	2,332,849
HALBERT, STACIE MARIE	2,332,492	HELMUT HUND GMBH	2,333,226	HOLY, NORMAN L.	2,333,138
HALEVY, GILAD	2,333,036	HEMMERSBACH, HANS-PETER	2,333,587	HOMMA, KIYOSHI	2,333,151
HALFORD, WAYNE	2,333,000	HENDRIKSEN, HANNE VANG	2,331,340	HONKALAMPI, PETTER	2,333,280
HALL, RANDY K.	2,332,853	HENKEL CORPORATION	2,332,620	HONTZ, JOHN	2,333,375
HALL, ROBERT G., JR.	2,325,466	HENKEL		HOPPER, THOMAS J.	2,333,079
HALL, THOMAS E.	2,333,268	KOMMANDITGESELLSCH		HOPPER, THOMAS J.	2,333,400
HALLEK, MICHAEL	2,332,115	AFT AUF AKTIEN	2,333,544	HOPPS, MICHAEL WILLIAM	2,333,502
HALLIBURTON ENERGY		HENKEL		HORIBE, IKUO	2,333,151
SERVICES, INC.	2,332,875	KOMMANDITGESELLSCH		HORII, AKIHIRO	2,333,173
HAMANAKA, SHOJI	2,332,699	AFT AUF AKTIEN	2,333,634	HOROWITZ, DANIEL	2,333,005
HAMDOUCHI, CHAFIQ		HENKEL TEROSON GMBH	2,333,056	HOSPAL INDUSTRIE	2,333,774
HAMDOUCHI	2,332,403	HENNESSEY, MICHAEL	2,333,093	HOSPAL INDUSTRIE	2,333,777
HAMEL, GENEVIEVE	2,333,393	HENRY, MARKUS	2,332,777	HOSPAL INDUSTRIE	2,333,786
HAMLET, D. MARK	2,333,328	HER MAJESTY THE QUEEN IN		HOUGHTON, RAYMOND L.	2,331,845
HAMMAR, CLAES	2,333,563	RIGHT OF CANADA,		HOWARD, LAWRENCE V.	2,333,598
HAMMARQVIST, PETER	2,332,879	REPRESENTED BY THE		HOWSE, PHILIP EDWIN	2,332,930
HAMMER, LAWRENCE		MINISTER OF	2,331,842	HOY, KENNETH LOOK	2,332,103
HARRISON	2,333,107	HERCULIFT TECHNOLOGIES,		HSU, TSUI-LING	2,333,265
HAMMOND, MILTON L.	2,333,620	INC.	2,332,887	HUANG, CANCAN	2,331,782
HAMMOND, PHILIP W.	2,331,767	HERMAN, STEPHEN J.	2,332,978	HUANG, JIAN-CHENG	2,333,293
HAND ROLLE, INC.	2,333,608	HERMANSON, GARY G.	2,331,846	HUANG, JIAN-PING	2,333,557
HANDLEY, LYNN A.	2,333,268	HERMES, KARL	2,333,593	HUANG, YONG	2,332,614
HANSON, DALE	2,333,367	HERRMANN, EDGAR	2,333,131	HUDSON RESPIRATORY CARE	
HANSSLER, GERD	2,333,068	HERRON, NORMAN	2,332,861	INC.	2,333,676
HANSSON, VIDAR	2,333,159	HETT, ROBERT	2,333,004	HUDSPITH, SYDNEY	2,332,865
HARADA, MIHO	2,333,580	HETTIARACHCHI, SAMSON	2,333,072	HUFFSTETLER, CHARLES	
HARDER, ACHIM	2,332,122	HFM INTERNATIONAL, INC.	2,333,706	TERRY	2,333,102
HARGRAVE, KARL	2,332,957	HIBST, RAIMUND	2,333,617	HUIJBREGTS, WALTERUS	
HARMALKER, SUBHASH	2,333,455	HIESTAND, PETER	2,333,315	MARINUS MARIA	2,332,934
HARMERSKI, MICHAEL D.	2,333,077	HIGGINS, RAYMOND J.	2,332,876	HUMAN GENOME SCIENCES,	
HART, MARY KATHERINE	2,332,494	HIGH, JARALD E.	2,332,926	INC.	2,332,109
HARTAL, DOV	2,333,134	HILL, CHARLES CHRISTOPHER	2,332,296	HUND, RENE	2,333,508
HARVARD CORPORATION	2,332,396	HILL, CHARLES CHRISTOPHER	2,333,220	HUNT, CLIVE WILFRED	2,333,300
HATA, KIMIYO	2,333,037	HILL, EDWARD A.	2,332,835	HUNT, JEFFREY C.	2,333,598
HATA, KIMIYO	2,333,277	HILLAR, PETER CHRISTOPHER		HURON TECH CORP.	2,333,413
HATA, KIMIYO	2,333,312	MICHAEL	2,332,611	HUSSEY, ROBERT M.	2,333,576
HATTORI, JIRO	2,331,842	HIRABARA, TAKEHIKO	2,333,151	HUZYAK, PAUL C.	2,333,638
HAUGHAN, ALAN FINDLAY	2,333,629	HIRABAYASHI, KAZUKO	2,333,162	HYLTON, TODD L.	2,333,296
HAUGHTON, GLENN WALLACE	2,332,611	HIRAMATSU, KATSUHIKO	2,332,960	HYRCYNIAN HOLDINGS	
HAUGHTON, KEITH LOUIS	2,332,611	HIROYUKI, KUBO	2,332,699	LIMITED	2,333,266
HAUNBERGER, THOMAS	2,332,630	HIRSCHENBERGER, STEFAN	2,332,938	I2 TECHNOLOGIES, INC.	2,333,446
HAVUKKALA, ILKKA JAAKKO	2,331,338	HIRST, PAUL A.	2,332,431	I2 TECHNOLOGIES, INC.	2,333,536
HAWKINS, DEBORAH	2,331,329	HISAMITSU		I2 TECHNOLOGIES, INC.	2,333,972
HAWKINS, JEFFREY C.	2,333,033	PHARMACEUTICAL CO.,		IAKHNINE, VLADIMIR	
HAWKINS, JEFFREY C.	2,333,055	INC.	2,332,649	ZORIEVICH	2,333,549
HAWORTH, INC.	2,333,710	HISAMITSU		IBERER, GUNTHER	2,333,316
HAWORTH, INC.	2,333,711	PHARMACEUTICAL CO.,		ICAGEN INCORPORATED	2,331,829
HAY, BRUCE ALLAN	2,331,388	INC.	2,332,699	ICHII, YASUO	2,332,953
HAYASHI, HIDEKI	2,333,179	HISHINUMA, ITARU	2,332,953	ICN PHARMACEUTICALS, INC.	2,333,380
HAYASHI, RYOJI	2,332,375	HITZENBERGER, CHRISTOPH	2,333,198	IDEMITSU KOSAN CO., LTD.	2,332,964
HAYASHI, RYOJI	2,332,427	HODGE, CLYDE W.	2,332,488	IGUCHI, HIROKAZU	2,333,653
HAYASHI, SHIGETSUGU	2,333,419	HOEL, BRIAN	2,331,782	IKEMOTO, TAKESHI	2,333,701
HAYES, TREVOR	2,332,998	HOERMMANN, MARY ANN	2,332,957	IMAGESTATISTICS, INC.	2,333,547
HE, XIAOHUA	2,333,554	HOFMANN, GUNTER A.	2,333,394	IMAMURA, KOUII	2,332,881
HEAD, WILLIAM JAMES	2,333,200	HOGUE, AARON G.	2,333,700	IMAMURA, NORIHIRO	2,333,158
HEALTH RESEARCH, INC.	2,331,763	HOHENBERG, EDWARD G.	2,333,538	IMAZEKI, TOSHIO	2,332,953
HEBEISEN, STEPHEN P.	2,332,866	HOLLAND, AKSEL SIGMUND	2,333,357	INCYTE PHARMACEUTICALS,	
HECKMAN, JOYCE E.	2,333,330	HOLLENBECK, ROBERT KEITH	2,332,394	INC.	2,330,546
HEDDEN, PETER	2,330,938	HOLLENBERG, DETLEF	2,333,544	INDEPENDENT	
HEDOUIN, CATHERINE	2,333,426	HOLLINGSWORTH, RAWLE I.	2,332,847	PHARMACEUTICA AB	2,333,582
HEEMSKERK, JACOBUS P. J.	2,332,981	HOLLINGSWORTH, RAWLE I.	2,333,199	INDIAN HEAD INDUSTRIES,	
HEES, WILLIAM A.	2,332,887	HOLLMANN, MANFRED	2,333,291	INC.	2,333,012
HEFFRON, DAVID T.	2,333,120	HOLLWEDEL, URSULA	2,333,215	INDIGO N.V.	2,332,925

## Index of PCT Applications Entering the National Phase

INDIGO N.V.	2,332,972	JACKSON, JOHN R.	2,333,413	KAPPES, JOHN C.	2,331,760
INFINEON TECHNOLOGIES AG	2,333,597	JACOBASCH, GISELA	2,333,383	KARABIN, RICHARD F.	2,333,968
INFINEUM USA L.P.	2,332,868	JACOBS, DWIGHT W.	2,332,496	KARASSIK, NANCY	2,332,397
INFINEUM USA L.P.	2,333,562	JACOBSSON, MAGNUS	2,333,563	KAREL, GERALD L.	2,333,566
INFINEUM USA L.P.	2,333,571	JAECKEL, RALF	2,332,647	KARLSSON, AGNE	2,333,269
INGRAM, ANTHONY L.	2,332,294	JAFFE, JOSHUA M.	2,333,095	KARLSSON, LARS	2,333,153
INHALE THERAPEUTIC SYSTEMS	2,332,853	JAGER-LEZER, NATHALIE	2,333,773	KARLSSON, URBAN	2,333,030
INOUE, KAZUHIRO	2,333,321	JAKIELA, DENNIS J.	2,333,273	KARN, JONATHAN	2,331,825
INRANGE TECHNOLOGIES CORPORATION	2,332,945	JAKIELA, DENNIS J.	2,333,286	KARR, STEPHEN	2,332,774
INSEARCH LIMITED	2,331,833	JAKIELA, DENNIS J.	2,333,324	KASHIWABA, TADAO	2,333,504
INSTITUT FRANCAIS DU PETROLE	2,333,787	JANCHITRAPONVEJ, BEN	2,332,300	KASPER, KLAUS	2,333,237
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)	2,331,923	JANEK, BARTOLOMEJ	2,333,497	KASTING, THOMAS P.	2,333,202
INTEL CORPORATION	2,333,613	JANNETYINEN, JARI	2,333,127	KASTURI, CHANDRIKA	2,333,610
INTERCAT DEVELOPMENT, INC.	2,333,061	JAVAHERIAN, KASHI	2,331,370	KATDARE, ASHOK V.	2,332,876
INTERLEGO AG	2,333,123	JDS UNIPHASE CORPORATION	2,333,635	KATHREIN-WERKE KG	2,332,630
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,333,372	JEANBLANC, JAMES K.	2,333,233	KATO, OSAMU	2,333,628
INTERNATIONAL HERBAL PHARMACEUTICALS, CORP.	2,333,205	JEANPLONG, FERENC	2,332,555	KATO, SEIZO	2,333,590
INTERNATIONAL LUBRICANTS, INC.	2,333,091	JEGLA, TIMOTHY JAMES	2,331,829	KATOOT, AHMED MAROOF (ADMINISTRATOR OF THE ESTATE)	2,333,228
INTERNATIONAL PAPER COMPANY	2,333,638	JEHN-RENDU, CHRISTIAN	2,333,508	KATOOT, ALI MAROOF (ADMINISTRATOR OF THE ESTATE)	2,333,228
INVISIO, INC.	2,333,288	JENNISSEN, HERBERT PETER	2,333,391	KATOOT, MOHAMMAD W. (DECEASED)	2,333,228
IPSCO INC.	2,332,933	JESKE, FRANK	2,333,290	KATZ, DAVID	2,332,834
IRICK, GETHER JR.	2,332,120	JIN, FUQIANG	2,333,551	KATZ, HAL H.	2,332,107
IRWIN, IAN	2,332,398	JIN, FUQIANG	2,333,647	KAUFMAN & ROBINSON, INC.	2,333,296
IRWIN, IAN	2,333,190	JLM TECHNOLOGY	2,332,837	KAUFMAN, HAROLD R.	2,333,296
IRWIN, MICHAEL J.	2,332,885	JOBE, DEAN A.	2,332,570	KAWAGUCHI, MOTOKI	2,332,620
ISCLA, MICHEL	2,333,140	JOHANSSON, ANETTE	2,333,582	KAWAHARA, HIROKAZU	2,333,642
ISHIGURO, RYUJI	2,333,642	JOHNSON & JOHNSON VISION CARE, INC.	2,333,298	KAWAKAMI, ITARU	2,333,642
ISHII, SATOSHI	2,333,965	JOHNSON, LEONARD A.	2,332,525	KAWAKUBO, FUMIO	2,333,399
ISHIKAWA, ATSUO	2,333,590	JOHNSON, MICHAEL R.	2,333,301	KAWASAKI STEEL CORPORATION	2,332,953
ISHIOKA, GLENN Y.	2,331,846	JONA, JANA	2,332,112	KAYLO, ALAN J.	2,333,968
ISIS INNOVATION LIMITED	2,333,050	JONAS, ULRICH	2,330,937	KAZO, GLENN M.	2,332,978
ISOGAYA, MASAFUMI	2,332,375	JONES, FLOYD A.	2,333,575	KECKLER, KENNETH P.	2,332,502
ISOSTENT, INC.	2,333,019	JONES, J. BRYAN	2,331,783	KELLENBERGER, JOHANNES LAURENZ	2,332,491
ISOTAG TECHNOLOGY, INC.	2,333,974	JONES, STEPHEN R.	2,331,330	KELLER, DAVID	2,333,107
ISSBERNER, JORG	2,333,131	JONSSON, LENNART	2,333,774	KELLER, FREDERICK S.	2,333,591
ITAMAR MEDICAL (CM) 1997 LTD.	2,333,015	JONSSON, LENNART	2,333,777	KELLER, TEDDY M.	2,332,366
ITO, MASAYO	2,332,935	JONSSON, LENNART	2,333,786	KELLER, VIKTOR	2,333,606
ITO, SHINOBU	2,333,601	JORDAN, SILVIA	2,332,647	KELLETT, RICHARD M.	2,332,400
ITOH, KYOGO	2,331,761	JORE, JOHANNES PETRUS MARIA	2,331,924	KEMIRA CHEMICALS OY	2,333,271
ITT MANUFACTURING ENTERPRISES INC.	2,333,164	JOSIC, DJURO	2,333,316	KEMP, PHILIP M.	2,332,880
IVEY, DON L.	2,333,705	JUDKINS, RODDIE REAGAN	2,333,418	KEMP, PHILIP M.	2,333,272
IWAIZONO, YOSHINORI	2,332,357	JULSRUD, STEIN	2,332,832	KENAMETAL INC.	2,332,907
IWAMOTO, YOSHIKO	2,333,701	JUN, BENJAMIN C.	2,333,095	KENNEDY, BRIAN M.	2,333,446
IWASE, MASAYOSHI	2,333,122	JURASCHEK, PETER	2,333,445	KENNY, ANDREW O.	2,333,553
IWATANI INTERNATIONAL CORPORATION	2,333,359	KAARS, STANLEY R.	2,333,272	KERALASE LTD.	2,332,920
IZOTOV, VLADIMIR	2,333,197	KABLIK, J. JEFFREY	2,332,978	KERR, RICHARD J.	2,333,003
J&L FIBER SERVICES, INC.	2,333,570	KABUSHIKI KAISHA KENWOOD	2,333,173	KERRY, NICHOLAS JOHN	2,333,774
J. URIACH & CIA, S.A.	2,332,863	KABUSHIKI KAISHA SATO	2,333,504	KERRY, NICHOLAS JOHN	2,333,777
J.M. HUBER DENMARK APS	2,333,113	KAGAWA, HIDEJI	2,333,379	KERRY, NICHOLAS JOHN	2,333,786
J.P.M.E.D. LTD.	2,333,317	KAHN, JAMES R.	2,333,296	KERSTEN, DAGMAR	2,333,131
JACKSON, ERIC	2,333,369	KAJIHARA, MASAKO	2,333,555	KHALEEL, ABBAS	2,333,448
JACKSON, ERIC	2,333,374	KAKI, JOUKO	2,333,541	KHANKARI, RAJENDRA K.	2,333,375
JACKSON, GRAHAM	2,332,868	KAKUI, MOTOKI	2,333,477	KHETANI, VIKRAM KHOMIAKOV, OLEG NIKOLAEVICH	2,333,089
		KALCHER, CONNY	2,333,123	KHURANA, AMRIK L.	2,332,624
		KALIN, MARCO	2,333,414	KIANI, MASSI E.	2,333,062
		KALLIO, KALLE	2,333,066	KIANIAN, SHAHRYAR F.	2,332,643
		KAMBADUR, RAVI	2,332,555	KIKUCHI, YOSHIAKI	2,333,619
		KAMEI, TOMOTADA	2,333,179	KIL, YONG SUNG	2,332,994
		KAMEO, KAZUYA	2,333,038	KILLOP, JAMES THOMAS	2,332,857
		KAMINSKI, ANNEKA M.	2,333,214	KIM, BEONG-JO	2,332,990
		KAMINSKY, MARK P.	2,332,504	KIM, BEONG-JO	2,333,032
		KANEBO, LIMITED	2,333,701		
		KANEKA CORPORATION	2,333,399		
		KANEKA CORPORATION	2,333,605		
		KANEKA CORPORATION	2,333,653		
		KANSAS STATE UNIVERSITY RESEARCH FOUNDATION	2,333,448		



