

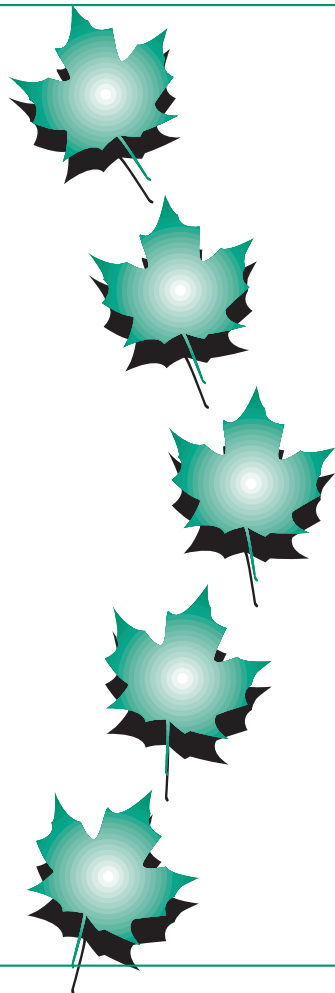


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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 129, No. 13 March 27, 2001

Vol. 129, N° 13 le 27 mars 2001

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Hull, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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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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Téléphone : (819) 997-2985 (de 8h à 16h45 HNE)

Télécopieur : (819) 997-7771 (fonctionne 24 heures sur 24)

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## 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.

A charge of ten dollars (\$10) per paper copy, or four dollars (\$4) per microfiche copy, plus postage and taxes, will apply to copies of all patents supplied.

Those wishing to use the service should open a deposit account with Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

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:

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

## 6. Commandes de brevets par classe ou sous-classe

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## Avis

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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 :

2,154,042 2,170,653  
2,198,642 2,209,836  
2,223,617 2,237,230  
2,285,864 2,295,524

### 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. 1,164,600 which issued on March 27, 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

2,154,042 2,170,653  
2,198,642 2,209,836  
2,223,617 2,237,230  
2,285,864 2,295,524

### 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 27 mars 1984 sont maintenant expirés, jusque et y compris le no. 1,164,600. 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>.

## Avis

### **16. Elimination of paper copies of pink laid-open and white patent grant documents**

As part of CIPO's on-going efforts to automate its search facilities, we stopped maintaining a paper-based search system for patent documents in 1999. Effective February 19, 2001, the paper copies of pink laid-open and white (CBD) patent grant documents are no longer accessible to the public. However, CIPO's Client Service Centre will retain paper copies of patents granted from 1869 to 1920, given they are not yet available for electronic search. The Pre-1920 collection will continue to be available until we capture it electronically.

Client Service Centre

### **17. Reissue Notice**

Please note that the following Patent is being reissued on March 27, 2001. This Patent is published in the chapter Canadian Patents Issued of the current publication.

2,090,306

### **18. Erratum**

Reference to the grant of the following application in the Canadian Patent Office Record of March 20, 2001 was in error. No patent was issued under this number.

2,282,895

### **19. Laid-Open Applications**

The Patent Office Record of March 27, 2001 contains laid-open applications from March 4, 2001 - March 10, 2001.

### **16. Élimination des copies roses des demandes de brevet rendues publiques et des folios de recherche de brevet**

Dans le cadre des efforts que déploie l'OPIC en vue d'automatiser ses installations de recherche, nous avons cessé en 1999 de maintenir le système de recherches sur support papier, c'est-à-dire les copies roses des demandes de brevet rendues publiques et les folios de recherche de brevet. Depuis le 19 février 2001, les copies roses et les folios de recherche ne sont plus accessibles au public. Toutefois, le Centre de services à la clientèle de l'OPIC conservera les folios de recherche de brevet accordé entre 1869 et 1920, étant donné que cette collection n'est pas encore disponible sur support électronique. La collection pré-1920 continuera d'être disponible au public jusqu'à ce qu'elle soit saisie électroniquement.

Le centre de services à la clientèle

### **17. Avis de redélivrance**

Veillez noter que le brevet suivant est redélivré en date du 27 mars 2001. Il est publié dans le chapitre des Brevets canadiens délivrés du présent document.

2,090,306

### **18. Erratum**

Les renseignements fournis sous le numéro de la demande suivante, dans la Gazette du bureau des brevets du 20 mars 2001, étaient erronés. Aucun brevet n'a été émi sous ce numéro.

2,282,895

### **19. 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 4 mars 2001 - 10 mars 2001.

# Canadian Patents Issued

March 27, 2001

## Brevets canadiens délivrés

27 mars 2001

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[11] **1,341,208**  
[13] C

[52] 195-1.20 167-103.34 195-1.235 195-1.33 195-1.35 195-39.1

[51] **Int.Cl. 7C12N 15/12 7C12N 15/63 7C12N 1/00 7C12N 5/10 7A61K 38/37 7C07K 14/755**

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[54] **PROTEINS WITH FACTOR VIII ACTIVITY, PROCESS FOR THEIR PREPARATION USING GENETICALLY ENGINEERED CELLS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**

[54] **PROTEINES A ACTIVITE FACTEUR VIII, PROCEDE POUR LEUR PREPARATION UTILISANT DES CELLULES GENETIQUEMENT MANIPULEES; ET COMPOSITIONS PHARMACEUTIQUES LES RENFERMANT**

[72] Van Ooyen, Albert J.J., NL

[72] Pannekoek, Hans., NL

[72] Verbeet, Martinus P., NL

[72] Van Leen, Robert W.,

[73] BAXTER AKTIENGESELLSCHAFT, AT

[21] **569,359**

[22] 1988-06-13

[30] EP (87201121.8) 1987-06-12

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[11] **1,341,209**  
[13] C

[52] 260-470 44-27 253-100 402-128

[51] **Int.Cl. 5C10L 1/24 5C10M 133/16**

[25] EN

[54] **LUBRICATING OIL COMPOSITIONS AND FUEL COMPOSITIONS CONTAINING SUBSTANTIALLY STRAIGHT CHAIN ALKYLPHENYL POLY(OXYPROPYLENE) AMINOCARBAMATES**

[54] **COMPOSITIONS D'HUILE LUBRIFIANTE ET COMPOSITIONS COMBUSTIBLES CONTENANT DES CHAINES SENSIBLEMENT LINEAIRES D'AMINOCARBAMATE D'ALKYLPHENYL POLY(OXYPROPYLENE)**

[72] Buckley, Thomas F. III, US

[73] CHEVRON RESEARCH COMPANY, US

[21] **569,941**

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[52] 260-233.4 204-91.22 260-235.95 260-350.9 260-446.1

[51] **Int.Cl. 7C07D 321/00 7C07F 9/655 7C07H 15/26**

[25] EN

[54] **SYNTHESIS OF 1, 2-DIOXETANES AND INTERMEDIATES THEREFOR**  
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[72] Edwards, Brooks, US

[72] Bronstein, Irena Y., US

[73] TROPIX, Inc., US

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[52] 195-1.235 167-103.41 195-1.22 195-1.32 195-1.35 530-7.40

[51] **Int.Cl. 7C12N 15/17 7C07K 14/62 7C12N 5/10 7C12N 15/62 7C07K 19/00**

[25] EN

[54] **MINI-PROINSULIN, ITS PREPARATION AND USE**  
[54] **MINI-PROINSULINE, LEUR PREPARATION ET UTILISATION**

[72] Dorschug, Michael, DE

[72] Habermann, Paul, DE

[72] Seipke, Gerhard, DE

[72] Uhlmann, Eugen, DE

[73] HOECHST AKTIENGESELLSCHAFT, DE

[21] **603,638**

[22] 1989-06-22

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[72] Smith, Martin Phillip, GB

[72] Saunders, Colin David, GB

[73] Spandrel Establishment, LI

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[13] C

[51] **Int.Cl. 5B05B 3/02**

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[54] **GICLEUR ROTATIF CONVENANT NOTAMMENT AUX APPAREILS DE NETTOYAGE HAUTE PRESSION**

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March 27, 2001**

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[51] **Int.Cl. 5C09J 7/00 5C09J 183/04**  
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ADHESIVE/RELEASE LINER  
LAMINATE**  
[54] **BANDE AUTOADHESIVE AVEC  
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[73] DOW CORNING CORPORATION, US  
[22] 1989-11-02  
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[51] **Int.Cl. 5A61K 31/35**  
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[54] **TREATMENT METHODS AND  
VACCINES FOR STIMULATING AN  
IMMUNE RESPONSE**  
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[72] Bisaccia, Emil, US  
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[51] **Int.Cl. 5C12P 21/08 5C12N 5/18  
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[54] **ASSAY FOR BONE ALKALINE  
PHOSPHATASE**  
[54] **DOSAGE DE LA PHOSPHATASE  
ALCALINE DES OS**  
[72] Hill, Craig S., US  
[72] Wolfert, Robert L., US  
[73] Hybritech Incorporated, US  
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[54] **ADAPTATEURS DE CATHETER**  
[72] Gross, James R., US  
[73] Kendall Company (The), US  
[22] 1990-01-23  
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[54] **CATHODIC  
ELECTRODEPOSITABLE COATINGS  
CONTAINING HYDROPHOBIC DYES**  
[54] **COUCHES A DEPOT  
CATHODIQUE CONTENANT DES  
COLORANTS HYDROPHOBES**  
[72] Clark, Peter D., US  
[72] Panush, Sol, US  
[72] Sell, Burnell A., US  
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[73] BASF CORPORATION, US  
[22] 1990-01-31  
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5G06F 15/46**  
[25] EN  
[54] **DATA LOADING AND  
DISTRIBUTING PROCESS AND  
APPARATUS FOR CONTROL OF A  
PATTERNING PROCESS**  
[54] **METHODE DE CHARGEMENT ET  
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[72] Johnson, Harold Lee, Jr., US  
[73] MILLIKEN & COMPANY, US  
[22] 1990-02-26  
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[51] **Int.Cl. 5H01K 1/42**  
[25] EN  
[54] **FILAMENT ALIGNMENT SPUD  
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[54] **DISPOSITIF SERVANT A  
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[72] Bergman, Rolf S., US  
[72] Harris, William O., US  
[73] GENERAL ELECTRIC COMPANY,  
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[54] **IMPROVED FLOATING SUCTION  
HEAD ASSEMBLY**  
[54] **FLOTTEUR DE TUYAU  
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[72] Truitt, Gary A., US  
[72] Shiuey, Shian-Jan, US  
[72] Hennessy, Bernard M., US  
[72] Baggiolini, Enrico G., US  
[72] Uskokovic, Milan R., US  
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[54] **FICHE CYLINDRIQUE PERCE-ISOLANT**  
[72] Shay, Francis Joseph, US  
[72] Robertson, James William, US  
[72] Loose, Winfield Warren, US  
[73] AMP Incorporated, US  
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[13] C

[51] **Int.Cl. 5C03B 23/025 5C03C 17/02 5C03B 27/044 5C03B 29/08**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF D'OBTENTION DE FEUILLES DE VERRE BOMBEES ET/OU EMAILLEES**  
[54] **PROCESS AND DEVICE FOR THE MAKING OF CURVED AND ENAMELED GLASS SHEETS**  
[72] Mathivat, Denis, FR  
[72] Malard, François, FR  
[72] Letemps, Bernard, FR  
[73] SAINT-GOBAIN VITRAGE INTERNATIONAL, FR  
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[54] **HYDROPHOBICALLY MODIFIED HYDROXYBUTYL ETHERS OF POLYGALACTOMANNAN**  
[54] **POLYGALACTOMANNANE RENFERMANT UN ETHER HYDROXYBUTYLIQUE ET UN AGENT HYDROPHOBE COMME SUBSTITUANTS**  
[72] Zody, George M., US  
[72] Morgan, Michael E., US  
[73] RHODIA INC., US  
[22] 1990-08-14  
[30] US (546,560) 1990-06-29

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[51] **Int.Cl. 5H02G 5/10 5H02B 1/20**  
[25] EN  
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[54] **SYSTEME DE BARRES BLINDEES VENTILEES A RENDEMENT THERMIQUE ACCRU**  
[72] Hibbert, David Alan, US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1990-08-16  
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[51] **Int.Cl. 5C08G 18/28 5C09D 175/00 5B05D 7/14**  
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[54] **THERMAL BREAK SYSTEMS**  
[54] **ISOLANTS THERMIQUES**  
[72] Loring, Robert M., US  
[72] Pamosina, Michael F., II, US  
[72] Clatty, Jan L. R., US  
[72] Nodelman, Neil H., US  
[73] BAYER CORPORATION, US  
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[51] **Int.Cl. 5A47K 13/00**  
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[54] **RAISED SUPERIMPOSED TOILET SEAT AND SECURING CLAMP**  
[54] **SIEGE DE TOILETTE SURELEVE ET SUPERPOSABLE ET DISPOSITIF DE FIXATION**  
[72] Locarno, Michael M., US  
[73] Bel-Art Products, Inc., US  
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[51] **Int.Cl. 5C07C 209/60 5C07C 211/08 5C07C 209/86**  
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[54] **PROCESS FOR THE PREPARATION OF N,N-DIMETHYLAMINE**  
[54] **PROCEDE DE PREPARATION DE LA N,N-DIMETHYLAMINE**  
[72] Kampmann, Detlef, DE  
[72] Lukas, Rainer, DE  
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[73] CELANESE GMBH, DE  
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[54] **DISPOSITIF ANTI-VIDE TRANSFORMABLE, POUVANT ETRE ADAPTE A DIVERS TYPES DE RESEAUX**  
[72] Brewer, John L., US  
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[73] CMB Industries, US  
[22] 1990-12-18  
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[13] C  
[51] **Int.Cl. 5C07D 403/12 5C07D 401/14 5C07D 409/14 5A61K 31/40 5A61K 31/44**  
[25] EN  
[54] **INDOLYLPROPANOLS, PROCESS FOR THEIR PREPARATION AND THEIR USE AND PREPARATIONS CONTAINING THE COMPOUNDS**  
[54] **INDOLYLPROPANOLS; METHODE DE PREPARATION ET UTILISATION; MELANGES A BASE DE CES COMPOSES**  
[72] Stenzel, Wolfgang, DE  
[72] Armah, Ben, DE  
[73] Beiersdorf-Lilly GmbH, DE  
[22] 1991-01-08  
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[51] **Int.Cl. 5A01N 1/02**  
[25] EN  
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[54] **PROCEDE DE CRYOPRESERVATION POUR LE TRANSFERT DIRECT D'EMBRYONS**  
[72] Voelkel, Steven A., US  
[73] INFIGEN, INC., US  
[22] 1991-01-11  
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[13] C  
[51] **Int.Cl. 5B60J 10/00**  
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[54] **SYSTEME D'OBTURATION VARIABLE**  
[72] Keys, James Frederick, US  
[72] Larsen, Douglas Charles, US  
[73] Standard Products Company (The), US  
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[51] **Int.Cl. 5F16G 13/08 5F16G 13/04**  
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[54] **CHAINE DE TRANSMISSION**  
[72] Orth, Kevin W., US  
[73] BORG-WARNER AUTOMOTIVE, INC., US  
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[72] Mott, Philip J., US  
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[22] 1991-01-24  
[30] US (496,461) 1990-03-20

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[13] C  
[51] **Int.Cl. 5B01D 3/14 5B01J 4/00 5B01J 10/00**  
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[54] **VAPOR HORN**  
[54] **DISPOSITIF D'ACHEMINEMENT DE LA VAPEUR, EN FORME DE CORNE**  
[72] Holmes, Tim, US  
[72] Chen, Gilbert, US  
[72] Lee, Adam, US  
[73] KOCH (CYPRUS) LIMITED, US  
[22] 1991-01-29  
[30] US (472,835) 1990-01-31

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[51] **Int.Cl. 5F16G 13/08**  
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[54] **CHAIN-BELT**  
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[72] Mott, Philip J., US  
[72] Updike, Roger K., Sr., US  
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[73] BORG-WARNER AUTOMOTIVE TRANSMISSION AND ENGINE COMPONENTS CORPORATION, US  
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[51] **Int.Cl. 5H01S 3/07 5H01S 3/09A**  
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[54] **AMPLIFICATEUR DE SIGNAUX OPTIQUE A GUIDE DE LUMIERE INTEGRE**  
[72] Lermينياux, Christian, FR  
[72] Laborde, Pascale, FR  
[72] Benveniste, Carlos Obadia Nissim, FR  
[72] Hall, Douglas Warren, US  
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[73] CORNING INCORPORATED, US  
[22] 1991-01-31  
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[51] **Int.Cl. 5A61K 9/72 5A61K 43/00 5A61K 49/00**  
[25] EN  
[54] **LIQUID LAVAGE/VENTILATION OF THE PULMONARY SYSTEM**  
[54] **VENTILATION/LAVAGE LIQUIDE DES POUMONS**  
[72] Sekins, K. Michael, US  
[72] Shaffer, Thomas H., US  
[72] Wolfson, Marla R., US  
[73] Temple University - of the Commonwealth System of Higher Education, US  
[73] ALLIANCE PHARMACEUTICAL CORP., US  
[22] 1991-02-01  
[30] US (495,817) 1990-03-19

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[11] **2,036,062**  
[13] C  
[51] **Int.Cl. 5B01D 53/34 5B01D 53/14**  
[25] EN  
[54] **REMOVING SOLIDS, HALOIC ACID, COS AND H2S FROM A FEED GAS**  
[54] **EXTRACTION DES MATIERES, D'ACIDE HALOIQUE, DE COS ET DE H2S CONTENUS DANS UN GAZ D'ALIMENTATION**  
[72] Bowman, David Frederick, NL  
[73] SHELL CANADA LIMITED, CA  
[22] 1991-02-11  
[30] GB (9003092.5) 1990-02-12

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[11] **2,041,028**  
[13] C

[51] **Int.Cl. 5E01C 19/28 5G05D 19/02**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONTROLLING A VIBRATORY TOOL**  
[54] **APPAREIL ET METHODE DE CONTROLE D'UN OUTIL A VIBRATIONS**  
[72] Quibel, Alain Jean, FR  
[72] Aubourg, Michel Maurice, FR  
[72] Froumentin, Michel Henri, FR  
[72] Divay, Rene Gilbert, FR  
[73] Caterpillar Paving Products Inc., US  
[22] 1991-04-23  
[30] EP (90401414.9) 1990-05-28

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[11] **2,042,219**  
[13] C

[51] **Int.Cl. 5C22F 1/18**  
[25] EN  
[54] **PROCESS OF FORMING NIOBIUM AND BORON CONTAINING TITANIUM ALUMINIDE**  
[54] **PROCEDE DE FORMATION D'ALUMINIURE DE TITANE CONTENANT DU NIOBIUM ET DU BORE**  
[72] Huang, Shyh-Chin, US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1991-05-09  
[30] US (589,823) 1990-09-26

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[11] **2,042,946**  
[13] C

[51] **Int.Cl. 5G02B 7/24 5G02B 6/26**  
[25] EN  
[54] **COMBINED MICROWAVE AND OPTIC ROTARY JOINT**  
[54] **JOINT ROTATIF COMBINE HYPERFREQUENCE-FIBRE OPTIQUE**  
[72] Andrieu, François, FR  
[72] Jacquemet, André, FR  
[72] Gérard, Philippe, FR  
[73] THOMSON-CSF, FR  
[22] 1991-05-21  
[30] FR (90 06385) 1990-05-22

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[11] **2,044,170**  
[13] C

[51] **Int.Cl. 5A61L 15/44**  
[25] EN  
[54] **BREATHABLE BACKING**  
[54] **SUPPORT PERMEABLE A L'AIR**  
[72] Sablotsky, Steven, US  
[72] Gentile, Cheryl M., US  
[73] Noven Pharmaceuticals, Inc., US  
[85] 1991-06-07  
[86] 1990-01-10 (PCT/US90/00241)  
[87] (WO90/07939)  
[30] US (295,788) 1989-01-11

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[11] **2,045,229**  
[13] C

[51] **Int.Cl. 5F01P 7/16**  
[25] EN  
[54] **SEALING THERMOSTAT FOR VEHICLE COOLING SYSTEMS**  
[54] **THERMOSTAT ETANCHE POUR RESEAU DE REFROIDISSEMENT DE VEHICULE**  
[72] Fishman, Joseph, CA  
[73] Transcedar Industries Limited, CA  
[22] 1991-06-21

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[11] **2,045,526**  
[13] C

[51] **Int.Cl. 5C01B 31/36 5C04B 35/56**  
[25] EN  
[54] **PROCESS FOR PREPARING SILICON CARBIDE**  
[54] **PROCEDE DE PREPARATION DE CARBURE DE SILICIUM**  
[72] Weimer, Alan W., US  
[72] Moore, William G., US  
[72] Rafaniello, William, US  
[72] Roach, Raymond P., US  
[73] OMG AMERICAS, INC., US  
[85] 1991-07-10  
[86] 1990-01-11 (PCT/US90/00276)  
[87] (WO90/08105)  
[30] US (PCT/US89/00114) 1989-01-11

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[11] **2,046,373**  
[13] C

[51] **Int.Cl. 5C07D 303/44 5C07C 233/20 5C07C 327/28 5C07D 317/30 5C07C 69/54**  
[25] FR  
[54] **PROCEDE D'EPOXYDATION SELECTIVE DE (METH)-ACRYLATES INSATURES, NOUVEAUX (METH)ACRYLATES FONCTIONNELS OBTENUS ET LEUR APPLICATION A LA SYNTHESE DE NOUVEAUX POLYMERES**  
[54] **PROCEDE FOR SELECTIVE EPOXIDATION OF UNSATURATED (METH)-ACRYLATES, NOVEL FUNCTIONAL (METH)ACRYLATES THUS OBTAINED, AND APPLICATION TO THE SYNTHESIS OF NOVEL POLYMERS**  
[72] Caubere, Paul, FR  
[72] Fort, Yves, FR  
[72] Ortar, Agnès, FR  
[73] ATOCHEM, FR  
[22] 1991-07-05  
[30] FR (90.08607) 1990-07-06

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[11] **2,046,845**  
[13] C

[51] **Int.Cl. 5A61K 9/22**  
[25] EN  
[54] **SUSTAINED-RELEASE TABLET**  
[54] **COMPRIME A EFFET PROLONGE**  
[72] Okada, Minoru, JP  
[72] Hayashi, Tetsuo, JP  
[72] Kasai, Shuichi, JP  
[72] Iwasa, Akira, JP  
[73] SS Pharmaceutical Co., Ltd., JP  
[22] 1991-07-11  
[30] JP (197019/90) 1990-07-25

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[11] **2,046,916**  
[13] C

[51] **Int.Cl. 5A61K 31/70 5C07H 21/00 5A61K 35/28**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF CANCER USING OLIGONUCLEOTIDES**  
[54] **METHODES DE TRAITEMENT DU CANCER AU MOYEN D'OLIGONUCLEOTIDES, ET COMPOSITIONS**  
[72] Smith, Larry J., US  
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[22] 1990-01-24  
[30] US (311,096) 1989-02-15



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[13] C  
[51] **Int.Cl. 5C05F 3/06**  
[25] EN  
[54] **METHOD FOR MANUFACTURING OF ORGANIC FERTILIZERS AND DEVICE THEREOF**  
[54] **METHODE ET DISPOSITIF DE PRODUCTION D'ENGRAIS ORGANIQUES**  
[72] Inoue, Satoshi, JP  
[73] Inoue, Satoshi, JP  
[85] 1991-08-22  
[86] 1990-06-26 (PCT/JP90/00825)  
[87] (WO92/00259)

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[11] **2,047,271**  
[13] C  
[51] **Int.Cl. 5G01F 1/00**  
[25] EN  
[54] **VOLUMETRIC METER FOR LIQUIDS AND/OR GASES**  
[54] **COMPTEUR VOLUMETRIQUE POUR LIQUIDES ET (OU) GAZ**  
[72] Bergamini, Giorgio, IT  
[72] Paris, Ernesto, IT  
[73] Nuovopignone - Industrie Meccaniche e Fonderia S.p.A., IT  
[22] 1991-07-17  
[30] IT (21156 A/90) 1990-08-01

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[11] **2,049,310**  
[13] C  
[51] **Int.Cl. 5H04N 7/167**  
[25] EN  
[54] **EXTERNAL SECURITY MODULE FOR A TELEVISION SIGNAL DECODER**  
[54] **MODULE DE SECURITE POUR DECODEUR DE SIGNAUX DE TELEVISION**  
[72] Gammie, Keith Beverly, CA  
[73] SCIENTIFIC-ATLANTA, INC., US  
[85] 1991-09-27  
[86] 1991-01-30 (PCT/US91/00501)  
[87] (WO91/11884)  
[30] US (473,442) 1990-02-01

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[11] **2,050,254**  
[13] C  
[51] **Int.Cl. 5H03K 3/353**  
[25] EN  
[54] **LOW POWER OSCILLATOR CIRCUITS**  
[54] **CIRCUITS OSCILLANTS A FAIBLE PUISSANCE**  
[72] Kohler, Raymond H., US  
[73] Moore Products Co., US  
[22] 1991-08-29  
[30] US (746,353) 1991-08-16

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[11] **2,050,837**  
[13] C  
[51] **Int.Cl. 5B32B 27/30**  
[25] EN  
[54] **POLYMER MIXTURE**  
[54] **MELANGE POLYMERIQUE**  
[72] Gillio-Tos, Mario, IT  
[72] Mugnai, Giorgio, IT  
[73] CRYOVAC, INC., US  
[22] 1991-09-06  
[30] GB (9019610.6) 1990-09-07

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[11] **2,052,700**  
[13] C  
[51] **Int.Cl. 5B32B 27/08 5B32B 7/12 5B41M 5/40**  
[25] EN  
[54] **LAMINATE SHEET AND CARD**  
[54] **FEUILLE LAMINEE ET CARTE**  
[72] Hiroi, Junichi, JP  
[73] Dai Nippon Printing Co., Ltd., JP  
[22] 1991-10-03  
[30] JP (265109/1990) 1990-10-04

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[11] **2,053,052**  
[13] C  
[51] **Int.Cl. 5B60N 2/16**  
[25] EN  
[54] **VEHICLE SEAT ASSEMBLY INCLUDING HEIGHT ADJUSTMENT MECHANISM**  
[54] **ASSEMBLAGE DE SIEGE DE VEHICULE COMPRENANT UN MECANISME DE REGLAGE DE LA HAUTEUR**  
[72] VanDuser, Harold, US  
[73] SEATS INCORPORATED, US  
[22] 1991-10-09  
[30] US (638,778) 1991-01-08

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[11] **2,053,906**  
[13] C  
[51] **Int.Cl. 5F16K 43/00**  
[25] EN  
[54] **NARROW ACCESSWAY LIQUID SEWAGE PUMP REMOTELY OPERABLE MULTI-PART QUICK CONNECT/DISCONNECT SLIDE COUPLING**  
[54] **RACCORD GLISSANT MULTIPIECE A BRANCHEMENT/ DEBRANCHEMENT RAPIDES, COMMANDE A DISTANCE, POUR POMPE D'EAUX USEES INSTALLEE DANS DES ESPACES DIFFICILES D'ACCES**  
[72] Henry, Clark A., US  
[72] Cabahug, Eric F., US  
[72] Cooley, Jack L., US  
[72] Grace, Richard C., US  
[73] Environment/One Corporation, US  
[85] 1991-10-29  
[86] 1991-01-18 (PCT/US91/00414)  
[87] (WO91/11645)  
[30] US (468,690) 1990-01-23

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[11] **2,054,337**  
[13] C  
[51] **Int.Cl. 5G02F 1/035**  
[25] EN  
[54] **APPARATUS AND METHOD FOR EXTERNALLY MODULATING AN OPTICAL CARRIER**  
[54] **APPAREIL ET METHODE DE MODULATION DE PORTEUSES LUMINEUSES**  
[72] Trisno, Yudhi, US  
[73] GENERAL INSTRUMENT CORPORATION, US  
[22] 1991-10-28  
[30] US (07/609,808) 1990-11-06

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[11] **2,056,215**  
[13] C

[51] **Int.Cl. 5B01J 23/89 5C10G 45/08 5C10G 45/10**  
[25] EN  
[54] **NOBLE METAL SUPPORTED HYDROTREATING CATALYSTS AND PROCESS**  
[54] **CATALYSEUR D'HYDROTRAITEMENT A METAUX NOBLES ET PROCEDE CONNEXE**  
[72] Singhal, Gopal Hari, US  
[72] Winter, William Edward, Jr., US  
[72] Riley, Kenneth Lloyd, US  
[72] Trachte, Kenneth Lee, US  
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1991-11-26  
[30] US (631,301) 1990-12-18  
[30] US (631,303) 1990-12-18

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[11] **2,057,005**  
[13] C

[51] **Int.Cl. 5C09K 7/02**  
[25] EN  
[54] **USE OF SELECTED OLEOPHILIC ALCOHOLS IN WATER-BASED DRILLING FLUIDS OF THE O/W EMULSION TYPE AND CORRESPONDING DRILLING FLUIDS WITH IMPROVED ECOLOGICAL ACCEPTABILITY**  
[54] **UTILISATION D'ALCOOLS OLEOPHILES SELECTIONNES, DANS DES FLUIDES DE FORAGE A BASE D'EAU DE TYPE EMULSION HUILE-EAU; FLUIDES DE FORAGE AINSI OBTENUS, PLUS ACCEPTABLES DU POINT DE VUE ENVIRONNEMENTAL**  
[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] 1991-11-15  
[86] 1990-05-07 (PCT/EP90/00735)  
[87] (WO90/14401)  
[30] DE (P 39 15 875.6) 1989-05-16

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[11] **2,058,440**  
[13] C

[51] **Int.Cl. 5F26B 1/00 5F26B 5/00**  
[25] EN  
[54] **USE OF MIXED HYDROXY ETHERS AS AIDS FOR DRYING SOLIDS MATERIALS**  
[54] **UTILISATION DE MELANGES D'ETHERS-OXYDES HYDROXYLES POUR FACILITER LE SECHAGE DE MATIERES SOLIDES**  
[72] Koester, Rita, DE  
[72] Liphard, Maria, DE  
[72] Schenker, Gilbert, DE  
[73] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 1991-12-05  
[86] 1990-05-28 (PCT/EP90/00851)  
[87] (WO90/15295)  
[30] DE (P 39 18 274.6) 1989-06-05