## Index des demandes PCT entrant en phase nationale

KIM, KYOU-WOONG	2,333,135	KUGA, HIROSHI	2,333,321	LAV, STEFFEN	2,332,368
KIM, MIN-GOO	2,332,990	KUGLER, KIRBY	2,333,367	LAW, ROBERT JAMES	2,333,072
KIM, MIN-GOO	2,333,032	KUHNKE, KLAUS	2,333,215	LAWLER, CASIMIR E.	2,332,393
KIMBERLY-CLARK		KUIPERS, MARIA ELIZABETH	2,332,127	LE BLEVENNEC, PIERRE	2,333,430
WORLDWIDE, INC.	2,333,568	KUKIZAKI, TAICHI	2,332,953	LEADBITTER, NEIL	2,333,267
KIMURA, FUMINORI	2,332,881	KUMAGAI, HIROKI	2,332,427	LEADLAY, PETER FRANCIS	2,331,764
KIMURA, HIROYUKI	2,332,178	KUMAR, NALIN	2,333,107	LEADLAY, PETER FRANCIS	2,332,491
KING, DONALD P.	2,333,138	KUNCHITAHAPATHAM, ARUN	2,333,446	LEAF, TOM	2,333,213
KINGDON, CHRISTOPHER		KUNER, ARNOLD	2,333,290	LEBRUN, ROGER A.	2,332,878
HUGH	2,332,905	KUO, CHI-I	2,333,239	LECOUTEUX, CLAUDE	2,332,358
KIRBY, ROBERT L.	2,333,644	KURA, HISATOSHI	2,333,365	LECOUTEUX, CLAUDE	2,333,139
KIRIN-AMGEN INC.	2,332,559	KURARAY CO., LTD.	2,333,580	LEDEORE, CHRISTOPHE	2,332,868
KIRRANE, THOMAS M.	2,332,957	KURODA, YUKIO	2,333,619	LEE, CHONG U.	2,333,100
KIRSTEN, ROLF	2,333,068	KUSTERA, DANIEL	2,333,616	LEE, DENNIS	2,332,402
KISSA, KARL M.	2,333,635	KVAERNER PROCESS		LEE, FU-MING	2,333,706
SYSTEMS, A DIVISION OF		KVAERNER CANADA, INC.	2,333,673	LEE, MARTIN ALAN	2,333,318
KLABUNDE, KENNETH J.	2,333,448	KWICK CLEAN AND GREEN		LEE, PATRICIA M.	2,333,120
KLANN, RICHARD CHRIS	2,332,701	LTD.	2,333,390	LEE, PAUL	2,333,014
KLAUCK, WOLFGANG	2,333,634	KWON, STEVEN SOON-YOUNG	2,332,358	LEE, WEI-YEH	2,332,413
KLEANTHOUS, SAVVAS	2,333,322	KYLE, DONALD	2,332,875	LEE, WEN-CHERNG	2,333,656
KLEGERIS, ANDIS	2,332,825	L&P PROPERTY		LEE, WHAY CHIOU	2,333,447
KLEIN, JENS	2,333,178	MANAGEMENT COMPANY	2,332,975	LEE, YOUNG-HWAN	2,332,990
KLEIN, OFER	2,333,299	LA GRASTA, GIOVANNI	2,333,319	LEE, YOUNG-HWAN	2,333,032
KLIMA, WALTER F., JR.	2,332,898	LAADING, GIERT	2,333,357	LEFAIX, JEAN-LOUIS	2,333,776
KLIMA, WILLIAM L.	2,332,898	LABBE, HELENE	2,331,842	LEGROW, GARY E.	2,332,114
KLIORIN, VICTOR	2,333,461	LABORATOIRES		LEHMANN, CHRISTIAN	2,333,178
KLUTH, JOACHIM	2,333,068	PROGRAPHARM	2,333,188	LEI, GANG	2,332,626
KLUMENKO, JERRY	2,333,397	LABORATORIOS DEL DR.		LEIDNER, JACOB	2,333,071
KNAPP, FRANCESCO	2,333,070	ESTEVE, S.A.	2,333,475	LEIGHTON, LARRY C.	2,332,939
KNAPTON, KENNETH S., III	2,333,613	LAFLEUR, DAVID W.	2,332,109	LEISTAD, GEIRR I.	2,333,973
KNOPP, MONIKA	2,333,008	LAFORREST, LARRY ADRIAN	2,332,906	LE-KHAC, BI	2,332,599
KNOWLEDGE KIDS		LAGERHOLM, BENGT	2,333,153	LELONG, PATRICK	2,333,257
ENTERPRISES, INC.	2,333,971	LAL, PREETI	2,330,546	LEMBCKE, ROBERT M.	2,332,937
KNUTSON, JOYCE C.	2,333,270	LAL, PRINCE	2,333,107	GEUNTER WILHELM	2,333,069
KNUTSSON, JENS	2,332,289	LALIGANT, PASCAL	2,333,430	LENTZ, M. RIGDON	2,333,323
KNUUTTILA, HILKKA	2,333,066	LAM, PETER KWOK HING	2,333,636	LESLIE, DARIO LYALL	2,333,318
KOBAYASHI, MASAYUKI	2,333,622	LAMAN, JON DANIEL	2,332,370	LET'S GO SHOPPING	2,332,364
KOCH, WOLFGANG H.	2,332,648	LAMBERS, EDWARD ALBERT	2,332,372	LEVEUGLE, BEATRICE	2,333,221
KOCHER, PAUL C.	2,333,095	LAMBERT, CLAUDE	2,333,576	LEVINE, AARON WILLIAM	2,333,107
KOENST, JOHN W.	2,333,523	LAMISH, AHARON	2,333,299	LEVINSON, MITCHELLE E.	2,333,607
KOMADINA, BRUCE M.	2,333,583	LAMONTAGNE, LOUIS R.	2,333,203	LEVITON MANUFACTURING	
KONIG, KLAUS	2,333,068	LAMOTHE, BRADLEY A.	2,333,538	CO., INC.	2,332,858
KONINKLIJKE PHILIPS		LAMSHING, WISTON	2,333,706	LEVITON MANUFACTURING	
ELECTRONICS N.V.	2,332,981	LANAN, KEITH	2,333,370	CO., INC.	2,332,859
KOPER, OLGA	2,333,448	LANDA, BENZION	2,332,925	LEVITON MANUFACTURING	
KOPF-SILL, ANNE R.	2,332,919	LANDA, BENZION	2,332,972	CO., INC.	2,332,866
KOPOTIC, ROBERT J.	2,333,062	LANDIS, PHILLIP S.	2,333,091	LEVITON MANUFACTURING	
KOSTKA, RICHARD ALAN	2,332,359	LANDSMAN, RICK W.	2,332,413	CO., INC.	2,332,871
KOTELIANSKY, VICTOR	2,330,939	LANE, ROGER MICHAEL	2,332,300	LEVY, ANAT	2,333,007
KOUCHI, DAVID B.	2,333,207	LANG, STEFFEN	2,333,154	LEVY, FINN OLAV	2,333,159
KOULOUMBIS, PANAGIOTIS	2,333,552	LANGDAL, JAMES	2,332,298	LEWIS, ERIC ANTHONY	2,333,573
KOURA, SEIGO	2,333,161	LANGEMANN, KLAUS	2,333,234	LEYBOLD VAKUUM GMBH	2,332,777
KOVACS, GERALD R.	2,333,313	LANUS, MARK	2,332,296	LI, SHUILI	2,333,598
KOVEAL, STEFAN M.	2,333,268	LANUS, MARK	2,332,298	LICHTBLAU, HARVEY	2,332,574
KOVESDI, IMRE	2,332,181	LANUS, MARK	2,333,220	LIDDELL, KEITH STUART	2,332,520
KOZACHOV, SERGEY	2,333,197	LAPOSTA, VINCENT JAMES	2,333,578	LIDDLE, CHRISTOPHER	2,333,016
KRAAL, BAREND	2,331,927	LAPPEGARD, KATHRYN K.	2,332,628	LIECHTI, KURT	2,333,154
KRAIMER, WILLIAM J.	2,332,107	LAQUIERE, ISABELLE M.-A.	2,332,646	LIFECCELL CORPORATION	2,332,986
KRANEVELD, ALETTA		LARDIZABAL, KATHRYN		LIGHTOUCH MEDICAL, INC.	2,333,565
DESIREE	2,332,561	DENNIS	2,331,329	LIKITALO, ANTTI	2,333,541
KREIDER, BRENT	2,331,926	LARSON, ERIC ROBERT	2,333,703	LIMA, WILLIAM	2,333,474
KRENZKE, RALF	2,332,938	LARSON, LAWRENCE	2,333,367	LIN, CHIA-CHENG	2,333,450
KREUTZ, FERNANDO T.	2,333,221	LARSSON, ANDERS	2,333,618	LIN, TIAOHUA	2,333,446
KRGOVICH, MILAN	2,333,390	LASER DIAGNOSTIC		LINCKE, SCOTT D.	2,333,033
KRONE, UWE	2,332,903	TECHNOLOGIES, INC.	2,333,198	LINDAHL, AKE	2,332,110
KRONZER, FRANK J.	2,333,568	LATHAM, JAMES R.	2,332,991	LINDGREN, MAGNUS	2,333,141
KRUBER, SUSANNE	2,333,603	LAUDET, ALAIN	2,333,778	LINDQUIST, BENGT W.	2,332,361
KRUCHININ, MIKHAIL		LAURAS AS	2,333,159	LING, MICHAEL JOHN ARCHER	2,333,599
LEONIDOVICH	2,333,699	LAWERS, PETER ALBERT	2,333,152	LINNEWIEL, RON	2,333,041
KRUGER, HANS	2,332,891				
KRUTAK, JAMES JOHN SR.	2,333,974				