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[11] **2,058,686**  
[13] C

[51] **Int.Cl. 5F16K 24/00**  
[25] EN  
[54] **ATMOSPHERIC COMPENSATING AUTOMATIC AIR RELEASE VALVE**  
[54] **SOUPAPE D'AIR A OUVERTURE AUTOMATIQUE CONTROLEE PAR LA PRESSION ATMOSPHERIQUE**  
[72] Sabalvaro, Vincent M., III, US  
[72] Di Lorenzo, Ralph, US  
[73] Valve and Primer Corporation, US  
[22] 1992-01-02

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[11] **2,059,935**  
[13] C

[51] **Int.Cl. 5H02M 7/44 5H02M 3/137**  
[25] EN  
[54] **HIGH POWER FACTOR POWER SUPPLY**  
[54] **BLOC D'ALIMENTATION ELECTRIQUE A HAUT FACTEUR DE PUISSANCE**  
[72] Steigerwald, Robert Louis, US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1992-01-23  
[30] US (652,831) 1991-02-08

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[11] **2,060,169**  
[13] C

[51] **Int.Cl. 5F16M 13/00**  
[25] EN  
[54] **TEMPORARY TRANSMISSION/ENGINE SUPPORT SYSTEM**  
[54] **SYSTEME DE SUPPORT TEMPORAIRE POUR GROUPE MOTOPROPULSEUR**  
[72] Gibbs, Myron F., US  
[73] Gibbs, Myron F., US  
[22] 1992-01-28  
[30] US (07/684,653) 1991-04-12

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[11] **2,064,763**  
[13] C

[51] **Int.Cl. 5G01R 33/28 5G01N 24/08 5G01R 33/40**  
[25] EN  
[54] **RESONANT CAVITIES FOR NMR**  
[54] **CAVITES RESONNANTES POUR RMN**  
[72] Mansfield, Peter, GB  
[73] BTG INTERNATIONAL LIMITED, GB  
[85] 1992-02-10  
[86] 1990-08-10 (PCT/GB90/01259)  
[87] (WO91/02261)  
[30] GB (8918412.1) 1989-08-11  
[30] GB (9004593.1) 1990-03-01

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[11] **2,065,046**  
[13] C

[51] **Int.Cl. 5C08J 11/06 5C08F 6/04**  
[25] EN  
[54] **POLYMER RECYCLING BY SELECTIVE DISSOLUTION**  
[54] **RECYCLAGE DE POLYMERE PAR DISSOLUTION SELECTIVE**  
[72] Nauman, E. Bruce, US  
[72] Lynch, Jerry C., US  
[73] RENSSELAER POLYTECHNIC INSTITUTE, US  
[85] 1992-02-17  
[86] 1990-08-29 (PCT/US90/04904)  
[87] (WO91/03515)  
[30] US (07/406,087) 1989-09-11

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[11] 2,065,710  
[13] C

[51] Int.Cl. 5H02K 15/02  
[25] EN  
[54] GRIPPER APPARATUS FOR  
ELECTRIC MOTOR COMPONENTS  
[54] APPAREIL PREHENSEUR  
D'ELEMENTS DE MOTEUR  
ELECTRIQUE  
[72] Andorlini, Giuseppe, IT  
[72] Santandrea, Luciano, IT  
[73] Axis USA, Inc., US  
[22] 1992-04-09  
[30] US (683,195) 1991-04-10

[11] 2,065,860  
[13] C

[51] Int.Cl. 5A61K 39/395 6A61K 38/18  
6C07K 16/22 5G01N 33/74  
[25] EN  
[54] INHIBITING TRANSFORMING  
GROWTH FACTOR .BETA. TO  
PREVENT ACCUMULATION OF  
EXTRACELLULAR MATRIX  
[54] INHIBITION DU FACTEUR DE  
CROISSANCE TRANSFORMANT  
.BETA. POUR PREVENIR  
L'ACCUMULATION DE MATRICE  
EXTRACELLULAIRE  
[72] Ruoslahti, Erkki I., US  
[72] Border, Wayne A., US  
[73] La Jolla Cancer Research Foundation,  
US  
[85] 1992-03-11  
[86] 1990-09-27 (PCT/US90/05566)  
[87] (WO91/04748)  
[30] US (415,081) 1989-09-29  
[30] US (416,656) 1989-10-03

[11] 2,066,392  
[13] C

[51] Int.Cl. 5H03B 5/00 5H03C 3/02  
5H03B 5/12  
[25] EN  
[54] OSCILLATOR CIRCUIT  
[54] CIRCUIT OSCILLANT  
[72] Fenk, Josef, DE  
[73] SIEMENS AKTIENGESELLSCHAFT,  
DE  
[22] 1992-04-16  
[30] EP (91106336.0) 1991-04-19

[11] 2,067,354  
[13] C

[51] Int.Cl. 5H04L 12/26 5H04B 17/00  
5H04L 29/02  
[25] EN  
[54] COLLISION DETECTION USING  
CODE RULE VIOLATIONS OF THE  
MANCHESTER CODE  
[54] METHODE ET DISPOSITIF POUR  
LA DETECTION DES COLLISIONS A  
PARTIR DES INFRACTIONS AU CODE  
DE TRANSMISSION BIPHASE  
[72] Heegard, Chris, US  
[73] CODENOLL TECHNOLOGY  
CORPORATION, US  
[85] 1992-04-02  
[86] 1990-10-02 (PCT/US90/05601)  
[87] (WO91/05416)  
[30] US (416,282) 1989-10-02

[11] 2,071,174  
[13] C

[51] Int.Cl. 5C08L 3/04 5C08L 67/00  
5C08L 77/00  
[25] EN  
[54] STARCH/POLYMER MIXTURE,  
PROCESS FOR THE PREPARATION  
THEREOF, AND PRODUCTS  
OBTAINABLE THEREFROM  
[54] MELANGE AMIDON/POLYMERE,  
PROCEDE D'OBTENTION ET  
PRODUITS OBTENUS  
[72] Buehler, Friedrich Severin, CH  
[72] Schmid, Eduard, CH  
[72] Schultze, Hans-Joachim, CH  
[73] EMS-Inventa AG, CH  
[22] 1992-06-12  
[30] DE (P 41 19 915) 1991-06-17

[11] 2,072,118  
[13] C

[51] Int.Cl. 5F01D 25/30 5F01N 1/02  
[25] EN  
[54] DUAL FLOW TURBINE ENGINE  
MUFFLER  
[54] SILENCIEUX DE TURBOMOTEUR  
A DOUBLE CIRCULATION  
[72] Ross, David F., US  
[72] Royalty, Charles M., US  
[73] ALLIED-SIGNAL, INC., US  
[85] 1992-04-28  
[86] 1990-11-15 (PCT/US90/06686)  
[87] (WO91/08379)  
[30] US (442,378) 1989-11-28

[11] 2,072,623  
[13] C

[51] Int.Cl. 5A61K 9/70 5A61K 47/32  
5A61L 15/58  
[25] EN  
[54] BIOADHESIVE COMPOSITION  
AND PATCH  
[54] COMPOSITION BIOADHESIVE ET  
PIECE  
[72] Scholz, Matthew T., US  
[72] Scherrer, Robert A., US  
[72] Marecki, Nelda M., US  
[72] Barkhaus, Joan K., US  
[72] Chen, Yen-Lane, US  
[73] Riker Laboratories, Inc., US  
[73] Riker Laboratoires, Inc., US  
[85] 1992-05-01  
[86] 1990-11-02 (PCT/US90/06505)  
[87] (WO91/06290)  
[30] US (07/431,664) 1989-11-03

[11] 2,073,350  
[13] C

[51] Int.Cl. 5C12N 9/22 6A61K 38/46  
[25] EN  
[54] RIBONUCLEASE DIMERS AND  
METHOD OF PREPARING THEM  
[54] DIMERES DE RIBONUCLEASES  
ET METHODE DE PREPARATION  
CORRESPONDANTE  
[72] Herrmann, Peter, CH  
[72] Klein, Peter, CH  
[73] Nika Health Products, Ltd., LI  
[85] 1992-07-07  
[86] 1990-01-08 (PCT/US90/00141)  
[87] (WO91/10730)

[11] 2,075,058  
[13] C

[51] Int.Cl. 5A61K 9/72 5A61K 31/00  
5A61K 9/12  
[25] EN  
[54] NOVEL VEHICLE GAS MIXTURES  
AND THEIR USE IN MEDICAL  
PREPARATIONS  
[54] MELANGES D'ESSENCE POUR  
VEHICULE ET LEUR UTILISATION  
DANS DES PREPARATIONS  
MEDICALES  
[72] Weil, Hans-Hermann, DE  
[72] Daab, Ottfried, DE  
[73] BOEHRINGER INGELHEIM  
INTERNATIONAL GMBH, DE  
[85] 1992-07-30  
[86] 1991-01-31 (PCT/EP91/00177)  
[87] (WO91/11495)  
[30] DE (P 40 03 272.8) 1990-02-03

**Brevets canadiens délivrés  
27 mars 2001**

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[11] **2,076,038**  
[13] C

[51] **Int.Cl. 5C08L 67/04 5D21H 19/28 5D21H 17/53 5D21H 19/62**  
[25] EN  
[54] **POLY.BETA.HYDROXYALKANOATES FOR USE IN FIBRE CONSTRUCTS AND FILMS**  
[54] **POLY.BETA.HYDROXYALCANOATES POUR LA FABRICATION DE PELLICULES OU DE PAPIERS**  
[72] Marchessault, Robert Henry, CA  
[72] Lepoutre, Pierre F., US  
[72] Wrist, Peter E., CA  
[73] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA  
[73] ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING (McGILL UNIVERSITY), CA  
[85] 1992-08-17  
[86] 1990-02-21 (PCT/CA90/00058)  
[87] (WO91/13207)

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[11] **2,076,540**  
[13] C

[51] **Int.Cl. 5C12N 15/62 5C12P 21/08 5C12N 15/13 6C07K 16/24 5A61K 39/395 5G01N 33/566 5G01N 33/577**  
[25] EN  
[54] **RECOMBINANT ANTIBODIES SPECIFIC FOR TNF-.ALPHA.**  
[54] **ANTICORPS RECOMBINANTS SPECIFIQUES A TNF-.ALPHA.**  
[72] Adair, John Robert, GB  
[72] Athwal, Diljeet Singh, GB  
[72] Emtage, John Spencer, GB  
[72] Bodmer, Mark William, GB  
[73] CELLTECH THERAPEUTICS LIMITED, GB  
[85] 1992-08-20  
[86] 1991-12-20 (PCT/GB91/02300)  
[87] (WO92/11383)  
[30] GB (PCT/GB90/02017) 1990-12-21  
[30] GB (9109645.3) 1991-05-03

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[11] **2,079,425**  
[13] C

[51] **Int.Cl. 5B29B 7/90**  
[25] EN  
[54] **METHOD OF MAKING COMPRESSION MOLDED PRODUCTS**  
[54] **METHODE DE FABRICATION D'ARTICLES MOULES PAR COMPRESSION**  
[72] Ingram, Keith W., US  
[72] Miller, Timothy W., US  
[73] OWENS-ILLINOIS CLOSURE INC., US  
[22] 1992-09-29  
[30] US (773,167) 1991-10-08

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[11] **2,079,666**  
[13] C

[51] **Int.Cl. 5G11B 5/265**  
[25] EN  
[54] **RECORDING AND REPRODUCING APPARATUS**  
[54] **APPAREIL D'ENREGISTREMENT ET DE LECTURE**  
[72] Ishida, Takehisa, JP  
[73] SONY CORPORATION, JP  
[22] 1992-10-01  
[30] JP (P275724/91) 1991-10-23

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[11] **2,081,450**  
[13] C

[51] **Int.Cl. 6C07K 7/06 6A61K 38/04 6C07K 7/08 6A61K 38/09 6C07K 7/23 6A61K 38/31 6C07K 14/655**  
[25] EN  
[54] **BIOLOGICALLY ACTIVE PEPTIDES CONTAINING D-2-ALKYLTRYPTOPHAN**  
[54] **PEPTIDES BIOLOGIQUEMENT ACTIFS RENFERMANT DU (+)-2-ALKYLTRYPTOPHANE**  
[72] Deghenghi, Romano, CH  
[73] Deghenghi, Romano, CH  
[85] 1992-10-26  
[86] 1991-04-17 (PCT/EP91/00727)  
[87] (WO91/18016)  
[30] IT (20273 A/90) 1990-05-11

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[11] **2,082,263**  
[13] C

[51] **Int.Cl. 5H02P 3/12**  
[25] EN  
[54] **CHOPPER CIRCUIT FOR DYNAMIC BRAKING IN AN ELECTRIC POWER CONVERSION SYSTEM**  
[54] **CIRCUIT INTERRUPTEUR POUR FREINAGE DYNAMIQUE D'UN SYSTEME DE CONVERSION DE L'ENERGIE ELECTRIQUE**  
[72] Kumar, Ajith Kuttannair, US  
[73] GENERAL ELECTRIC COMPANY, US  
[85] 1992-11-05  
[86] 1992-01-24 (PCT/US92/00596)  
[87] (WO92/17935)  
[30] US (676,643) 1991-03-28

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[11] **2,082,320**  
[13] C

[51] **Int.Cl. 5H01R 9/22**  
[25] EN  
[54] **MOVABLE SHROUD CENTER STANDOFF**  
[54] **ENTRETOISE CENTRALE POUR ENVELOPPE AMOVIBLE**  
[72] Lenzi, George, US  
[72] Kabat, Zbigniew, US  
[72] Walton, Richard A., US  
[73] AG COMMUNICATION SYSTEMS CORPORATION, US  
[22] 1992-11-06  
[30] US (846,104) 1992-03-05

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[11] **2,084,125**  
[13] C

[51] **Int.Cl. 5B63B 11/00 5B63B 9/00**  
[25] EN  
[54] **SHIP, IN PARTICULAR MERCHANT SHIP**  
[54] **NAVIRE, EN PARTICULIER NARIVRE MARCHAND**  
[72] Wilts, Johann, DE  
[73] Thyssen Nordseewerke GmbH, DE  
[22] 1992-11-30  
[30] DE (P 41 39 542.5) 1991-11-30

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[11] **2,084,965**  
[13] C

[51] **Int.Cl. 5B29C 65/02 5B23D 21/00**  
[25] EN  
[54] **METHOD FOR MAKING A JOINT BETWEEN A MAIN PIPE AND A BRANCH PIPE AND APPARATUS FOR USE IN THE METHOD**  
[54] **METHODE SERVANT A FABRIQUER UN JOINT ENTRE UNE CONDUITE PRINCIPALE ET UN EMBRANCHEMENT, ET APPAREIL CONNEXE**  
[72] Yamada, Yonekazu, JP  
[72] Yoshino, Yutaka, JP  
[72] Kitada, Mitsuhira, JP  
[72] Seki, Kazuo, JP  
[73] Sekisui Kagaku Kogyo Kabushiki Kaisha, JP  
[22] 1992-12-09  
[30] JP (325636/1991) 1991-12-10  
[30] JP (30579/1992) 1992-02-18  
[30] JP (190731/1992) 1992-07-17  
[30] JP (246263/1992) 1992-09-16  
[30] JP (252572/1992) 1992-09-22  
[30] JP (252573/1992) 1992-09-22

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[11] **2,087,512**  
[13] C

[51] **Int.Cl. 5B29D 22/00 5B29C 51/00 5B29C 51/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE THERMOFORMING AND STACKING OF HOLLOW OBJECTS INCORPORATING A BASE FORMED FROM THERMOPLASTICS SHEET MATERIAL**  
[54] **METHODE ET EQUIPEMENT DE THERMOFORMAGE ET D'EMPILAGE D'OBJETS FORMES A PARTIR DE FEUILLES THERMOPLASTIQUES**  
[72] Padovani, Pietro, IT  
[73] ISAP OMV GROUP Spa, IT  
[22] 1993-01-18  
[30] IT (VR92A000012) 1992-02-03

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[11] **2,090,306**  
[13] E

[51] **Int.Cl. 6E21B 43/22**  
[25] EN  
[54] **OIL AND GAS OPERATION FLUID FOR THE SOLVATION OF WAXES AND ASPHALTENES, AND METHOD OF USE THEREFOR**  
[54] **FLUIDE UTILISE POUR LA SOLVATION DES PARAFFINES ET DES ASPHALTENES EN EXPLOITATION PETROLIERE; MODE D'EMPLOI**  
[72] Loree, Dwight N., CA  
[72] Thorssen, Donald A., CA  
[73] THORSSSEN, DONALD A., CA  
[73] TRYSOL LIMITED, CA  
[48] 2001-03-27

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[11] **2,090,818**  
[13] C

[51] **Int.Cl. 5C10L 1/18 5C10L 1/22**  
[25] EN  
[54] **MARKERS FOR PETROLEUM, METHOD OF TAGGING, AND METHOD OF DETECTION**  
[54] **MARQUEUR DE PETROLE, METHODE DE MARQUAGE ET METHODE DE DETECTION**  
[72] Friswell, Michael R., US  
[72] Hinton, Michael P., US  
[73] MORTON INTERNATIONAL, INC., US  
[22] 1993-03-02

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[11] **2,091,562**  
[13] C

[51] **Int.Cl. 5C07D 403/06 5C07D 401/14 5C07D 403/14 5A61K 31/40 5A61K 31/445**  
[25] EN  
[54] **INDOLE DERIVATIVES USEFUL IN PSYCHOTHERAPEUTICS**  
[54] **DERIVES DE L'INDOLE**  
[72] Macor, John Eugene, US  
[72] Wythes, Martin James, GB  
[73] PFIZER INC., US  
[85] 1993-03-11  
[86] 1991-10-08 (PCT/US91/07194)  
[87] (WO92/06973)  
[30] US (597,928) 1990-10-15

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[11] **2,093,545**  
[13] C

[51] **Int.Cl. 5D21H 15/02 5C08K 3/26 5D21H 17/64**  
[25] EN  
[54] **COMPOSITE PRODUCT BASED ON FIBERS AND FILLERS, AND PROCESS FOR THE MANUFACTURE OF SUCH A NOVEL PRODUCT**  
[54] **PRODUIT COMPOSITE A BASE DE FIBRES ET DE CHARGES, ET PROCEDE DE FABRICATION**  
[72] Cousin, Laurent, FR  
[72] Mora, Fernand, FR  
[73] International Paper Company, US  
[22] 1993-04-06  
[30] FR (92 04 474) 1992-04-07

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[11] **2,095,519**  
[13] C

[51] **Int.Cl. 5F02P 3/06 5F02P 3/08**  
[25] EN  
[54] **CAPACITATIVE DISCHARGE IGNITION SYSTEM FOR INTERNAL COMBUSTION ENGINES**  
[54] **SYSTEME D'ALLUMAGE PAR DECHARGE DE CONDENSATEUR POUR MOTEURS A COMBUSTION INTERNE**  
[72] Kitson, Mark Raymond, AU  
[72] Ayre, Peter Joseph, AU  
[73] Orbital Engine Company (Asutralia) Pty. Limited, AU  
[85] 1993-05-04  
[86] 1991-11-15 (PCT/AU91/00524)  
[87] (WO92/08891)  
[30] AU (PK 3373) 1990-11-15

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[11] **2,095,639**  
[13] C

[51] **Int.Cl. 5A62D 1/08**  
[25] EN  
[54] **FIRE EXTINGUISHING COMPOSITION AND PROCESS**  
[54] **COMPOSITION SERVANT A ETEINDRE UN INCENDIE ET METHODE DE PRODUCTION DE CETTE COMPOSITION**  
[72] Fernandez, Richard Edward, US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[85] 1993-05-05  
[86] 1990-11-15 (PCT/US90/06691)  
[87] (WO92/08519)

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[11] **2,096,625**  
[13] C

[51] **Int.Cl. 5B32B 27/08**  
[25] EN  
[54] **HIGH BARRIER FILM COMBINATION**  
[54] **COMBINAISON DE FILMS HAUTE BARRIERE**  
[72] Knoerzer, Anthony Robert, US  
[73] MOBIL OIL CORPORATION, US  
[85] 1993-05-19  
[86] 1991-12-06 (PCT/US91/09225)  
[87] (WO92/10366)  
[30] US (07/627,113) 1990-12-13

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[11] **2,097,959**  
[13] C

[51] **Int.Cl. 5B07C 3/12**  
[25] EN  
[54] **JUST-IN-TIME MAIL DELIVERY SYSTEM AND METHOD**  
[54] **SYSTEMES ET DISPOSITIF DE TRIAGE DU COURRIER ET SA LIVRAISON A TEMPS**  
[72] Oh, Je H., US  
[72] Hunt, William M., US  
[72] Sansone, Ronald P., US  
[73] PITNEY BOWES INC., US  
[22] 1993-06-08  
[30] US (900,397) 1992-06-18

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[11] **2,102,157**  
[13] C

[51] **Int.Cl. 5B05D 1/26 5B05C 5/02 5B41F 31/04**  
[25] EN  
[54] **ANILOX COATER WITH BRUSH**  
[54] **ROULEAU INTERMEDIAIRE D'ENCRAGE AVEC BALAIS**  
[72] Person, Steven M., US  
[73] DeMoore, Howard W., US  
[22] 1993-11-01  
[30] US (08/078,427) 1993-06-17

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[11] **2,104,196**  
[13] C

[51] **Int.Cl. 5C07D 403/14 5A61K 31/415**  
[25] EN  
[54] **METHODS OF COMBATING PNEUMOCYSTIS CARINII PNEUMONIA AND COMPOUNDS USEFUL THEREFOR**  
[54] **METHODES DE LUTTE CONTRE LA PNEUMONIE A PNEUMOCYSTIS CARINII ET COMPOSES UTILISES A CETTE FIN**  
[72] Tidwell, Richard R., US  
[72] Dykstra, Christine C., US  
[72] Hall, James E., US  
[73] University of North Carolina at Chapel Hill, US  
[22] 1993-08-16  
[30] US (958,696) 1992-10-13

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[11] **2,105,935**  
[13] C

[51] **Int.Cl. 5A61M 1/10**  
[25] EN  
[54] **ELECTROHYDRAULIC VENTRICULAR ASSIST DEVICE**  
[54] **DISPOSITIF ELECTRO-HYDRAULIQUE DE STIMULATION VENTRICULAIRE**  
[72] Mussivand, Tofy, CA  
[73] Ottawa Heart Institute Research Corporation, CA  
[22] 1993-09-10

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[11] **2,107,803**  
[13] C

[51] **Int.Cl. 5A01N 37/26 5A01N 25/28 5A01N 25/32**  
[25] EN  
[54] **MICROENCAPSULATED HERBICIDAL COMPOSITION**  
[54] **COMPOSITION HERBICIDE EN MICROCAPSULES**  
[72] Scher, Herbert Benson, US  
[72] Rodson, Marius, US  
[73] ZENECA AG PRODUCTS INC., US  
[85] 1993-07-29  
[86] 1991-12-10 (PCT/US91/09284)  
[87] (WO92/13450)  
[30] US (07/651,900) 1991-02-06

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[11] **2,108,778**  
[13] C

[51] **Int.Cl. 5H04N 7/13**  
[25] EN  
[54] **PROCESS FOR CODING PICTURE SIGNALS**  
[54] **METHODE DE CODAGE DE SIGNAUX D'IMAGERIE**  
[72] Herpel, Carsten, DE  
[72] Keesen, Heinz-Werner, DE  
[73] DEUTSCHE THOMSON-BRANDT GMBH, DE  
[85] 1993-10-19  
[86] 1992-04-14 (PCT/EP92/00843)  
[87] (WO92/20190)  
[30] DE (P 41 13 505.9) 1991-04-25

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[11] **2,111,835**  
[13] C

[51] **Int.Cl. 5A45C 1/06 5A45C 11/18**  
[25] EN  
[54] **CARD HOLDER**  
[54] **PORTE-CARTE**  
[72] Siegel, Milton I., US  
[73] Siegel, Helen P., US  
[85] 1993-12-17  
[86] 1993-04-19 (PCT/US93/03680)  
[87] (WO93/20729)  
[30] US (07/871,195) 1992-04-20

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[11] **2,117,807**  
[13] C

[51] **Int.Cl. 5A61M 29/02**  
[25] EN  
[54] **DILATATION CATHETER WITH POLYIMIDE-ENCASED STAINLESS STEEL BRAID PROXIMAL SHAFT**  
[54] **CATHETER DE DILATATION DONT LA TIGE PROXIMALE EST FAITE D'UNE TRESSE D'ACIER INOXYDABLE ENROBEE DE POLYIMIDE**  
[72] Pray, James R., US  
[72] Cornelius, Richard G., US  
[72] Arney, Michelle, US  
[73] SCIMED LIFE SYSTEMS, INC., US  
[85] 1994-10-07  
[86] 1993-04-09 (PCT/US93/03352)  
[87] (WO93/20881)  
[30] US (07/867,164) 1992-04-09

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[11] 2,122,333  
[13] C

[51] Int.Cl. 5B23K 26/02  
[25] FR  
[54] INSTALLATION DE POSITIONNEMENT BORD A BORD ET DE SOUDAGE AU MOYEN D'UN FAISCEAU LASER D'AU MOINS DEUX FLANS DE TOLE  
[54] BUTT POSITIONING AND WELDING ASSEMBLY USING A LASER JET FOR STEEL SHEETS WELDING  
[72] Peru, Gilles, FR  
[72] Sauvage, Francis, FR  
[72] Le Roy, Yvon, FR  
[72] Sion, Charles, FR  
[73] Sollac, FR  
[22] 1994-04-27  
[30] FR (93 05 043) 1993-04-28

[11] 2,122,906  
[13] C

[51] Int.Cl. 5G01C 19/72  
[25] EN  
[54] DETERMINING OPTICAL SIGNAL TRANSIT DELAY TIME IN AN OPTICAL INTERFEROMETER  
[54] DETERMINATION DU TEMPS DE TRANSIT D'UN SIGNAL LUMINEUX DANS UN INTERFEROMETRE OPTIQUE  
[72] Ferrar, Carl M., US  
[73] HONEYWELL INC., US  
[85] 1994-05-04  
[86] 1992-04-07 (PCT/US92/02746)  
[87] (WO93/20408)

[11] 2,123,107  
[13] C

[51] Int.Cl. 5C12N 15/57 5C07H 21/04 5C12P 21/06 5C12N 1/21  
[25] EN  
[54] UBIQUITIN-SPECIFIC PROTEASES  
[54] PROTEASES SPECIFIQUES DE L'UBIQUITINE  
[72] Baker, Rohan T., AU  
[72] Tobias, John W., US  
[72] Varshavsky, Alexander, US  
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 1994-05-06  
[86] 1992-11-06 (PCT/US92/09562)  
[87] (WO93/09235)  
[30] US (789,915) 1991-11-08

[11] 2,123,118  
[13] C

[51] Int.Cl. 5A61K 47/32 5A61K 7/00 5A61K 9/14  
[25] EN  
[54] ANHYDROUS TOPICAL COMPOSITIONS WHICH DRY RAPIDLY ON CONTACT  
[54] COMPOSITIONS ANHYDRES TOPIQUES SECHANT RAPIDEMENT AU CONTACT  
[72] Mackles, Leonard, US  
[72] Chavkin, Leonard, US  
[73] Mackles, Leonard, US  
[73] Chavkin, Leonard, US  
[85] 1994-05-06  
[86] 1992-09-08 (PCT/US92/07578)  
[87] (WO94/05261)

[11] 2,125,787  
[13] C

[51] Int.Cl. 5G01N 33/53 5G01N 33/58 5G01N 33/68  
[25] EN  
[54] DETECTION OF ALZHEIMER'S DISEASE AND OTHER DISEASES USING A PHOTOAFFINITY LABELING METHOD  
[54] DEPISTAGE DE LA MALADIE D'ALZHEIMER ET D'AUTRES MALADIES PAR UNE METHODE DE MARQUAGE A PHOTOAFFINITE  
[72] Haley, Boyd E., US  
[73] THE UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US  
[85] 1994-06-13  
[86] 1992-12-23 (PCT/US92/10908)  
[87] (WO93/12755)  
[30] US (812,826) 1991-12-24

[11] 2,126,426  
[13] C

[51] Int.Cl. 5C08L 23/02 5G02B 6/00 5C08L 91/00 5G02B 6/10 5G02B 6/20 5G02B 6/44  
[25] EN  
[54] HYDROGEN-ABSORBING COMPOSITION FOR OPTICAL FIBER CABLES AND OPTICAL FIBER CABLES INCORPORATING SUCH COMPOSITION  
[54] SUBSTANCE ABSORBANT L'HYDROGENE POUR CABLES A FIBRES OPTIQUES ET CABLES A FIBRES OPTIQUES COMPORTANT CETTE SUBSTANCE  
[72] Bosisio, Claudio, IT  
[72] Campana, Antonio, IT  
[73] Pirelli Cavi S.p.a., IT  
[22] 1994-06-21  
[30] IT (MI93A001398) 1993-06-29

[11] 2,126,481  
[13] C

[51] Int.Cl. 5G01N 21/71 5G01N 25/20  
[25] EN  
[54] NON-CONTACT PHOTOTHERMAL METHOD FOR MEASURING THERMAL DIFFUSIVITY AND ELECTRONIC DEFECT PROPERTIES OF SOLIDS  
[54] METHODE PHOTOTHERMIQUE SANS CONTACT POUR MESURER LA DIFFUSIVITE THERMIQUE ET LES CARACTERISTIQUES DES IMPERFECTIONS DANS LES SOLIDES  
[72] Mandelis, Andreas, CA  
[72] Munidasa, Mahendra, CA  
[72] Wolff, Detlev, CA  
[73] Mandelis, Andreas, CA  
[73] Munidasa, Mahendra, CA  
[73] Wolff, Detlev, CA  
[22] 1994-06-22

[11] 2,130,509  
[13] C

[51] Int.Cl. 5A01M 23/00  
[25] EN  
[54] SAFETY CLAMP FOR HOLDING AN ANIMAL TRAP AGAINST INADVERTENT ACTUATION  
[54] DISPOSITIF DE SECURITE POUR EMPECHER LE DECLENCHEMENT ACCIDENTEL D'UN PIEGE A ANIMAL  
[72] Bertram, Bruce Henry, CA  
[73] Bertram, Bruce Henry, CA  
[22] 1994-08-19

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[11] **2,133,674**  
[13] C

[51] **Int.Cl. 5A61N 1/362 5A61N 1/08**  
[25] EN  
[54] **USING SUB-THRESHOLD UNIPOLAR PACING MARKERS TO IMPROVE THE INTERPRETATION OF SURFACE EKG IN PACEMAKER PATIENT**  
[54] **UTILISATION DE MARQUEURS DE STIMULATION INFRA-LIMINAIRE POUR DES ELECTRODES UNIPOLAIRES EN VUE D'AMELIORER L'INTERPRETATION DE L'ECG CHEZ LES PORTEURS DE STIMULATEUR CARDIAQUE**  
[72] Spinelli, Julio C., US  
[72] Hartley, Jesse W., US  
[72] Heemels, Jan Pieter, US  
[73] **CARDIAC PACEMAKERS, INC., US**  
[22] 1994-10-05  
[30] US (08/188,821) 1994-01-31