## Index of PCT Applications Entering the National Phase

LITVAK, MULY	2,333,007	MAGNA INTERNATIONAL OF AMERICA, INC.	2,332,874	MAXIMCHENKO, VLADIMIR ALEXEEVICH	2,332,106
LIU, HUNG-WEN	2,332,129	MAGNA INTERNATIONAL OF AMERICA, INC.	2,332,877	MAYER, GUIDO	2,333,234
LIU, LILI	2,332,940	MAGNA REFLEX HOLDING GMBH	2,333,445	MAYER, JORG	2,333,111
LIU, XING-PING	2,333,392	MAGNUS, LESLIE	2,332,915	MCALCER, ANTHONY JAMES	2,333,564
LIVAK, KENNETH J.	2,329,061	MAGNUS, LESLIE	2,332,927	MCARTHUR, HAMISH ALASTAIR IRVINE	2,331,764
LIVESEY, STEPHEN ANTHONY	2,332,986	MAGNUS, LESLIE	2,332,929	MCARTHUR, HAMISH ALASTAIR IRVINE	2,332,491
LIVEYNS, ROBERT	2,333,167	MAGNUSSEN, BJORN	2,333,483	MCATEE, DAVID MICHAEL	2,332,948
LIVINGSTON, BRIAN	2,331,846	MAIEFSKI, ROMAINE ROBERT	2,333,708	MCBRAYER, ROY NELSON JR.	2,333,133
LLOYD, JONATHAN	2,333,457	MAIER, WILHELM-FRIEDRICH	2,333,178	MCBRIDE, KEVIN E.	2,332,700
LO, WING F.	2,332,567	MAIER, WILLIAM C.	2,332,303	MCBRIEN, GREGORY J.	2,333,635
LOBET, YVES	2,332,979	MAINE, GREGORY T.	2,333,598	MCCALLISTER, RONALD D.	2,332,910
LOCKHEED MARTIN ENERGY RESEARCH CORPORATION	2,333,418	MAINX, HANS-GEORG	2,333,163	MCCONNELL, JAMES W.	2,333,355
LODES, MICHAEL J.	2,331,845	MAJOR, MICHAEL W.	2,332,985	MCCONNELL, KENNY	2,332,875
LOESCHER, THOMAS C.	2,333,676	MAJOR, MICHAEL W.	2,332,989	MCCONNELL, REBECCA	2,332,875
LOGAN, TY	2,332,841	MAJOR, MICHAEL W.	2,332,999	MCCOY, JAMES	2,332,550
LOMBARDI, JACK	2,332,633	MALETIN, YURII	2,333,197	MCCREARY, JAMES B.	2,332,364
LOMPECH, HERVE	2,333,052	MAMEDA, TAKESHI	2,333,359	MCDEVITT, MICHAEL R.	2,333,125
LOPEZ ALMENDROS, JOSE	2,333,387	MANSFIELD, MICHELE ANN	2,333,214	MCEVER, RODGER P.	2,332,563
LORANT, RALUCA	2,333,773	MANZER, LEO	2,332,861	MCGEER, EDITH G.	2,332,825
LORD CORPORATION	2,333,557	MARCHITTO, LOUIS M.	2,333,396	MCGEER, PATRICK L.	2,332,825
L'OREAL	2,333,773	MARCONI, MARCO GIUSEPPE RAFFAELE	2,333,319	MCGEOUGH, PETER MICHAEL	2,333,449
LOSHAKOVE, AMIR	2,333,010	MARECIC, SHANNON	2,333,558	MCGILL UNIVERSITY	2,331,333
LOU, WEI	2,332,967	MARES, FRANK	2,333,013	MCI WORLDCOM, INC.	2,333,412
LOUWERS, JEROEN	2,333,211	MARGAN, MUTHUKUMARASWAMY KARANAI	2,332,598	MCINTOSH, ARTHUR	2,331,853
LOVELL, BRIAN	2,333,614	MARTIN, ANDREW LOUIS	2,333,325	MCKENZIE, JAMES STUART	2,332,604
LOVRICH, STEVEN D.	2,332,570	MARTIN-HELLER, TERESA	2,331,842	MCKENZIE, JAMES STUART	2,332,873
LOWE, CHRISTOPHER	2,333,629	MARTINO-CATT, SUJAN J.	2,332,628	MCKENZIE, JAMES STUART	2,333,456
LU, YICHENG	2,332,604	MARTLEW, PAUL	2,333,170	MCKINNIE, BONNIE G.	2,332,849
LUBISCH, WILFRIED	2,333,008	MARTUS, PAUL J.	2,333,074	MCKOWN, RUSSELL	2,333,452
LUCAS, SCOTT D.	2,333,206	MARZI, MAURO	2,333,572	MCLAREN, JAMES	2,333,027
LUCENT TECHNOLOGIES INC.	2,333,257	MASAOKA, YOSHITERU	2,333,399	MCMAHON, ROBERT	2,333,366
LUITEN, RUDOLF GIJSBERTUS MARIE	2,331,924	MASATSUJI, EIKO	2,333,601	MCMURDIE, NEIL D.	2,333,968
LUITEN, RUDOLF, GIJSBERTUS MARIA	2,331,927	MASCO CORPORATION	2,333,070	MCNEILL, JAMES S.	2,332,598
LUMINARY LOGIC LIMITED	2,332,855	MASIMO CORPORATION	2,333,062	MCNEILL, PATRICIA D.	2,331,845
LUND, LARS-GORAN	2,332,905	MASKELL, ROBIN K.	2,333,206	MEAT PROCESSING SERVICE CORP., INC.	2,332,393
LUNDEEN, LAWRENCE A.	2,333,149	MASSICOTTE, MICHEL	2,333,353	MEDICAL RESEARCH COUNCIL MEDIGENE	2,331,919
LUNDEN, KLAUS AKILLES	2,333,113	MASTERON, FREDERICK	2,333,637	AKTIENGESELLSCHAFT	2,332,115
LUO, EN ZE	2,332,967	MATHEY, FRANCOIS	2,333,183	MEHTA, RAKESH	2,333,405
LUO, HONG	2,332,967	MATHIESON, BRIAN DOUGLAS	2,332,418	MEIJER, DIRK KLAAS FOKKE	2,332,127
LUPIEN, FRANCIS	2,333,014	MATHIESON, EIAN DOUGLAS	2,332,418	MENDE, BERND	2,332,889
LUTZ, MARK S.	2,333,570	MATHIS, RONALD F.	2,333,535	MENDLA, KLAUS	2,332,497
LYCORED NATURAL PRODUCTS INDUSTRIES LTD.	2,333,134	MATSON AUTOMOTIVE INDUSTRIES PTY. LTD.	2,332,418	MENEZES, EDGAR	2,333,298
LYDON, RICHARD PATRICK	2,332,956	MATSUDA, SHOJI	2,333,173	MENICTAS, CHRIS	2,333,048
LYSEK, BRUCE A.	2,333,404	MATSUMOTO, AKIRA	2,333,365	MENZINGER, MICHAEL	2,333,549
MA, DANGSHE	2,333,125	MATSUOKA, HIROYUKI	2,333,600	MERCK & CO., INC.	2,332,876
MA, XING	2,332,626	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,332,357	MERCK & CO., INC.	2,333,023
MACAULAY, ERNEST WEATHERLEY	2,332,301	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,332,960	MERCK & CO., INC.	2,333,505
MACDONALD, JOHN GAVIN	2,333,568	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,333,179	MERCK & CO., INC.	2,333,620
MACROVISION CORPORATION	2,332,548	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,333,574	MERCK & CO., INC.	2,333,621
MADFORS, MAGNUS EINAR	2,332,289	MATSUSHITA ELECTRICAL INDUSTRIAL CO., LTD.	2,333,628	MERCK & CO., INC.	2,333,658
MADIYALAKAN, RAGUPATHY	2,333,221	MATTEL, INC.	2,332,998	MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,333,193
MADSEN, JENS TOFTELUND	2,333,113	MATTEL, INC.	2,333,000	MERLOS ROCA, MANUEL	2,332,863
MAEDA, KAZUHIRO	2,332,620	MATTHEWS, SUSAN H.	2,332,883	MERTENS, EMMANUEL	2,333,167
MAEDA, KAZUHIRO	2,332,946	MAURER, ALEXANDER	2,333,479	MERTENS, RICHARD	2,333,131
MAGAININ PHARMACEUTICALS, INC.	2,331,330	MAURIN, MICHAEL B.	2,333,550	MERVA, JOHN J.	2,333,585
MAGAININ PHARMACEUTICALS, INC.	2,332,961	MAUSER-WERKE GMBH	2,333,473	MESSER GRIESHEIM INDUSTRIES, INC.	2,333,523
MAGERL, FRITZ	2,333,111	MAUSER-WERKE GMBH	2,333,474	MESSING, ROBERT O.	2,332,488
MAGLIOCCO, LINO GIOVANNI	2,333,377			METABOLIX, INC.	2,333,005
MAGNA INTERNATIONAL OF AMERICA, INC.	2,332,870			METALOGENIA, S.A.	2,333,387
				MEYER, JEFFRY R.	2,333,624
				MEYER, KEVIN	2,333,711

## Index des demandes PCT entrant en phase nationale

MEYERS, GREGOR	2,330,241	MOORE, PAUL	2,333,318	NARLA, RAMA K.	2,333,392
MICHAELI, DOV	2,332,774	MOORE, PAUL A.	2,332,109	NASAR, NASAR ULLAH	2,332,894
MICHIGAN STATE UNIVERSITY	2,332,847	MOOSMANN, HELMUT	2,333,290	NATIONAL SILICATES	
MICHIGAN STATE UNIVERSITY	2,333,199	MORANTE, NICHOLAS	2,332,633	PARTNERSHIP	2,332,304
MICRO ENGINEERING INC.	2,332,906	MORE, IAIN	2,332,868	NEAL, RICHARD DIXON	2,333,974
MICROSENS BIOPHAGE		MORGAN, DENNIS R.	2,332,396	NEDERLANDSE ORGANISATIE	
LIMITED	2,333,463	MORGAN, GARY L.	2,333,106	VOOR	
MIECK, KLAUS-PETER	2,333,126	MORIN, CLAUDE	2,332,622	TOEGEPASTNATUURWET	
MIELLENHAUSEN, THOMAS C.	2,333,381	MOROS, DAN	2,333,405	ENSCHAPPELIJK	
MIKI, BRIAN	2,331,842	MORRIS, ANDREW R.	2,332,911	ONDERZOEK T	2,332,997
MILLER, JORGE	2,332,837	MORRIS, CHARLES		NEDERLANDSE ORGANISATIE	
MILLER, STEPHEN J.	2,333,210	MCCLELLAN	2,333,115	VOOR TOEGEPAST-	
MILLER, WENDELL E.	2,333,044	MORRISON, BRIAN R.	2,333,009	NATUURWETENSCHAPPIJ	
MINAMI, YASUJI	2,333,580	MORSODRF, JOHANN	2,333,274	K ONDERZOEK TN	2,333,211
MINEAR, JOHN W.	2,332,875	MOSAIC TECHNOLOGIES	2,331,767	NEDERLANDSE ORGANISATIE	
MINER, DEAN A.	2,332,912	MOSES, DONALD W.	2,332,902	VOOR	
MINNESOTA MINING AND		MOSES, ROBERT W.	2,332,902	WETENSCHAPPELIJK	
MANUFACTURING		MOSTAFA, AYMAN	2,333,216	ONDERZOEK/CHEMISCHE	
COMPANY	2,332,496	MOTOR COACH INDUSTRIES		WETENS	2,331,927
MINNESOTA MINING AND		LTD.	2,333,538	NEHRA, NARENDER	2,332,700
MANUFACTURING		MOTOROLA, INC.	2,332,296	NEIDLEIN, ULF	2,333,234
COMPANY	2,332,525	MOTOROLA, INC.	2,332,298	NEILL, PAUL HOWARD	2,332,300
MINNESOTA MINING AND		MOTOROLA, INC.	2,333,137	NESS, WALLACE	2,333,367
MANUFACTURING		MOTOROLA, INC.	2,333,143	NETSPAN CORPORATION	2,333,564
COMPANY	2,333,077	MOTOROLA, INC.	2,333,220	NEUROCHEM INC.	2,333,203
MINNESOTA MINING AND		MOTOROLA, INC.	2,333,283	NEW ENGLAND SCIENCE AND	
MANUFACTURING		MOTOROLA, INC.	2,333,293	SPECIALTY PRODUCTS,	
COMPANY	2,333,129	MOTOROLA, INC.	2,333,385	INC.	2,332,400
MINNESOTA MINING AND		MOTOROLA, INC.	2,333,447	NEW STAR LASERS, INC.	2,332,424
MANUFACTURING		MOTT, TIMOTHY	2,332,851	NEW ZEALAND PASTORAL	
COMPANY	2,333,292	MOWER, MORTON M.	2,333,360	AGRICULTURE	
MINNESOTA MINING AND		MOWER, MORTON M.	2,333,363	RESEARCH INSTITUTE	
MANUFACTURING		MUIR, DAVID J.	2,332,885	LIMITED	2,332,555
COMPANY	2,333,297	MULLER, HERMANN-FRANK	2,333,458	NEXTRX CORPORATION	2,333,395
MINNESOTA MINING AND		MULLER, JORG	2,333,631	NGO, DUNG A.	2,333,287
MANUFACTURING		MULLER, KLAUS-HELMUT	2,333,068	NGUYEN, LONG	2,332,390
COMPANY	2,333,566	MULLER, MICHAEL	2,333,587	NI, JIAN	2,332,109
MINNESOTA MINING AND		MULLER, WERNER	2,333,226	NICOARA, PETER	2,333,329
MANUFACTURING		MULLER, WERNER E. G.	2,332,968	NICO-PYROTECHNIK HANNS-	
COMPANY	2,333,600	MUL-T-LOCK SECURITY		JUERGEN DIEDERICHS	
MIRALLES ACOSTA, AGUSTI	2,332,863	PRODUCTS LTD.	2,333,329	GMBH & CO. KG	2,332,903
MIRONOVA, ANTONIA	2,333,197	MULVEY, STEWART J.	2,333,673	NIEDERBERGER, HANS-	
MISSLITZ, ULF	2,333,234	MUN, HYUN-JUNG	2,333,135	LUDWIG	2,333,587
MITSUBISHI RAYON CO., LTD.	2,333,419	MUNAYYER, FARAH J.	2,333,528	NIEGEL, MICHAEL	2,333,478
MIYAMOTO, MASAOMI	2,332,521	MUNCHOW, JORG	2,332,889	NIELSEN MEDIA RESEARCH,	
MIYOTA, YOSHIKI	2,333,601	MUNK, JENS, AAGE	2,332,368	INC.	2,332,977
MIZUNO, DENICHI	2,333,160	MUNSHI, ANIL	2,333,159	NIELSEN, BJARNE RONFELDT	2,331,340
MIZUNO, SADA0	2,333,179	MURARI, RAMASWAMY	2,333,107	NIEMEYER, PETER	2,332,966
MIZUNUMA, SATOSHI	2,333,653	MURPHY, DAVID J.	2,333,292	NIEMINEN, ESKO	2,333,109
MOBIL OIL CORPORATION	2,333,196	MURPHY, JAMES H.	2,332,911	NIJBOER, JAKOB G.	2,332,981
MODL, STEFAN	2,333,373	MURRAY, BRADLEY A.	2,333,143	NIJKAMP, FRANCISCUS	
MOE, RIYAD	2,333,410	MUSC FOUNDATION FOR		PETRUS	2,332,561
MOE, RIYAD	2,333,411	RESEARCH		NIKAI DOH, HIDEYUKI	2,332,953
MOHLENKAMP, MICHAEL J.	2,332,550	DEVELOPMENT	2,331,782	NILSSON, JAN	2,333,588
MOJAHEDUL, ISLAM	2,333,261	MUSTELIN, THOMAS	2,333,159	NILSSON, JESSICA	2,333,588
MOLLENAUER, KENNETH H.	2,333,510	MUSTONEN, MARJA	2,333,066	NIPPON SHINYAKU CO., LTD.	2,332,511
MOLLER, ACHIM	2,333,008	MYERS, RANDY ALLEN	2,333,068	NIPPON SHINYAKU CO., LTD.	2,333,162
MOLLER, MONA	2,327,549	MYRSTROM, ASA	2,333,970	NISCHWITZ, MARION	2,333,193
MOLLER, THOMAS W.	2,332,939	N.V. KEMA	2,332,934	NISHIMURA, AKIRA	2,333,151
MOLNLYCKE HEALTH CARE		N.V. NUTRICIA	2,332,127	NISSHINBO INDUSTRIES, INC.	2,333,037
AB	2,332,361	NADERI, JAMES	2,333,546	NISSHINBO INDUSTRIES, INC.	2,333,277
MOLNLYCKE HEALTH CARE		NAGANO, HIROKI	2,333,219	NISSHINBO INDUSTRIES, INC.	2,333,312
AB	2,332,795	NAGHAR, MONSHI	2,333,382	NOE, MARK CARL	2,333,703
MOMOSE, YU	2,332,178	NAHAM, MICHAEL	2,333,050	NOECKER, LINCOLN A.	2,331,330
MONDOU, DENIS	2,333,576	NAKADA, KAZUYA	2,332,620	NOGAKI, KANE0	2,333,966
MONTANA, JOHN GARY	2,333,629	NAKAHATA, HIROSHI	2,333,484	NOHR, RONALD SINCLAIR	2,333,568
MONTGOMERY, MARSHALL N.	2,332,996	NAKAJIMA, MASAMICHI	2,333,622	NOKIA NETWORKS OY	2,333,109
MOORE, EUGENE R.	2,332,844	NAKAMURA, YOSHIAKI	2,332,827	NOLAN, LEO J.	2,332,107
MOORE, JAMES R.	2,333,550	NAKATSUGAWA, HIROKO	2,333,701	NOMURA, HIDEAKI	2,332,559
		NAKAYAMA, TAKASHI	2,333,161		