[11] **2,135,200**  
[13] C

[51] **Int.Cl. 5C12N 15/50 6C07K 19/00 6C07K 7/08 6C07K 14/165 5A61K 39/215 5A61K 39/385 5A61K 39/42 5G01N 33/569 5C12N 15/62 5C12Q 1/70**  
[25] EN  
[54] **CANINE CORONAVIRUS S GENE AND USES THEREFOR**  
[54] **GENE S D'UN CORONAVIRUS CANIN ET APPLICATIONS**  
[72] Miller, Timothy J., US  
[72] Reed, Albert Paul, US  
[72] Jones, Elaine V., US  
[72] Klepfer, Sharon, US  
[73] **PFIZER INC., US**  
[85] 1994-11-04  
[86] 1993-05-07 (PCT/US93/04692)  
[87] (WO93/23423)  
[30] US (07/880,194) 1992-05-08

[11] **2,138,176**  
[13] C

[51] **Int.Cl. 5B65D 19/26**  
[25] EN  
[54] **CORRUGATED PALLET**  
[54] **PALETTE ONDULEE**  
[72] Besaw, Larry G., US  
[72] Farley, Timothy R., US  
[73] **Servants, Inc. (The), US**  
[22] 1994-12-15  
[30] US (08/169,317) 1993-12-17  
[30] US (08/218,111) 1994-03-25

[11] **2,138,401**  
[13] C

[51] **Int.Cl. 5E21B 43/10 5E21B 43/04 5E21B 43/08 5E21B 7/20**  
[25] EN  
[54] **PROCESS AND TOOL FOR LAYING UNDERGROUND COLLECTOR MAINS FOR LIQUIDS AND GASES**  
[54] **PROCEDE ET OUTIL SERVANT A POSER DES COLLECTEURS SOUTERRAINS DE LIQUIDES ET DE GAZ**  
[72] Bayer, Hans-Joachim, DE  
[72] Kleiser, Klaus, DE  
[72] Gänger, Jörg, DE  
[72] Sass, Ingo, DE  
[73] **UNIVERSITAT KARLSRUHE (TH), DE**  
[73] **FLOWTEX-Service Gesellschaft für Horizontalbohrsysteme mbH & Co. KG, DE**  
[73] **Schumacher Umwelt- und Trenntechnik GmbH, DE**  
[85] 1994-12-16  
[86] 1994-04-21 (PCT/EP94/01248)  
[87] (WO94/24414)  
[30] DE (P 43 13 221.9) 1993-04-22

[11] **2,140,210**  
[13] C

[51] **Int.Cl. 6A47B 88/04**  
[25] EN  
[54] **A FITTING**  
[54] **ELEMENT DE FIXATION**  
[72] Röck, Erich, AT  
[72] Huber, Edgar, AT  
[73] **Julius Blum Gesellschaft m.b.H., AT**  
[22] 1995-01-13  
[30] AT (A 77/94) 1994-01-17

[11] **2,140,227**  
[13] C

[51] **Int.Cl. 6G01J 1/04 6A61L 2/10 6C02F 1/32**  
[25] EN  
[54] **OPTICAL RADIATION SENSOR DEVICE**  
[54] **APPAREIL OPTIQUE DE DETECTION DES RAYONNEMENTS**  
[72] Hayes, Stewart James, CA  
[72] Pearcey, Richard, CA  
[72] White, Philip Thomas, CA  
[72] Andrae, Peter Robert, CA  
[72] Lowenstine, Mark Richards, CA  
[73] **TROJAN TECHNOLOGIES INC., CA**  
[22] 1995-01-13  
[30] US (08/181,205) 1994-01-13

[11] **2,140,347**  
[13] C

[51] **Int.Cl. 6A61K 31/44 6A61K 9/08**  
[25] EN  
[54] **INJECTION AND INJECTION KIT CONTAINING OMEPRAZOLE AND ITS ANALOGS**  
[54] **INJECTION ET TROUSSE D'INJECTION CONTENANT DE L'OMEPRAZOLE ET SES ANALOGUES**  
[72] Nakanishi, Shigeo, US  
[72] Tominaga, Tetsuo, JP  
[72] Yamanaka, Iwao, JP  
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[72] Shibata, Toshiyuki, JP  
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[30] US (08/505,773) 1995-07-21  
[30] US (08/522,173) 1995-08-31  
[30] WO (PCT/US95/02992) 1995-03-08  
[30] US (08/494,091) 1995-06-23  
[30] US (08/340,031) 1994-11-14

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[13] C

[51] **Int.Cl. 6A43B 7/06 6A43B 13/38**  
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[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  
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POSITION ET DE FLUX DANS DES  
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[73] Wisconsin Alumni Research Foundation,  
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[54] PROCEDE POUR LA  
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[54] **METHODE POUR L'INTRODUCTION DE VRACS DANS UNE CELLULE POUR L'ELECTROLYSE DE L'ALUMINIUM**  
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[54] **APPAREIL SERVANT A APOSER DES ETIQUETTES AUTOCOLLANTES SUR DES DISQUES COMPACTS, ET METHODE CONNEXE**  
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[25] EN  
[54] **DIODE ARRAY PROVIDING EITHER A PULSED OR A CW MODE OF OPERATION OF A DIODE PUMPED SOLID STATE LASER**  
[54] **RESEAU DE DIODES PERMETTANT D'OBTENIR UN MODE DE FONCTIONNEMENT PULSE OU DE FONCTIONNEMENT A ONDE ENTRETENUE POUR LASER A SEMI-CONDUCTEUR A POMPAGE PAR DIODES**  
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[72] Berg, Jacqueline G., US  
[72] Holleman, Gerald W., US  
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[54] **SYSTEME DE TRANSFORMATION DE TOURS AUTOMATIQUES EN MACHINES APTES A LA COMMANDE NUMERIQUE PAR ORDINATEUR**  
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[25] EN  
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[54] **COUVERCLE DE BATTERIES D'ACCUMULATEUR ET DISPOSITIFS DE CHARGEMENT COOPERANT AVEC LE COUVERCLE**  
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[51] **Int.Cl. 6F16C 33/76**  
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[54] **RECEPTEUR ORPHELIN**  
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[72] ENMARK, Eva, SE  
[73] KARO BIO AB, SE  
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[30] GB (9518272.1) 1995-09-08  
[30] GB (9605550.4) 1996-03-15  
[30] GB (9607532.0) 1996-04-11  
[30] GB (9609576.5) 1996-05-08

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[13] C

[51] Int.Cl. 6B32B 3/24 6B32B 3/30 6A61F  
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[25] EN  
[54] **VACUUM ASSISTED**  
**APPLICATION OF THIN VAPOR**  
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**COATINGS ON APERTURED**  
**SUBSTRATES AND ARTICLES**  
**PRODUCED THEREFROM**  
[54] **APPLICATION SOUS VIDE DE**  
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**VAPEUR SUR DES SUBSTRATS**  
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[72] CHANG, Peter I., US  
[72] THOMAS, Paul E., US  
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[73] TREDEGAR CORPORATION, US  
[85] 1997-04-01  
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[87] (WO96/14038)  
[30] US (08/333,978) 1994-11-03

[11] 2,201,948  
[13] C

[51] Int.Cl. 6F24F 13/02 6F16L 27/12  
6D06F 58/20  
[25] EN  
[54] **CLOSE COUPLED**  
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[54] **RACCORD DE VENTILATION**  
**CONTRACTIBLE A ASSEMBLAGE**  
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[73] Builder's Best, Inc., US  
[22] 1997-04-04  
[30] US (08/705,636) 1996-08-30

[11] 2,203,299  
[13] C

[51] Int.Cl. 6C22C 38/54 6F16C 3/02  
6C21D 1/18  
[25] EN  
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**STEAM TURBINE ROTOR SHAFT**  
[54] **ACIER RESISTANTE A LA**  
**CHALEUR ET ARBRE TOURNANT DE**  
**TURBINE A VAPEUR**  
[72] SHIGA, Masao, JP  
[72] FUKUI, Yutaka, JP  
[72] SHIMIZU, Nobuo, JP  
[72] KANEKO, Ryoichi, JP  
[72] NAKAMURA, Shigeyoshi, JP  
[72] YAMADA, Norio, JP  
[72] HIDAKA, Kishio, JP  
[72] TANAKA, Yasuhiko, JP  
[72] HARADA, Yasuhiro, JP  
[72] MORISADA, Norio, JP  
[72] WATANABE, Yasuo, JP  
[72] FUJITA, Toshio, JP  
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[73] THE JAPAN STEEL WORKS, LTD., JP  
[22] 1997-04-22  
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[51] Int.Cl. 6E04F 21/16 6B28B 17/00  
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[25] EN  
[54] **AUTOMATED TROWELLING**  
**SYSTEM**  
[54] **SYSTEME AUTOMATIQUE**  
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[72] JACQUES, Carol, US  
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[87] (WO96/13338)  
[30] US (08/331,284) 1994-10-28

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[13] C

[51] Int.Cl. 6A61N 1/362  
[25] EN  
[54] **PATIENT-WORN ENERGY**  
**DELIVERY APPARATUS**  
[54] **APPAREIL D'APPLICATION**  
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**PATIENT**  
[72] GLEGYAK, John A., US  
[72] PEDUZZI, David J., US  
[73] LIFECOR, INC., US  
[22] 1997-05-14  
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[11] 2,205,650  
[13] C

[51] Int.Cl. 6A23C 19/076 6A23C 19/09  
[25] EN  
[54] **PROCESS FOR MAKING SHELF**  
**STABLE DAIRY PRODUCTS**  
[54] **PROCEDE POUR FABRIQUER DES**  
**PRODUITS LAITIERS LONGUE**  
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[72] YOUNG, Robert Yao Jou, US  
[72] BHATIA, Usha B., US  
[72] CICHA, Douglas Ray, US  
[72] BRIGL, Lawrence Paul, US  
[72] EL-HMAMSI, Mounir Mohamed, US  
[73] The Pillsbury Company, US  
[85] 1997-05-20  
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[11] 2,205,733  
[13] C

[51] Int.Cl. 6G11C 16/06 6G06F 11/16  
[25] EN  
[54] **METHOD AND APPARATUS OF**  
**REDUNDANCY FOR NON-VOLATILE**  
**MEMORY INTEGRATED CIRCUITS**  
[54] **METHODE ET APPAREIL DE**  
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[72] TRAN, Hieu Van, US  
[72] BLYTH, Trevor, US  
[73] INFORMATION STORAGE  
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[22] 1997-05-20  
[30] US (08/653,073) 1996-05-21

[11] 2,206,489  
[13] C

[51] Int.Cl. 6A61K 7/30  
[25] EN  
[54] **DETERGENT COMPOSITION**  
**COMPRISING A DIMETHICONE**  
**COPOLYOL**  
[54] **COMPOSITIONS DETERGENTES**  
**COMPRENANT DU COPOLYOL DE**  
**DIMETHICONE**  
[72] WHITE, Christopher David, GB  
[72] HUGHES, Iain Allan, GB  
[72] RYAN, Elizabeth Mary, GB  
[73] THE PROCTER & GAMBLE  
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[25] EN  
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[54] **COMPOSITIONS A BASE DE PHOSPHATE DE ZINC, UTILISEES POUR DES REVETEMENTS ET CONTENANT DES ACCELERATEURS OXIMES**  
[72] VONK, Donald R., US  
[72] GREENE, Jeffrey A., US  
[73] PPG INDUSTRIES OHIO, INC., US  
[85] 1997-05-15  
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[54] **DISPOSITIF DE SECURITE POUR AIGUILLE**  
[72] DiCESARE, Paul, US  
[72] NEWBY, Mark, US  
[73] BECTON, DICKINSON AND COMPANY, US  
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[13] C

[51] **Int.Cl. 6H04L 29/06 6H04L 29/12**  
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[54] **PROTOCOL CONVERTER AND ROUTER FOR MULTI-MODE WIRELESS DATA COMMUNICATIONS**  
[54] **CONVERTISSEUR DE PROTOCOLE ET ROUTEUR POUR RESEAU DE TRANSMISSION DE DONNEES SANS FIL MULTIMODE**  
[72] RUSSELL, Jesse Eugene, US  
[72] SCHROEDER, Robert Edward, US  
[72] DURANT, Gregory M., US  
[72] HSU, Danny K., US  
[72] BARZEGAR, Farhad, US  
[72] CHANG, Chi-Hwey, US  
[72] CHOW, Albert, US  
[72] HUANG, Kenny Xiaojian, US  
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[22] 1997-06-04  
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[54] **TETE D'ENREGISTREMENT ET APPAREIL D'ENREGISTREMENT**  
[72] TAMURA, Yasuyuki, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1997-06-06  
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[13] C

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[25] EN  
[54] **ABSORBENT FOAMS MADE FROM HIGH INTERNAL PHASE EMULSIONS USEFUL FOR ACQUIRING AQUEOUS FLUIDS**  
[54] **MOUSSES ABSORBANTES REALISEES A PARTIR D'EMULSIONS A PHASE DISPERSEE IMPORTANTE, UTILES POUR L'ABSORPTION DE FLUIDES AQUEUX**  
[72] DESMARAIS, Thomas Allen, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-06-24  
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[13] C

[51] **Int.Cl. 6C11D 17/00 6C11D 11/00 6C11D 3/37 6C11D 1/83**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF GRANULAR DETERGENT COMPOSITIONS COMPRISING NONIONIC SURFACTANT**  
[54] **PROCEDE DE FABRICATION DES COMPOSITIONS DETERGENTES GRANULAIRES CONTENANT DES TENSIOACTIFS NON-IONIQUES**  
[72] DONOGHUE, Scott John, BE  
[72] SMITH, David John, GB  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-06-25  
[86] 1996-01-05 (PCT/US96/00527)  
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[13] C

[51] **Int.Cl. 6H04Q 7/12**  
[25] EN  
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[54] **SYSTEME DE MESSAGERIE SANS FIL BIDIRECTIONNEL UTILISANT UN SERVEUR DE TRANSACTIONS**  
[72] SABNANI, Krishan Kumar, US  
[72] WOO, Thomas Yat Chung, US  
[72] LA PORTA, Thomas F., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-06-25  
[30] US (695,497) 1996-08-12

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[51] **Int.Cl. 6B23P 11/00**  
[25] EN  
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[54] **OUTIL D'ESTAMPAGE AXIAL A GOUPILLE DE STABILISATION**  
[72] SURESH, Srinivas B., US  
[73] Deutsch Company (The), US  
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[13] C

[51] **Int.Cl. 6A61M 25/09**  
[25] EN  
[54] **FIBER TIP GUIDEWIRE**  
[54] **FIL-GUIDE A POINTE EN FIBRE**  
[72] NGUYEN, Kim, US  
[73] TARGET THERAPEUTICS, INC., US  
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[13] C  
[51] **Int.Cl. 6H04J 14/02 6H04B 10/12**  
[25] EN  
[54] **WAVELENGTH MONITORING AND CONTROL ASSEMBLY FOR WDM OPTICAL TRANSMISSION SYSTEMS**  
[54] **DISPOSITIF DE SURVEILLANCE ET DE CONTROLE DE LONGUEUR D'ONDE POUR SYSTEME DE TRANSMISSION A MULTIPLEXAGE OPTIQUE**  
[72] VILLENEUVE, Bernard, CA  
[72] KIM, Hyung B., CA  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1997-07-02  
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[13] C  
[51] **Int.Cl. 6G01C 3/14 6G01C 23/00 6H04N 7/18**  
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[54] **OPTICAL RANGE AND SPEED DETECTION SYSTEM**  
[54] **SYSTEME OPTIQUE DE CALCUL DE LA DISTANCE ET DE LA VITESSE**  
[72] HARDIN, Larry C., US  
[72] NASH, Lawrence V., US  
[73] HARDIN, Larry C., US  
[85] 1997-07-04  
[86] 1995-01-18 (PCT/US95/00819)  
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[13] C  
[51] **Int.Cl. 6H04J 14/02 6H04Q 11/00 6H04Q 3/52**  
[25] EN  
[54] **CROSS-CONNECTION OF WAVELENGTH-DIVISION-MULTIPLEXED HIGH SPEED OPTICAL CHANNELS**  
[54] **INTERCONNEXION DE CANAUX OPTIQUES A GRANDE VITESSE MULTIPLEXES EN LONGUEUR D'ONDE**  
[72] NISHINO, Masaru, JP  
[73] NEC CORPORATION, JP  
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[72] HEUVEL, Johan G. F., CA  
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[22] 1997-08-12

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[51] **Int.Cl. 6G01N 1/28**  
[25] EN  
[54] **VOLUME-INDEPENDENT DIAGNOSTIC TEST CARRIER AND METHODS IN WHICH IT IS USED TO DETERMINE AN ANALYTE**  
[54] **DISPOSITIF PORTE-TEST POUR DIAGNOSTIC INDEPENDANT DU VOLUME ET METHODES D'UTILISATION POUR DOSER UN ANALYTE**  
[72] LEININGER, Helmut, DE  
[72] THYM, Detlef, DE  
[73] ROCHE DIAGNOSTICS GMBH, DE  
[22] 1997-07-17  
[30] DE (196 29 657.9) 1996-07-23

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[13] C  
[51] **Int.Cl. 6H04B 10/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRACKING ALIGNMENT IN WIRELESS OPTICAL COMMUNICATIONS**  
[54] **METHODE ET DISPOSITIF DE CONTROLE D'ALIGNEMENT DANS UN SYSTEME DE COMMUNICATION OPTIQUE SANS FIL**  
[72] SHELBY, Kevin Alan, US  
[73] AT&T CORP., US  
[22] 1997-07-21  
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[51] **Int.Cl. 6G01F 22/00**  
[25] EN  
[54] **VOLUME VERIFICATION APPARATUS AND METHOD**  
[54] **EQUIPEMENT ET PROCEDE DE VERIFICATION DE VOLUMES**  
[72] VIEGUT, Todd E., US  
[72] SMITH, Kenneth Charles, US  
[72] SCHAPIRA, Thomas Gerard, US  
[72] KOTLARIK, John, US  
[72] FOWLER, John Paul, US  
[72] SLESZYNSKI, Neal T., US  
[72] WROBLEWSKI, Mieczyslaw, US  
[73] ABBOTT LABORATORIES, US  
[85] 1997-07-24  
[86] 1996-01-17 (PCT/US96/00611)  
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[30] US (08/382,548) 1995-02-02

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[13] C  
[51] **Int.Cl. 6H04L 29/10 6H04M 7/00 6H01R 13/629**  
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[54] **IMPROVED INTERFACE CARD FOR USE IN A TELECOMMUNICATIONS NETWORK**  
[54] **CARTE D'INTERFACE AMELIOREE POUR RESEAU DE TELECOMMUNICATION**  
[72] SOCHACKI, John W., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-07-24  
[30] US (720,983) 1996-10-15

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[13] C  
[51] **Int.Cl. 6G06F 15/16 6G06F 9/46**  
[25] EN  
[54] **LOAD BALANCING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL D'EQUILIBRAGE DE CHARGES**  
[72] YAMASHITA, Hiroyuki, JP  
[72] OKADA, Yasushi, JP  
[72] SUGURI, Toshihiko, JP  
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
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[13] C

[51] **Int.Cl. 6F23L 13/10 6F23D 14/42 6F23D 14/66**  
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[54] **COMBINED PREHEAT AND CUTTING OXYGEN VALVE FOR CUTTING TORCHES**  
[54] **SOUPAPES D'OXYGENE DE CHAUFFE ET DE COUPE COMBINEES POUR CHALUMEAUX A DECOUPER**  
[72] ENDFIELD, Randy C., US  
[73] LINCOLN GLOBAL, INC., US  
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[13] C

[51] **Int.Cl. 6H04Q 3/66 6H04L 12/56**  
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[54] **REPERAGE DE VOIE DANS DES RESEAUX DE TELECOMMUNICATIONS**  
[72] CHNG, Raymond Soo Khiaw, SG  
[72] BROWN, Graeme Nicholas, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1997-08-05  
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[87] (WO97/06644)  
[30] EP (95305493.9) 1995-08-07

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[13] C

[51] **Int.Cl. 6C09G 1/16**  
[25] EN  
[54] **POLISH COMPOSITION**  
[54] **COMPOSITION DE POLISSAGE**  
[72] LOWERY, Michael D., US  
[72] MARTIN, Eugene R., US  
[73] Wacker Silicones Corporation, US  
[22] 1997-08-13  
[30] US (08/703,274) 1996-08-26

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[13] C

[51] **Int.Cl. 6B60L 3/08 6B62M 7/00**  
[25] EN  
[54] **TORQUE LIMITING DEVICE FOR MOTORS IN ELECTRICALLY DRIVEN VEHICLES AND ELECTRICALLY DRIVEN VEHICLE INCORPORATING THE TORQUE LIMITING DEVICE**  
[54] **DISPOSITIF LIMITEUR DE COUPLE POUR MOTEURS DE VEHICULES ALIMENTS A L'ELECTRICITE ET VEHICULE ELECTRIQUE COMPRENANT LEDIT DISPOSITIF**  
[72] TANAKA, Tatsuaki, JP  
[72] SUHARA, Toshihiro, JP  
[72] MATSUMOTO, Toshihiro, JP  
[72] SAGARA, Hiroaki, JP  
[72] MAEDA, Yoshihiko, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[22] 1997-08-19  
[30] JP (HEI 8(1996)-237191) 1996-08-20

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[11] **2,214,042**  
[13] C

[51] **Int.Cl. 6A61B 5/14**  
[25] EN  
[54] **RAPID EVALUATION OF THIN-FILM BARRIER COATINGS ON THICK SUBSTRATE VIA TRANSIENT RESPONSE MEASUREMENTS**  
[54] **EVALUATION RAPIDE DE COUCHES-BARRIERES A PELLICULE MINCE SUR DES SUBSTRATS EPAIS, GRACE AUX MESURES DES REPONSES TRANSITOIRES**  
[72] GHANDI, Jamshed B., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1997-08-27  
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[13] C

[51] **Int.Cl. 6A61K 9/48 6A61K 31/16 6A61K 31/19 6A61K 31/40 6A61K 31/60**  
[25] EN  
[54] **SOFT GELATIN CAPSULE WITH A GELATIN SHELL COMPRISING XANTHINE DERIVATIVE**  
[54] **CAPSULE SOUPLE EN GELATINE AVEC UNE ENVELOPPE COMPORTANT UN DERIVE DE XANTHINE**  
[72] CIMILUCA, Paul Alfred, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-08-29  
[86] 1996-02-20 (PCT/US96/02236)  
[87] (WO96/29997)  
[30] US (412,627) 1995-03-29

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[11] **2,215,526**  
[13] C

[51] **Int.Cl. 6G01F 13/00 6G01F 15/06**  
[25] EN  
[54] **DEVICE/METHOD FOR INDICATING THE DISPERSING OF A MATERIAL**  
[54] **DISPOSITIF ET PROCEDE D'INDICATION DE LA DISPERSION D'UNE SUBSTANCE**  
[72] CHANG, Joseph, US  
[72] DIAL, Dwain, US  
[73] WATERBURY COMPANIES, INC., US  
[85] 1997-09-16  
[86] 1996-02-08 (PCT/US96/01663)  
[87] (WO96/30726)  
[30] US (08/414,538) 1995-03-31

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[11] **2,215,871**  
[13] C

[51] **Int.Cl. 6F26B 5/06 6F26B 9/06**  
[25] EN  
[54] **FREEZE DRYING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE CRYODESSICCATION**  
[72] COPPA, Nicholas V., US  
[72] STEWART, Paul, US  
[72] RENZI, Ernesto, US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[73] THE BOC GROUP, INC., US  
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[13] C

[51] Int.Cl. 6B29C 45/20  
[25] EN  
[54] AN IMPROVED HOT RUNNER VALVE GATE AND METHOD FOR ELIMINATING UNIDIRECTIONAL MOLECULAR ORIENTATION AND WELD LINES FROM SOLIDIFIED RESIN USED FOR FORMING MOLDED ARTICLES  
[54] OBTURATEUR AMELIORE D'ENTREE DE CANAL CHAUFFE ET METHODE D'ELIMINATION DE L'ORIENTATION MOLECULAIRE UNIDIRECTIONNELLE ET DES LIGNES DE SOUDURE DE LA RESINE SOLIDIFIEE UTILISEE POUR FABRIQUER DES ARTICLES MOULES  
[72] TENG, Alex, CA  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[22] 1997-09-19

[11] 2,216,613  
[13] C

[51] Int.Cl. 6A61M 25/00 6A61B 17/03  
[25] EN  
[54] BALL JOINT AND INTRODUCER FOR VASOOCCLUSIVE MEMBER  
[54] JOINT SPHERIQUE ET DISPOSITIF D'INSERTION POUR ELEMENT D'OCCCLUSION VASCULAIRE  
[72] FARNHOLTZ, Roger, US  
[73] TARGET THERAPEUTICS, INC., US  
[22] 1997-09-26  
[30] US (08/714,932) 1996-09-27

[11] 2,216,683  
[13] C

[51] Int.Cl. 6H01B 1/22  
[25] EN  
[54] METAL POWDER AND PROCESS FOR PREPARING THE SAME  
[54] POUDRE METALLIQUE ET PROCEDE DE FABRICATION CORRESPONDANT  
[72] NAGASHIMA, Kazuro, JP  
[72] AKIMOTO, Yuji, JP  
[72] ASADA, Eiichi, JP  
[72] SHIMIZU, Fumiyuki, JP  
[73] SHOEI CHEMICAL INC., JP  
[22] 1997-09-24  
[30] JP (9-157341) 1997-06-02

[11] 2,217,161  
[13] C

[51] Int.Cl. 6G06F 3/033  
[25] EN  
[54] GRAPHICAL USER INTERFACE SYSTEM FOR MANPORTABLE APPLICATIONS  
[54] SYSTEME D'INTERFACE UTILISATEUR GRAPHIQUE POUR APPLICATIONS PORTABLES  
[72] TIFFANY, John R., US  
[72] KAVNER, Douglas M., US  
[72] AUSMAN, Andrew, US  
[72] McCANN, Thomas E., US  
[72] ROSSER, Larri, US  
[72] BROGAN, Michael W., US  
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[54] RESEAU ET METHODE DE TRANSMISSION DE SERVICES VIDEO NUMERIQUES COMPRIMES SUR DES MINI-NOEUDS OPTIQUES  
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[72] PEDERSEN, Leif, US  
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[72] POLICICCHIO, Nicola John, US  
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[72] LONTINE, Michael D., US  
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[54] PROCEDE ET APPAREIL  
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[13] C

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[54] METHODE ET APPAREIL DE  
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[30] US (08/616,719) 1996-03-15

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[13] C

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[25] EN  
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APPARATUS USING SAME  
[54] CAPTEUR DE PRESSION DE  
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[11] 2,250,170  
[13] C

[51] Int.Cl. 6A61B 5/05 6A63F 9/18  
[25] EN  
[54] GAME APPARATUS FOR  
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PHYSIOLOGICAL RESPONSES TO  
QUESTIONS  
[54] APPAREIL DE JEU CONTROLANT  
LES REPONSES  
PSYCHOPHYSIOLOGIQUES A DES  
QUESTIONS  
[72] TIBBS, Daniel G., CA  
[72] BLASZYNSKI, John E., CA  
[73] NOVID INC., CA  
[85] 1998-11-06  
[86] 1997-10-28 (PCT/CA97/00791)  
[87] (WO98/18385)  
[30] US (08/741,420) 1996-10-29

[11] 2,250,965  
[13] C

[51] Int.Cl. 6B61F 5/12  
[25] EN  
[54] IMPROVED FRICTION SHOE FOR  
FREIGHT CAR TRUCK  
[54] SABOT DE FRICTION AMELIORE  
POUR WAGON  
[72] BARKER, Ronald E., US  
[72] HAWTHORNE, V. Terrey, US  
[72] LAZAR, Glen F., US  
[73] AMSTED INDUSTRIES  
INCORPORATED, US  
[22] 1998-11-05  
[30] US (08/999,084) 1997-12-29

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27 mars 2001**

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[11] **2,251,838**  
[13] C

[51] **Int.Cl. 6G01S 3/00 6G01S 3/784**  
[25] EN  
[54] **REMOTE POSITION SENSING APPARATUS AND METHOD**  
[54] **APPAREIL DE DETECTION A DISTANCE D'UNE POSITION ET PROCEDE ASSOCIE**  
[72] MA, CHRIS CHEN-HSING, CA  
[73] MA, CHRIS CHEN-HSING, CA  
[85] 1998-10-15  
[86] 1997-04-04 (PCT/CA97/00227)  
[87] (WO97/46893)  
[30] US (08/655,082) 1996-06-03

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[11] **2,255,240**  
[13] C

[51] **Int.Cl. 6E04C 5/20 6E04G 21/32**  
[25] EN  
[54] **CONCRETE REINFORCING BAR PROTECTIVE COVER**  
[54] **CALOTTE DE PROTECTION POUR RONDS A BETON**  
[72] POWELL, Marcus William, US  
[72] SPENNER, Douglas James, US  
[72] SCHIMMELPFENNIG, Jerry D., US  
[72] SYLVAN, Richard, US  
[73] LOMONT MOLDING, INC. D/B/A PARAGON PRODUCTS, US  
[22] 1998-12-02  
[30] US (08/988,738) 1997-12-11

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[11] **2,256,342**  
[13] C

[51] **Int.Cl. 6H01Q 5/00 6H01Q 9/27 6H01Q 1/36**  
[25] EN  
[54] **HIGHLY ISOLATED MULTIPLE FREQUENCY BAND ANTENNA**  
[54] **ANTENNE A BANDES DE FREQUENCES MULTIPLES, HAUTEMENT ISOLEE**  
[72] YU, I-Ping, US  
[72] SALVAIL, Gary, US  
[73] RAYTHEON COMPANY, US  
[85] 1998-11-27  
[86] 1998-05-08 (PCT/US98/09425)  
[87] (WO98/53524)  
[30] US (08/819,248) 1997-05-17

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[11] **2,258,139**  
[13] C

[51] **Int.Cl. 6G07C 15/00 6A63F 3/06**  
[25] EN  
[54] **GAME OF CHANCE KIT**  
[54] **NECESSAIRE DE JEU DE HASARD**  
[72] SUCH, David A., US  
[73] D. ALLAN SUCH & ASSOCIATES, INC., US  
[22] 1999-01-06  
[30] US (60/070,664) 1998-01-07