## Index of PCT Applications Entering the National Phase

NORDAL, PER-ERIK	2,333,973	ORSENSE LTD.	2,332,921	PATENTSMITH TECHNOLOGY, LTD.	2,332,926
NORDSTROM, DOUGLAS	2,332,550	ORTHOISOFT INC.	2,333,393	PATERSON, BRUCE MELROSE	2,333,325
NORLIN, ANNA	2,333,043	ORTIZ, MARK	2,333,567	PATHER, SATHASIVAN INDIRAN	2,333,375
NORONHA, ANNE M.	2,331,333	ORYSZCZAK, RICHARD	2,332,397	PATHIRANA, MARIE SUDAM	2,332,574
NORRIS, JAMES S.	2,331,782	OSBORNE, THOMAS A.	2,333,591	PATIL, ABHIMANYU ONKAR	2,333,571
NORRIS, JOHN R.	2,332,926	OSTLUND, RICHARD E., JR.	2,332,983	PATIL, ABHIMANYU, ONKAR	2,333,128
NORSK HYDRO ASA	2,327,549	OSTTHURINGISCHE MATERIALPRUFGESELLS CHAFT FUR TEXTIL UND KUNSTSTOFFE MBH	2,333,126	PATRICE, PHILIPPE	2,333,790
NORSK HYDRO ASA	2,332,832	OTTEN, MARTINA	2,333,234	PATTERSON, CHANDRA	2,330,546
NORSK HYDRO ASA	2,333,354	OTTER TAIL POWER COMPANY	2,333,367	PAUL, STEVEN MARC	2,333,453
NORTEL NETWORKS LIMITED	2,332,567	OTTERSTEIN, KARL	2,333,414	PAULEY, CHARLES R. (DECEASED)	2,333,523
NORTHEAST ROBOTICS INC.	2,333,585	OUELLET, THERESE	2,331,842	PAVCNIK, DUSAN	2,333,591
NOTANI, RANJIT N.	2,333,536	OUELLETTE, KEVIN D.	2,332,306	PAVEL, STEPHEN K.	2,333,284
NOTANI, RANJIT N.	2,333,972	OUGHTON, GEORGE W., JR.	2,332,645	PC TEL, INC.	2,332,941
NOUJAIM, ANTOINE A.	2,333,221	OUTOKUMPU, OYJ	2,333,314	PEACOCK, DONALD R.	2,333,129
NOVARTIS AG	2,332,869	OVERBEEK, RUDOLF A.	2,333,457	PEARSON, JULITA	2,332,600
NOVARTIS AG	2,333,154	OVONIC BATTERY COMPANY, INC.	2,333,079	PECHSTEDT, RALF-DIETER	2,332,604
NOVARTIS AG	2,333,267	OVONIC BATTERY COMPANY, INC.	2,333,400	PEDERSEN, HENRIK	2,331,340
NOVARTIS AG	2,333,315	OVSHINSKY, STANFORD R.	2,332,867	PEEPLER INDUSTRIES, INC.	2,333,326
NOVITA, LUCIANO	2,332,305	OVSHINSKY, STANFORD R.	2,333,079	PEI, SHIYOU	2,332,504
NOVO NORDISK A/S	2,332,368	OVSHINSKY, STANFORD R.	2,333,400	PENNY, CHARLES	2,333,559
NOVOZYMES A/S	2,331,340	OWEN, CHARLES V.	2,333,049	PEPPER, TAMMY	2,332,600
NOWAK, RICHARD J.	2,332,567	OWENS, CORNING	2,332,621	PERERA, SURENDRA	2,333,293
NOY, MICHAEL JOHN	2,332,954	OWENS, ROBERT	2,333,610	PERIN, JEAN-PIERRE	2,331,923
NOZAWA, IWAO	2,332,699	OXMAN, JOEL D.	2,332,496	PERRUCHOT, FRANCOIS	2,332,581
NYBERG, ANNA	2,333,170	OZBEK, ALI	2,332,374	PERSCHKE, MALCOLM J.	2,333,002
NYGREN, JOHANNA	2,332,600	PADEROV, ANATOLY NIKOLAEVICH	2,332,856	PERSCHKE, MALCOLM J.	2,333,612
NYSSSEN, MARIE-ANGE	2,332,795	PAGE, CHRISTOPHER I.	2,333,108	PERSSON, MAGNUS STIG	2,332,289
OBERMANN, DETLEF	2,333,587	PAIKERT, BETTINA	2,333,457	PETER, THOMAS ANDREAS	2,333,111
OBERTHUR GAMING TECHNOLOGIES, INC.	2,333,576	PALERMO, KEITH CHARLES	2,333,137	PETERS, JAMES F.	2,333,385
OBSHESTVO S OGRANICHENNOI OTVETSTVENOSTIJU 'DEMP BEK'	2,332,106	PALLAS MORENO, JORGE	2,333,387	PETERSON, CHARLES M.	2,333,565
OCHI, YASUO	2,332,375	PALLAVER, MATTHEW	2,333,114	PETERSON, DAVID	2,332,991
OCHI, YASUO	2,332,427	PALM, INC.	2,333,033	PFISTER GMBH	2,333,560
OCHI, YASUSHI	2,333,309	PALM, INC.	2,333,055	PFIZER INC.	2,332,491
OCTAPHARMA AG	2,333,316	PALMOUR, JOHN W.	2,333,579	PFIZER PRODUCTS INC.	2,331,388
ODAKA, HIROYUKI	2,332,178	PALUMBO, GIANFRANCO	2,332,913	PFIZER PRODUCTS INC.	2,333,703
OFOSU-ASANTE, KOFI	2,333,610	PALUMBO, GIANFRANCO	2,332,917	PFUTZNER, HAROLD	2,332,376
OGLESBY, JANICE LEE	2,333,610	PALUMBO, GIANFRANCO	2,332,980	PHARMACOSMOS HOLDING A/ S	2,332,882
OGOZALEK, KRISTINE L.	2,332,574	PALUMBO, GIANFRANCO	2,332,982	PHARMAGENE LABORATORIES LTD.	2,332,487
O'HARA, MATTHEW J.	2,333,371	PAN, WEI-HUA	2,331,782	PHILLIPS, ANDREW LEONARD	2,330,938
OHISHI, MASATOSHI	2,332,947	PANASYUK, ANATOLIY	2,333,279	PHILLIPS, RONALD L.	2,332,643
OHKAWA, SHIGENORI	2,332,521	PANDEY, RAVINDRA K.	2,331,763	PHYLOS, INC.	2,331,926
OHRNDORF, HENNING	2,333,230	PANGBORN, DONALD R.	2,333,073	PIETRE, ARMEL	2,333,791
OHTA, TOMOHIRO	2,332,935	PANKAKE, EUGENE A.	2,332,365	PIETROBON, SILVANO	2,332,949
OHTANI, MITSUAKI	2,332,528	PAPST-MOTOREN GMBH & CO. KG	2,333,290	PIETT, DERRICK RONALD	2,333,564
OHTSUKI, JUNICHI	2,333,580	PARASNIS, ABHAY V.	2,333,536	PINARD, ROBERT	2,333,330
OHWA, MASAKI	2,333,365	PARASNIS, ABHAY V.	2,333,972	PIONEER HI-BRED INTERNATIONAL, INC.	2,332,628
OKA, HIDETAKA	2,333,365	PARASRAMPURIA, JAGDISH	2,332,767	PIOTROWSKI, CHESTER	2,333,566
OKADA, KOICHI	2,333,580	PARCE, J. WALLACE	2,332,919	PIP, HANS JOACHIM	2,333,196
OKAJIMA, TAKAKO	2,332,881	PARENTI, DENNIS	2,332,979	PIPER, GRAHAM R.	2,332,145
OKAZAKI, RYUICHI	2,333,173	PARENTI, FRANCESCO	2,332,526	PIPEROVA, LILIANA	2,332,302
OKUNEV, YURI	2,332,941	PARKER HUGHES INSTITUTE	2,333,392	PIRKER, HERMANN	2,332,909
OKUNO, TOSHIAKI	2,333,477	PARKS, CHRISTOPHER L.	2,333,313	PIRTTIAHO, LAURI	2,333,109
OKUYAMA, SHIGERU	2,333,038	PARKS, THOMAS M.	2,332,957	PIZARD, YVES	2,333,164
OLECHNOWICZ, BENJAMIN J.	2,332,550	PARMLEY, STEPHEN F.	2,333,598	PLAINCHAMP, DOMINIQUE	2,333,167
OLSEN, HENRIK S.	2,332,109	PARNIAK, MICHAEL A.	2,331,333	PLANT, ANDREW	2,332,122
OLSON, EDGAR DANNY	2,333,623	PARRY, RICHARD L.	2,332,393	PLANTAN, RONALD S.	2,333,012
OLSON, RICHARD ERIC	2,333,633	PARSONS, NATAN E.	2,333,285	PLAT, FRANCIS R.	2,332,608
O'MARA, KERRY DENNIS	2,333,107	PARSONS, PHILIP JAMES	2,332,974	PLATZKER, DANIEL M.	2,333,036
OMNICORDER TECHNOLOGIES, INC.	2,333,406	PASHMAKOV, BOIL	2,332,867	POLEFKA, THOMAS GREGORY	2,333,935
ONISHI, HIROAKI	2,333,158	PATEL, CHAITANYA UMEDBHAI	2,332,300	POLINIAK, EUGENE SAMUEL	2,333,107
ONO, NAOYA	2,333,038	PATEL, USHA R.	2,332,957	POLINIAK, EUGENE SAMUEL	2,333,130
ONTOGEN CORPORATION	2,333,708			PONKA, PHILIP	2,333,397
ORICA EXPLOSIVES TECHNOLOGY PTY LTD.	2,332,954			POPOVIC, BRANISLAV	2,333,479
ORIENTAL SANGYO, LTD.	2,333,309				