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[11] **2,258,446**  
[13] C

[51] **Int.Cl. 6E04B 1/343 6E04B 7/10 6E04H 3/10 6E04B 7/16 6E04H 15/36**  
[25] EN  
[54] **TIE-DOWN SYSTEM FOR FABRIC COVERED BUILDINGS**  
[54] **SYSTEME D'ANCRAGE POUR BATIMENT RECOUVERT DE TISSU**  
[72] STOBBE, Nathan, CA  
[72] QUIRING, Richard, CA  
[73] COVER-ALL BUILDING SYSTEMS, CA  
[22] 1999-01-12  
[30] CA (2,226,787) 1998-01-13

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[11] **2,277,518**  
[13] C

[51] **Int.Cl. 6A01B 63/02 6A01D 67/00 6A01B 71/02 6A01D 34/24**  
[25] EN  
[54] **WINDROWER PLATFORM SIDE-TO-SIDE FLOAT BALANCE ADJUSTMENT**  
[54] **REGLAGE DES VERINS D'EQUILIBRAGE DE JEU LATERAL D'UN COTE A L'AUTRE D'UNE PLATE-FORME D'ANDAINOUSE**  
[72] MELLIN, MICHAEL JAMES, US  
[72] SCHMID, STEVEN LAWRENCE, US  
[72] KRAMBECK, FREDERICK CARL, US  
[73] DEERE & COMPANY, US  
[22] 1999-07-12  
[30] US (09/185,434) 1998-11-03

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[11] **2,277,722**  
[13] C

[51] **Int.Cl. 6A61K 9/20 6A61K 47/02 6A61K 31/53**  
[25] EN  
[54] **WATER DISPERSIBLE TABLETS**  
[54] **COMPRIMES DISPERSABLES DANS L'EAU**  
[72] FIELDEN, KRISTYNA ELZBIETA, GB  
[73] Wellcome Foundation Limited (The), GB  
[22] 1992-01-29  
[62] 2,098,108  
[30] GB (91 248 07.0) 1991-11-22  
[30] GB (91 248 03.9) 1991-11-22  
[30] GB (91 250 05.0) 1991-11-25

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[11] **2,281,303**  
[13] C

[51] **Int.Cl. 6A01B 63/16**  
[25] EN  
[54] **DUAL ACTING IMPLEMENT LEVELING SYSTEM WITH TRANSPORT STABILIZATION**  
[54] **SYSTEME DE MISE A NIVEAU D'EQUIPEMENT PAR ACTION JUMEELE ET STABILISATION PENDANT LE TRANSPORT**  
[72] GOINS, GARRETT LEE, US  
[72] BIERL, JAMES FRANKLIN, US  
[73] DEERE & COMPANY, US  
[22] 1999-08-31  
[30] US (09/244,295) 1999-02-03

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[11] **2,283,614**  
[13] C

[51] **Int.Cl. 6B29C 45/64**  
[25] EN  
[54] **STACK MOLD LINKAGE WITH UNEQUAL STROKES**  
[54] **LIAISON MECANIQUE D'EMPLAGE DE MOULES AVEC FRAPPES IRREGULIERES**  
[72] SCHAD, ROBERT D., CA  
[72] TENG, ALEX, CA  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[22] 1999-09-27  
[30] US (09/164,685) 1998-10-01

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[11] \* **2,285,864**  
[13] C

[51] **Int.Cl. 6B65B 9/08 6B65B 43/26**  
[25] EN  
[54] **PROCESS FOR MAKING  
PACKAGING MATERIALS**  
[54] **PROCEDE DE FABRICATION DE  
MATERIAUX D'EMBALLAGE**  
[72] LERNER, HERSHEY, US  
[73] AUTOMATED PACKAGING  
SYSTEMS, INC., US  
[22] 1999-10-28  
[30] US (09/196,969) 1998-11-20

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[11] \* **2,295,524**  
[13] C

[51] **Int.Cl. 7F02M 27/04**  
[25] EN  
[54] **FUEL CONDITIONING DEVICE  
FOR IONIZING HYDROCARBON FUEL  
IN INTERNAL COMBUSTION ENGINES**  
[54] **DISPOSITIF DE  
CONDITIONNEMENT DE  
CARBURANT PAR IONISATION DU  
CARBURANT HYDROCARBURE DANS  
UN MOTEUR A COMBUSTION  
INTERNE**  
[72] SIGOUIN, JEAN-PAUL, CA  
[72] GRAVEL, LUCIEN, CA  
[73] CHAUFFA-TECH, DIVISION DE  
3222641 CANADA INC., CA  
[85] 2000-02-01  
[86] 1998-09-15 (PCT/CA98/00881)  
[87] (WO00/15957)

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[11] **2,296,914**  
[13] C

[51] **Int.Cl. 7B65D 83/14 7A45D 33/02  
7B65D 83/44 7B65D 83/60**  
[25] FR  
[54] **DISPOSITIF PRESSURISE**  
[54] **PRESSURISED RECEPTACLE**  
[72] LACOUT, FRANCK, FR  
[72] DE LAFORCADE, VINCENT, FR  
[73] L'OREAL, FR  
[22] 1996-11-12  
[62] 2,190,179  
[30] FR (95 13 412) 1995-11-13  
[30] FR (96 05 918) 1996-05-13  
[30] FR (96 09 651) 1996-07-31

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[11] **2,298,369**  
[13] C

[51] **Int.Cl. 7A01B 69/02**  
[25] EN  
[54] **SELF-SUPPORTING FIELD  
MARKER**  
[54] **TRACEUR GUIDE AUTOPORTEUR**  
[72] NEVIN, JIM, CA  
[73] NEVIN, JIM, CA  
[22] 2000-02-14

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[11] **2,303,711**  
[13] C

[51] **Int.Cl. 7G10L 19/02**  
[25] EN  
[54] **METHOD FOR NOISE  
WEIGHTING FILTERING**  
[54] **METHODE DE FILTRAGE POUR  
LA PONDERATION DU BRUIT**  
[72] SHOHAM, YAIR, US  
[72] WIERZYNSKI, CASIMIR, US  
[73] WIERZYNSKI, CASIMIR, US  
[73] AT&T IPM CORP., US  
[22] 1995-12-15  
[62] 2,165,351  
[30] US (367,526) 1994-12-30

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March 4, 2001 - March 10, 2001

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4 mars 2001 - 10 mars 2001

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[21] **2,281,377**  
[13] A1

[51] **Int.Cl. 6C07C 69/15 6C07C 67/055**  
[25] EN  
[54] **IMPROVED PROCESS FOR THE PRODUCTION OF VINYL ACETATE**  
[54] **PROCESSUS AMELIORE DE SYNTHESE DE L'ACETATE DE VINYLE**  
[72] BAKER, MICHAEL JAMES, GB  
[72] BRISTOW, TIMOTHY CRISPIN, GB  
[72] WILLIAMS, BRUCE LEO, GB  
[72] CLARKE, ROBERT WILLIAM, GB  
[71] BP CHEMICALS LIMITED, GB  
[22] 1999-09-07  
[43] 2001-03-07

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[21] **2,281,388**  
[13] A1

[51] **Int.Cl. 6B27N 3/18 6B27N 3/06**  
[25] EN  
[54] **POWDER BLASTING NOZZLE FOR OSB BLENDER AND SPRAY SYSTEM OF LIQUID CATALYST OR WAX EMULSION FOR ANCHORING OF POWDER ON SURFACE OF STRANDS-WAFERS**  
[54] **BUSE DE PROJECTION DE POUDRE DE MELANGEUR POUR PANNEAUX OSB (PANNEAUX DE PARTICULES ORIENTEES) ET SYSTEME DE PULVERISATION DE CATALYSEURS LIQUIDES OU D'EMULSION DE CIRE PERMETTANT D'ANCRER LA POUDRE A LA SURFACE DES GRANDES PARTICULES**  
[72] LUPTOVSKY, MIROSLAV, CA  
[71] LUPTOVSKY, MIROSLAV, CA  
[22] 1999-09-07  
[43] 2001-03-07

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[21] **2,281,395**  
[13] A1

[51] **Int.Cl. 6B05B 15/04**  
[25] EN  
[54] **AIR SCRUBBING APPARATUS**  
[54] **APPAREIL DE FILTRATION A AIR**  
[72] KADYMOV, ELDAR, CA  
[71] HONDA CANADA INC., CA  
[22] 1999-09-07  
[43] 2001-03-07

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[21] **2,281,414**  
[13] A1

[51] **Int.Cl. 6C07C 69/15 6C07C 67/055**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF VINYL ACETATE**  
[54] **PROCESSUS DE SYNTHESE DE L'ACETATE DE VINYLE**  
[72] WILLIAMS, BRUCE LEO, GB  
[72] BAKER, MICHAEL JAMES, GB  
[72] CLARKE, ROBERT WILLIAM, GB  
[72] BRISTOW, TIMOTHY CRISPIN, GB  
[72] KITCHEN, SIMON JAMES, GB  
[71] BP CHEMICALS LIMITED, GB  
[22] 1999-09-07  
[43] 2001-03-07

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[21] **2,281,438**  
[13] A1

[51] **Int.Cl. 6A43C 15/02 6A43B 5/00**  
[25] EN  
[54] **SPIKE CONSTRUCTION OF GOLF SHOES**  
[54] **CRAMPONS DE CHAUSSURES DE GOLF**  
[72] SHIEH, SHANQ-CHING, TW  
[71] SHIEH, SHANQ-CHING, TW  
[22] 1999-09-08  
[43] 2001-03-08

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[21] **2,281,505**  
[13] A1

[51] **Int.Cl. 6B65B 11/06 6B65H 16/00**  
[25] EN  
[54] **PRE-STRETCH WEB DISPENSER**  
[54] **DISTRIBUTEUR DE BANDE CONTINUE A PRE-ETIRAGE**  
[72] MACKIE, LAURIE ROBERT, CA  
[71] 1137508 ONTARIO LTD., CA  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,281,522**  
[13] A1

[51] **Int.Cl. 6H04L 27/12 6H04L 27/152**  
[25] EN  
[54] **DELTA-SIGMA BASED TWO-POINT ANGLE MODULATION SCHEME**  
[54] **SCHEMA DE MODULATION ANGULAIRE DELTA-SIGMA A DEUX POINTS**  
[72] FILIOL, NORMAN M., CA  
[72] RILEY, THOMAS A. D., CA  
[71] PHILSAR ELECTRONICS INC., CA  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,281,727**  
[13] A1

[51] **Int.Cl. 6F04B 47/02 6E21B 17/00 6F04D 3/02 6E21B 43/16**  
[25] EN  
[54] **SINGLE STRING ROTARY PUMP SYSTEM**  
[54] **SYSTEME DE POMPE ROTATIVE DE TRAIN DE TIGES SIMPLE**  
[72] WANG, JAMES, CA  
[71] WANG, JAMES, CA  
[22] 1999-09-09  
[43] 2001-03-09

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[21] **2,281,737**  
[13] A1  
[51] **Int.Cl. 6E04G 1/20**  
[25] EN  
[54] **SELF-RAISING, CATERPILLAR-DRIVEN PLATFORM ASSEMBLY**  
[54] **PLATE-FORME A TOUR REGLABLE MONTEE SUR CHENILLES**  
[72] ROBILLARD, JEAN G., CA  
[71] ROBILLARD, JEAN G., CA  
[22] 1999-09-09  
[43] 2001-03-09

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[21] **2,281,754**  
[13] A1  
[51] **Int.Cl. 6F16M 11/04 6F41C 27/00**  
[25] EN  
[54] **MOUNTING AN ARTICLE UPON A SUPPORT**  
[54] **MONTAGE D'UN ARTICLE SUR UN SUPPORT**  
[72] SHAW, STEPHEN DAVID, CA  
[71] SHAW, STEPHEN DAVID, CA  
[22] 1999-09-09  
[43] 2001-03-09

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[21] **2,281,822**  
[13] A1  
[51] **Int.Cl. 6G01R 31/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TESTING AN ELECTRICAL CIRCUIT**  
[54] **METHODE ET APPAREILLAGE D'ESSAI D'UN CIRCUIT ELECTRIQUE**  
[72] BURTON, KEVIN PAUL, CA  
[71] BURTON, KEVIN PAUL, CA  
[22] 1999-09-08  
[43] 2001-03-08

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[21] **2,281,837**  
[13] A1  
[51] **Int.Cl. 6A61K 31/20 6A61K 9/20 6A61K 9/48**  
[25] EN  
[54] **SOLID PHARMACEUTICAL COMPOSITION COMPRISING A RETINOID AND POLYETHYLENE GLYCOL**  
[54] **COMPOSITION PHARMACEUTIQUE SOLIDE A BASE DE RETINOIDE ET DE POLYETHYLENEGLYCOL**  
[72] SHERMAN, BERNARD CHARLES, CA  
[71] SHERMAN, BERNARD CHARLES, CA  
[22] 1999-09-07  
[43] 2001-03-07

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[21] **2,281,851**  
[13] A1  
[51] **Int.Cl. 6G08B 5/36**  
[25] EN  
[54] **PORTABLE HAZARD-WARNING DEVICE**  
[54] **DISPOSITIF DE SIGNALISATION DE DANGER PORTABLE**  
[72] WANG, SHIUNN TERNY, TW  
[71] WANG, SHIUNN TERNY, TW  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,281,974**  
[13] A1  
[51] **Int.Cl. 6A63F 7/07**  
[25] FR  
[54] **JEU DU GENRE FOOTBALL DE TABLE**  
[54] **TABLE-FOOTBALL TYPE OF GAME**  
[72] HAMOT, THIERRY, FR  
[71] HAMOT, THIERRY, FR  
[22] 1999-09-09  
[43] 2001-03-09

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[21] **2,281,990**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **METHOD OF CHARACTERIZING A POPULATION OF NUCLEIC ACIDS BY COMPARATIVE HYBRIDIZATION**  
[54] **METHODE DE CARACTERISATION D'UNE POPULATION D'ACIDES NUCLEIQUES PAR HYBRIDATION COMPARATIVE**  
[72] ROSS, JONATHAN JAMES, US  
[71] ROSS, JONATHAN JAMES, US  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,033**  
[13] A1  
[51] **Int.Cl. 6A47L 11/20 6A47L 11/40**  
[25] EN  
[54] **DUST SHIELD APPARATUS FOR FLOOR MACHINES**  
[54] **APPAREIL PARE-POUSSIERE POUR MACHINES A PARQUETS**  
[72] KIERN, BRUCE M., US  
[71] ORECK HOLDINGS, LLC, US  
[22] 1999-09-10  
[43] 2001-03-09  
[30] US (09/393,217) 1999-09-09

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[21] **2,282,058**  
[13] A1  
[51] **Int.Cl. 6C04B 16/10 6B28B 1/50**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INCREASING THE DENSITY OF LIGHTWEIGHT AGGREGATE FOR USE IN MAKING LIGHTWEIGHT CONCRETE**  
[54] **METHODE ET APPAREIL POUR AUGMENTER LA DENSITE D'AGREGATS LEGERES UTILISES POUR LA PRODUCTION DE BETON LEGER**  
[72] GUINDON, Benoît, CA  
[72] BANNON, MICHEL, CA  
[71] GUINDON, Benoît, CA  
[71] BANNON, MICHEL, CA  
[22] 1999-09-08  
[43] 2001-03-08

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[21] **2,282,062**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **DIAGNOSTIC METHODS IN AUTOIMMUNE DISEASE**  
[54] **METHODES DE DIAGNOSTIC DES MALADIES AUTO-IMMUNES**  
[72] KEOWN, PAUL A., CA  
[72] KHANI-HANJANI, ABBAS, CA  
[72] HOAR, DAVID, CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[22] 1999-09-08  
[43] 2001-03-08

**Demandes canadiennes mises à la disponibilité du public**  
**4 mars 2001 - 10 mars 2001**

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[21] **2,282,070**  
[13] A1

[51] **Int.Cl. 7C07F 17/00 7C08F 110/00 7C08F 110/02 7C08F 210/16**  
[25] EN  
[54] **HYDROCARBYL PHOSPHINIMINE/ CYCLOPENTADIENYL COMPLEXES OF GROUP IV METALS AND PREPARATION THEREOF**  
[54] **COMPLEXES ENTRE UN METAL DU GROUPE IV, UN RADICAL CYCLOPENTADIENYLE ET UNE PHOSPHINIMINE SUBSTITUEE AVEC UN RADICAL HYDROCARBONE, ET PREPARATION DE CEUX-CI**  
[72] JEREMIC, DUSAN, CA  
[72] STEPHAN, DOUGLAS W., CA  
[72] VON HAKEN SPENCE, RUPERT EDWARD, CA  
[72] WURZ, RYAN PAUL, CA  
[72] BROWN, STEPHEN JOHN, CA  
[71] NOVA CHEMICALS CORPORATION, CA  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,072**  
[13] A1

[51] **Int.Cl. 6A63B 23/16**  
[25] EN  
[54] **HAND REHABILITATION GLOVE**  
[54] **GANT DE READAPTATION POUR LA MAIN**  
[72] BRASSIL, THOMAS W., US  
[71] BRASSIL, THOMAS W., US  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,077**  
[13] A1

[51] **Int.Cl. 6A47F 5/08 6B25H 3/04**  
[25] EN  
[54] **SOCKET DISPLAYING DEVICE**  
[54] **PRESENTOIR A DOUILLES**  
[72] LEE, JACK, TW  
[71] LEE, JACK, TW  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,078**  
[13] A1

[51] **Int.Cl. 6B25B 13/46**  
[25] EN  
[54] **RATCHET TOOL**  
[54] **OUTIL A ROCHET**  
[72] LEE, JACK, TW  
[71] LEE, JACK, TW  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,079**  
[13] A1

[51] **Int.Cl. 6B25H 3/04**  
[25] EN  
[54] **SOCKET RECEIVING DEVICE**  
[54] **PORTE-DOUILLES**  
[72] LEE, JACK, TW  
[71] LEE, JACK, TW  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,084**  
[13] A1

[51] **Int.Cl. 6G01J 1/50**  
[25] EN  
[54] **RADIATION INDICATOR DEVICE**  
[54] **DISPOSITIF INDICATEUR DE RAYONNEMENT**  
[72] HUDDA, KARIMA, CA  
[72] WANG, SANYI, CA  
[72] JACKSON, STUART A., CA  
[72] ATRAZHEVA, ELENA, CA  
[72] MERCER, JOHN R., CA  
[71] HUDDA, KARIMA, CA  
[71] WANG, SANYI, CA  
[71] JACKSON, STUART A., CA  
[71] ATRAZHEVA, ELENA, CA  
[71] MERCER, JOHN R., CA  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,091**  
[13] A1

[51] **Int.Cl. 6H02J 1/00**  
[25] EN  
[54] **APPARATUS FOR CIRCUIT POWER-DOWN**  
[54] **APPAREIL DE MISE HORS TENSION DE CIRCUITS**  
[72] ILIASEVITCH, STEPAN, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,119**  
[13] A1

[51] **Int.Cl. 6G09D 3/12 6B42D 5/04**  
[25] EN  
[54] **CALENDAR SYSTEM**  
[54] **SYSTEME DE CALENDRIER**  
[72] HAYES, MURRAY, CA  
[71] HAYES, MURRAY, CA  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,154**  
[13] A1

[51] **Int.Cl. 6E06B 3/50**  
[25] EN  
[54] **DOUBLE PIVOTABLE DOOR**  
[54] **PORTE A DOUBLE PIVOTEMENT**  
[72] BARBEAU, JEAN, CA  
[71] GROUPE PRO-PLUS INC., CA  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,178**  
[13] A1

[51] **Int.Cl. 7C07C 11/02 7C07C 2/32**  
[25] EN  
[54] **IMPROVED PROCESS FOR LINEAR ALPHA-OLEFIN PRODUCTION WITH SUPERCRITICAL ETHYLENE RECYCLE**  
[54] **PROCEDE AMELIORE POUR LA PRODUCTION D'ALPHA-OLEFINES LINEAIRES COMPORANT UN RECYCLAGE DE L'ETHYLENE SUPERCRITIQUE**  
[72] JOHNSON, BRIAN H., US  
[72] SECHRIST, PAUL A., US  
[71] UOP LLC, US  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,179**  
[13] A1

[51] **Int.Cl. 6C12N 15/62 6C12N 15/12**  
[25] EN  
[54] **ENHANCED PHAGE DISPLAY LIBRARY**  
[54] **PRESENTOIR DE LIBRAIRIE A PHAGE AMELIORE**  
[72] HERMAN, WILLIAM, CA  
[72] DAN, MICHAEL, CA  
[72] NARANG, SARAN, CA  
[72] TANHA, JAMSHID, CA  
[72] ENTWISTLE, JOCELYN, CA  
[72] KAPLAN, HOWARD, CA  
[71] NOVOPHARM BIOTECH INC., CA  
[22] 1999-09-07  
[43] 2001-03-07

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[21] **2,282,180**  
[13] A1  
[51] **Int.Cl. 6B27M 3/00 6B27M 3/12**  
[25] EN  
[54] **MULTI-COLORED SOLID WOOD COMBINATION FOR DECORATIVE/FURNITURE PURPOSES**  
[54] **COMBINAISON DE BOIS MULTICOLORE POUR FINS DECORATIVES OU D'AMEUBLEMENT**  
[72] WU, A. HUA, CN  
[71] WU, A. HUA, CN  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,282,185**  
[13] A1  
[51] **Int.Cl. 7A61K 31/70**  
[25] EN  
[54] **OENOTHEIN MEDICAMENTS**  
[54] **MEDICAMENTS A BASE D'OENOTHEINE**  
[72] STECK, WARREN, CA  
[72] HETHERINGTON, MARK, CA  
[71] FYTOKEM PRODUCTS INC., CA  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,283,087**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/24 6H04M 11/04**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DELIVERY OF WIRELESS USER IDENTIFICATION AND LOCATION**  
[54] **METHODE ET SYSTEME DE TRANSMISSION SANS FIL DE L'IDENTIFICATION ET DE L'EMPLACEMENT DES UTILISATEURS**  
[72] DAVIS, PARKE, CA  
[72] ARYAL, PRAMOD K., CA  
[72] GUATTO, MICHAEL J., CA  
[71] CLEARNET PCS INC., CA  
[22] 1999-09-09  
[43] 2001-03-09

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[21] **2,283,389**  
[13] A1  
[51] **Int.Cl. 6A47B 19/00**  
[25] EN  
[54] **INVERTED DESK**  
[54] **PUPITRE INVERSE**  
[72] KLOOSTERMAN, JOHN C., CA  
[71] KLOOSTERMAN, JOHN C., CA  
[22] 1999-09-07  
[43] 2001-03-07

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[21] **2,283,531**  
[13] A1  
[51] **Int.Cl. 6B42C 1/12 6B41J 13/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DELIVERING FLAT PRODUCTS**  
[54] **METHODE ET DISPOSITIF DE FOURNITURE DE PRODUITS PLATS**  
[72] VARY, SYLVIO, CA  
[72] DUVAL, MARC, CA  
[72] FEUILTAULT, DOMINIQUE, CA  
[72] GAMBA, ANDRÉ, CA  
[71] VARY, SYLVIO, CA  
[71] DUVAL, MARC, CA  
[71] FEUILTAULT, DOMINIQUE, CA  
[71] GAMBA, ANDRÉ, CA  
[22] 1999-09-07  
[43] 2001-03-07

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[21] **2,283,542**  
[13] A1  
[51] **Int.Cl. 6F24F 13/10 6F24F 7/00**  
[25] FR  
[54] **SYSTEME D'ENTREE D'AIR A DOUBLE MOUVEMENT POUR LES BATIMENTS D'ELEVAGE**  
[54] **DOUBLE-MOTION AIR INTAKE SYSTEM FOR LIVESTOCK BUILDING**  
[72] PERREAULT, JEAN-PIERRE, CA  
[71] PERREAULT, JEAN-PIERRE, CA  
[22] 1999-09-09  
[43] 2001-03-09

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[21] **2,283,552**  
[13] A1  
[51] **Int.Cl. 6E05B 49/00 6E05B 65/00**  
[25] EN  
[54] **ACTIVATION CODE AND OWNERSHIP IDENTIFICATION SYSTEM FOR POWER TOOLS**  
[54] **CODE D'ACTIVATION ET SYSTEME D'IDENTIFICATION DU PROPRIETAIRE POUR OUTILS ELECTRIQUES**  
[72] ST. PIERRE, JEAN-GUY, CA  
[71] ST. PIERRE, JEAN-GUY, CA  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,283,554**  
[13] A1  
[51] **Int.Cl. 6G01L 5/00 6A63B 69/00 6A63B 71/06**  
[25] EN  
[54] **SPORTS IMPACT ESTIMATING APPARATUS**  
[54] **APPAREIL DE MESURE DE LA FORCE IMPULSIVE POUR LE SPORT**  
[72] KONOVALOV, IGOR, CA  
[71] KONOVALOV, IGOR, US  
[22] 1999-09-10  
[43] 2001-03-10

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[21] **2,283,579**  
[13] A1  
[51] **Int.Cl. 6B65D 35/28**  
[25] FR  
[54] **PRESS TUBE**  
[54] **TUBE PRESS**  
[72] JUTRAS, MARIO M. J., CA  
[71] JUTRAS, MARIO M. J., CA  
[22] 1999-09-08  
[43] 2001-03-08

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[21] **2,283,594**  
[13] A1  
[51] **Int.Cl. 6A01M 21/04 6B05C 1/06**  
[25] EN  
[54] **ON CONTACT HERBICIDE APPLICATOR**  
[54] **APPAREIL DE TRAITEMENT A HERBICIDE PAR CONTACT**  
[72] NYLEN, TERRANCE DALE, CA  
[71] NYLEN, TERRANCE DALE, CA  
[22] 1999-09-09  
[43] 2001-03-09

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[21] **2,283,604**  
[13] A1  
[51] **Int.Cl. 6A61H 36/00 6A41B 9/00 6A63B 26/00 6A41D 13/00**  
[25] EN  
[54] **PLASTIC DISPOSABLE WEIGHT LOSS GARMENT**  
[54] **VETEMENT D'AMAIGRISSEMENT EN PLASTIQUE JETABLE**  
[72] BROWN, DUANE, CA  
[72] RAMIREZ, HAMILTON, CA  
[71] BROWN, DUANE, CA  
[71] RAMIREZ, HAMILTON, CA  
[22] 1999-09-10  
[43] 2001-03-10

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,283,605**  
[13] A1

[51] **Int.Cl. 6F25B 7/00 6F25B 30/02**  
[25] EN  
[54] **REFRIGERATION SYSTEM WITH HEAT RECLAIM AND WITH FLOATING CONDENSING PRESSURE**  
[54] **SYSTEME DE REFRIGERATION AVEC RECUPERATEUR DE CHALEUR ET PRESSION DE CONDENSATION FLOTTANTE**  
[72] KANTCHEV, JORDAN, CA  
[71] KANTCHEV, JORDAN, CA  
[22] 1999-09-09  
[43] 2001-03-09

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[21] **2,283,644**  
[13] A1

[51] **Int.Cl. 6B09C 1/08**  
[25] EN  
[54] **REMEDIATION OF SOIL CONTAMINATED WITH ORGANIC COMPOUNDS**  
[54] **TRAITEMENT CORRECTEUR DE SOL CONTAMINE PAR DES COMPOSES ORGANIQUES**  
[72] LUONG, HUAN V., US  
[72] LIN, HSING KUANG, US  
[71] UNIVERSITY OF ALASKA, FAIRBANKS, US  
[22] 1999-09-09  
[43] 2001-03-09

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[21] **2,288,349**  
[13] A1

[51] **Int.Cl. 7G02B 5/26 7G02B 6/18**  
[25] EN  
[54] **LONG PERIOD OPTICAL FIBER GRATING FILTER DEVICE**  
[54] **DISPOSITIF DE FILTRAGE A RESEAU DE FIBRES OPTIQUES DE LONGUE PERIODE**  
[72] JANG, JOO-NYUNG, KR  
[72] KIM, MIN-SUNG, KR  
[72] KIM, SE-YOON, KR  
[72] KIM, SUN-WOOK, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1999-11-02  
[43] 2001-03-09  
[30] KR (38267/1999) 1999-09-09

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[21] **2,290,759**  
[13] A1

[51] **Int.Cl. 7H01R 13/70 7H03K 17/94**  
[25] EN  
[54] **INTELLIGENT SWITCH CONTROL CIRCUIT**  
[54] **CIRCUIT DE COMMANDE DE COMMUTATEUR INTELLIGENT**  
[72] BAER, MARK E., US  
[72] ROBITAILLE, JAMES M., US  
[72] CREVLING, ROBERT L., JR., US  
[72] HALEY, EDWARD M., US  
[71] SHOP VAC CORPORATION, US  
[22] 1999-11-25  
[43] 2001-03-07  
[30] US (09/391,283) 1999-09-07

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[21] **2,291,362**  
[13] A1

[51] **Int.Cl. 7B65B 19/34**  
[25] EN  
[54] **STRAW WRAPPING MACHINE, METHOD AND PRODUCT USING A PLASTIC FILM WRAPPER**  
[54] **MACHINE D'EMBALLAGE DE PAILLES, METHODE ET PRODUIT UTILISANT UNE MACHINE D'EMBALLAGE SOUS PELLICULE PLASTIQUE**  
[72] QUINTIN, YVES, CA  
[72] SETTON, SIMON, CA  
[72] MEETZE, MARION MICHAEL, US  
[71] GLOPAK INC., CA  
[22] 1999-12-02  
[43] 2001-03-07  
[30] US (09/391,011) 1999-09-07

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[21] **2,291,371**  
[13] A1

[51] **Int.Cl. 7A47K 13/24**  
[25] EN  
[54] **TOILET SEAT ACTUATOR**  
[54] **ACTIONNEUR DE SIEGE DE TOILETTE**  
[72] LYNCH, JAMES, CA  
[71] LYNCH, JAMES, CA  
[22] 1999-12-01  
[43] 2001-03-08  
[30] US (60/152,799) 1999-09-08

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[21] **2,292,152**  
[13] A1

[51] **Int.Cl. 7E21B 7/18**  
[25] EN  
[54] **HYDROVAC EXCAVATING BLAST WAND**  
[54] **LANCE D'ASPIRATEUR HYDRAULIQUE POUR EXCAVATION PAR JET**  
[72] RAJEWSKI, ROBERT C., CA  
[71] RAJEWSKI, ROBERT C., CA  
[22] 1999-12-14  
[43] 2001-03-09  
[30] US (09/392,738) 1999-09-09

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[21] **2,292,871**  
[13] A1

[51] **Int.Cl. 7E04H 3/02**  
[25] EN  
[54] **FAST BREAK INN**  
[54] **CHAMBRES SIMPLES**  
[72] TIONGCO, ANTONIO L., US  
[72] TALENS, ALFRED R., US  
[71] TIONGCO, ANTONIO L., US  
[71] TALENS, ALFRED R., US  
[22] 1999-12-13  
[43] 2001-03-08  
[30] US (60-147-866) 1999-09-08

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[21] **2,295,197**  
[13] A1

[51] **Int.Cl. 7B41M 5/30**  
[25] EN  
[54] **THERMALLY-RESPONSIVE RECORD MATERIAL**  
[54] **MATERIAU D'ENREGISTREMENT THERMOSENSIBLE**  
[72] FISHER, MARK ROBERT, US  
[72] DEBRAAL, JOHN CHARLES, US  
[72] MATHIAPARANAM, PONNAMPALAM, US  
[71] APPLETON PAPERS INC., US  
[22] 2000-01-06  
[43] 2001-03-08  
[30] US (09/391,575) 1999-09-08



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[21] **2,295,895**  
[13] A1  
[51] **Int.Cl. 7A61G 5/14 7A47C 3/00**  
**7A47C 3/02**  
[25] EN  
[54] **LIFT CHAIR**  
[54] **CHAISE DE LEVAGE**  
[72] VEILLEUX, ANDRÉ, CA  
[72] MARCOUX, YVAN, CA  
[71] GROUPE MYCA, INC., CA  
[22] 2000-01-13  
[43] 2001-03-07  
[30] US (09/390,906) 1999-09-07

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[21] **2,297,398**  
[13] A1  
[51] **Int.Cl. 7B01D 1/00**  
[25] EN  
[54] **PRODUCED WATER DISPOSAL SYSTEM**  
[54] **SYSTEME D'ELIMINATION DE L'EAU RECUEILLIE**  
[72] RAJEWSKI, ROBERT C., CA  
[71] RAJEWSKI, ROBERT C., CA  
[22] 2000-01-27  
[43] 2001-03-08  
[30] US (60/152,814) 1999-09-08

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[21] **2,298,301**  
[13] A1  
[51] **Int.Cl. 7H01M 10/26**  
[25] EN  
[54] **DICARBONATE ADDITIVES FOR NONAQUEOUS ELECTROLYTE RECHARGEABLE CELLS**  
[54] **ADDITIFS DE BICARBONATE POUR PILES RECHARGEABLES A ELECTROLYTE NON AQUEUX**  
[72] GAN, HONG, US  
[72] TAKEUCHI, ESTHER S., US  
[71] WILSON GREATBATCH LTD., US  
[22] 2000-02-08  
[43] 2001-03-09  
[30] US (09/394,316) 1999-09-09

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[21] **2,298,923**  
[13] A1  
[51] **Int.Cl. 7A01B 61/04 7A01B 23/02**  
**7A01B 35/06**  
[25] EN  
[54] **SPRING TRIP STANDARD WITH POSITIVE STOP**  
[54] **MONTANT A DECLenchEMENT A RESSORT AVEC BUTEE FIXE**  
[72] HOOK, RICHARD WAYNE, US  
[72] ZAUN, RICHARD DAVID, US  
[71] DEERE & COMPANY, US  
[22] 2000-02-17  
[43] 2001-03-10  
[30] US (09/393,531) 1999-09-10

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[21] **2,298,965**  
[13] A1  
[51] **Int.Cl. 7H01M 8/24 7H01M 8/10**  
[25] EN  
[54] **JOINED SOLID OXIDE FUEL CELL STACKS AND METHOD FOR FABRICATING SAME**  
[54] **COLONNES DE PILES A COMBUSTIBLE OXYDE SOLIDE RACCORDEES ET METHODE DE FABRICATION**  
[72] ELANGO VAN, SINGARAVELU, US  
[72] FROST, LYMAN J., US  
[72] HARTVIGSEN, JOSEPH JAY, US  
[72] LARSEN, DENNIS L., US  
[72] TIMPER, MARK, US  
[71] SOFCO, US  
[22] 2000-02-18  
[43] 2001-03-08  
[30] US (09/391,947) 1999-09-08

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[21] **2,299,225**  
[13] A1  
[51] **Int.Cl. 7C04B 35/80**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANUFACTURING CERAMIC-BASED COMPOSITE MEMBER**  
[54] **METHODE ET APPAREIL POUR LA FABRICATION D'UN ELEMENT EN COMPOSITE A BASE DE CERAMIQUE**  
[72] NAKAMURA, TAKESHI, JP  
[72] MURATA, HIROSHIGE, JP  
[72] SHIODA, MUNAYOSHI, JP  
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP  
[22] 2000-02-23  
[43] 2001-03-06  
[30] JP (251410/1999) 1999-09-06

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[21] **2,299,758**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **DYNAMIC AD TARGETING BY AN INTERNET SERVER**  
[54] **CIBLAGE PUBLICITAIRE DYNAMIQUE PAR SERVEUR INTERNET**  
[72] HAITSUKA, STACY, US  
[72] ZEBIAN, MARWAN, US  
[72] BURR, RONALD, US  
[72] MACKENZIE, HAROLD, US  
[72] WARREN, TERRY, US  
[71] NETZERO, INC., US  
[22] 2000-02-28  
[43] 2001-03-09  
[30] US (09/393,391) 1999-09-09  
[30] US (09/419,480) 1999-10-15

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[21] **2,300,497**  
[13] A1  
[51] **Int.Cl. 7A01D 34/76 7F16H 7/12**  
[25] EN  
[54] **TENSIONING IDLER ASSEMBLY FOR MOWER DECK BELT DRIVE**  
[54] **ENSEMBLE DE TENSIONNEMENT DE PIGNON FOU POUR ENTRAINEMENT PAR COURROIE DE CHASSIS DE TONDEUSE**  
[72] HOLLAND, RONALD PAUL, US  
[72] KUHN, JOHN BOYD, US  
[72] THORMAN, CHRISTOPHER SCOTT, US  
[71] DEERE & COMPANY, US  
[22] 2000-03-13  
[43] 2001-03-10  
[30] US (09/393,526) 1999-09-10

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[21] **2,300,498**  
[13] A1  
[51] **Int.Cl. 7A01D 34/76 7F16H 7/12**  
[25] EN  
[54] **SYNCHRONOUS BELT DRIVE TENSIONING ASSEMBLY**  
[54] **ENSEMBLE DE TENSIONNEMENT SYNCHROME POUR ENTRAINEMENT PAR COURROIE**  
[72] THORMAN, CHRISTOPHER SCOTT, US  
[72] HOLLAND, RONALD PAUL, US  
[71] DEERE & COMPANY, US  
[22] 2000-03-13  
[43] 2001-03-10  
[30] US (09/393,804) 1999-09-10

**Demandes canadiennes mises à la disponibilité du public**  
**4 mars 2001 - 10 mars 2001**

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[21] **2,303,504**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A61K 48/00 7C12N 15/23 7G01N 33/68**  
[25] EN  
[54] **DIAGNOSTIC METHODS IN AUTOIMMUNE DISEASE**  
[54] **METHODES DE DIAGNOSTIC DES MALADIES AUTO-IMMUNES**  
[72] KEOWN, PAUL A., CA  
[72] KHANI-HANJANI, ABBAS, CA  
[72] HOAR, DAVID, CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[22] 2000-04-10  
[43] 2001-03-08  
[30] CA (2,228,062) 1999-09-08  
[30] US (60/160,618) 1999-10-20  
[30] US (60/160,617) 1999-10-20  
[30] US (60/172,594) 1999-12-20

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[21] **2,304,918**  
[13] A1

[51] **Int.Cl. 7B23B 29/32**  
[25] EN  
[54] **OPERATING UNIT WITH AN AUTOMATIC TOOL CHANGING DEVICE AND TRANSFER TOOL MACHINE INCLUDING THE SAME**  
[54] **UNITE D'EXPLOITATION AVEC DISPOSITIF AUTOMATIQUE DE CHANGEMENT D'OUTIL ET MACHINE DE TRANSFERT D'OUTIL COMPRENANT CE MEME DISPOSITIF**  
[72] PORTA, OSCAR, IT  
[71] PORTA, OSCAR, IT  
[22] 2000-04-07  
[43] 2001-03-10  
[30] IT (MI99A-001905) 1999-09-10

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[21] **2,304,966**  
[13] A1

[51] **Int.Cl. 7E21B 10/46**  
[25] EN  
[54] **BI-CENTER BIT ADAPTED TO DRILL CASING SHOE**  
[54] **TREPAN BI-CENTRE ADAPTE AU SABOT DE TUBAGE DE FORAGE**  
[72] FIELDER, COY M., US  
[72] SILVA, ROGERIO H., US  
[71] DIAMOND PRODUCTS INTERNATIONAL, INC., US  
[22] 2000-04-10  
[43] 2001-03-08  
[30] US (09/392,043) 1999-09-08

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[21] **2,308,049**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A61P 19/00 7C12N 15/23 7C12P 19/34**  
[25] EN  
[54] **DIAGNOSTIC AND THERAPEUTIC METHODS IN AUTOIMMUNE DISEASE**  
[54] **METHODES DE DIAGNOSTIC ET DE TRAITEMENT DES MALADIES AUTO-IMMUNES**  
[72] KEOWN, PAUL A., CA  
[72] KHANI-HANJANI, ABBAS, CA  
[72] HOAR, DAVID, CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[22] 2000-04-07  
[43] 2001-03-08  
[30] CA (2,282,062) 1999-09-08  
[30] US (60/160,618) 1999-10-20  
[30] US (60/160,617) 1999-10-20  
[30] CA (2,290,231) 1999-11-23  
[30] US (60/172,594) 1999-12-20

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[21] **2,310,202**  
[13] A1

[51] **Int.Cl. 7H04L 5/16 7H04L 12/40**  
[25] EN  
[54] **NETWORK BUS BRIDGE AND SYSTEM**  
[54] **PONT ET SYSTEME DE BUS RESEAU**  
[72] SASAKI, YUHI, JP  
[72] SHINOHARA, TOSHIKI, JP  
[72] TSUZUKI, KENGO, JP  
[71] MATSUSHITA ELECTRICAL INDUSTRIAL CO., LTD., JP  
[22] 2000-05-29  
[43] 2001-03-10  
[30] JP (11-257636) 1999-09-10

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[21] **2,311,035**  
[13] A1

[51] **Int.Cl. 7A61K 31/695 7A61P 1/00 7A61P 1/04**  
[25] EN  
[54] **USE OF SIMETHICONE TO TREAT ULCERATIVE COLITIS**  
[54] **UTILISATION DE LA SIMETHICONE POUR LE TRAITEMENT DE LA COLITE ULCEREUSE**  
[72] SOX, THOMAS, US  
[71] MCNEIL-PPC, INC., US  
[22] 2000-06-08  
[43] 2001-03-07  
[30] US (09/390,812) 1999-09-07

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[21] **2,311,955**  
[13] A1

[51] **Int.Cl. 7B65G 15/08 7B65G 23/44 7B65G 15/60**  
[25] EN  
[54] **BELT DRIVE FOR A BELT CONVEYOR**  
[54] **ENTRAINEMENT PAR COURROIE POUR CONVOYEUR**  
[72] EPP, RICHARD J., CA  
[72] EPP, DWAYNE S., CA  
[71] EPP, RICHARD J., CA  
[71] EPP, DWAYNE S., CA  
[22] 2000-06-19  
[43] 2001-03-07  
[30] US (09/391,666) 1999-09-07  
[30] US (09/430,011) 1999-10-29

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[21] **2,312,189**  
[13] A1

[51] **Int.Cl. 7H04J 14/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ADDING/DROPPING OPTICAL CHANNELS**  
[54] **METHODE ET APPAREIL A INSERTION/EXTRACTION DE VOIES OPTIQUES**  
[72] SOLHEIM, ALAN G., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-06-23  
[43] 2001-03-08  
[30] US (09/390213) 1999-09-08

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[21] **2,312,439**  
[13] A1

[51] **Int.Cl. 7C08L 21/00 7C08L 7/00 7C08L 25/10**  
[25] EN  
[54] **RUBBER COMPOSITION CONTAINING HYDROXYL TERMINATED POLYALKYLENE POLYMER AND TIRE WITH TREAD THEREOF**  
[54] **COMPOSITION DE CAOUTCHOUC RENFERMANT UN POLYALKYLENE A TERMINAISONS HYDROXYLES ET PNEU AVEC SEMELLE EN CELLE-CI**  
[72] SANDSTROM, PAUL HARRY, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-06-27  
[43] 2001-03-10  
[30] US (09/393,733) 1999-09-10

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March 4, 2001 - March 10, 2001

[21] **2,312,450**  
[13] A1  
[51] **Int.Cl. 7C08L 21/00 7C08L 7/00 7C08L 25/10**  
[25] EN  
[54] **RUBBER COMPOSITION CONTAINING HYDROXYL TERMINATED LIQUID POLYMER AND TIRE WITH SIDEWALL THEREOF**  
[54] **COMPOSITION DE CAOUTCHOUC RENFERMANT UN POLYMERE LIQUIDE A TERMINAISONS HYDROXYLES ET PNEU AVEC FLANC EN CELLE-CI**  
[72] SANDSTROM, PAUL HARRY, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-06-27  
[43] 2001-03-10  
[30] US (09/393,550) 1999-09-10

[21] **2,312,575**  
[13] A1  
[51] **Int.Cl. 7B60P 1/52 7B62D 33/02**  
[25] EN  
[54] **PULL OUT DRAWER SYSTEM FOR VEHICLES AND TRAILERS**  
[54] **SYSTEME DE TIROIRS POUR VEHICULES ET REMORQUES**  
[72] DARBISHIRE, R. ALAN, CA  
[71] CARGOPRO, INC., CA  
[22] 2000-06-27  
[43] 2001-03-10  
[30] US (09/393,436) 1999-09-10  
[30] US (09/506,057) 2000-02-17

[21] **2,313,980**  
[13] A1  
[51] **Int.Cl. 7C10G 19/02**  
[25] EN  
[54] **METHOD OF REDUCING THE CONCENTRATION OF METAL SOAPS OF PARTIALLY ESTERIFIED PHOSPHATES FROM HYDROCARBON FLOWBACK FLUIDS**  
[54] **METHODE POUR REDUIRE LA CONCENTRATION DE SAVONS METALLIQUES DE PHOSPHATES PARTIELLEMENT ESTERIFIES PROVENANT DE FLUIDES HYDROCARBONES DE REFLUX**  
[72] JONES, CRUISE K., US  
[71] NALCO/EXXON ENERGY CHEMICALS, L.P., US  
[22] 2000-07-14  
[43] 2001-03-08  
[30] US (09/392,171) 1999-09-08

[21] **2,314,280**  
[13] A1  
[51] **Int.Cl. 7F16B 1/00**  
[25] EN  
[54] **LOCKING CLIP WITH MOVEABLE COLLET**  
[54] **AGRAFE DE BLOCAGE AVEC BAGUE DE SERRAGE MOBILE**  
[72] BENOIT, THOMAS A., US  
[72] MEYER, CHARLES, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-07-19  
[43] 2001-03-09  
[30] US (09/394,390) 1999-09-09

[21] **2,314,459**  
[13] A1  
[51] **Int.Cl. 7H05B 3/44**  
[25] EN  
[54] **TUBULAR HEATING ELEMENT**  
[54] **ELEMENT CHAUFFANT TUBULAIRE**  
[72] SCHWARZKOPF, EUGEN, DE  
[71] HOTSET HEIZPATRONEN U. ZUBEHOR GMBH, DE  
[22] 2000-07-25  
[43] 2001-03-09  
[30] DE (199 43 192.2-34) 1999-09-09

[21] **2,314,528**  
[13] A1  
[51] **Int.Cl. 7C23C 4/10 7H01B 3/12**  
[25] EN  
[54] **ALUMINUM OXIDE BASED THICK LAYERS PRODUCED BY PLASMA JET SPRAYING**  
[54] **COUCHES EPAISSES A BASE D'OXYDE D'ALUMINIUM PRODUITES PAR JET DE PLASMA**  
[72] BARBEZAT, GERARD, CH  
[72] ZIMMERMANN, STEFAN, DE  
[71] SULZER METCO AG, CH  
[22] 2000-07-25  
[43] 2001-03-08  
[30] DE (199 42 857.3) 1999-09-08

[21] **2,314,669**  
[13] A1  
[51] **Int.Cl. 7G07F 17/32**  
[25] EN  
[54] **VIDEO GAMING DEVICE HAVING MULTIPLE STACKING FEATURES**  
[54] **APPAREIL DE JEU VIDEO AVEC CARACTERISTIQUES D'EMPLIAGE MULTIPLE**  
[72] JAFFE, JOEL R., US  
[72] FROHM, ERICA A., US  
[72] GIOBBI, JOHN J., US  
[71] WMS GAMING INC., US  
[22] 2000-07-26  
[43] 2001-03-09  
[30] US (09/392,980) 1999-09-09  
[30] US (09/447,109) 1999-11-22

[21] **2,314,579**  
[13] A1  
[51] **Int.Cl. 7A01C 5/06 7A01B 35/00**  
[25] EN  
[54] **AGRICULTURAL GROUND WORKING IMPLEMENT**  
[54] **MACHINERIE AGRICOLE POUR TRAVAILLER LE SOL**  
[72] JUPTNER, DETLEF, DE  
[71] DEERE & COMPANY, US  
[22] 2000-07-20  
[43] 2001-03-04  
[30] DE (199 42 260.5) 1999-09-04

[21] **2,314,663**  
[13] A1  
[51] **Int.Cl. 7C12N 15/10 7C07H 21/00 7A61K 48/00 7C12Q 1/68**  
[25] EN  
[54] **A COMPOSITION FOR PROVIDING LONG TERM STABILITY TO CELLS FOR DIAGNOSTIC TESTING**  
[54] **COMPOSITION QUI STABILISE LES CELLULES A LONG TERME AUX FINS D'UNE EPREUVE DIAGNOSTIQUE**  
[72] BROWN, ANNE B., US  
[72] NUSSBAUMER, WILLIAM A., US  
[72] BERGER, DOLORES M., US  
[72] YURISIS, DARETTA A., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2000-07-26  
[43] 2001-03-10  
[30] US (09/394,006) 1999-09-10

[21] **2,314,669**  
[13] A1  
[51] **Int.Cl. 7G07F 17/32**  
[25] EN  
[54] **VIDEO GAMING DEVICE HAVING MULTIPLE STACKING FEATURES**  
[54] **APPAREIL DE JEU VIDEO AVEC CARACTERISTIQUES D'EMPLIAGE MULTIPLE**  
[72] JAFFE, JOEL R., US  
[72] FROHM, ERICA A., US  
[72] GIOBBI, JOHN J., US  
[71] WMS GAMING INC., US  
[22] 2000-07-26  
[43] 2001-03-09  
[30] US (09/392,980) 1999-09-09  
[30] US (09/447,109) 1999-11-22

**Demandes canadiennes mises à la disponibilité du public**  
**4 mars 2001 - 10 mars 2001**

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[21] **2,314,695**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C07H 21/00 7A61K 48/00 7C12Q 1/68**  
[25] EN  
[54] **A METHOD FOR PROVIDING LONG TERM STABILITY TO CELLS FOR DIAGNOSTIC TESTING**  
[54] **METHODE POUR STABILISER LES CELLULES A LONG TERME AUX FINS D'UNE EPREUVE DIAGNOSTIQUE**  
[72] YURSI, DARETTA A., US  
[72] NUSSBAUMER, WILLIAM A., US  
[72] BROWN, ANNE B., US  
[72] BERGER, DOLORES M., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2000-07-28  
[43] 2001-03-10  
[30] US (09/395,677) 1999-09-10

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[21] **2,314,714**  
[13] A1

[51] **Int.Cl. 7G06T 13/00**  
[25] EN  
[54] **MORPHING IMAGE PROCESSING SYSTEM USING POLYGON REDUCTION PROCESSING**  
[54] **SYSTEME DE TRAITEMENT D'IMAGES PAR MORPHAGE UTILISANT LE TRAITEMENT PAR REDUCTION EN POLYGONES**  
[72] AOYAMA, YOSHINORI, JP  
[72] ARAI, MASATOSHI, JP  
[71] FUJITSU LIMITED, JP  
[22] 2000-07-28  
[43] 2001-03-06  
[30] JP (11-251458) 1999-09-06

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[21] **2,315,313**  
[13] A1

[51] **Int.Cl. 7E05B 1/00**  
[25] EN  
[54] **DAMPER FOR A DOOR HANDLE**  
[54] **AMORTISSEUR DE POIGNEE DE PORTE**  
[72] BIVENS, STEVEN L., US  
[72] BELLA, JOSEPH J., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-07-19  
[43] 2001-03-09  
[30] US (09/393,592) 1999-09-09

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[21] **2,315,503**  
[13] A1

[51] **Int.Cl. 7A63F 13/00 7G07F 17/32**  
[25] EN  
[54] **GAMING MACHINE WITH UNIFIED IMAGE ON MULTIPLE VIDEO DISPLAYS**  
[54] **APPAREIL DE JEUX DE HASARD AVEC IMAGE UNIFIEE SUR UNITES DE VISUALISATION MULTIPLES**  
[72] JAFFE, JOEL R., US  
[71] WMS GAMING INC., US  
[22] 2000-08-09  
[43] 2001-03-10  
[30] US (09/393,497) 1999-09-10

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[21] **2,315,506**  
[13] A1

[51] **Int.Cl. 7G07F 17/32**  
[25] EN  
[54] **GAMING MACHINE WITH ANIMATED REEL SYMBOLS FOR PAYOFF**  
[54] **APPAREIL DE JEUX DE HASARD AVEC SYMBOLES DE TAMBOUR ANIMES POUR INDIQUER LES GAINS**  
[72] JAFFE, JOEL R., US  
[72] GURA, DAMON E., US  
[72] RANESES, ISMAELITO B., US  
[71] WMS GAMING INC., US  
[22] 2000-08-09  
[43] 2001-03-10  
[30] US (09/393,492) 1999-09-10

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[21] **2,315,966**  
[13] A1

[51] **Int.Cl. 7F16F 9/19**  
[25] EN  
[54] **FLUID-FILLED VIBRATION DAMPING DEVICE HAVING IMPROVED PARTITION STRUCTURE**  
[54] **AMORTISSEUR DE VIBRATIONS REMPLI DE LIQUIDE A STRUCTURE COMPARTIMENTEE AMELIOREE**  
[72] SHIMIZU, YORISHIGE, JP  
[71] TOKAI RUBBER INDUSTRIES, LTD., JP  
[22] 2000-08-08  
[43] 2001-03-06  
[30] JP (11-251717) 1999-09-06

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[21] **2,315,973**  
[13] A1

[51] **Int.Cl. 7B60H 1/32 7F25B 39/02 7F04D 17/08 7F04D 29/42**  
[25] EN  
[54] **EVAPORATOR UNIT FOR SMALL BUS**  
[54] **EVAPORATEUR POUR AUTOBUS A PETIT GABARIT**  
[72] SIEGENTHALER, DAVID R., US  
[72] REIMANN, ROBERT C., US  
[71] CARRIER CORPORATION, US  
[22] 2000-08-15  
[43] 2001-03-10  
[30] US (09/393,562) 1999-09-10

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[21] **2,316,050**  
[13] A1

[51] **Int.Cl. 7H02H 3/16 7H01H 83/02**  
[25] EN  
[54] **EARTH PROTECTION DEVICE SENSITIVE TO ARC CURRENTS, TRIP DEVICE AND CIRCUIT BREAKER COMPRISING SUCH A DEVICE**  
[54] **DISPOSITIF DE PROTECTION EN CAS DE FUITE A LA TERRE SENSIBLE AUX COURANTS D'ARC, DISPOSITIF DE DECLENCHEMENT ET DISJONCTEUR COMPORTANT UN TEL DISPOSITIF**  
[72] BLANCHARD, PIERRE, FR  
[72] SUPTITZ, ERIC, FR  
[71] SQUARE D COMPANY, US  
[22] 2000-08-16  
[43] 2001-03-10  
[30] FR (99 11 489) 1999-09-10

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[21] **2,316,060**  
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A23P 1/02 7A61J 3/06 7A23P 1/12**  
[25] EN  
[54] **UNDERWATER PELLETIZING OF ACTIVE-COMPOUND-CONTAINING MELTS**  
[54] **MISE EN AGGLOMERE SOUS-MARINE DE PRODUITS FONDUS CONTENANT DES COMPOSES ACTIFS**  
[72] BERNDL, GUNTHER, DE  
[72] KESSLER, THOMAS, DE  
[72] ERNST, ANDREAS, DE  
[71] BERNDL, GUNTHER, DE  
[71] KESSLER, THOMAS, DE  
[71] ERNST, ANDREAS, DE  
[22] 2000-08-16  
[43] 2001-03-10  
[30] DE (19943501.4) 1999-09-10

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[21] **2,316,316**  
[13] A1  
[51] **Int.Cl. 7F02F 1/42 7F01L 3/22**  
[25] EN  
[54] **CONTINUOUSLY VARIABLE TRANSMISSION AND METHOD OF CONTROLLING THE SAME**  
[54] **TRANSMISSION A CHANGEMENT DE VITESSES CONTINU ET METHODE DE COMMANDE CONNEXE**  
[72] NARITA, SATORU, JP  
[72] FUKUZAWA, SUMIKO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-08-18  
[43] 2001-03-05  
[30] JP (HEI-11-291420) 1999-09-05

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[21] **2,316,404**  
[13] A1  
[51] **Int.Cl. 7C08F 112/08 7C08F 12/06 7C08F 212/06 7C08F 6/28**  
[25] EN  
[54] **POLYMER DEVOLATILISATION APPARATUS**  
[54] **APPAREIL D'EXTRACTION DES MATIERES VOLATILES D'UN POLYMERE**  
[72] CRAIG, THOMAS ORR, GB  
[71] NOVA CHEMICALS EUROPE LIMITED, GB  
[22] 2000-08-18  
[43] 2001-03-09  
[30] GB (9921259.9) 1999-09-09

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[21] **2,316,463**  
[13] A1  
[51] **Int.Cl. 7B60P 1/43 7B60S 13/00 7B66D 3/02**  
[25] EN  
[54] **APPARATUS FOR LOADING AND STORING VEHICLES**  
[54] **APPAREIL POUR LE CHARGEMENT ET L'ENTREPOSAGE DE VEHICULES**  
[72] GOULET, DANIEL CLAUDE, CA  
[71] GOULET, DANIEL CLAUDE, CA  
[22] 2000-08-16  
[43] 2001-03-08  
[30] US (09/390,216) 1999-09-08

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[21] **2,316,475**  
[13] A1  
[51] **Int.Cl. 7F16H 61/42 7F16H 59/24 7F16H 59/36**  
[25] EN  
[54] **CONTROL METHOD FOR HYDROSTATIC TYPE CONTINUOUSLY VARIABLE TRANSMISSION**  
[54] **METHODE DE COMMANDE POUR TRANSMISSION HYDROSTATIQUE A CHANGEMENT DE VITESSES CONTINU**  
[72] YAKIGAYA, NOBUYUKI, JP  
[72] YOSHIDA, YOSHIHIRO, JP  
[72] KIMURA, YOSHIHIRO, JP  
[72] NANRI, TAKEHIKO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-08-18  
[43] 2001-03-05  
[30] JP (HEI-11-291418) 1999-09-05

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[21] **2,316,497**  
[13] A1  
[51] **Int.Cl. 7G01F 23/28**  
[25] EN  
[54] **DEVICE FOR DETERMINING THE FILLING LEVEL OF A FILLING MATERIAL IN A CONTAINER**  
[54] **DISPOSITIF POUR DETERMINER LE NIVEAU D'UN MATERIAU DE REMPLISSAGE DANS UN CONTENANT**  
[72] MULLER, ROLAND, DE  
[72] HAUPTVOGEL, KARL-PETER, DE  
[72] MALZAHN, THOMAS, DE  
[72] BIRGEL, DIETMAR, DE  
[71] ENDRESS + HAUSER GMBH + CO., DE  
[22] 2000-08-15  
[43] 2001-03-07  
[30] EP (99117604.1) 1999-09-07

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[21] **2,316,567**  
[13] A1  
[51] **Int.Cl. 7E04F 13/00 7E04C 2/20**  
[25] EN  
[54] **MOLDED PLASTIC-SIDING PANEL**  
[54] **PANNEAU DE BARDAGE EN PLASTIQUE MOULE**  
[72] GRIMAN, GEORGE A., US  
[72] ERNST, DANIEL J., US  
[72] BRYANT, DAVID A., US  
[71] ALCOA INC., US  
[22] 2000-08-21  
[43] 2001-03-08  
[30] US (09/392,004) 1999-09-08

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[21] **2,316,596**  
[13] A1  
[51] **Int.Cl. 7G01V 3/18 7G01V 3/28 7G01V 3/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PRODUCING A CONDUCTIVITY LOG UNAFFECTED BY SHOULDER EFFECT AND DIP FROM DATA DEVELOPED BY A WELL TOOL**  
[54] **SYSTEME ET METHODE POUR PRODUIRE UN ENREGISTREMENT DE CONDUCTIVITE A L'EPREUVE DES EFFETS D'EPAULE ET DU PENDANGE, A PARTIR DES DONNEES DE TENSION OBTENUES D'UNE SONDE DE PUIITS**  
[72] MINERBO, GERALD N., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2000-08-22  
[43] 2001-03-07  
[30] US (09/391,149) 1999-09-07

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[21] **2,316,658**  
[13] A1  
[51] **Int.Cl. 7H01Q 25/00**  
[25] EN  
[54] **COMPACT FREQUENCY SELECTIVE REFLECTOR ANTENNA**  
[54] **ANTENNE REFLECTRICE ACCORDEE DE FAIBLE TAILLE**  
[72] WU, TE-KAO, US  
[71] TRW INC., US  
[22] 2000-08-24  
[43] 2001-03-10  
[30] US (09/394,386) 1999-09-10