## Index des demandes PCT entrant en phase nationale

PORTA SYSTEMS CORPORATION	2,333,075	RADESCA, LILIAN A.	2,333,550	RIEGER, PATRICIA J.	2,333,149
PORTER, JAMES A.	2,332,858	RAGOT, FRANCOISE	2,333,188	RIESMEIER, JORG	2,333,383
PORTER, JAMES A.	2,332,859	RAGUSE, BURKHARD	2,333,539	RIGGENMANN, REINHOLD	2,332,830
PORTER, JAMES A.	2,332,866	RAINS, ROGER KERANEN	2,332,372	RIGGENMANN, REINHOLD	2,333,222
POTTER, JAMES M.	2,333,106	RAISIO CHEMICALS LTD.	2,333,541	RIGGS, KEVIN JOSEPH	2,332,103
POTTER, WILLIAM R.	2,331,763	RAITH, ALEX KRISTER	2,332,901	RIGHETTINI, ROBIN	2,333,557
POTTS, RUSSELL O.	2,332,112	RAJASEKHARAN, AJIT	2,332,851	RIGOSI, GIAN LUIGI	2,333,542
POUWELS, PIETER HENDRIK	2,331,924	RAMASWAMY, SOWMIANARAYANAN	2,333,089	RIJKSUNIVERSITEIT TE LEIDEN	2,331,927
POUWER, KEES	2,333,256	RAMESH, RAJARAM	2,333,216	RIMLAND, BERNARD	2,333,657
POWERWARE CORPORATION	2,332,645	RAMESH, RAM K.	2,332,145	RISER, ANDREW P.	2,333,535
POYET, JEAN-PIERRE	2,332,376	RAO, MEENA	2,332,961	RITSING, BRIAN	2,332,368
PPG INDUSTRIES OHIO, INC.	2,333,450	RAO, V. N. MALLIKARJUNA	2,333,470	RIVENBURG, HOWARD CHRISTOPHER	2,333,107
PPG INDUSTRIES OHIO, INC.	2,333,636	RAO, VELLIYUR NOTT MALLIKARJUNA	2,333,472	RIXEN, JAMES M.	2,333,632
PPG INDUSTRIES OHIO, INC.	2,333,968	RATHS, HANS-CHRISTIAN	2,333,163	RIZZO, MICHAEL	2,333,361
PRAKASH, INDRA	2,333,263	RATY, JARKKO	2,333,094	RIZZO, MICHAEL	2,333,362
PRATT & WHITNEY CANADA CORP.	2,332,359	RAUTE PRECISION OY	2,333,314	RLM SYSTEMS PTY LTD.	2,333,614
PRATT & WHITNEY CANADA CORP.	2,333,353	RAY, BRIAN N.	2,333,225	RMF DICTAGENE S.A.	2,333,602
PRATT, CHRISTOPHER JOHN	2,332,602	RAY, CHARLES	2,332,853	ROACH, WILLIAM RONALD	2,333,107
PRESCOTT, CATHERINE DENISE	2,331,825	RAY, GUSTAV ALLEN	2,332,865	ROBBINS, MICHAEL H.	2,332,991
PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2,333,592	REA GESELLSCHAFT FUR RECYCLING VON ENERGIE UND ABFALL MBH	2,333,640	ROBERTS, JOHN K.	2,333,596
PREULH, ISABELLE	2,333,427	REAGAN, GEORGE S.	2,332,875	ROBINSON, ANDREW NIALL	2,333,412
PRIMUS, ANDREAS JOHANNES MARIA	2,332,934	REDEGELD, FRANCISCUS ANTONIUS MARIA	2,332,561	ROBINSON, JOSEPH R.	2,333,375
PRIOR, ADALBERT	2,333,316	REDMON, MARTIN P.	2,333,004	ROCHE, EMMANUEL	2,333,402
PROBIODRUG GESELLSCHAFT FUR ARZNEIMITTELFORSCHUNG MBH	2,333,603	REED, GUY L.	2,333,592	RODEL, UDO	2,333,478
PROCH, NATHAN	2,333,000	REED, STEVEN G.	2,331,845	RODENRYS, JOHN J.	2,333,120
PROCIW, LEV ALEXANDER	2,332,359	REGENTS OF THE UNIVERSITY OF MINNESOTA	2,332,129	RODNEY, ELI	2,333,329
PROCTOR, JAMES A., JR.	2,333,654	REGENTS OF THE UNIVERSITY OF MINNESOTA	2,332,643	RODNEY, PAUL F.	2,332,429
PROFIL VERBINDUNGSTECHNIK GMBH & CO. KG	2,332,952	REID, ALLISON	2,333,310	RODNEY, PAUL F.	2,333,238
PROUDFOOT, JOHN R.	2,332,957	REIMER, KAREN	2,332,369	ROE, DONALD CARROLL	2,333,699
PROVANCAL, STEPHEN	2,332,397	REIMER, KAREN	2,332,371	ROGEMOND, ERIC	2,333,429
PROVART, NICHOLAS	2,332,373	REIMER, KAREN	2,332,389	ROGERS, WILLIAM PAUL	2,332,945
PROVART, NICHOLAS	2,333,383	REINHARDT, JURGEN	2,333,163	ROGGE, MARK	2,333,063
PRZYTULLA, DIETMAR	2,333,473	REMLINGTON, JACK S.	2,333,598	ROHLOFF, ROBERT H.	2,333,396
PRZYTULLA, DIETMAR	2,333,474	REMOTE SOURCE LIGHTING INTERNATIONAL, INC.	2,333,535	ROHM CO., LTD.	2,333,158
PUEYO MOLINA, JAVIER	2,333,387	RENARD, STEPHANE	2,332,581	ROHR, ROBERT D.	2,333,202
PUGLIA, ANNA MARIA	2,330,543	RENVALL, ILKKA	2,333,271	ROMARIE, JEAN-LOUIS	2,333,774
PURTON, DENNIS G.	2,333,570	REPLIGEN CORPORATION	2,333,657	ROMARIE, JEAN-LOUIS	2,333,777
PUSHKO, PETER	2,332,494	RESEARCH CORPORATION TECHNOLOGIES, INC.	2,331,765	ROMARIE, JEAN-LOUIS	2,333,786
PYXIS CORPORATION	2,333,120	REUSSMANN, THOMAS	2,333,126	ROSATI, DOMINIC STEOHN	2,333,130
QLOGIC CORPORATION	2,333,386	REXAM SOFAB	2,333,052	ROSATI, DOMINIC STEPHEN	2,333,107
QUAKE, STEPHEN	2,333,201	REY, CLAUDIO G.	2,333,459	ROSCHE, JOSEF	2,333,591
QUALCOMM INCORPORATED	2,333,003	REYMOND, CHRISTOPHE DOMINIQUE	2,333,602	ROSE, WALTER	2,333,645
QUANRUD, WILLIAM A.	2,333,288	REZAI, EBRAHIM	2,333,064	ROSELIEP, ROBERT E.	2,332,857
QUANTRONIX CORP.	2,332,864	RHODES, BLAINE N.	2,333,091	ROSEN, CRAIG A.	2,332,109
QUANZ, MARTIN	2,332,373	RHODIA CHIMIE	2,333,426	ROSEN, JOSEF	2,332,925
QUANZ, MARTIN	2,333,383	RHODIA FIBER AND RESIN INTERMEDIATES	2,333,183	ROSEN, JOSEF	2,332,972
QUARDERER, GEORGE J., JR.	2,332,844	RHODIA FIBER AND RESIN INTERMEDIATES	2,333,186	ROSENSCHEIN, URI	2,333,626
QUINN INTERNATIONAL CORPORATION	2,333,502	RIBLETT, H. ALLEN	2,333,268	ROSS, HAYES S.	2,333,705
QUON, COLIN S. C.	2,333,165	RIBOTARGETS LIMITED	2,331,825	ROSSINI, MAURO	2,332,590
QX CORPORATION PTY.LTD	2,333,351	RICCI, PATRIZIO	2,333,388	ROTELIUK, LUCHY D.	2,333,452
RABBITS, TERENCE	2,331,919	RICCI, PATRIZIO	2,333,468	ROTHENBERG, ALAN S.	2,333,377
RABEL, SHELLEY R.	2,333,550	RICHARDS, MARK L.	2,332,985	ROTTAPHARM B.V.	2,333,586
RABINKIN, ANATOL	2,333,630	RICHARDS, MARK L.	2,332,989	ROUNDS, RHYTA S.	2,333,265
RABUSSAY, DIETMAR	2,333,394	RICHARDS, MARK L.	2,332,999	ROVATI, LUCIO C.	2,333,586
RADA, HIRAM	2,333,774	RIDLEY, ROBERT	2,333,374	ROWLAND, MARK W.	2,333,396
RADA, HIRAM	2,333,777	RIED, MARTIN	2,332,115	ROYS, JOHN E.	2,333,074
RADA, HIRAM	2,333,786	RIEGER, FRANCOIS	2,331,923	ROZANOWICH, MARIO	2,332,834
RADER, MYRON	2,333,367			ROZENSZAJN, L. ARIE	2,333,626
				ROZZI, SHARON M.	2,333,009
				RUBEN, STEVEN M.	2,332,109
				RUBIN, PAUL D.	2,333,666
				RUNNING, JEFFREY A.	2,331,198
				RUSELER - VAN EMBDEN, JOHANNA GEERTRUIDA HENDRIKA	2,332,370
				RUSSELL, SEAN	2,332,906
				RUSSO, JOSEPH DUANE	2,332,933
				RUTGERS ORGANICS GMBH	2,333,593