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[21] **2,316,665**  
[13] A1  
[51] **Int.Cl. 7G01V 1/28 7G01V 1/36**  
[25] EN  
[54] **METHOD OF REDUCING HARMONIC INTERFERENCE WHILE USING OVERLAPPING SOURCE POINT SIESMIC RECORDING TECHNIQUES**  
[54] **METHODE DE REDUCTION DE L'INTERFERENCE HARMONIQUE LORS DE L'UTILISATION DE TECHNIQUES D'ENREGISTREMENT SISMIQUE PONCTUEL DE SOURCES CHEVAUCHANTES**  
[72] FLEURE, THOMAS JOHN, US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-08-23  
[43] 2001-03-10  
[30] US (09/393,756) 1999-09-10

**Demandes canadiennes mises à la disponibilité du public**  
**4 mars 2001 - 10 mars 2001**

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[21] **2,316,689**  
[13] A1

[51] **Int.Cl. 7B62D 25/10**  
[25] FR  
[54] **CAPOT AUTOMOBILE RENFORCE ET LEGER**  
[54] **LIGHT REINFORCED AUTOMOBILE HOOD**  
[72] BRUN, OLIVIER, FR  
[72] SCHMIT, FRANCIS, FR  
[72] DEVIN, JEAN-MARC, FR  
[72] DEPREZ, PASCAL, FR  
[71] USINOR, FR  
[22] 2000-08-24  
[43] 2001-03-09  
[30] FR (99 11 260) 1999-09-09

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[21] **2,316,695**  
[13] A1

[51] **Int.Cl. 7G02B 6/122 7G02B 6/13**  
[25] EN  
[54] **STRAIN FREE PLANAR OPTICAL WAVEGUIDES**  
[54] **GUIDES D'ONDES OPTIQUES PLANAIRE SANS CONTRAINTES**  
[72] SUHIR, EPHRAIM, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-25  
[43] 2001-03-07  
[30] US (09/390,191) 1999-09-07

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[21] **2,316,722**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04B 7/005**  
[25] EN  
[54] **POWER CONTROL WITH EFFECTIVE EB/NO**  
[54] **COMMANDE DE PUISSANCE AVEC UN RAPPORT EB/NO EFFICACE**  
[72] NANDA, SANJIV, US  
[72] REGE, KIRAN M., US  
[72] WEAVER, CARL FRANCIS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-25  
[43] 2001-03-07  
[30] US (09/390,476) 1999-09-07

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[21] **2,316,727**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **TELEPHONE REGULATION SYSTEM AND PORTABLE TELEPHONE TERMINAL DEVICE USED IN SUCH A SYSTEM**  
[54] **SYSTEME DE REGULATION DE L'USAGE TELEPHONIQUE ET DISPOSITIF TELEPHONIQUE TERMINAL PORTABLE UTILISE DANS UN TEL SYSTEME**  
[72] TSUMURA, TOSHIHIRO, JP  
[71] TSUMURA RESEARCH INSTITUTE CO., JP  
[22] 2000-08-25  
[43] 2001-03-06  
[30] JP (11-252172) 1999-09-06

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[21] **2,316,751**  
[13] A1

[51] **Int.Cl. 7H01Q 15/14**  
[25] EN  
[54] **FREQUENCY SELECTIVE REFLECTOR**  
[54] **REFLECTEUR SELECTIF DE FREQUENCES**  
[72] CHANDLER, CHARLES W., US  
[71] TRW INC., US  
[22] 2000-08-24  
[43] 2001-03-10  
[30] US (09/393,116) 1999-09-10

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[21] **2,317,027**  
[13] A1

[51] **Int.Cl. 7G08B 17/06 7G08B 17/103 7G08B 17/11**  
[25] EN  
[54] **SMOKE ALARM WITH DUAL SENSING TECHNOLOGIES AND DUAL POWER SOURCES**  
[54] **DETECTEUR DE FUMEE DOTE DE DEUX TECHNIQUES DE DETECTION ET DE DEUX SOURCES D'ALIMENTATION**  
[72] KONDZIOLKA, THOMAS W., US  
[72] TANGUAY, WILLIAM P., US  
[71] RANCO INCORPORATED OF DELAWARE, US  
[22] 2000-08-25  
[43] 2001-03-09  
[30] US (60/153,139) 1999-09-09

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[21] **2,317,068**  
[13] A1

[51] **Int.Cl. 7H01G 5/16**  
[25] EN  
[54] **HIGH FREQUENCY TUNABLE CAPACITORS AND ASSOCIATED FABRICATION METHODS**  
[54] **CONDENSATEUR ACCORDABLE A HAUTES FREQUENCES ET METHODES DE FABRICATION CONNEXES**  
[72] DHULER, VIJAYAKUMAR R., US  
[71] JDS UNIPHASE INC., CA  
[22] 2000-08-29  
[43] 2001-03-09  
[30] US (09/392,987) 1999-09-09

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[21] **2,317,087**  
[13] A1

[51] **Int.Cl. 7C08F 236/10 7C08F 36/04 7C08F 236/04 7C08F 2/42**  
[25] EN  
[54] **NITROSAMINE-INHIBITING COMPOSITIONS FOR SHORTSTOPPING OF FREE RADICAL EMULSION POLYMERIZATIONS**  
[54] **COMPOSITIONS INHIBITRICES DE NITROSAMINES SERVANT A INTERROMPRE LES REACTIONS DE POLYMERISATION RADICALAIRE EN EMULSION**  
[72] LOU, JIANFENG, US  
[72] BUSZTA, THOMAS S., US  
[72] GERON, MICHAEL D., US  
[71] ATOFINA CHEMICALS, INC., US  
[22] 2000-08-30  
[43] 2001-03-09  
[30] US (60/153,150) 1999-09-09  
[30] US (09/631,756) 2000-08-03

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Canadian Laid-Open Applications  
March 4, 2001 - March 10, 2001

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[21] **2,317,091**  
[13] A1  
[51] **Int.Cl. 7H04L 12/54 7H04M 3/533**  
[25] EN  
[54] **SYSTEM AND METHOD FOR UNIFIED MESSAGING WITH MESSAGE REPLICATION AND SYNCHRONIZATION**  
[54] **SYSTEME ET METHODE DE MESSAGERIE UNIFIEE PERMETTANT LA REPRODUCTION ET LA SYNCHRONISATION DE MESSAGES**  
[72] RINGLE, JONATHAN, US  
[72] SMITH, RYAN, US  
[72] HEANEY, EOIN, US  
[72] RIGALDIES, BERTRAND M., US  
[72] BEDLEK, GREG, US  
[71] COMDIAL CORPORATION, US  
[22] 2000-08-29  
[43] 2001-03-10  
[30] US (09/394,563) 1999-09-10

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[21] **2,317,144**  
[13] A1  
[51] **Int.Cl. 7H04L 7/08**  
[25] EN  
[54] **ENHANCED MULTIFRAME ALIGNMENT FOR TANDEM CONNECTION TRIALS**  
[54] **VERROUILLAGE DE MULTITRAME AMELIORE POUR ESSAIS DE CONNEXION EN TANDEM**  
[72] HESSLER, PETER, DE  
[72] VISSERS, MAARTEN PETRUS JOSEPH, NL  
[72] MILISTERFER, JURGEN LEONHARD, DE  
[72] LOEFFLER, MANFRED ALOIS, DE  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-30  
[43] 2001-03-07  
[30] EP (99307104.2) 1999-09-07

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[21] **2,317,173**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**  
[25] EN  
[54] **METHODS AND APPARATUS FOR SUBMITTING INFORMATION TO AN AUTOMATED LENDING SYSTEM**  
[54] **METHODES ET MACHINES DE PRESENTATION D'INFORMATION A UN SYSTEME DE PRET AUTOMATISE**  
[72] STEYER, FERDINAND, US  
[72] SMITH, WILLIAM DAVID II, US  
[72] SIMMONS, MELVIN K., US  
[72] SANTIMAYS, ROBERT JAMES, US  
[72] DESMARTEAU, JACQUES MARC, US  
[72] DIXON, WALTER VINCENT III, US  
[71] GE CAPITAL COMMERCIAL FINANCE, INC., US  
[22] 2000-08-31  
[43] 2001-03-08  
[30] US (09/391,772) 1999-09-08

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[21] **2,317,143**  
[13] A1  
[51] **Int.Cl. 7G01S 5/14**  
[25] EN  
[54] **A SATELLITE-BASED LOCATION SYSTEM EMPLOYING DYNAMIC INTEGRATION TECHNIQUES**  
[54] **SYSTEME DE LOCALISATION BASE SUR DES SATELLITES FAISANT APPEL A DES TECHNIQUES D'INTEGRATION DYNAMIQUE**  
[72] TEKIN, IBRAHIM, US  
[72] DA, REN, US  
[72] CHEN, BYRON HUA, US  
[72] CHIANG, TUNG CHING, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-30  
[43] 2001-03-07  
[30] US (09/391,123) 1999-09-07

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[21] **2,317,161**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G07F 19/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR PROCESSING CASH ADVANCE REQUESTS**  
[54] **METHODES ET MACHINES DE TRAITEMENT DE DEMANDES D'AVANCE DE FONDS**  
[72] CARFORA, PHILLIP FRED, US  
[72] CASCIANO, ANTHONY GERARD, US  
[72] DIXON, WALTER VINCENT III, US  
[72] SMITH, WILLIAM DAVID II, US  
[72] MCKAY, JAMES JOSEPH III, US  
[72] STILLMAN, JONATHAN P., US  
[72] SIMMONS, MELVIN K., US  
[71] GE CAPITAL COMMERCIAL FINANCE, INC., US  
[22] 2000-08-31  
[43] 2001-03-08  
[30] US (09/392,028) 1999-09-08

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[21] **2,317,177**  
[13] A1  
[51] **Int.Cl. 7A43B 3/12**  
[25] EN  
[54] **SHOE, PARTICULARLY SANDAL**  
[54] **CHAUSSURE, NOTAMMENT SANDALE**  
[72] PERIN, LORENZO, IT  
[72] PERIN, ORIANO, IT  
[72] CAVALLIN, CAMILLO, IT  
[72] PERIN, ROBERTO, IT  
[71] PERIN S.P.A., IT  
[22] 2000-08-31  
[43] 2001-03-07  
[30] IT (TV99A000097) 1999-09-07

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**4 mars 2001 - 10 mars 2001**

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[21] **2,317,193**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**  
[25] EN  
[54] **METHODS AND APPARATUS FOR MONITORING COLLATERAL FOR LENDING**  
[54] **METHODES ET MACHINES DE SURVEILLANCE DE BIENS AFFECTES EN GARANTIE CONTRE DES PRETS**  
[72] SMITH, WILLIAM DAVID II, US  
[72] STEYER, FERDINAND, US  
[72] STILLMAN, JONATHAN P., US  
[72] CASCIANO, ANTHONY GERARD, US  
[72] DIXON, WALTER VINCENT III, US  
[72] BOEHM, THOMAS RICHARD, US  
[72] MCKAY, JAMES JOSEPH III, US  
[72] SIMMONS, MELVIN K., US  
[71] GE CAPITAL COMMERCIAL FINANCE, INC., US  
[22] 2000-08-31  
[43] 2001-03-08  
[30] US (09/391,552) 1999-09-08

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[21] **2,317,195**  
[13] A1

[51] **Int.Cl. 7B60K 6/04 7F02D 17/04 7B60L 15/20**  
[25] EN  
[54] **CONTROL APPARATUS FOR HYBRID VEHICLE**  
[54] **APPAREIL DE COMMANDE POUR VEHICULE HYBRIDE**  
[72] UEDA, KAZUHIRO, JP  
[72] TAMAGAWA, YUTAKA, JP  
[72] AOKI, SHIGERU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-08-31  
[43] 2001-03-07  
[30] JP (11-253654) 1999-09-07

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[21] **2,317,199**  
[13] A1

[51] **Int.Cl. 7C07F 7/08 7A61K 6/093 7C08G 77/28 7C08G 77/30 7C07F 9/6553**  
[25] EN  
[54] **HYDROLYZABLE AND POLYMERIZABLE SILANES BASED ON METHYLENE DITHIEPANE**  
[54] **SILANES HYDROLYSABLES ET POLYMERISABLES A BASE DE METHYLENE-DITHIEPANE**  
[72] RHEINBERGER, VOLKER, LI  
[72] STEIN, SABINE, AT  
[72] VOLKEL, THOMAS, DE  
[72] MOSZNER, NORBERT, LI  
[71] IVOCLAR AG, LI  
[22] 2000-08-31  
[43] 2001-03-08  
[30] DE (199 43 712.2) 1999-09-08

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[21] **2,317,200**  
[13] A1

[51] **Int.Cl. 7G01S 5/14 7H04B 1/06**  
[25] EN  
[54] **SATELLITE-BASED LOCATION SYSTEM EMPLOYING KNOWLEDGE-BASED SEQUENTIAL SIGNAL SEARCH STRATEGY**  
[54] **SYSTEME DE LOCALISATION BASE SUR DES SATELLITES FAISANT APPEL A UNE STRATEGIE DE RECHERCHE SEQUENTIELLE DE SIGNAUX BASEE SUR LA CONNAISSANCE**  
[72] VANNUCCI, GIOVANNI, US  
[72] DA, REN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-31  
[43] 2001-03-07  
[30] US (09/392,765) 1999-09-07

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[21] **2,317,209**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G07F 19/00 7G06F 17/30**  
[25] EN  
[54] **METHODS AND APPARATUS FOR COLLATERAL RISK MONITORING**  
[54] **METHODES ET MACHINES DE SURVEILLANCE DU RISQUE DU NANTISSEMENT**  
[72] SMITH, WILLIAM DAVID II, US  
[72] PERSICO, JAMES ROBERT, US  
[72] STEWART, WILLIAM CREE, US  
[72] SIMMONS, MELVIN K., US  
[72] SANICOLA, STEVEN, US  
[72] DIXON, WALTER VINCENT III, US  
[72] STILLMAN, JONATHAN P., US  
[72] PENGUE, DANIEL RICHARD, US  
[71] GE CAPITAL COMMERCIAL FINANCE, INC., US  
[22] 2000-08-31  
[43] 2001-03-08  
[30] US (09/391,774) 1999-09-08

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[21] **2,317,217**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **METHOD OF ALLOCATING RESOURCES IN A COMMUNICATION SYSTEM TO ENHANCE CAPACITY**  
[54] **METHODE D'ATTRIBUTION DES RESSOURCES DANS UN SYSTEME DE COMMUNICATIONS POUR REHAUSSER LA CAPACITE**  
[72] SEYMOUR, JAMES PAUL, US  
[72] TONELLO, ANDREA M., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-01  
[43] 2001-03-08  
[30] US (09/392,033) 1999-09-08

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[21] **2,317,236**  
[13] A1

[51] **Int.Cl. 7H04M 3/533 7H04M 11/06**  
[25] EN  
[54] **TELEPHONE SWITCHING SYSTEM WITH DATA INTEGRATION**  
[54] **SYSTEME DE COMMUTATEUR TELEPHONIQUE AVEC INTEGRATION DE DONNEES**  
[72] HEANEY, EOIN, US  
[72] SARP, S. MURAD, US  
[71] COMDIAL CORPORATION, US  
[22] 2000-08-29  
[43] 2001-03-10  
[30] US (09/393,633) 1999-09-10



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[21] **2,317,258**  
[13] A1  
[51] **Int.Cl. 7G06F 9/54 7G06F 17/27 7G06F 17/60**  
[25] EN  
[54] **METHODS AND APPARATUS FOR PRINT SCRAPING**  
[54] **METHODES ET MACHINES DE PRELEVEMENT DE RENSEIGNEMENTS**  
[72] SMITH, WILLIAM DAVID II, US  
[72] SIMMONS, MELVIN K., US  
[72] TEMKIN, JOSHUA MICHAEL, US  
[72] DIXON, WALTER VINCENT III, US  
[71] GE CAPITAL COMMERCIAL FINANCE, INC., US  
[22] 2000-08-31  
[43] 2001-03-08  
[30] US (09/391,573) 1999-09-08

[21] **2,317,261**  
[13] A1  
[51] **Int.Cl. 7G08C 19/00**  
[25] EN  
[54] **DETECTOR APPARATUS AND METHOD FOR OIL OR GAS WELL, AND OBJECT TO BE DETECTED THEREIN**  
[54] **APPAREIL ET METHODE DE DETECTION POUR Puits DE PETROLE OU DE GAZ, ET OBJET A DETECTER A L'INTERIEUR**  
[72] BRISCO, DAVID P., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2000-09-01  
[43] 2001-03-07  
[30] US (09/391,124) 1999-09-07

[21] **2,317,263**  
[13] A1  
[51] **Int.Cl. 7D21F 1/32**  
[25] EN  
[54] **CLEANING DEVICE FOR CLEANING OF A FABRIC, SUCH AS WIRE OR FELT USED IN PAPER MACHINES, PAPERBOARD MACHINES OR SIMILAR**  
[54] **DISPOSITIF DE NETTOYAGE D'UN TISSU, TEL QUE FIL METALLIQUE OU FEUTRE UTILISE DANS LES MACHINES A PAPIER, LES MACHINES A CARTON OU AUTRES DU MEME GENRE**  
[72] EIVOLA, ILKKA, FI  
[72] LEMETYINEN, MARKKU, US  
[71] VALMET CORPORATION, FI  
[22] 2000-08-30  
[43] 2001-03-10  
[30] US (09/393,293) 1999-09-10

[21] **2,317,274**  
[13] A1  
[51] **Int.Cl. 7B42F 3/04**  
[25] EN  
[54] **PAGE PROTECTION SYSTEM FOR PHOTO ALBUMS AND THE LIKE**  
[54] **SYSTEME DE PROTECTION DES PAGES D'ALBUMS DE PHOTOS ET AUTRES OBJETS DU MEME GENRE**  
[72] WILLIAMS, RANDALL DALE, US  
[72] MYLANDER, PAUL, US  
[71] INTERCRAFT COMPANY, US  
[22] 2000-08-30  
[43] 2001-03-09  
[30] US (09/392,882) 1999-09-09

[21] **2,317,277**  
[13] A1  
[51] **Int.Cl. 7D21F 5/00**  
[25] EN  
[54] **STEAM BOX**  
[54] **PRECHAUFFEUR**  
[72] HASSINEN, REIJO, FI  
[72] ALEN, JUKKA PEKKA, FI  
[72] LUOSMA, TOMMI, FI  
[72] HARKONEN, TAPIO, FI  
[72] NAATANEN, TUOMAS, FI  
[72] SAMPPALA, JUKKA, FI  
[71] NELES PAPER AUTOMATION OY, FI  
[22] 2000-08-30  
[43] 2001-03-06  
[30] FI (U990372) 1999-09-06

[21] **2,317,296**  
[13] A1  
[51] **Int.Cl. 7C07C 323/52 7C08L 21/00 7C07C 319/24 7C08J 3/24 7C08K 5/372 7C07C 323/61**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF POLYTHIOPOLYCARBOXYLIC ACIDS**  
[54] **PROCESSUS DE SYNTHESE D'ACIDES POLYTHIO-POLYCARBOXYLIQUES**  
[72] SCHOLL, THOMAS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-09-01  
[43] 2001-03-06  
[30] DE (19942395.4) 1999-09-06

[21] **2,317,299**  
[13] A1  
[51] **Int.Cl. 7C07C 211/56 7C07C 209/60**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF NITRODIPHENYLAMINES**  
[54] **PROCESSUS DE SYNTHESE DE NITRODIPHENYLAMINES**  
[72] GIERA, HENRY, DE  
[72] SCHILD, CHRISTOPH, DE  
[72] LANGE, WALTER, DE  
[72] SICHENEDER, ADOLF, DE  
[72] POHL, TORSTEN, US  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-09-01  
[43] 2001-03-06  
[30] DE (19942394.6) 1999-09-06

[21] **2,317,301**  
[13] A1  
[51] **Int.Cl. 7H01M 2/14 7H01M 8/00**  
[25] EN  
[54] **A SET OF MOLDING DIES, MOLDING STRUCTURE, AND MOLDING PROCESS FOR FUEL-CELL SEPARATOR**  
[54] **ENSEMBLE DE MATRICES DE MOULAGE, STRUCTURE DE MOULAGE, ET PROCEDE DE MOULAGE POUR SEPARATEUR DE PILE A COMBUSTIBLE**  
[72] KOGA, HAJIME, JP  
[71] NIPPON PILLAR PACKING CO., LTD., JP  
[22] 2000-08-29  
[43] 2001-03-07  
[30] JP (253217/1999) 1999-09-07

[21] **2,317,312**  
[13] A1  
[51] **Int.Cl. 7B07C 5/06**  
[25] EN  
[54] **SCREENING DEVICE FOR BULK MATERIALS**  
[54] **DISPOSITIF DE CRIBLAGE POUR MATERIAUX EN VRAC**  
[72] ZUBRAGEL, HERR ALBERT, DE  
[71] ALBERT ZUBRAGEL MASCHINENBAU GMBH, DE  
[22] 2000-09-05  
[43] 2001-03-06  
[30] DE (199 42 402.0) 1999-09-06

**Demandes canadiennes mises à la disponibilité du public**  
**4 mars 2001 - 10 mars 2001**

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[21] **2,317,318**  
[13] A1

[51] **Int.Cl. 7C08K 5/103 7C09D 109/02 7C08L 9/02**  
[25] EN  
[54] **RUBBER MIXTURES FOR ROLLER COATINGS**  
[54] **MELANGES DE CAOUTCHOUC POUR DES REVETEMENTS DE ROULEAU**  
[72] FUCHS, ERICH, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-09-01  
[43] 2001-03-07  
[30] DE (19942743.7) 1999-09-07

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[21] **2,317,320**  
[13] A1

[51] **Int.Cl. 7C08L 9/08 7C08L 7/00**  
[25] EN  
[54] **MICROGEL-CONTAINING RUBBER MIXTURES WITH MASKED BIFUNCTIONAL MERCAPTANS AND VULCANIZATION PRODUCTS PRODUCED THEREFROM**  
[54] **MELANGES DE CAOUTCHOUC RENFERMANT UN MICROGEL ET COMPORTANT DES MERCAPTANS BIFONCTIONNELS MASQUES ET PRODUITS DE VULCANISATION OBTENUS AVEC CEUX-CI**  
[72] JESKE, WINFRIED, DE  
[72] OBRECHT, WERNER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-09-01  
[43] 2001-03-07  
[30] DE (19942620.1) 1999-09-07

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[21] **2,317,321**  
[13] A1

[51] **Int.Cl. 7C07D 211/94 7C07D 231/04 7C08F 22/06 7C08F 12/08 7C07C 255/12 7C08F 20/12 7C07C 239/20 7C07F 9/40**  
[25] EN  
[54] **FUNCTIONALIZED ALKOXYAMINE INITIATORS**  
[54] **INITIATEURS ALCOXYAMINES A GROUPEMENTS FONCTIONNELS**  
[72] HOCKER, HARTWIG, DE  
[72] ACHTEN, DIRK, DE  
[72] KEUL, HELMUT, DE  
[72] MELCHORS, MARTIN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-09-01  
[43] 2001-03-07  
[30] DE (19942615.5) 1999-09-07  
[30] DE (19942614.7) 1999-09-07

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[21] **2,317,323**  
[13] A1

[51] **Int.Cl. 7C08F 220/12 7C09D 135/00 7C09J 135/00 7C09D 133/06 7C08F 22/06 7C09J 133/06 7C08F 112/08 7C09D 125/14 7C09J 125/14**  
[25] EN  
[54] **OLIGOMERIC AND POLYMERIC TELECHELICS**  
[54] **COMPOSES TELECHELIQUES OLIGOMERES ET POLYMERES**  
[72] ACHTEN, DIRK, DE  
[72] KEUL, HELMUT, DE  
[72] MELCHORS, MARTIN, DE  
[72] HOCKER, HARTWIG, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-09-01  
[43] 2001-03-07  
[30] DE (19942614.7) 1999-09-07  
[30] DE (19942615.5) 1999-09-07

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[21] **2,317,324**  
[13] A1

[51] **Int.Cl. 7C09B 48/00**  
[25] EN  
[54] **OXIDATION PROCESS FOR PREPARING QUINACRIDONE PIGMENTS**  
[54] **PROCEDE D'OXYDATION POUR PREPARER DES PIGMENTS DE QUINACRIDONE**  
[72] HENDI, SHIVAKUMAR BASALINGAPPA, US  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 2000-09-05  
[43] 2001-03-07  
[30] US (60/152,706) 1999-09-07

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[21] **2,317,326**  
[13] A1

[51] **Int.Cl. 7B66B 13/30 7E06B 3/70**  
[25] EN  
[54] **LIFT DOOR PANEL**  
[54] **PANNEAU DE PORTE RELEVABLE**  
[72] FEISTENAUER, HARALD, DE  
[72] THIELOW, FRANK, DE  
[71] INVENTIO AG, CH  
[22] 2000-09-05  
[43] 2001-03-08  
[30] EP (99 117684.3) 1999-09-08

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[21] **2,317,328**  
[13] A1

[51] **Int.Cl. 7A23L 3/358 7A01N 3/00 7A23L 3/3508 7A23L 3/3544 7A23L 3/3553**  
[25] EN  
[54] **FRESHNESS-RETAINING AGENT AND METHOD FOR AGRICULTURAL/HORTICULTURAL PRODUCTS**  
[54] **AGENT ET METHODE DE RETENTION DE LA FRAICHEUR DE PRODUITS AGRICOLES/HORTICOLES**  
[72] IJIMA, YOSHIHIKO, JP  
[71] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP  
[22] 2000-09-01  
[43] 2001-03-10  
[30] JP (257261/1999) 1999-09-10  
[30] JP (257262/1999) 1999-09-10

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[21] **2,317,337**  
[13] A1

[51] **Int.Cl. 7H04N 5/46 7H04N 7/01**  
[25] EN  
[54] **A VIDEO APPARATUS HAVING FUNCTION TO CHANGE SIZE OF IMAGE AND METHOD THEREOF**  
[54] **DISPOSITIF VIDEO COMPORTANT UNE FONCTION PERMETTANT DE MODIFIER LA TAILLE D'UN IMAGE ET METHODE DE FONCTIONNEMENT DE CE DISPOSITIF**  
[72] SAITO, SEIJI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-09-06  
[43] 2001-03-06  
[30] JP (P11-251389) 1999-09-06

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[21] **2,317,339**  
[13] A1

[51] **Int.Cl. 7G06F 7/02 7G06F 17/21 7H04N 5/445**  
[25] EN  
[54] **AUTOMATED REAL-TIME CONTINUOUS SEARCHING OF CLOSED-CAPTIONED TELEVISION PROGRAMMING**  
[54] **RECHERCHE CONTINUE AUTOMATIQUE EN TEMPS REEL D'EMISSIIONS DE TELEVISION SOUS-TITRES CODEES**  
[72] IVES, DAVID J., US  
[72] HAYTER, JAMES H., US  
[71] TVEYES.COM, INC., US  
[22] 2000-09-07  
[43] 2001-03-08  
[30] US (60/153,119) 1999-09-08

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[21] **2,317,340**  
[13] A1

[51] **Int.Cl. 7A23G 3/06 7A23P 1/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROCESSING AN AERATED CONFECTIONERY FOAM ROPE**  
[54] **METHODE ET APPAREIL POUR TRAITER UN RUBAN DE MOUSSE DE CONFISERIE GONFLEE**  
[72] WALDHERR, MICHAEL P., US  
[72] WEINSTEIN, JAMES N., US  
[72] ZIETLOW, PHILIP K., US  
[71] GENERAL MILLS, INC., US  
[22] 2000-09-06  
[43] 2001-03-09  
[30] US (09/293,182) 1999-09-09

[21] **2,317,343**  
[13] A1

[51] **Int.Cl. 7H04L 12/46 7H04L 12/66**  
[25] EN  
[54] **COMMUNICATION CONTROL APPARATUS AND METHOD, COMMUNICATION SYSTEM, AND PROGRAM STORAGE MEDIUM**  
[54] **APPAREIL ET METHODE DE COMMANDE DE COMMUNICATIONS, SYSTÈME DE COMMUNICATIONS ET SUPPORT DE STOCKAGE D'ÉMISSIONS**  
[72] TAMORI, HIROFUMI, JP  
[72] NOMURA, TAKASHI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-09-06  
[43] 2001-03-08  
[30] JP (P11-254069) 1999-09-08

[21] **2,317,348**  
[13] A1

[51] **Int.Cl. 7B60P 3/355 7E04H 15/06 7A47C 17/80**  
[25] EN  
[54] **TWO PIECE CAMPER ATTACHMENT**  
[54] **CELLULE HABITABLE A DEUX COMPARTIMENTS**  
[72] KIMBREL, J. STEVE, US  
[72] THOMPSON, JOHNNY J. E., US  
[71] KIMBREL, J. STEVE, US  
[71] THOMPSON, JOHNNY J. E., US  
[22] 2000-09-06  
[43] 2001-03-08  
[30] US (09/391,806) 1999-09-08

[21] **2,317,350**  
[13] A1

[51] **Int.Cl. 7H02M 7/44**  
[25] EN  
[54] **POWER CONVERTER APPARATUS**  
[54] **DISPOSITIF DE CONVERSION D'ALIMENTATION**  
[72] NAKAJIMA, RYO, JP  
[72] ICHIKAWA, KOSAKU, JP  
[72] SATOH, KAZUHIRO, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2000-09-05  
[43] 2001-03-06  
[30] JP (P11-251051) 1999-09-06

[21] **2,317,355**  
[13] A1

[51] **Int.Cl. 7H04L 1/22 7H04B 7/185**  
[25] EN  
[54] **BUILT-IN SELF TEST (BIST) APPROACH FOR REGENERATIVE DATA TRANSMISSION SYSTEM**  
[54] **METHODE BIST (AUTO-ESSAI INTEGRE) POUR SYSTEME DE TRANSMISSION DE DONNEES REGENERATEUR**  
[72] MORETTI, VINCENT C., US  
[71] TRW INC., US  
[22] 2000-09-05  
[43] 2001-03-10  
[30] US (09/394,146) 1999-09-10

[21] **2,317,356**  
[13] A1

[51] **Int.Cl. 7G01S 13/08 7H04B 1/69**  
[25] EN  
[54] **DIGITAL CORRELATION DEVICE AND CORRELATION METHOD FOR TELEMETRIC SYSTEMS**  
[54] **DISPOSITIF DE CORRELATION NUMERIQUE ET METHODE DE CORRELATION POUR SYSTEMES DE TELEMESURE**  
[72] BETTAIEB, KHALED, CH  
[71] CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA - RECHERCHE ET, CH  
[22] 2000-09-05  
[43] 2001-03-06  
[30] CH (99117551.4) 1999-09-06