## Index of PCT Applications Entering the National Phase

RYCE, CHERYL LOUISE	2,331,833	SCHEPER, WILLIAM MICHAEL	2,333,610	SHANGHAI SINE	
RYDNELL, GUNNAR	2,333,014	SCHEPPS, JONATHON LLOYD	2,333,142	PHARMACEUTICAL	
S.A. LHOIST RECHERCHE ET		SCHERING		CORP., LTD.	2,333,205
DÉVELOPPEMENT	2,333,778	AKTIENGESELLSCHAFT	2,333,320	SHARMA, MRIDULA	2,332,555
SABIN, CULLEN M.	2,333,295	SCHERING CORPORATION	2,333,528	SHARMA, RAJIV	2,332,957
SABIN, MARTIN W.	2,333,295	SCHERKENBECK, JURGEN	2,332,122	SHARPE, ANDREW	2,333,629
SABIN, VERITY MARGARET	2,333,629	SCHEYHING, KELLY I.	2,333,702	SHAW, THOMAS J.	2,332,918
SADR, CHANGIZE	2,333,650	SCHILT-DEINES, CHRISTINE M.	2,332,550	SHEEHAN, RICHARD L., JR.	2,332,912
SAEGUSA, KAZUNORI	2,333,653	SCHLENZIG, DAGMAR	2,333,603	SHELL INTERNATIONALE	
SAETERDAL, INGVL	2,327,549	SCHLUMBERGER CANADA		RESEARCH	
SAIDI, M. YAZID	2,333,577	LIMITED	2,332,374	MAATSCHAPPIJ B.V.	2,332,923
SAINATI, ROBERT A.	2,333,566	SCHLUMBERGER CANADA		SHERMAN, DARREN R.	2,333,510
SAINT-GOBAIN GLASS		LIMITED	2,332,376	SHERMAN, DAVID H.	2,332,129
FRANCE	2,332,622	SCHLUMBERGER CANADA		SHERWOOD, WILLIAM LYON	2,332,108
SAKAMOTO, JUNICHI	2,332,178	LIMITED	2,333,069	SHEU, MICHAEL JYH-TSING	2,333,598
SALANNE, SIMO	2,333,271	SCHLUMBERGER		SHEU, SU-PI	2,333,505
SALFLEX POLYMERS LTD.	2,333,650	TECHNOLOGY		SHI, GUIZENG	2,333,628
SALITURO, JOHN A.	2,332,518	CORPORATION	2,333,166	SHI, MINJIE	2,333,451
SAMPATH, PARTHASARATHY	2,332,359	SCHMALJOHN, ALAN L.	2,332,494	SHI, YANG-GU	2,332,109
SAMPUGNA, JOSEPH	2,332,302	SCHMID, ROBERTO RODOLFO		SHIBUYA, KAZUSHI	2,333,966
SAMSUNG ELECTRONICS CO.,		KRETSCHMER	2,331,925	SHIBUYA, SATOSHI	2,332,953
LTD.	2,332,990	SCHMIDT, CECIL C.	2,333,149	SHIMADA, MASASHI	2,333,600
SAMSUNG ELECTRONICS CO.,		SCHMIDT, HANS-WERNER	2,333,178	SHIMAMOTO, TAKESHI	2,333,379
LTD.	2,333,032	SCHMIDT, MICHAEL G.	2,331,782	SHINJO, SOICHI	2,333,173
SAMSUNG ELECTRONICS CO.,		SCHMIEDL, DETLEF	2,333,383	SHIONOGI & CO., LTD.	2,332,528
LTD.	2,333,135	SCHNALL, ROBERT P.	2,333,015	SHIRAIISHI, KENICHI	2,333,173
SANCHEZ CRESPO, MARIANO	2,332,863	SCHNEIDER, ANGELA	2,332,966	SHOWA DENKO K.K.	2,333,601
SANCHEZ GUIZADO, FERMIN	2,333,387	SCHNEIDER, VALENTINA	2,332,966	SHUBKIN, RONALD L.	2,333,496
SANCHEZ, CAYETANO III	2,333,576	SCHOLFIELD, DAVID	2,331,782	SHUBKIN, RONALD L.	2,333,534
SANDLERMAN, NIMROD	2,332,582	SCHOOF, JOHANNES	2,333,587	SHUKIN, SERGEY	2,333,011
SANICOLA-NADEL, MICHELLE	2,330,939	SCHOPPLEIN, MICHAEL	2,333,226	SHUSTACK, PAUL J.	2,333,368
SANKARANARAYANAN,		SCHREDER, SVEN	2,333,193	SHYU, T. PIN P.	2,333,236
ALANGUDI	2,333,001	SCHULER, CARLOS	2,332,853	SICOM, INC.	2,332,910
SANO, AKIHIKO	2,333,555	SCHULIST, MATHIAS	2,333,479	SIDHU, MOHINDERJIT S.	2,333,313
SANO, TOMOO	2,333,419	SCHULTES, BIRGIT	2,333,221	SIEGMANN, ECKHARD	2,333,480
SANTORO, ANTONINO	2,333,586	SCHUTZ, GUNTER	2,332,777	SIEGWARTH, DAVID PHILLIP	2,333,072
SAP AKTIENGESELLSCHAFT	2,332,938	SCHWARTZ, KENNETH E.	2,332,767	SIEMENS	
SAP AKTIENGESELLSCHAFT	2,332,995	SCHWENDEMAN, ROBERT J.	2,333,293	AKTIENGESELLSCHAFT	2,332,830
SAPASHE, DARREN T.	2,333,283	SCHWIER, CHRIS E.	2,332,937	AKTIENGESELLSCHAFT	2,333,215
SARKKI, MARJA-LEENA	2,332,600	SCIENTIFIC GAMES		SIEMENS	
SARNOFF CORPORATION	2,333,142	INTERNATIONAL LTD.	2,333,454	AKTIENGESELLSCHAFT	2,333,218
SARNOWSKI, EDWARD J.	2,333,411	SCIMED LIFE SYSTEMS, INC.	2,332,415	SIEMENS	
SASAKI, TADASHI	2,333,504	SCULLION, SIMON DANIEL	2,332,291	AKTIENGESELLSCHAFT	2,333,222
SASSAMAN, FRANK L. JR.	2,333,272	SCULLION, SIMON DANIEL	2,332,295	SIEMENS	
SASSAMAN, FRANK L., JR.	2,332,880	SEAQUIST CLOSURES		AKTIENGESELLSCHAFT	2,333,476
SASSEVILLE, KATHERINE	2,333,367	FOREIGN, INC.	2,333,202	SIEMENS	
SASSI, THOMAS P.	2,333,273	SEELINGER, PAUL M.	2,333,120	AKTIENGESELLSCHAFT	2,333,483
SASTRI, SATYA B.	2,332,366	SEGAL, CATHERINE A.	2,332,915	SIEMENS	
SATO, FUMIE	2,333,038	SEGAL, CATHERINE A.	2,332,927	AKTIENGESELLSCHAFT	2,333,520
SATO, KOH	2,332,128	SEGAL, CATHERINE A.	2,332,929	SIEMENS	
SATO, TAKAYA	2,333,037	SEGAL, TSAKHI	2,333,036	AKTIENGESELLSCHAFT	2,333,595
SATO, TAKAYA	2,333,277	SEGUELONG, THIERRY	2,333,426	SIEMENS WESTINGHOUSE	
SATO, TAKAYA	2,333,312	SEIKO EPSON CORPORATION	2,333,195	POWER CORPORATION	2,333,418
SAUER, NICOLE	2,332,497	SEKI, JUNZO	2,333,162	SIEMES APPLIED	
SAUERER, JOSEF	2,333,373	SENANAYAKE, CHRIS HUGH	2,333,004	AUTOMATION, INC.	2,333,124
SAUNDERS, ADRIAN	2,332,906	SENDELBACH, STEFAN	2,333,593	SIEVERT, ALLEN CAPRON	2,333,470
SAUNDERS, CHARLES		SENGUPTA, INDRONIL	2,332,598	SIEVERT, ALLEN CAPRON	2,333,472
WINSTON	2,332,177	SENSORMATIC ELECTRONICS		SIGMA-TAU INDUSTRIE	
SAVAGE, PHILIP MICHAEL	2,332,642	CORPORATION	2,333,278	FARMACEUTICHE	
SAVIGNAC, PHILIPPE	2,333,183	SEPITEC FOUNDATION	2,333,111	RIUNITE S.P.A.	2,333,572
SAWYNOK, JANA	2,333,310	SEPRACOR INC.	2,333,004	SIKKA, VINOD KUMAR	2,333,418
SCAPA GROUP PLC	2,332,956	SEPRACOR INC.	2,333,666	SIKORSKY AIRCRAFT	
SCARSELLI, ANTONIO	2,333,608	SEQUEIRA, JOEL A.	2,333,528	CORPORATION	2,333,396
SCEATS, MARK	2,332,992	SETTE, ALESSANDRO	2,331,846	SIMAAN, JALILA ARIANE	2,333,649
SCHAAF, DAVID J.	2,332,700	SEVERICH, BIRGIT	2,333,237	SIMERAY, JANICK	2,333,430
SCHABES, YVES	2,333,402	SEVERSON, DAVID K.	2,331,198	SINCO, INC.	2,332,306
SCHALLER, MARTIN K., JR.	2,332,624	SGOUROS, GEORGE	2,333,125	SINGH, BAWA	2,333,107
SCHANKE, ROBERT L.	2,332,936	SHAH, VIMAL V.	2,332,875	SINGH, BAWA	2,333,130
SCHENBERG, DAVID	2,333,125	SHANDER, DOUGLAS	2,333,401		
SHELL, RONALD F.	2,332,570				

## Index des demandes PCT entrant en phase nationale

SINGH, PRABHAKAR	2,333,418	SOUTH, ROBERT E.	2,333,044	SUJANSKY, VLADIMIR J.	2,332,954
SINGH, RANBIR	2,333,579	SOUTHCO, INC.	2,333,268	SULLIVAN, MICHAEL J.	2,333,606
SIPHER, JOSEPH K.	2,333,033	SOUTHGATE, PETER DAVID	2,333,107	SULZER CARBOMEDICS INC.	2,333,328
SIRCAR, JAGADISH	2,332,985	SPALDING SPORTS		SULZER CARBOMEDICS INC.	2,333,409
SIRCAR, JAGADISH	2,332,989	WORLDWIDE, INC.	2,333,606	SULZER CARBOMEDICS INC.	2,333,410
SIRCAR, JAGADISH	2,332,999	SPAREN, ANDERS	2,333,153	SULZER CARBOMEDICS INC.	2,333,411
SIRIANNI, GIUSEPPE	2,332,959	SPECIALIZED HEALTH		SUMI, SHINOBU	2,332,827
SIU, PATRICK	2,332,567	PRODUCTS, INC.	2,333,049	SUMITOMO ELECTRIC	
SJOGREN, MAGNUS	2,333,275	SPECTRX, INC.	2,332,833	INDUSTRIES, LTD.	2,333,477
SKAGGS, ROGER DEAN	2,333,132	SPENCE, CHARLES F.	2,333,201	SUMITOMO	
SKALHEGG, BJORN STEEN	2,333,159	SPENCE, PAUL A.	2,333,567	PHARMACEUTICALS	
SKF USA INC.	2,333,977	SPENCE, PAUL A.	2,333,594	COMPANY, LIMITED	2,331,761
SLOAN-KETTERING INSTITUTE		SPERO, RICHARD	2,333,607	SUMITOMO	
FOR CANCER RESEARCH	2,333,125	SPINEA S.R.O. KOSICE	2,333,497	PHARMACEUTICALS	
SLOMA, JOHN M.	2,333,236	SPINELLA, DOMINIC G.	2,331,412	COMPANY, LIMITED	2,333,555
SMALL, DAVID	2,333,351	SPIRIG, WALTER	2,333,111	SUN MICROSYSTEMS, INC.	2,333,421
SMELLIE, ANDREW	2,332,360	SPITZER, WAYNE ALFRED	2,332,403	SUN, HOI CHEONG	2,333,107
SMITH, ADRIAN E.	2,332,853	SPRAYEX, INC	2,332,898	SUN, HOI CHEONG	2,333,116
SMITH, E. DALLAS	2,333,364	SPRECKELSEN MCGEOUGH		SUN, HOI CHEONG	2,333,130
SMITH, JEFFREY J.	2,333,301	LIMITED	2,333,449	SUN, SANXING	2,332,957
SMITH, JONATHAN F.	2,332,494	SPRINGER, EDWARD L.	2,332,897	SUNDBERG, STEVEN A.	2,332,919
SMITH, MICHAEL F.	2,333,395	SRINIVASAN, VENUGOPAL	2,332,977	SUNDVOLD, VIBEKE	2,333,159
SMITH, STEPHEN PAUL	2,332,291	STAGG, TIMOTHY V.	2,332,912	SUNG, KIL YONG	2,332,971
SMITH, STEVEN	2,330,549	STAGI, WILLIAM R.	2,333,370	SUNKISS	2,333,429
SMITH, WENDY S.	2,332,567	STAHL, DOUGLAS R.	2,332,887	SUPERFARAD LTD.	2,333,197
SMITHKLINE BEECHAM		STALKER, DAVID M.	2,332,700	SURE POWER CORPORATION	2,332,840
BIOLOGICALS S.A.	2,332,979	STAM, JOSEPH S.	2,333,596	SURE-WOOD LOCK, INC.	2,333,213
SMITHKLINE BEECHAM		STAUB, JEFFREY M.	2,332,700	SUSAKI, HIROSHI	2,333,321
BIOLOGICALS S.A.	2,333,167	STAUNTON, JAMES	2,331,764	SUVOROV, ALEXANDER V.	2,333,579
SMITHKLINE BEECHAM		STAUNTON, JAMES	2,332,491	SUZUKI, KENICHI	2,332,881
CORPORATION	2,332,402	STEINHARDT, MARK JOHN	2,333,078	SUZUKI, MINORU	2,333,219
SMITHKLINE BEECHAM		STELZIG, LUTZ	2,333,186	SUZUKI, YASHUHIRO	2,333,598
CORPORATION	2,332,492	STELZL, ALOIS	2,332,891	SUZUKI, YOSHIHIKO	2,333,590
SMITHKLINE BEECHAM		STENMARK, LARS BERTIL	2,333,133	SUZUMURA, YASUSHI	2,333,419
CORPORATION	2,332,531	STENZEL, KLAUS	2,333,068	SVENDSEN, ALLAN	2,331,340
SMITHKLINE BEECHAM		STEPANOV, DMITRII	2,332,992	SVENSSON, TORGNY	2,333,582
CORPORATION	2,332,979	STEVENS, CHRISTIAN VICTOR	2,332,646	SWART, PIETER JACOB	2,332,127
SMITHKLINE BEECHAM		STEWART, BOB W.	2,332,920	SWEET, WILLIAM L.	2,333,019
CORPORATION	2,333,157	STEWART, DAVID RALPH	2,332,923	SWITLIK PARACHUTE CO., INC.	2,333,540
SMITS, ELKE	2,332,993	STILLE, MATS	2,333,170	SWITLIK, STANLEY	2,333,540
SMS DEMAG AG	2,332,914	STOCKHAUSEN GMBH & CO.		SYNAPTIC PHARMACEUTICAL	
SMS SCHLOEMANN-SIEMAG		KG	2,333,131	CORPORATION	2,332,574
AKTIENGESELLSCHAFT	2,333,230	STOCKS, MARTIN	2,331,919	SZE, HUNG Y.	2,333,386
SNAPER, ALVIN A.	2,333,017	STOGNIEW, MARTIN	2,333,274	SZREK, WALTER	2,333,576
SNF S.A.	2,333,508	STOKES, BRUCE G.	2,333,568	TACK, ROBERT DRYDEN	2,332,868
SNYDER, HERM	2,332,853	STORY, EDWARD ROSS	2,333,651	TAHKANEN, HANNU	2,333,235
SOCIETE DE CONSEILS DE		STORY, GUY A.	2,332,851	TAIHO PHARMACEUTICAL	
RECHERCHES ET		STRAIT, MATTHEW J.	2,332,624	COMPANY, LIMITED	2,333,160
D'APPLICATIONS		STRANGIO, VINCENT A.	2,333,457	TAILLENS, JEAN-FRANCOIS	2,333,182
SCIENTIFIQUES SAS	2,331,918	STRASKY, WOLFGANG	2,333,268	TAISHO PHARMACEUTICAL	
SOCIETE DES PRODUITS		STREAM, ROBERT D.	2,332,378	CO., LTD.	2,333,038
NESTLE S.A.	2,332,358	STREBE, JAMES L.	2,333,400	TAISHO PHARMACEUTICALS	
SOCIETE DES PRODUITS		STRIZHAKOVA, NATALIE	2,333,197	CO., LTD.	2,332,881
NESTLE S.A.	2,333,139	STRUGNELL, STEPHEN	2,333,270	TAK, SEUNG-HO	2,332,113
SODERVALL, TEEMU	2,333,271	STUDIENGESELLSCHAFT		TAKAHASHI, KOJI	2,333,580
SOIK, MATTHEW R.	2,333,570	KOHLE MBH	2,332,597	TAKAHASHI, YUKINORI	2,333,160
SOLANA TECHNOLOGY		STUDIENGESELLSCHAFT		TAKAKI, AKIRA	2,333,653
DEVELOPMENT		KOHLE MBH	2,333,178	TAKAKURA, TOSHIHIKO	2,333,158
CORPORATION	2,333,100	STUPAK, ELLIOT I.	2,333,528	TAKAMA, MICHIIHIRO	2,333,601
SOLUTIA INC.	2,332,937	STUTZMAN-ENGWALL, KIM		TAKASE, JUNJI	2,333,605
SOLUTIA, INC.	2,333,404	JONELLE	2,332,491	TAKASU, MIKIO	2,333,419
SOMA, GENICHIRO	2,333,160	STYCZYNSKI, PETER	2,333,401	TAKEDA CHEMICAL	
SOMERS, DAVID A.	2,332,643	SUBRAMANIAN,		INDUSTRIES, LTD.	2,332,178
SONY CORPORATION	2,333,642	MUNIRPALLAM A.	2,332,861	TAKEDA CHEMICAL	
SOPHOR S.A.	2,333,787	SUDA, YOSHIMITSU	2,333,289	INDUSTRIES, LTD.	2,332,521
SOPPET, DANIEL R.	2,332,109	SUGIE, TOSHIHIKO	2,333,555	TAKEDA, SHINJI	2,332,946
SORENSEN, PER	2,332,916	SUGIHARA, KATSUHIRO	2,333,162	TAKEMOTO, TADAHIRO	2,332,946
SOSIO, MARGHERITA	2,330,543	SUGIMORI, MASAHIRO	2,333,419	TALLEY, LINDA J.	2,332,926
SOUTH, MICHAEL R.	2,333,044	SUGIYAMA, NAOKI	2,332,946	TALLIER, BERNARD	2,333,625
		SUGIYAMA, YASUO	2,332,178	TAMADA, JANET	2,332,112