[21] **2,317,358**  
[13] A1

[51] **Int.Cl. 7G02B 26/08**  
[25] EN  
[54] **REFLECTION MIRROR TYPE OPTICAL FIBER SWITCH**  
[54] **COMMUTATEUR OPTIQUE A MIROIRS**  
[72] TAKAHASHI, MITSUO, JP  
[71] SEIKOH GIKEN CO., LTD., JP  
[22] 2000-09-05  
[43] 2001-03-07  
[30] JP (252866-1999) 1999-09-07

[21] **2,317,359**  
[13] A1

[51] **Int.Cl. 7G09B 5/04 7G10L 11/00 7G09B 19/06**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR INTERACTIVE LANGUAGE INSTRUCTION**  
[54] **METHODE ET APPAREIL POUR L'ENSEIGNEMENT INTERACTIF D'UNE LANGUE**  
[72] ZHOU, QIRU, US  
[72] AUGUST, KATHERINE G., US  
[72] ZHONG, JIALIN, US  
[72] LI, QI P., US  
[72] BLACKWOOD, NADINE, US  
[72] SURENDRAN, ARUN CHANDRASEKARAN, US  
[72] SHIH, CHI-LIN, US  
[72] MCNERNEY, MICHELLE, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-05  
[43] 2001-03-09  
[30] US (09/392,844) 1999-09-09

[21] **2,317,360**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/36**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DIRECTING A DATA MESSAGE IN A WIRELESS COMMUNICATIONS NETWORK INCLUDING MULTIPLE WIRELESS SYSTEMS**  
[54] **METHODE ET SYSTEME D'ACHEMINEMENT D'UN MESSAGE DE DONNEES DANS UN RESEAU DE TELECOMMUNICATIONS SANS FIL, Y COMPRIS DANS DES SYSTEMES SANS FIL MULTIPLES**  
[72] RAHMAN, MOHAMED ANISUR, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-05  
[43] 2001-03-10  
[30] US (09/393,300) 1999-09-10

**Demandes canadiennes mises à la disponibilité du public**  
**4 mars 2001 - 10 mars 2001**

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[21] **2,317,372**  
[13] A1

[51] **Int.Cl. 7F25B 39/02**  
[25] EN  
[54] **COMBINED EVAPORATOR/  
ACCUMULATOR/SUCTION LINE  
HEAT EXCHANGER**  
[54] **EVAPORATEUR/  
ACCUMULATEUR/ECHANGEUR DE  
CHALEUR A CONDUITE  
D'ASPIRATION COMBINES**  
[72] VOSS, MARK G., US  
[72] WATTELET, JONATHAN P., US  
[72] MEMORY, STEPHEN B., US  
[71] MODINE MANUFACTURING  
COMPANY, US  
[22] 2000-09-05  
[43] 2001-03-07  
[30] US (09/390,818) 1999-09-07

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[21] **2,317,383**  
[13] A1

[51] **Int.Cl. 7H04M 1/738 7H04M 1/253**  
[25] EN  
[54] **SUBSCRIBER LINE INTERFACE  
CIRCUIT**  
[54] **CIRCUIT D'INTERFACE DE  
LIGNE D'ABONNE**  
[72] SUDO, MINORU, JP  
[71] NEC CORPORATION, JP  
[22] 2000-09-07  
[43] 2001-03-08  
[30] JP (11/253733) 1999-09-08

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[21] **2,317,387**  
[13] A1

[51] **Int.Cl. 7G11C 15/00**  
[25] EN  
[54] **VARIABLE WIDTH CONTENT  
ADDRESSABLE MEMORY DEVICE  
FOR SEARCHING VARIABLE WIDTH  
DATA**  
[54] **DISPOSITIF DE MEMOIRE  
ADRESSABLE POUR CONTENU DE  
LONGUEUR VARIABLE POUR FINS DE  
RECHERCHE DE DONNEES DE  
LONGUEUR VARIABLE**  
[72] SHAFAI, FARHAD, CA  
[72] GIBSON, G.F. RANDALL, CA  
[71] SIBERCORE TECHNOLOGIES, INC.,  
CA  
[22] 2000-09-07  
[43] 2001-03-10  
[30] US (60/153,388) 1999-09-10

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[21] **2,317,499**  
[13] A1

[51] **Int.Cl. 7B60R 16/02 7B62D 1/04**  
[25] EN  
[54] **STEERING WHEEL ELECTRONIC  
INTERFACE**  
[54] **INTERFACE ELECTRONIQUE DE  
VOLANT**  
[72] QUIGLEY, JON M., US  
[72] BERTALAN, RICHARD P., US  
[72] BARGEWELL, JEFFREY E., US  
[72] PLUMMER, LEW E., US  
[72] SCHERZINGER, TED, US  
[71] PACCAR INC, US  
[22] 2000-09-07  
[43] 2001-03-08  
[30] US (09/392,075) 1999-09-08

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[21] **2,317,500**  
[13] A1

[51] **Int.Cl. 7H01R 24/02 7H01R 9/05  
7H01R 12/14**  
[25] EN  
[54] **COAXIAL CONNECTOR**  
[54] **CONNECTEUR COAXIAL**  
[72] HARTING, DIETMAR, DE  
[72] BERGHORN, MANFRED, DE  
[72] PAPE, GUNTER, DE  
[71] HARTING KGAA, DE  
[22] 2000-09-07  
[43] 2001-03-07  
[30] DE (19942579.5) 1999-09-07

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[21] **2,317,503**  
[13] A1

[51] **Int.Cl. 7G11B 25/04 7G11B 19/00  
7G11B 23/03**  
[25] EN  
[54] **DATA STORAGE UNIT**  
[54] **UNITE DE STOCKAGE DE  
DONNEES**  
[72] PEREGO, LUCIANO, IT  
[71] INTERNATIONAL CONSULTING,  
S.R.L., IT  
[22] 2000-09-07  
[43] 2001-03-10  
[30] EP (99830571.8) 1999-09-10

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[21] **2,317,512**  
[13] A1

[51] **Int.Cl. 7G11B 23/03 7G06K 19/00**  
[25] EN  
[54] **MEMORY SUPPORT CARD**  
[54] **UNITE DE STOCKAGE DE  
DONNEES**  
[72] PEREGO, LUCIANO, IT  
[71] INTERNATIONAL CONSULTING,  
S.R.L., IT  
[22] 2000-09-07  
[43] 2001-03-10  
[30] EP (99830572.6) 1999-09-10

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[21] **2,317,617**  
[13] A1

[51] **Int.Cl. 7F16H 59/36 7F16H 59/24  
7F16H 61/26**  
[25] EN  
[54] **CYLINDER HEAD STRUCTURE OF  
INTERNAL COMBUSTION ENGINE**  
[54] **STRUCTURE DE CULASSE DE  
CYLINDRE DE MOTEUR A  
COMBUSTION INTERNE**  
[72] NANRI, TAKEHIKO, JP  
[72] YOSHIDO, YOSHIHIRO, JP  
[72] OTA, ATSUO, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-08-18  
[43] 2001-03-05  
[30] JP (HEI-11-291421) 1999-09-05

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[21] **2,317,619**  
[13] A1

[51] **Int.Cl. 7F41C 9/08**  
[25] EN  
[54] **FIRING NIPPLE FOR MUZZLE  
LOADING FIREARM**  
[54] **CHEMINEE DE MISE A FEU POUR  
ARME A CHARGEMENT PAR LA  
BOUCHE**  
[72] MARTEL, MICHEL, CA  
[71] MARTEL, MICHEL, CA  
[22] 2000-09-06  
[43] 2001-03-06  
[30] GB (9920836.5) 1999-09-06

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March 4, 2001 - March 10, 2001

[21] **2,317,622**  
[13] A1

[51] **Int.Cl. 7H04L 12/26**  
[25] EN  
[54] **ENHANCED MULTIFRAME PROCESSING FOR TANDEM CONNECTION TRAILS WITH TRANSMISSION OF PROTECTION SCHEMES**  
[54] **TRAITEMENT DE TRAMES MULTIPLES POUR DES PISTES DE VERIFICATION DE CONNEXION EN TANDEM AVEC TRANSMISSION DE SCHEMES DE PROTECTION**  
[72] HESSLER, PETER, DE  
[72] LOEFFLER, MANFRED ALOIS, DE  
[72] MILISTERFER, JURGEN LEONHARD, DE  
[72] VISSERS, MAARTEN PETRUS JOSEPH, BE  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-06  
[43] 2001-03-07  
[30] EP (99307111.7) 1999-09-07

[21] **2,317,624**  
[13] A1

[51] **Int.Cl. 7E06B 3/48 7E05D 3/02**  
[25] EN  
[54] **BI-FOLD DOOR SYSTEM**  
[54] **SYSTEME DE PORTE PLIANTE A DEUX BATTANTS**  
[72] FLYNN, MARK R., GB  
[72] JACOBS, KENNETH, GB  
[71] THE STANLEY WORKS, US  
[22] 2000-09-06  
[43] 2001-03-06  
[30] GB (9921024.7) 1999-09-06

[21] **2,317,633**  
[13] A1

[51] **Int.Cl. 7B41F 13/00 7B41F 13/08**  
[25] EN  
[54] **SYSTEM FOR ATTACHING PLATES TO EXTERNAL DRUM DEVICES, BASED ON MOVABLE CLAMPS**  
[54] **SYSTEME DE FIXATION DE PLAQUES A DES DISPOSITIFS EXTERNES DE TAMBOUR, BASE SUR DES PINCES MOBILES**  
[72] BERES, MOSHE, IL  
[72] HALUP, NIR, IL  
[72] SOLOMON, YEHUDA BARNES, IL  
[71] CREOSCITEX CORPORATION LTD., IL  
[22] 2000-09-06  
[43] 2001-03-07  
[30] US (09/391,185) 1999-09-07

[21] **2,317,642**  
[13] A1

[51] **Int.Cl. 7G06K 1/14**  
[25] EN  
[54] **A UNIVERSAL MAGNETIC STRIPE CARD**  
[54] **CARTE UNIVERSELLE A PISTES MAGNETIQUES**  
[72] INFOSINO, WILLIAM J., US  
[71] AT&T CORP., US  
[22] 2000-09-06  
[43] 2001-03-08  
[30] US (09/391,844) 1999-09-08

[21] **2,317,660**  
[13] A1

[51] **Int.Cl. 7G07F 17/34**  
[25] EN  
[54] **ELECTRONIC GAME WITH MOVING BONUS SYMBOL**  
[54] **JEU ELECTRONIQUE COMPRENANT UN SYMBOLE DE PRIME MOBILE**  
[72] GLASSON, NAOMI, AT  
[71] NOVOMATIC AG., AT  
[22] 2000-09-06  
[43] 2001-03-08  
[30] US (09/391,346) 1999-09-08

[21] **2,317,667**  
[13] A1

[51] **Int.Cl. 7B65D 88/54 7B67D 5/02**  
[25] EN  
[54] **MUD TANK CLEANING SYSTEM**  
[54] **SYSTEME DE NETTOYAGE DE RESERVOIR A BOUE**  
[72] RAJEWSKI, ROBERT C., CA  
[71] RAJEWSKI, ROBERT C., CA  
[22] 2000-09-06  
[43] 2001-03-08  
[30] US (60/152817) 1999-09-08

[21] **2,317,668**  
[13] A1

[51] **Int.Cl. 7H04B 10/17**  
[25] EN  
[54] **OPTICAL SIGNAL AMPLIFIER**  
[54] **AMPLIFICATEUR DE SIGNAL OPTIQUE**  
[72] MATSUSHITA, SHUN-ICHI, JP  
[72] EMORI, YOSHIHIRO, JP  
[72] NAMIKI, SHU, JP  
[71] THE FURUKAWA ELECTRIC CO., LTD., JP  
[22] 2000-09-06  
[43] 2001-03-06  
[30] JP (11-251528) 1999-09-06

[21] **2,317,681**  
[13] A1

[51] **Int.Cl. 7F01K 7/16 7F02C 6/18 7H02K 7/18**  
[25] EN  
[54] **HIGH-EFFICIENCY POWER GENERATING METHOD**  
[54] **METHODE DE PRODUCTION D'ELECTRICITE A RENDEMENT ELEVE**  
[72] IJIMA, MASAKI, JP  
[72] HYAKUTAKE, YOSHINORI, JP  
[72] KOBAYASHI, KAZUTO, JP  
[72] SHIBATA, MASATOSHI, JP  
[72] MORIWAKI, MASAHUMI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-09-06  
[43] 2001-03-08  
[30] JP (254242/1999) 1999-09-08

[21] **2,317,683**  
[13] A1

[51] **Int.Cl. 7A01F 15/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR BAILING TABACCO AND OTHER MATERIALS**  
[54] **METHODE ET APPAREIL DE MISE EN BALLES DU TABAC ET D'AUTRES MATERIAUX**  
[72] VANDERHYDE, DANIEL W., US  
[71] VANDERHYDE, DANIEL W., US  
[22] 2000-09-06  
[43] 2001-03-07  
[30] US (09/391,108) 1999-09-07

[21] **2,317,687**  
[13] A1

[51] **Int.Cl. 7A01N 59/16 7C09D 5/14 7C08K 3/36 7C02F 1/50**  
[25] EN  
[54] **BACTERICIDAL SILICON DIOXIDE DOPED WITH SILVER**  
[54] **DIOXYDE DE SILICIUM BACTERICIDE DOPE AVEC DE L'ARGENT**  
[72] GOLCHERT, RAINER, DE  
[72] MANGOLD, HELMUT, DE  
[71] DEGUSSA-HÖLS AKTIENGESELLSCHAFT, DE  
[22] 2000-09-07  
[43] 2001-03-09  
[30] DE (199 43 057.8) 1999-09-09

**Demandes canadiennes mises à la disponibilité du public**  
**4 mars 2001 - 10 mars 2001**

[21] **2,317,689**  
[13] A1

[51] **Int.Cl. 7C08G 18/80 7C09D 175/06 7C08G 18/42 7C09D 5/44 7C09D 5/46**  
[25] EN  
[54] **POWDER COATING CROSS-LINKING AGENTS OF HIGH FUNCTIONALITY WHICH CONTAIN URETDIONE GROUPS AND FREE ISOCYANATE GROUPS**  
[54] **AGENTS DE RETICULATION CONTENANT DE NOMBREUX GROUPEMENTS FONCTIONNELS, DONT DES GROUPES URETDIONES ET DES GROUPES ISOCYANATES LIBRES, POUR REVETEMENT EN POUVRE**  
[72] GRAHL, MICHAEL, DE  
[72] LAAS, HANS-JOSEF, DE  
[72] FREUDENBERG, ULRICH, DE  
[72] HALPAAP, REINHARD, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-09-07  
[43] 2001-03-09  
[30] DE (19943034.9) 1999-09-09

[21] **2,317,691**  
[13] A1

[51] **Int.Cl. 7C07D 405/12 7A61P 31/10 7A61K 31/4196 7C07C 255/56**  
[25] EN  
[54] **TRIAZOLE DERIVATIVES HAVING ANTIFUNGAL ACTIVITY**  
[54] **DERIVES DE TRIAZOLE A ACTIVITE ANTIFONGIQUE**  
[72] NAKAGAWA, AKIHIKO, JP  
[72] UCHIDA, TAKUYA, JP  
[72] OHYA, SATOSHI, JP  
[72] MORI, MAKOTO, JP  
[72] OIDA, SADAQ, JP  
[72] KONOSU, TOSHIYUKI, JP  
[71] SANKYO COMPANY LIMITED, JP  
[22] 2000-09-07  
[43] 2001-03-09  
[30] JP (11-255702) 1999-09-09  
[30] JP (2000-103826) 2000-04-05

[21] **2,317,692**  
[13] A1

[51] **Int.Cl. 7C01F 7/30 7C08K 3/22 7C09C 1/40**  
[25] EN  
[54] **PYROGENICALLY PRODUCED ALUMINIUM OXIDE**  
[54] **OXYDE D'ALUMINIUM PRODUIT PAR PYROGENATION**  
[72] PLAMBECK-FISCHER, PEER, DE  
[72] SCHARFE, THOMAS, DE  
[72] HAMM, VOLKER, DE  
[72] MANGOLD, HELMUT, DE  
[72] HENNIG, THOMAS, DE  
[71] DEGUSSA-HÖLS AKTIENGESELLSCHAFT, DE  
[22] 2000-09-07  
[43] 2001-03-10  
[30] DE (199 43 291.0) 1999-09-10

[21] **2,317,693**  
[13] A1

[51] **Int.Cl. 7C09D 5/14 7C09D 125/10 7C09D 125/12 7C09D 133/20**  
[25] EN  
[54] **BIOCIDAL COATING COMPOSITIONS AND METHOD**  
[54] **COMPOSITIONS DE REVETEMENTS BIOCIDES ET METHODE**  
[72] MALLOW, WILLIAM A., US  
[71] ALISTAGEN CORPORATION, US  
[22] 2000-09-07  
[43] 2001-03-10  
[30] US (09/394,274) 1999-09-10

[21] **2,317,767**  
[13] A1

[51] **Int.Cl. 7A01M 29/02 7G08B 3/00**  
[25] EN  
[54] **ANIMAL WARNING ALARM DEVICE**  
[54] **DISPOSITIF D'AVERTISSEMENT D'ANIMAUX**  
[72] JACKSON, OTTO V., US  
[71] JACKSON, OTTO V., US  
[22] 2000-09-06  
[43] 2001-03-10  
[30] US (09/393,572) 1999-09-10

[21] **2,317,775**  
[13] A1

[51] **Int.Cl. 7H04L 9/32**  
[25] EN  
[54] **HYBRID SIGNATURE SCHEME**  
[54] **SYSTEME DE SIGNATURE HYBRIDE**  
[72] GALLANT, ROBERT, CA  
[72] RYAN, RICK, US  
[72] SINGER, ARI, US  
[72] LAMBERT, ROBERT J., CA  
[72] VANSTONE SCOTT ALEXANDER, CA  
[72] PINTSOV, LEON, US  
[71] CERTICOM CORP., CA  
[22] 2000-09-06  
[43] 2001-03-07  
[30] US (09/390,362) 1999-09-07

[21] **2,317,780**  
[13] A1

[51] **Int.Cl. 7H04L 12/24**  
[25] EN  
[54] **METHOD AND SYSTEM FOR INTERMEDIATE SYSTEM LEVEL 2 TRANSPARENCY USING THE SONET LDCC**  
[54] **METHODE ET SYSTEME POUR LA TRANSPARENCE DE NIVEAU 2 POUR SYSTEME INTERMEDIAIRE FAISANT APPEL AU LDCC SONET**  
[72] KLISH II, CYPRIAN T., US  
[72] MACAULEY, JOHN H., CA  
[72] HENDERSON, JEFF G., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-06  
[43] 2001-03-07  
[30] US (09/391,031) 1999-09-07

[21] **2,317,790**  
[13] A1

[51] **Int.Cl. 7H04N 5/46 7H04N 7/01**  
[25] EN  
[54] **IMAGE DISPLAY APPARATUS HAVING DIFFERENT DISPLAY MODE AND METHOD THEREOF**  
[54] **DISPOSITIF D'AFFICHAGE D'IMAGES AYANT DIVERS MODES D'AFFICHAGE ET METHODE DE FONCTIONNEMENT DE CE DISPOSITIF**  
[72] SAITO, SEIJI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-09-06  
[43] 2001-03-06  
[30] JP (P11-251388) 1999-09-06

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March 4, 2001 - March 10, 2001

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[21] **2,317,793**  
[13] A1  
[51] **Int.Cl. 7A61K 31/695 7A61P 1/10 7A61K 31/44 7A61K 35/78**  
[25] EN  
[54] **LAXATIVE COMPOSITION**  
[54] **COMPOSITION LAXATIVE**  
[72] MCNALLY, GERARD P., US  
[72] PENDLEY, CHARLES E., II, US  
[71] MCNEIL-PPC, INC., US  
[22] 2000-09-06  
[43] 2001-03-07  
[30] US (09/390,813) 1999-09-07

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[21] **2,317,795**  
[13] A1  
[51] **Int.Cl. 7G21F 9/00**  
[25] EN  
[54] **METHOD OF CHEMICAL DECONTAMINATION**  
[54] **METHODE DE DECONTAMINATION CHIMIQUE**  
[72] NAGASE, MAKOTO, JP  
[72] UETAKE, NAOHITO, JP  
[72] TAKAMORI, YOSHIYUKI, JP  
[72] ANAZAWA, KAZUMI, JP  
[72] ISHIDA, KAZUSHIGE, JP  
[72] YOSHIKAWA, HIROO, JP  
[72] TAMAGAWA, TADASHI, JP  
[71] KURITA ENGINEERING CO., LTD., JP  
[71] HITACHI, LTD., JP  
[22] 2000-09-06  
[43] 2001-03-09  
[30] JP (11-255424) 1999-09-09

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[21] **2,317,799**  
[13] A1  
[51] **Int.Cl. 7A23F 5/36**  
[25] EN  
[54] **SOLUBLE COFFEE HAVING INTENSIFIED FLAVOR AND COLOR AND METHOD OF MAKING SAME FROM A COFFEE EXTRACT**  
[54] **CAFE SOLUBLE AYANT UN AROME ET UNE COULEUR PLUS INTENSES ET METHODE DE PREPARATION A PARTIR D'UN EXTRAIT DE CAFE**  
[72] LANGDON, JOANNE MARIE, US  
[72] TUREK, EVAN JOEL, US  
[72] WISEMAN, GREGORY AARON, US  
[72] ZELLER, BARY LYN, US  
[71] KRAFT FOODS, INC., US  
[22] 2000-09-06  
[43] 2001-03-08  
[30] US (09/391,846) 1999-09-08

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[21] **2,317,823**  
[13] A1  
[51] **Int.Cl. 7H01R 13/639 7H01R 13/622**  
[25] EN  
[54] **ANTI-DECOUPLING ARRANGEMENT FOR AN ELECTRICAL CONNECTOR**  
[54] **DISPOSITIF ANTI-DECOUPLAGE POUR CONNECTEUR ELECTRIQUE**  
[72] JOHNSON, HEATH ALLEN, US  
[72] FREAR, DAVID LEIGH, US  
[72] WESTRICK, CLIFFORD JOSEPH, US  
[71] AMPHENOL CORPORATION, US  
[22] 2000-09-07  
[43] 2001-03-08  
[30] US (09/391,458) 1999-09-08

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[21] **2,317,827**  
[13] A1  
[51] **Int.Cl. 7A47J 27/08**  
[25] EN  
[54] **PRESSURE COOKER**  
[54] **AUTOUISEUR**  
[72] CHAN, WING PO, HK  
[71] CHIAPHUA INDUSTRIES LIMITED, HK  
[22] 2000-09-07  
[43] 2001-03-09  
[30] US (09/391,913) 1999-09-09

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[21] **2,317,828**  
[13] A1  
[51] **Int.Cl. 7B65G 47/31**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONVEYING GENERALLY FLAT ARTICLES**  
[54] **METHODE ET APPAREIL DE TRANSPORT SURBANDE D'ARTICLES GENERALEMENT PLATS**  
[72] VARY, SYLVIO, CA  
[72] GAMBA, ANDRÉ, CA  
[72] FEUILTAULT, DOMINIQUE, CA  
[72] DUVAL, MARC, CA  
[71] MACHINERIES FEUILTAULT CANADA INC., CA  
[22] 2000-09-07  
[43] 2001-03-07  
[30] CA (2,283,531) 1999-09-07

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[21] **2,317,831**  
[13] A1  
[51] **Int.Cl. 7B25H 1/02 7B23D 47/02 7B27B 5/16**  
[25] EN  
[54] **POWER TOOL MOUNTING STAND**  
[54] **SUPPORT DE MONTAGE D'OUTIL ELECTRIQUE**  
[72] CALCOTE, HAL, US  
[71] CALCOTE, HAL, US  
[22] 2000-09-07  
[43] 2001-03-08  
[30] US (09/396,672) 1999-09-08

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[21] **2,317,832**  
[13] A1  
[51] **Int.Cl. 7A21C 3/02 7A21C 11/10**  
[25] EN  
[54] **AN APPARATUS FOR SUPPLYING FOOD DOUGH**  
[54] **APPAREIL FOURNISSANT DE LA PATE ALIMENTAIRE**  
[72] MORIKAWA, MICHIO, JP  
[72] TAKAO, KENJI, JP  
[71] RHEON AUTOMATIC MACHINERY CO., LTD., JP  
[22] 2000-09-07  
[43] 2001-03-08  
[30] JP (11-254613) 1999-09-08

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[21] **2,317,842**  
[13] A1  
[51] **Int.Cl. 7A63B 22/02**  
[25] EN  
[54] **TREADMILL CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE DE TAPIS ROULANT**  
[72] FOX, JAMES B., US  
[72] LANTZ, KENNETH F., US  
[72] WILLE, DANIEL R., US  
[72] PORTH, TIMOTHY J., US  
[72] GOLEN, EMIL S. JR., US  
[72] CLAWSON, CHRISTOPHER E., US  
[72] DANILE, JOHN, US  
[72] OGLESBY, GARY E., US  
[72] KOHAN, ROBERT D., US  
[71] BRUNSWICK CORPORATION, US  
[22] 2000-09-07  
[43] 2001-03-07  
[30] US (60/152,657) 1999-09-07  
[30] US (60/159,268) 1999-10-13

**Demandes canadiennes mises à la disponibilité du public**  
**4 mars 2001 - 10 mars 2001**

[21] **2,317,843**  
[13] A1

[51] **Int.Cl. 7F01L 3/08**  
[25] EN  
[54] **VALVE STEM SEAL WITH PADS WITH TANGS**  
[54] **JOINT PREFORME DE TIGE DE SOUPE AVEC LANGUETTES ET TENONS**  
[72] HEGEMIER, TIMOTHY A., US  
[72] LEHMANN, ROBERT W., US  
[72] STAMBACK, MARK A., US  
[71] DANA CORPORATION, US  
[22] 2000-09-08  
[43] 2001-03-10  
[30] US (09/393,392) 1999-09-10

[21] **2,317,846**  
[13] A1

[51] **Int.Cl. 7A01C 3/06**  
[25] EN  
[54] **A DISTRIBUTOR APPARATUS FOR SPREADING MATERIALS**  
[54] **APPAREIL DE DISTRIBUTION POUR EPANDRE DES MATIERES**  
[72] McFARLANE, CLAUDE, US  
[72] ALBRIGHT, CRISTOPHER, US  
[71] KNIGHT MANUFACTURING CORP., US  
[22] 2000-09-08  
[43] 2001-03-08  
[30] US (09/391932) 1999-09-08

[21] **2,317,847**  
[13] A1

[51] **Int.Cl. 7B41J 2/185**  
[25] EN  
[54] **MEDIA CARTRIDGE AND IMAGE RECORDING APPARATUS WITH DETACHABLY MOUNTABLE MEDIA CARTRIDGE**  
[54] **CARTOUCHE A SUPPORTS ET APPAREIL D'ENREGISTREMENT D'IMAGES AVEC CARTOUCHE A SUPPORTS AMOVIBLE**  
[72] HIRANO, HIROFUMI, JP  
[72] NAKAI, HIROSHI, JP  
[72] TAKAHASHI, KEIJI, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2000-09-07  
[43] 2001-03-10  
[30] JP (11-257993) 1999-09-10  
[30] JP (11-257994) 1999-09-10  
[30] JP (2000-259123) 2000-08-29

[21] **2,317,848**  
[13] A1

[51] **Int.Cl. 7B63B 35/26 7A01K 73/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SEPARATING TARGET AND NON-TARGET SPECIES HARVESTED FROM WATERBODIES**  
[54] **METHODE ET APPAREIL POUR SEPARER LES ESPECES VISEES ET NON VISEES RECOLTEES DANS UNE NAPPE D'EAU**  
[72] GRANBERG, LEE, CA  
[71] GRANBERG, LEE, CA  
[22] 2000-09-08  
[43] 2001-03-08  
[30] US (60/152,798) 1999-09-08  
[30] US (09/583,273) 2000-05-31

[21] **2,317,849**  
[13] A1

[51] **Int.Cl. 7B05B 1/30 7B05B 1/00 7B05B 11/00 7B05B 12/00 7B05B 12/02**  
[25] EN  
[54] **CONVERGENT SPRAY NOZZLE SHUT-DOWN SYSTEM**  
[54] **SYSTEME D'ARRET DE BUSE DE PULVERISATION CONVERGENTE**  
[72] SCARPA, JACK G., US  
[72] HALL, TERRY, US  
[72] COSBY, STEVEN A., US  
[72] SNYDER, JACK D., US  
[72] MARLIN, JOHN D., US  
[71] USBI CO., US  
[22] 2000-09-08  
[43] 2001-03-10  
[30] US (09/394,288) 1999-09-10

[21] **2,317,850**  
[13] A1

[51] **Int.Cl. 7B65G 69/00**  
[25] EN  
[54] **LOW-PROFILE TRUCK LEVELER**  
[54] **APPAREIL ELEVATEUR DE CAMION SURBAISSE**  
[72] LEUM, GRANT, US  
[71] RITE-HITE HOLDING CORPORATION, US  
[22] 2000-09-07  
[43] 2001-03-08  
[30] US (09/391,557) 1999-09-08

[21] **2,317,851**  
[13] A1

[51] **Int.Cl. 7B05B 11/00 7B05B 1/00 7B05B 7/02 7B05B 12/02 7B05B 1/30**  
[25] EN  
[54] **PORTABLE CONVERGENT SPRAY GUN CAPABLE OF BEING HAND-HELD**  
[54] **PISTOLET PORTATIF DE PULVERISATION CONVERGENTE POUVANT ETRE TENU A LA MAIN**  
[72] SCARPA, JACK G., US  
[72] MARLIN, JOHN D., US  
[72] COSBY, STEVEN A., US  
[72] HALL, TERRY, US  
[71] USBI CO., US  
[22] 2000-09-08  
[43] 2001-03-10  
[30] US (09/394,289) 1999-09-10

[21] **2,317,857**  
[13] A1

[51] **Int.Cl. 7A63B 22/02**  
[25] EN  
[54] **TREADMILL MECHANISM**  
[54] **MECANISME DE TAPIS ROULANT**  
[72] OSENKARSKI, PAUL D., US  
[72] PORTH, TIMOTHY J., US  
[72] ANDERSON, TIMOTHY T., US  
[72] BARRETT, SHAWN, US  
[72] MARTIN, ANGELA, US  
[72] SMITH, THOMAS F., JR., US  
[72] HONDA, EDWARD, US  
[72] DALY, JULIETTE CHERLY, US  
[72] HAUGEN, PETER, US  
[72] HSING, JOHN JUNG, US  
[72] OGLESBY, GARY E., US  
[72] YEE, CHUNGKIN, US  
[72] MINNICH, EDWARD, US  
[72] CRAY, THOMAS B., US  
[72] CLAWSON, CHRISTOPHER E., US  
[72] WILLE, DANIEL R., US  
[72] PARTYNSKI, JEFFREY J., US  
[71] BRUNSWICK CORPORATION, US  
[22] 2000-09-07  
[43] 2001-03-07  
[30] US (60/152,657) 1999-09-07  
[30] US (60/159,268) 1999-10-13