## Index of PCT Applications Entering the National Phase

TAMFELT OYJ ABP	2,333,127	THE BOARD OF REGENTS OF	THE PROCTER & GAMBLE
TAMURA, MASAMITSU	2,333,359	THE UNIVERSITY OF	COMPANY
TANABE, MITSURU	2,333,642	OKLAHOMA	2,333,631
TANAMI, TOHRU	2,333,038	THE BOOTS COMPANY PLC	THE PROCTER & GAMBLE
TANG, WEIMING	2,333,013	2,332,563	COMPANY
TANG, Y. TOM	2,330,546	2,332,490	2,333,699
TANIDA, NORIFUMI	2,332,649	THE BOOTS COMPANY PLC	THE REGENTS OF THE
TANSI-GLICKMAN, SELIN	2,332,866	2,332,500	UNIVERSITY OF
TANTIVY COMMUNICATIONS,		THE CENTER FOR BLOOD	CALIFORNIA
INC.	2,333,654	RESEARCH, INC.	2,330,549
TAO, JIE	2,333,064	2,331,925	THE REGENTS OF THE
TAPEMATIC, S.P.A.	2,333,093	THE CHILDREN'S MEDICAL	UNIVERSITY OF
TARGETMATCH, LTD.	2,333,007	CENTER CORPORATION	CALIFORNIA
TARO PHARMACEUTICAL		2,331,370	2,330,937
INDUSTRIES LTD.	2,333,405	THE CLOROX COMPANY	THE RESEARCH FOUNDATION
TASKEN, KJETIL	2,333,159	2,332,991	OF STATE UNIVERSITY OF
TAVI, SEPPO	2,333,280	THE COMMONWEALTH OF	NEW YORK
TCHEOU, ERIC	2,333,045	AUSTRALIA	2,332,304
TEGAL CORPORATION	2,333,530	REPRESENTED BY DSTO	THE SECRETARY OF STATE
TEGRITY, INCORPORATED	2,333,036	2,333,614	FOR DEFENCE
TEIJIN LIMITED	2,333,219	THE DOW CHEMICAL	THE SECRETARY OF STATE
TELCORDIA TECHNOLOGIES,		COMPANY	FOR DEFENCE
INC.	2,333,604	2,332,844	2,333,194
TELEFONAKTIEBOLAGET LM	2,332,289	THE GATES CORPORATION	THE UNIVERSITY OF BRISTOL
ERICSSON	2,332,901	2,332,377	2,330,938
TELEFONAKTIEBOLAGET LM		THE GILLETTE COMPANY	THE UNIVERSITY OF BRITISH
ERICSSON	2,332,014	2,332,397	COLUMBIA
TELEFONAKTIEBOLAGET LM	2,333,014	THE GILLETTE COMPANY	2,332,825
ERICSSON	2,333,098	2,333,401	THE UNIVERSITY OF
TELEFONAKTIEBOLAGET LM		THE GOODYEAR TIRE &	MELBOURNE
ERICSSON	2,333,141	RUBBER COMPANY	2,333,614
TELEFONAKTIEBOLAGET LM	2,333,170	2,333,102	THE UNIVERSITY OF
ERICSSON	2,333,416	THE GOODYEAR TIRE &	QUEENSLAND
TELEFONAKTIEBOLAGET LM	2,333,416	RUBBER COMPANY	2,333,614
ERICSSON	2,333,416	2,333,200	THE UNIVERSITY OF SOUTH
TELEFONAKTIEBOLAGET LM	2,333,478	THE GOVERNMENT OF THE	AUSTRALIA
ERICSSON	2,333,478	UNITED STATES OF	2,332,992
TELEFONAKTIEBOLAGET LM	2,333,479	AMERICA, AS	THE UNIVERSITY OF SYDNEY
ERICSSON	2,333,479	REPRESENTED BY THE SE	2,333,016
TELEFONAKTIEBOLAGET LM	2,333,563	2,332,366	THE UNIVERSITY OF
ERICSSON	2,333,588	2,333,263	TENNESSEE RESEARCH
TELE-IP LIMITED	2,333,325	THE NUTRASWEET COMPANY	CORPORATION
TELSTRA CORPORATION		2,331,782	2,331,771
LIMITED	2,333,614	THE PERKIN-ELMER	THE WELDING INSTITUTE
TEMPRA TECHNOLOGY, INC.	2,333,295	CORPORATION	2,333,208
TERAGRAM CORPORATION	2,333,402	2,329,061	THEW, MARTIN T.
TERAKAWA, EIICHI	2,333,580	THE PROCTER & GAMBLE	2,333,673
TERRY, W. LEONARD JR.	2,332,114	COMPANY	2,333,230
TESCHERS, LEONHARD	2,333,218	2,332,121	THIN FILM ELECTRONICS ASA
TETARD, DAVID	2,333,649	2,332,177	2,333,973
TETER, BEVERLY B.	2,332,302	2,332,430	THOMAS, DAVID WILLIAM
TETRASON DIVERSIFIED		2,332,913	2,330,938
CORP.	2,332,611	2,332,917	THOMAS, STEPHEN GREGORY
TH. GOLDSCHMIDT AG	2,333,056	2,332,917	2,331,329
THANASACK, BOUCHAN	2,333,451	2,332,948	THOMPSON, GREGORY A.
THE ASSOCIATED OCTEL		2,332,959	2,332,394
COMPANY LIMITED	2,332,836	2,332,980	2,332,876
THE AUSTRALIAN NATIONAL	2,332,842	2,332,982	2,332,836
UNIVERSITY		2,333,045	THOMPSON, RUSSELL MARTIN
THE BOARD OF GOVERNORS		2,333,064	2,332,492
FOR HIGHER EDUCATION,		2,333,078	THOMSON-CSF
STATE OF RHODE ISLAND		2,333,115	2,333,049
AND P	2,332,878	2,333,214	THORNE, DAVID L.
		2,333,388	2,333,049
		2,333,468	THORNE, GALE H.
		2,333,484	2,333,049
		2,333,610	THORP, CLARKSON S.
			2,333,710
			THRY SIN, GUNNAR
			2,333,014
			THUDT, RAIMAR
			2,333,476
			THUDT, RAIMAR
			2,333,595
			TIAN, LINING
			2,331,842
			TIDLUND, LARS HENNING
			2,333,133
			TIENSE SUIKERRAFFINADERIJ
			N.V.
			2,332,646
			TIERNEY, MICHAEL J.
			2,332,112
			TILFORD, ARTHUR R.
			2,332,892
			TIMELINE, INC.
			2,333,207
			TIMUS, BOGDAN
			2,333,416
			TINDAL, MICHAEL HOWARD
			2,332,121
			TINTI, MARIA ORNELLA
			2,333,572

## Index des demandes PCT entrant en phase nationale

TIRTOWIDJOJO, DAN	2,332,844	UNILEVER PLC	2,333,645	VAUGHN, PATRICK	2,333,368
TKATCH, RANDY T.	2,333,165	UNILEVER PLC	2,333,649	VAW ALUMINIUM AG	2,332,944
TOBLER, DAVID R.	2,333,062	UNILEVER PLC	2,333,651	VAYNSHTEYN, VLADIMIR	2,333,166
TOCKMAN, BRUCE A.	2,332,940	UNION CARBIDE CHEMICALS		VEBER, DANIEL FRANK	2,332,492
TODOROV, IVAN T.	2,333,702	& PLASTICS		VEBER, DANIEL FRANK	2,332,531
TOGNINI, ROGER	2,333,111	TECHNOLOGY		VEERAPANANE, DANGE	2,332,699
TOKHEIM CORPORATION	2,332,648	CORPORATION	2,332,103	VEGA, JOSE LUIS	2,333,045
TOKIMOTO, TOYOTARO	2,332,947	UNITED BIOMEDICAL, INC.	2,330,249	VENKATASUBRAMANYAN,	
TOLLEFSON, GARY DENNIS	2,332,408	UNITED STATES		NARAYAN	2,333,446
TOLLERSON, BRADLEY	2,333,367	ENVIRONMENTAL		VENKATESAN, SRINIVASAN	2,333,079
TOMITA, AKIRA	2,333,674	PROTECTION AGENCY	2,332,943	VENKATESAN, SRINIVASAN	2,333,400
TONKIN, MARK CHRISTOPHER	2,332,111	UNITED STATES FILTER		VERHAERT DESIGN &	
TORAY INDUSTRIES, INC.	2,332,375	CORPORATION	2,332,880	DEVELOPMENT N.V.	2,333,223
TORAY INDUSTRIES, INC.	2,332,427	UNITED STATES FILTER		VERSCHOOR, JOHN P.	2,332,107
TORAY INDUSTRIES, INC.	2,333,151	CORPORATION	2,333,272	VESBORG, STEEN	2,333,611
TOYOTA JIDOSHA KABUSHIKI		UNITED STATES OF AMERICA		VEXLER, JOURI GENRIHOVICH	2,332,856
KAISHA	2,333,122	REPRESENTED BY THE		VICENTELLI, CLAUDIO	2,332,362
TOYOTA JIDOSHA KABUSHIKI		SECRETARY OF		VIERHEILIG, ALBERT A.	2,332,299
KAISHA	2,333,619	AGRICULTURE	2,331,853	VIERHEILIG, ALBERT A.	2,333,061
TRANI, MARINA	2,332,959	UNITED STATES OF AMERICA		VIETH, MICHAEL	2,332,952
TREIBER, HANS-JORG	2,333,008	REPRESENTED BY THE		VIGELAND, BENT	2,332,832
TRELLEBORG AB	2,333,232	SECRETARY,		VIND, JESPER	2,331,340
TREMOULET, OLIVIER L., JR.	2,333,136	DEPARTMENT OF AGR	2,332,643	VINSON, PHILLIP KYLE	2,333,610
TREXEL, INC.	2,333,114	UNIVATION TECHNOLOGIES		VISAGE DEVELOPMENTS	
TRICOR DIRECT, INC.	2,332,890	LLC	2,333,239	LIMITED	2,333,589
TRIPATHY, BHAWANI S.	2,332,896	UNIVERSITY OF GUELPH	2,330,544	VITO, RAYMOND P.	2,333,464
TRITON THALASSIC		UNIVERSITY OF MARYLAND	2,332,302	VOEST-ALPINE	
TECHNOLOGIES, INC.	2,333,106	UNIVERSITY OF		INDUSTRIEANLAGENBAU	
TROM, MATTHEW C.	2,332,496	SOUTHAMPTON	2,332,930	GMBH	2,332,909
TRONIC'S MICROSYSTEMS	2,332,581	UNIVERSITY OF VERMONT		VOLKIN, DAVID B.	2,333,505
TRUBAC, ROBERT E.	2,333,457	AND STATE		VON DEYN, WOLFGANG	2,333,234
TSAI, CHING-LONG	2,333,566	AGRICULTURAL		VON RHEIN, WINFRIED	2,332,830
TSALS, IZRAIL	2,332,834	COLLEGE	2,333,330	VON RHEIN, WINFRIED	2,333,218
TSIKNOPOULOS, PHEDON	2,333,000	URDAHL, OLAV	2,333,673	VON RHEIN, WINFRIED	2,333,222
TSUCHIDA, YUZO	2,333,420	URLAU, ULRICH	2,332,914	VON SAMSON	
TSUNAKAWA, SHIGEYUKI	2,333,966	URSIN, TORD PETER	2,333,357	HIMMELSTJERNA, GEORG	2,332,122
TSUNENARI, TOSHIAKI	2,332,128	USALA, ANTON-LEWIS	2,332,701	VON SPRECKELSEN, HENNING	2,333,449
TSUZUKI, TOSHI	2,333,601	UTICA ENTERPRISES, INC.	2,332,857	VRIES, TON	2,333,256
TURKEVICH, LEONID A.	2,333,568	UTILX CORPORATION	2,333,370	W.S. S.P.A.	2,332,949
TURNER, MALCOLM E.	2,332,996	VADEHRA, DHARAM VIR	2,332,358	WAGNER, CHRISTOPHER	
TURNER, MALCOLM E.	2,333,002	VALENCE TECHNOLOGY, INC.	2,333,577	TODD	2,332,986
TURNER, MALCOLM E.	2,333,612	VALLEE, BERNARD	2,333,422	WAGNER, NELDON C.	2,333,512
TURNLAND, TODD H.	2,333,019	VALMET CORPORATION	2,333,094	WAGNER, OLIVER	2,333,234
TUTCO, INC.	2,333,644	VALMET CORPORATION	2,333,280	WAGNER, RICHARD	2,331,926
TUTHILL, LYLE BROWN	2,332,430	VALMET WOODHANDLING OY	2,333,235	WAKAO, YOSHITAKA	2,333,359
TUTTLE, ROBERT	2,333,711	VALMET, INC.	2,333,397	WALCZAK, FRANCIS J.	2,333,472
TWEDDELL, RICHARD III	2,333,078	VAN CRIEKINGE, WIM MARIA		WALD, STEPHEN ALAN	2,333,004
TYCO ELECTRONICS		RENE	2,332,993	WALES, BRIAN HARDIN	2,332,933
CORPORATION	2,333,674	VAN DEN BERG, JEROEN		WALLACE, THOMAS E.	2,333,546
TYNER, JOAN D.	2,333,598	JOHANNES MARIA	2,332,127	WALSH, GREGORY VINCENT	2,333,584
U.S. BIOSCIENCE, INC.	2,333,274	VAN DER HEIJDEN, ANTONIUS		WALTER, GERHARD WILHELM	2,332,777
U.S. MEDICAL RESEARCH		EDUARD DOMINICUS		WALTER, HELMUT	2,333,234
INSTITUTE OF		MARIA	2,333,211	WANG, CHANG YI	2,330,249
INFECTIOUS DISEASES	2,332,494	VAN HELDEN, HERMAN		WANG, GUANGYI	2,333,380
UAB RESEARCH FOUNDATION	2,331,760	HENDRIK PETER MARIA	2,332,997	WANG, GUIJUN	2,332,847
UCKUN, FATIH M.	2,333,392	VAN HENGSTUM, ANTONIUS		WANG, GUIJUN	2,333,199
UDEM, STEPHEN A.	2,333,313	JOHANNES	2,332,372	WANG, RICHARD LEE	2,332,121
UEDA, KIYOSHI	2,332,953	VAN LIESHOUT, LEONARDA		WANG, TAO	2,332,988
UEKI, NOBUHIDE	2,330,548	MARIA CATHARINA	2,332,370	WANG, TAO	2,333,097
UEKI, YOSUKE	2,332,559	VAN LUIJK, NICOLE	2,331,924	WANG, TAO	2,333,376
UESUGI, MITSURU	2,333,574	VAN WEZEL, GILLES		WANG, WEI	2,332,599
UESUGI, MITSURU	2,333,628	PHILIPPUS	2,331,927	WANG, XIAO-JUN	2,332,957
UGGERUD, WARD	2,333,367	VAN XANTEN, NICOLAAS		WANG, XUN	2,332,628
ULLMANN, MARK	2,333,413	HENRICUS WERENFRIED	2,332,997	WANG, ZHE	2,333,551
ULLOM, JOEL NATHAN	2,333,050	VANG, TORHEL	2,333,159	WARNER-LAMBERT COMPANY	2,332,915
UNCAST COMMUNICATIONS		VANTICO AG	2,333,590	WARNER-LAMBERT COMPANY	2,332,927
CORPORATION	2,332,413	VARGO, RICHARD DAVID	2,333,102	WARNER-LAMBERT COMPANY	2,332,929
UNILEVER PLC	2,332,300	VARMA-NAIR, MANIKA	2,333,128	WASHINGTON UNIVERSITY	2,332,931
UNILEVER PLC	2,332,301	VARMA-NAIR, MANIKA	2,333,571	WATANABE, NOBUO	2,333,619
UNILEVER PLC	2,332,305				



## Index of PCT Applications Entering the National Phase

WATERFIELD, J. DOUGLAS	2,332,825	WOJTCZAK, WILLIAM A.	2,332,390
WATSON PHARMACEUTICALS, INC.	2,333,156	WOLFGANG, JURGEN	2,333,316
WATT, RICHARD L.	2,333,073	WOLLENWEBER, HORST- WERNER	2,333,163
WAYTH, NICHOLAS J.	2,333,673	WONG, DOUGLAS	2,333,100
WEADOCK, KEVIN	2,333,172	WOOD, MICHAEL C.	2,333,971
WEATHERALL, DOUGLAS J.	2,333,553	WOOD, WILLIAM P.	2,333,297
WEBER KNAPP COMPANY	2,333,073	WOSSLER, MANFRED	2,332,891
WEBER, NORBERT	2,333,373	WRAIGHT, PETER	2,332,376
WEGBREIT, ELIOT, LEONARD	2,333,584	WRIGHT, GENE A.	2,332,890
WEI, FING-FEI	2,332,109	WRIGHT, MARTIN C.	2,331,926
WEIDNER, KARL	2,332,891	WRIGHT, PETER	2,333,772
WEINBRECHT, UWE	2,333,056	WU, HAIYOU	2,333,285
WEINERT VAKUUM VERFAHRENSTECHNIK GMBH	2,332,900	WU, KEQIANG	2,331,842
WEINERT, HILMAR H.	2,332,900	WU, RAY J.	2,332,130
WEINSTOCK, IRA A.	2,332,897	WU, XIAOYUN	2,331,760
WEINZIERL, DIETER	2,333,593	WU, XIN	2,333,453
WELCH ALLYN DATA COLLECTION, INC.	2,333,576	WYDILA, JOHN EDWARD	2,332,300
WELFIDE CORPORATION	2,332,946	WYNBERG, HANS	2,333,256
WENDELL, DON	2,333,708	WYTCHERLEY, RANDI WRIGHT	2,333,706
WENTZEL, DAVID	2,332,431	XUE, CHU-BAIO	2,333,554
WENZLER, LARRY E.	2,332,890	XUE, YONGQUAN	2,332,129
WERDINIG, HELMUT	2,332,830	XYROFIN OY	2,332,600
WERDINIG, HELMUT	2,333,218	YAKUMARU, MASAFUMI	2,333,701
WERDINIG, HELMUT	2,333,222	YAMADA, KENJI	2,333,038
WERLE, KARL-HEINZ	2,333,587	YAMAMOTO, HIROAKI	2,333,179
WERNER, GEORG	2,333,131	YAMASHITA, DENNIS SHINJI	2,332,531
WESTLUND, RANDY W.	2,332,940	YANAGITA, TERUYOSHI	2,332,511
WESTPHALEN, KARL-OTTO	2,333,234	YANG, BING	2,332,923
WETCHOLOWSKY, INGO	2,333,068	YANO, KAZUHIRO	2,330,548
WHIPPLE, MARK B.	2,333,536	YAO, YIGIANG	2,333,205
WHIPPLE, MARK B.	2,333,972	YARNALL, DAVID	2,333,207
WHITE, TIMOTHY P.	2,333,585	YE, GUANGNING	2,332,700
WHITFIELD, CHRIS	2,330,544	YETHON, JEREMY A.	2,330,544
WHITTAKER, ROBERT C.	2,332,504	YOKOTA, KIYOSHI	2,333,161
WICKLUND, PETER KEVIN	2,333,397	YONEDA, TADASHI	2,333,601
WIKSTROM, CLAES	2,333,141	YONENO, KUNIO	2,333,195
WILDS, CHRISTOPHER	2,331,333	YONKER, MAXINE B.	2,332,767
WILJAN, HARRY	2,333,640	YOON, INBAE	2,332,107
WILKER, THOMAS ALAN	2,333,078	YOSHIDA, TOMOHIRO	2,332,946
WILLCOX, NATHALIE	2,333,427	YOSHIDA, YOICHI	2,333,219
WILLIAMS, GEOFFREY ALLAN	2,333,112	YOUNG, PAUL E.	2,332,109
WILLIAMS COMMUNICATIONS, INC.	2,333,150	YOUNG, ROBERT JOHN	2,333,322
WILLIAMS, HOWARD J.	2,332,838	YU, JILIANG	2,333,075
WILLIAMS, STEVEN, H.	2,332,621	Z4 TECHNOLOGIES, INC.	2,332,962
WILLIAMS, TREVOR J.	2,333,673	ZADEH, BAGHER ROUHOLLAH	2,332,905
WILLIAMSON, WARREN P., IV	2,333,567	ZAFRANY, MICHAEL	2,333,790
WILLIAMSON, WARREN P., IV	2,333,594	ZAGHOUBANI, HABIB	2,331,771
WILLIAMSON, WILL F.	2,333,091	ZAKI, AHMED	2,332,878
WILSAK, RICHARD A.	2,332,504	ZANZUCCHI, PETER JOHN	2,333,107
WILSON, CLIFFORD MAURICE	2,333,454	ZASLOFF, MICHAEL	2,332,961
WILSON, DANIEL A.	2,333,368	ZEITHAMMER, KAREL	2,333,446
WILSON, JOHN R.	2,333,395	ZELLWEGER ANALYTICS, INC.	2,333,366
WILSON, JULIE A.	2,332,494	ZETESIS S.P.A.	2,331,762
WILSON, PHILLIP S.	2,332,870	ZHANG, JIANBIN	2,333,214
WILSON, PHILLIP S.	2,332,874	ZHANG, JINGNIAN	2,333,366
WILSON, PHILLIP S.	2,332,877	ZHANG, PEIJUN	2,331,842
WILSON, RONALD H.	2,333,395	ZHAO, LISHAN	2,332,129
WILSON, STUART MARK	2,333,463	ZHIQIA, ELYES	2,332,878
WINTERMANTEL, ERICH	2,333,111	ZHURIN, VIACHESLAV V.	2,333,296
WISMANN, WILLIAM E.	2,333,233	ZIMMERMAN, PETER	2,332,928
WITSCHERL, MATTHIAS	2,333,234	ZIMMERMANN, PETER	2,332,932
WOBLEN, ALOYS	2,332,363	ZNAIDEN, ALEXANDER PAUL	2,333,645
WOCHNOWSKI, HORST	2,332,966	ZOPA AS	2,332,916
WOHNHAS, STEFAN	2,332,647	ZUMBRINK, THOMAS	2,333,391
		ZURFLUH, RENE	2,333,267
		ZUSHMA, STEPHEN	2,333,128
		ZUSHMA, STEPHEN	2,333,571

## 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

ALBRECHT, GLENN	2,332,731	ROSS, HAMISH	2,333,352
ALLERGAN, INC.	2,332,406	SCHURE, LOUIS	2,332,185
ALLIANCE PHARMACEUTICAL CORP.	2,332,618	SEKINS, K. MICHAEL	2,332,618
ANDERSON, JEFFREY L.	2,330,524	SHAFFER, THOMAS H.	2,332,618
AOKI, K. ROGER	2,332,406	SMITHKLINE BEECHAM CORPORATION	2,333,352
BRENNER, SYDNEY	2,332,731	SMITHKLINE BEECHAM P.L.C.	2,333,352
BROX, WERNER	2,332,631	TATTON, WILLIAM G.	2,329,569
BURKHART, JOSEPH P.	2,332,652	TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	2,332,618
CARKNER, STEVEN	2,328,825	THE UNIVERSITY OF TORONTO INNOVATIONS FOUNDATION	2,329,569
CARLSON, STEVEN R.	2,332,406	TOKYO GAS CO., LTD.	2,332,412
CERULLO, ALBERT	2,332,185	TOYODA, SHIGERU	2,332,412
DHEIN, ROBERT	2,332,185	VANDERBILT UNIVERSITY	2,329,473
EDMONSON, PETER	2,328,825	WEISS, VICTOR H.	2,330,524
FORD-HUTCHINSON, ANTHONY	2,329,473	WOLFSON, MARLA R.	2,332,618
FUNK, COLIN	2,329,473	WRAY, PAUL NIGEL	2,333,352
GATES, CYNTHIA P.	2,332,652	YAGI, SHUICHI	2,332,412
GLASS, GREGORY	2,332,185	ZANDE, HORST	2,332,631
GRANETT, JEFFREY ROGER	2,333,352	ZHU, LIZHONG	2,328,825
GRAYSTON, MICHAEL W.	2,332,406		
GREENWOOD, CAROL E.	2,329,569		
GRYGORCZYK, RICHARD	2,329,473		
HAMPTON, R. TERRY	2,330,523		
HAYET, PASCAL	2,330,522		
ITAGAKI, MASAOKI	2,332,412		
JARMUSZEWSKI, PERRY	2,328,825		
KIM, ANNABELLE	2,330,528		
KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,330,522		
LEON, JUDITH M.	2,332,406		
LYNX THERAPEUTICS, INC.	2,332,731		
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,332,405		
MEINZER, ARMIN	2,332,631		
MERCK FROSST CANADA & CO./ MERCK FROSST CANADA & CIE	2,329,473		
MERRELL PHARMACEUTICALS INC.	2,332,652		
METTERS, KATHLEEN	2,329,473		
MORGAN ADHESIVES COMPANY	2,330,524		
NEW YORK INSTITUTE OF TECHNOLOGY	2,332,185		
NISSHINBO INDUSTRIES INC.	2,332,412		
NOVARTIS AG	2,332,631		
OKABE, KAZUKI	2,332,412		
OSHIMA, MITSUAKI	2,332,405		
PATEL, JAIKRISHNA	2,333,352		
PEET, NORTON P.	2,332,652		
PRICE, ROBIN KEVIN JOHN	2,333,352		
QI, YIHONG	2,328,825		
R.P. SCHERER GMBH	2,332,631		
RAFFAELE, PETER R.	2,325,825		
RESEARCH IN MOTION LIMITED	2,328,825		
ROBERTS FILTER MANUFACTURING COMPANY	2,330,528		
ROBERTS, R. LEE	2,330,528		