Canadian Laid-Open Applications  
March 4, 2001 - March 10, 2001

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[21] **2,317,858**  
[13] A1  
[51] **Int.Cl. 7C09K 7/06 7E21B 21/06**  
[25] EN  
[54] **METHOD FOR THE REMOVAL AND RECOVERY OF THE OIL COMPONENT FROM DRILL CUTTINGS**  
[54] **METHODE POUR L'ENLEVEMENT ET LA RECUPERATION D'ELEMENTS PETROLIFERES DES DEBLAIS DE FORAGE**  
[72] PAPPÀ, ROSARIO, IT  
[72] COVA, UMBERTO, IT  
[72] CARPENTIERI, ANTONELLA, IT  
[72] MARCOTULLIO, ARMANDO, IT  
[72] SISTO, RAFFAELLO, IT  
[71] ENITECNOLOGIE S.P.A., IT  
[22] 2000-09-08  
[43] 2001-03-09  
[30] IT (MI 99/A 001888) 1999-09-09

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[21] **2,317,859**  
[13] A1  
[51] **Int.Cl. 7A63B 22/02**  
[25] EN  
[54] **TREADMILL MOTOR CONTROL**  
[54] **COMMANDE DE MOTEUR DE TAPIS ROULANT**  
[72] GOLEN, EMIL S., JR., US  
[72] SUTKOWSKI, ROBERT J., US  
[72] KIM, YOUNG CHUL, US  
[72] LANTZ, KENNETH F., US  
[71] BRUNSWICK CORPORATION, US  
[22] 2000-09-07  
[43] 2001-03-07  
[30] US (60/152,657) 1999-09-07  
[30] US (60/159,268) 1999-10-13

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[21] **2,317,860**  
[13] A1  
[51] **Int.Cl. 7F16L 27/08**  
[25] EN  
[54] **SWIVEL FITTING**  
[54] **RACCORD ARTICULE**  
[72] FRITZ, DEAN D., US  
[72] ORCUTT, ERIC D., US  
[71] DANA TECHNOLOGY, INC., US  
[22] 2000-09-08  
[43] 2001-03-09  
[30] US (09/392,727) 1999-09-09

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[21] **2,317,862**  
[13] A1  
[51] **Int.Cl. 7G01G 11/00**  
[25] EN  
[54] **PORTABLE CONVEYOR BELT SCALE**  
[54] **INSTRUMENT PORTATIF DE PESAGE CONTINU A BANDE**  
[72] TOMLINSON, BRYAN, CA  
[71] TOMLINSON, BRYAN, CA  
[22] 2000-09-07  
[43] 2001-03-07  
[30] US (09/390,705) 1999-09-07

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[21] **2,317,863**  
[13] A1  
[51] **Int.Cl. 7F16L 27/00 7F24F 13/02 7D06F 58/20**  
[25] EN  
[54] **REVERSIBLE ELBOW FOR CONNECTING FLEXIBLE DUCT**  
[54] **COUDE REVERSIBLE POUR LE RACCORDEMENT DE GAINES FLEXIBLES**  
[72] TUGGLE, W. GREGORY, US  
[71] BUILDER'S BEST, INC., US  
[22] 2000-09-08  
[43] 2001-03-10  
[30] US (60/153,296) 1999-09-10

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[21] **2,317,868**  
[13] A1  
[51] **Int.Cl. 7E01C 19/20 7B60P 3/30**  
[25] EN  
[54] **VEHICLE DISPENSING SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION POUR VEHICULE**  
[72] GIROUARD, PIERRE, CA  
[71] GIROUARD, PIERRE, CA  
[22] 2000-09-01  
[43] 2001-03-06  
[30] GB (9920838.1) 1999-09-06

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[21] **2,317,871**  
[13] A1  
[51] **Int.Cl. 7B29D 23/00 7B29C 49/00 7B29C 53/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCTION OF TUBING**  
[54] **METHODE ET APPAREIL DE PRODUCTION DE TUYAUTERIE**  
[72] TRIPLET, DAVID, US  
[72] ELLIS, CLAUDE, US  
[72] WINNER, GARY, US  
[72] MCKEEHAN, TOM, US  
[71] QUALITY MACHINING COMPANY, LLC, US  
[22] 2000-09-08  
[43] 2001-03-08  
[30] US (60/152,877) 1999-09-08

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[21] **2,317,872**  
[13] A1  
[51] **Int.Cl. 7B29C 43/58 7B31B 1/28**  
[25] EN  
[54] **SIDE MOUNTED TEMPERATURE PROBE FOR PRESSWARE DIE SETS**  
[54] **SONDE THERMIQUE A FIXATION LATERALE POUR BLOCS A COLONNES D'ARTICLES PRESSES**  
[72] SOFRONIE, MIRCEA T., US  
[72] JOHNS, ALBERT D., US  
[72] LITTLEJOHN, MARK B., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-09-08  
[43] 2001-03-09  
[30] US (60/153,096) 1999-09-09  
[30] US (UNKNOWN) 2000-08-31

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[21] **2,317,873**  
[13] A1  
[51] **Int.Cl. 7D21C 11/04**  
[25] EN  
[54] **ARRANGEMENT IN SODA RECOVERY BOILER**  
[54] **DISPOSITIF DE CHAUDIERE DE RECUPERATION DE SOUDE**  
[72] SALMI, KALLE, FI  
[72] MAKELA, JAAKKO, FI  
[72] HAKULINEN, AKI, FI  
[72] RUOHOLA, TUOMO, FI  
[71] KVAERNER PULPING OY, FI  
[22] 2000-09-08  
[43] 2001-03-10  
[30] FI (19991933) 1999-09-10

**Demandes canadiennes mises à la disponibilité du public**  
**4 mars 2001 - 10 mars 2001**

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[21] **2,317,875**  
[13] A1

[51] **Int.Cl. 7B31B 1/28**  
[25] EN  
[54] **ROTATING INTERNAL PIN  
BLANK STOPS FOR PRESSWARE DIE  
SETS**  
[54] **GOUPILLES DE BLOCAGE  
ROTATIVES INTERNES POUR  
CARCASSES D'ARTICLES PRESSES**  
[72] SOFRONIE, MIRCEA T., US  
[72] LITTLEJOHN, MARK B., US  
[72] JOHNS, ALBERT D., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-09-08  
[43] 2001-03-09  
[30] US (60/153,168) 1999-09-09  
[30] US (UNKNOWN) 2000-08-31

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[21] **2,317,878**  
[13] A1

[51] **Int.Cl. 7B29C 51/04 7B65D 1/36**  
[25] EN  
[54] **COMPARTMENTED DISPOSABLE  
FOOD SERVICE ARTICLES WITH  
ANGULAR JUNCTIONS  
THERMOFORMED WITH PLUG-  
ASSIST**  
[54] **ARTICLES COMPARTIMENTES  
JETABLES DE RESTAURATION A  
JONCTIONS ANGULAIRES OBTENUS  
PAR THERMOFORMAGE ASSISTE  
PAR POIN\_ON**  
[72] SWIONTEK, ANTHONY J., US  
[72] LITTLEJOHN, MARK B., US  
[72] LAMSON, WAYNE W., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-09-08  
[43] 2001-03-09  
[30] US (60/153,097) 1999-09-09  
[30] US (UNKNOWN) 2000-08-31

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[21] **2,317,880**  
[13] A1

[51] **Int.Cl. 7H01F 1/153 7B22F 3/16**  
[25] EN  
[54] **PROCESS FOR PRODUCING  
AMORPHOUS MAGNETICALLY SOFT  
BODY**  
[54] **PROCEDE POUR PRODUIRE UN  
ARTICLE SOUPLE, MAGNETISE ET  
AMORPHE**  
[72] OTSUKA, ISAMU, JP  
[72] KAWAI, TORU, JP  
[72] SHINTANI, ATSUNOBU, JP  
[72] YAMAMOTO, HIROSHI, JP  
[72] ENDO, ISAO, JP  
[71] KUBOTA CORPORATION, JP  
[22] 2000-09-08  
[43] 2001-03-09  
[30] JP (HEI 11-255271) 1999-09-09

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[21] **2,317,882**  
[13] A1

[51] **Int.Cl. 7G01V 9/00 7G01V 3/00  
7B60R 21/01**  
[25] EN  
[54] **OCCUPANT DETECTING SYSTEM  
D'OCUPANT**  
[72] ISHII, NAOTO, JP  
[72] ISONAGA, KAZUTOMO, JP  
[72] KAMIJI, KOICHI, JP  
[72] FUKUI, TSUTOMU, JP  
[72] KOYOTA, NOBUHIRO, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-09-08  
[43] 2001-03-10  
[30] JP (11-256854) 1999-09-10  
[30] JP (11-256855) 1999-09-10

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[21] **2,317,884**  
[13] A1

[51] **Int.Cl. 7H01M 8/04**  
[25] EN  
[54] **FUEL CELL  
RESERVOIR DE CARBURANT**  
[72] FUJII, YOSUKE, JP  
[72] OSAO, NORIAKI, JP  
[72] NAKAGAWA, TAKAKI, JP  
[72] WARIISHI, YOSHINORI, JP  
[72] SHINKAI, HIROSHI, JP  
[72] HAYASHI, KATSUMI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-09-08  
[43] 2001-03-10  
[30] JP (11-257009) 1999-09-10  
[30] JP (2000-234873) 2000-08-02

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[21] **2,317,890**  
[13] A1

[51] **Int.Cl. 7C04B 38/08 7C08J 9/40**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
INCREASING THE DENSITY OF  
LIGHTWEIGHT AGGREGATE FOR  
USE IN MAKING LIGHTWEIGHT  
CONCRETE**  
[54] **METHODE ET APPAREIL POUR  
AUGMENTER LA DENSITE DU  
GRANULAT LEGER A UTILISER DANS  
LA FABRICATION DE BETON LEGER**  
[72] GUINDON, BENOIT, CA  
[71] GUINDON, BENOIT, CA  
[22] 2000-09-08  
[43] 2001-03-08  
[30] CA (2,282,058) 1999-09-08

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[21] **2,317,892**  
[13] A1

[51] **Int.Cl. 7B29C 55/28 7B29C 49/42  
7B29C 49/78**  
[25] EN  
[54] **METHOD OF AND DEVICE FOR  
CONTROLLING AND  
AUTOMATICALLY CONTROLLING  
THE THICKNESS PROFILE IN THE  
PRODUCTION OF BLOWN FILM**  
[54] **METHODE ET DISPOSITIF POUR  
CONTROLLER ET CONTROLLER  
AUTOMATIQUEMENT LE PROFIL  
D'EPAISSEUR LORS DE LA  
PRODUCTION DE FILMS SOUFFLES**  
[72] UNKNOWN, ZZ  
[71] KDESIGN GMBH, DE  
[22] 2000-09-08  
[43] 2001-03-09  
[30] DE (199 42 999.5) 1999-09-09  
[30] DE (100 29 175.9) 2000-06-19

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[21] **2,317,893**  
[13] A1

[51] **Int.Cl. 7C12P 7/26 7C07C 49/653**  
[25] EN  
[54] **PRODUCTION OF NATURAL  
FLAVORS BY LACCASE CATALYSIS**  
[54] **PRODUCTION DE PARFUMS  
NATURELS PAR CATALYSE A LA  
LACCASE**  
[72] LABUDA, IVICA M., US  
[72] CHRISTENSON, PHILIPP A., US  
[72] HUANG, RONGMIN, US  
[71] GIVAUDAN SA, CH  
[22] 2000-09-07  
[43] 2001-03-08  
[30] US (09/391,785) 1999-09-08

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Canadian Laid-Open Applications  
March 4, 2001 - March 10, 2001

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[21] **2,317,894**  
[13] A1  
[51] **Int.Cl. 7C08F 26/06 7C08F 126/06 7C11D 3/37**  
[25] EN  
[54] **QUATERNARY POLYVINYLPIRRIDINIUM DERIVATIVES AS ANTI-DYE TRANSFER AGENTS**  
[54] **DERIVES QUATERNAIRES DE POLY(PYRIDINIUM DE VINYLE) UTILISES COMME AGENTS INHIBITEURS DE TRANSFERT DE COLORANT**  
[72] THOMAIDES, JOHN S., US  
[72] RODRIGUES, KLEIN A., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 2000-09-07  
[43] 2001-03-10  
[30] US (09/393,117) 1999-09-10

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[21] **2,317,902**  
[13] A1  
[51] **Int.Cl. 7G11C 15/00**  
[25] EN  
[54] **THREE PORT CONTENT ADDRESSABLE MEMORY DEVICE AND METHODS FOR IMPLEMENTING THE SAME**  
[54] **DISPOSITIF DE MEMOIRE ADRESSABLE PAR LE CONTENU A TROIS PORTS ET METHODE DE MISE EN OEUVRE DUDIT DISPOSITIF**  
[72] SCHULTZ, KENNETH J., CA  
[72] GIBSON, G.F. RANDALL, CA  
[72] SHAFAI, FARHAD, CA  
[71] SIBERCORE TECHNOLOGIES, INC., CA  
[22] 2000-09-07  
[43] 2001-03-10  
[30] US (60/153,388) 1999-09-10  
[30] US (60/167,155) 1999-11-23

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[21] **2,317,905**  
[13] A1  
[51] **Int.Cl. 7F16H 61/28**  
[25] EN  
[54] **VEHICLE AUTOMATIC TRANSMISSION**  
[54] **TRANSMISSION AUTOMATIQUE DE VEHICULE**  
[72] TANIZAWA, SHOICHI, JP  
[72] HATTORI, TAKAFUMI, JP  
[72] TAKASHIMA, TARO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-09-08  
[43] 2001-03-10  
[30] JP (11-256834) 1999-09-10

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[21] **2,317,908**  
[13] A1  
[51] **Int.Cl. 7F41B 11/06**  
[25] EN  
[54] **ALTERNATE SOURCE ADAPTER FOR COMPRESSED GAS-POWERED DEVICES**  
[54] **ADAPTEUR D'ALIMENTATION SECONDAIRE POUR DISPOSITIFS A GAZ COMPRIME**  
[72] WILLIAMS, BENJAMIN M., US  
[72] SIS, PHILLIP ALAN, US  
[71] BRASS EAGLE, INC., US  
[22] 2000-09-07  
[43] 2001-03-10  
[30] US (09/393,315) 1999-09-10

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[21] **2,317,909**  
[13] A1  
[51] **Int.Cl. 7E21B 10/08**  
[25] EN  
[54] **ROLLER CONE DRILL BIT SHALE DIVERTER**  
[54] **DEFLECTEUR DE SCHISTE ARGILEUX POUR TREPAN TRICONE**  
[72] CISNEROS, DENNIS, US  
[72] SINGH, AMARDEEP, US  
[72] NGUYEN, QUAN V., US  
[72] HUANG, SUJIAN J., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2000-09-07  
[43] 2001-03-07  
[30] US (09/390,717) 1999-09-07

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[21] **2,317,911**  
[13] A1  
[51] **Int.Cl. 7G09F 9/37 7G02B 26/00**  
[25] EN  
[54] **MAGNETOPHORETIC DISPLAY PANEL**  
[54] **AFFICHAGE MAGNETOPHORETIQUE**  
[72] NIHIRA, YOSHITO, JP  
[72] ITOU, TAKAHIRO, JP  
[71] TAKARA CO., LTD., JP  
[71] TDK CORPORATION, JP  
[22] 2000-09-08  
[43] 2001-03-10  
[30] JP (11-256869) 1999-09-10

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[21] **2,317,923**  
[13] A1  
[51] **Int.Cl. 7B60J 5/00**  
[25] FR  
[54] **PROCEDE DE MONTAGE EN AVEUGLE D'AU MOINS UN COMPOSANT ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE**  
[54] **PROCESS OF BLIND ASSEMBLY OF AT LEAST ONE COMPONENT AND DEVICE TO CARRY TO CARRY OUT THE PROCEDURE**  
[72] MORANDO, PATRICK, FR  
[71] MECAPLAST SAM, MC  
[22] 2000-08-30  
[43] 2001-03-06  
[30] FR (99 11121) 1999-09-06

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[21] **2,317,927**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G07F 19/00 7H04L 12/16**  
[25] EN  
[54] **METHODS AND APPARATUS FOR MONITORING FACSIMILE COLLATERAL FOR LENDING**  
[54] **METHODE ET APPAREIL DE CONTROLE DE L'INFORMATION AUXILIAIRE PROVENANT D'UN TELECOPIEUR DANS UN SERVICE DE PRETS**  
[72] DESMARTEAU, JACQUES MARC, US  
[72] SANTIMAYS, ROBERT JAMES, US  
[72] INTERRANTE, JOHN ALAN, US  
[72] SMITH, WILLIAM DAVID II, US  
[72] DIXON, WALTER VINCENT III, US  
[72] SIMMONS, MELVIN K., US  
[71] GE CAPITAL COMMERCIAL FINANCE, INC., US  
[22] 2000-08-31  
[43] 2001-03-08  
[30] US (09/392,029) 1999-09-08

**Demandes canadiennes mises à la disponibilité du public**  
**4 mars 2001 - 10 mars 2001**

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[21] **2,317,930**  
[13] A1

[51] **Int.Cl. 7A45D 34/00**  
[25] FR  
[54] **POMPE DESTINEE A EQUIPER UN RECIPIENT**  
[54] **PUMP DESIGNED FOR USE ON A CONTAINER**  
[72] BONNINGUE, PHILIPPE, FR  
[71] L'OREAL, FR  
[22] 2000-09-01  
[43] 2001-03-07  
[30] FR (99 11 137) 1999-09-07

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[21] **2,317,933**  
[13] A1

[51] **Int.Cl. 7H01B 7/14 7H01B 7/12 7G01V 1/38**  
[25] FR  
[54] **CABLE, NOTAMMENT FLUTE SISMIQUE, COMPORTANT PLUSIEURS CHAMBRES FORMANT FLOTTEUR EN CHAPELET ET OUTILS POUR REMPLIR, DEGAZER OU METTRE EN COMMUNICATION LES CHAMBRES DUDIT CABLE**  
[54] **CABLE, SPECIFICALLY A STREAMER CABLE, DESIGNED WITH SEVERAL CHAMBERS FORMING A STRING OF FLOATS, AND TOOLS FOR FILLING, DEGASSING AND CONNECTING THE CHAMBERS OF THE SAID CABLE**  
[72] BEUVELOT, PASCAL, FR  
[72] VIGNAUX, JEAN-JACQUES, FR  
[71] SERCEL, FR  
[22] 2000-09-07  
[43] 2001-03-07  
[30] FR (99 11168) 1999-09-07

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[21] **2,317,968**  
[13] A1

[51] **Int.Cl. 7H04L 27/00 7H03D 5/00 7H03D 9/00**  
[25] EN  
[54] **AUTOMATIC MODULATION TYPE DISCRIMINATION APPARATUS AND AUTOMATIC MODULATION TYPE DISCRIMINATION METHOD CAPABLE OF DISCRIMINATING PLURAL KINDS OF MODULATION TYPES**  
[54] **APPAREIL DE DISCRIMINATION AUTOMATIQUE DE TYPE DE MODULATION ET METHODE DE DISCRIMINATION AUTOMATIQUE DE TYPE DE MODULATION POUR FINS DE DISCRIMINATION ENTRE PLUSIEURS TYPES DE MODULATION**  
[72] KURODA, MASAHIRO, JP  
[72] ISHII, HIROYUKI, JP  
[72] IKI, YOSHIMITSU, JP  
[71] ANRITSU CORPORATION, JP  
[71] NEC CORPORATION, JP  
[22] 2000-09-08  
[43] 2001-03-09  
[30] JP (256366/1999) 1999-09-09

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[21] **2,317,969**  
[13] A1

[51] **Int.Cl. 7G10L 19/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DECODING SPEECH SIGNAL**  
[54] **METHODE ET APPAREIL DE DECODAGE DE SIGNAUX VOCAUX**  
[72] MURASHIMA, ATSUSHI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-09-08  
[43] 2001-03-10  
[30] JP (257075/99) 1999-09-10

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[21] **2,317,970**  
[13] A1

[51] **Int.Cl. 7H04L 12/18 7H04B 10/20**  
[25] EN  
[54] **DYNAMIC BURSTIFICATION BASED ON FULLY/PARTIALLY SHARED MULTICAST ENTITIES**  
[54] **MISE EN BLOCS DYNAMIQUE FONDEE SUR DES PAQUETS DE MULTIDIFFUSION ENTIEREMENT OU PARTIELLEMENT PARTAGES**  
[72] CANKAYA, HAKKI C., US  
[72] VANDENHOUTE, MARC L. J., US  
[72] XIONG, YIJUN, US  
[71] ALCATEL, US  
[22] 2000-09-08  
[43] 2001-03-10  
[30] US (09/393,636) 1999-09-10

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[21] **2,317,971**  
[13] A1

[51] **Int.Cl. 7H04L 12/42 7H04B 10/20**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PACKET LEVEL RESTORATION OF IP TRAFFIC USING OVERHEAD SIGNALING IN A FIBER OPTIC RING NETWORK**  
[54] **SYSTEME ET METHODE DE RESTAURATION AU NIVEAU DES PAQUETS DU TRAFIC IP DANS UN RESEAU OPTIQUE EN ANNEAU, FONDEE SUR SIGNAUX DE SERVICE**  
[72] DANTU, RAM, US  
[72] ESTER, GARY, US  
[72] O'CONNELL, PETE, US  
[71] ALCATEL USA SOURCING, L.P., US  
[22] 2000-09-08  
[43] 2001-03-10  
[30] US (09/393,752) 1999-09-10

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[21] **2,317,972**  
[13] A1

[51] **Int.Cl. 7H04L 12/42 7H04B 10/20**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PACKET LEVEL DISTRIBUTED ROUTING IN FIBER OPTIC RINGS**  
[54] **SYSTEME ET METHODE DE ROUTAGE REPARTI AU NIVEAU DES PAQUETS DANS UN RESEAU OPTIQUE EN ANNEAU**  
[72] O'CONNELL, PETE, US  
[72] DANTU, RAM, US  
[71] ALCATEL USA SOURCING, L.P., US  
[22] 2000-09-08  
[43] 2001-03-10  
[30] US (09/393,747) 1999-09-10

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[21] **2,317,982**  
[13] A1

[51] **Int.Cl. 7H04B 3/23**  
[25] EN  
[54] **QUADRATURE FILTER AUGMENTATION OF ECHO CANCELER BASIS FUNCTIONS**  
[54] **AMELIORATION PAR FILTRAGE EN QUADRATURE DES FONCTIONS DE BASE D'UN ANNELEUR D'ECHO**  
[72] DUTTWEILER, DONALD LARS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-08  
[43] 2001-03-10  
[30] US (09/393,948) 1999-09-10

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[21] **2,317,993**  
[13] A1  
[51] **Int.Cl. 7H04L 7/033**  
[25] EN  
[54] **ARRANGEMENT FOR CLOCK SUPPLY OF HIGH BIT RATE SWITCHING NETWORK STRUCTURES**  
[54] **ARRANGEMENT DE PRODUCTION DE SIGNAUX D'HORLOGE DANS DES STRUCTURES DE RESEAU DE COMMUTATION A DEBIT BINAIRE ELEVE**  
[72] HIPPE, IMRE, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 2000-09-11  
[43] 2001-03-09  
[30] DE (19943172.8) 1999-09-09

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[21] **2,318,000**  
[13] A1  
[51] **Int.Cl. 7C11D 3/18 7C11D 17/00 7C11D 3/20 7C11D 1/72 7C11D 1/722 7C11D 1/83**  
[25] EN  
[54] **DETERGENT COMPONENT WITH FINELY DIVIDED SOLIDS**  
[54] **COMPOSANT DE DETERGENT CONTENANT DES SOLIDES FINEMENT DIVISES**  
[72] KESSLER, ARND, DE  
[72] HAERER, JUERGEN, DE  
[72] BAYERSDOERFER, ROLF, DE  
[72] GASSENMEIER, THOMAS, DE  
[72] SCHMIEDEL, PETER, DE  
[72] SUNDER, MATTHIAS, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-09-11  
[43] 2001-03-10  
[30] DE (199 43 301.1) 1999-09-10  
[30] DE (199 57 505.3) 1999-11-30

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[21] **2,318,019**  
[13] A1  
[51] **Int.Cl. 7G11C 15/00**  
[25] EN  
[54] **CONTENT ADDRESSABLE MEMORY HAVING READ/WRITE CAPABILITIES THAT DO NOT INTERRUPT CONTINUOUS SEARCH CYCLES**  
[54] **MEMOIRE ADRESSABLE PAR LE CONTENU AVEC FONCTIONS DE LECTURE/ECRITURE QUI N'INTERROMPENT PAS LES CYCLES DE RECHERCHE CONTINUE**  
[72] AVRAMESCU, RADU, CA  
[72] GIBSON, G.F. RANDALL, CA  
[71] SIBERCORE TECHNOLOGIES, INC., CA  
[22] 2000-09-08  
[43] 2001-03-10  
[30] US (60/153,388) 1999-09-10

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[21] **2,318,649**  
[13] A1  
[51] **Int.Cl. 7C01C 1/02**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR PRODUCING AMMONIA IN A RECYCLE CIRCUIT STREAM USING CERAMIC MEMBRANES**  
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'AMMONIAQUE DANS UN CIRCUIT DE RECYCLAGE A L'AIDE DE MEMBRANES CERAMIQUES**  
[72] RIEZEBOS, AREND, NL  
[72] DE WIT, JACOBUS JOHANNES, NL  
[71] CONTINENTAL ENGINEERING B.V., NL  
[22] 2000-09-11  
[43] 2001-03-10  
[30] NL (1013016) 1999-09-10

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[21] **2,318,666**  
[13] A1  
[51] **Int.Cl. 7B25D 17/02**  
[25] EN  
[54] **SET OF DISTINGUISHABLE ROBERTSON DRIVER BITS**  
[54] **JEU DE LAMES DE TOURNEVIS ROBERTSON RECONNAISSABLES**  
[72] RAY, JAMES C., US  
[72] RANKINE, THOMAS, CA  
[71] RAY-GRIFFIN, INC., US  
[71] ROBERTSON INC., CA  
[22] 2000-09-11  
[43] 2001-03-10  
[30] US (09/393,626) 1999-09-10

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[21] **2,318,679**  
[13] A1  
[51] **Int.Cl. 7B60R 9/10**  
[25] EN  
[54] **ARTICLE CARRIER WITH BICYCLE STABILIZATION BAR**  
[54] **PORTE-BAGAGES AVEC BARRE DE STABILISATION POUR BICYCLETTES**  
[72] MCCOY, RICHARD W., US  
[72] ADAMS, KATHERINE A., US  
[71] REESE PRODUCTS, INC., US  
[22] 2000-09-11  
[43] 2001-03-10  
[30] US (60/154,025) 1999-09-10

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[21] **2,323,115**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/32 7H02J 1/00**  
[25] EN  
[54] **CHIP POWERED CELL PHONE PROCESS**  
[54] **PROCESSUS POUR TELEPHONES CELLULAIRES FONDE SUR UNE PUCE**  
[72] KOHN, ANDREW FRED, CA  
[71] KOHN, ANDREW FRED, CA  
[22] 2000-11-02  
[43] 2001-03-10

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[21] **2,326,848**  
[13] A1  
[51] **Int.Cl. 7B60H 1/24 7G05B 9/02 7B60R 16/02 7G08B 21/14**  
[25] EN  
[54] **AUTOMATIC CO DETECTOR FOR AUTOMOBILES**  
[54] **CO-DETECTEUR AUTOMATIQUE POUR AUTOMOBILES**  
[72] KOHN, ANDREW FRED, CA  
[71] KOHN, ANDREW FRED, CA  
[22] 2000-12-28  
[43] 2001-03-09

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[21] **2,324,228**  
[13] A1  
[51] Int.Cl. 7C12N 15/52 7A01H 1/00  
7C12N 9/00 7C12N 1/19  
[25] EN  
[54] GENES CODING FOR FLAVONE  
SYNTHASES  
[54] GENES CODANT POUR LES  
FLAVONE SYNTHASES  
[72] KUSUMI, TAKA AKI, JP  
[72] MIZUTANI, MASAKO, JP  
[72] TANAKA, YOSHIKAZU, JP  
[72] AYABE, SHIN-ICHI, JP  
[72] AKASHI, TOMOYOSHI, JP  
[71] SUNTORY LIMITED, JP  
[85] 2000-09-28  
[86] 2000-06-30 (PCT/JP00/04379)  
[87] 2001-01-19 (WO01/00560)  
[30] JP (11/205229) 1999-07-19

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[21] **2,325,351**  
[13] A1  
[51] Int.Cl. 7C12N 15/10 7A61K 39/00  
7A61K 48/00 7C12P 21/00 7C12P 19/34  
7A61K 39/39 7A61K 31/70  
[25] EN  
[54] NON-STOCHASTIC GENERATION  
OF GENETIC VACCINES AND  
ENZYMES  
[54] ELABORATION NON  
STOCHASTIQUE DE VACCINS  
GENETIQUES ET D'ENZYMES  
[72] SHORT, JAY M., US  
[71] DIVERSA CORPORATION, US  
[85] 2000-10-03  
[86] 2000-02-04 (PCT/US00/03086)  
[87] 2000-08-10 (WO00/46344)  
[30] US (09/246,178) 1999-02-04

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[21] **2,328,503**  
[13] A1  
[51] Int.Cl. 6A61K 38/19 6C07K 14/52  
[25] EN  
[54] PHARMACEUTICAL  
COMPOSITION CONTAINING  
TRANSFER FACTOR FOR  
TREATMENT OF INFLAMMATORY  
BOWEL DISEASE AND REGRESSIVE  
BEHAVIOURAL DISORDER  
[54] COMPOSITION  
PHARMACEUTIQUE CONTENANT UN  
FACTEUR DE TRANSFERT SERVANT  
A TRAITER LA MALADIE  
INTESTINALE INFLAMMATOIRE ET  
LES TROUBLES DE DEVELOPPEMENT  
PROFOND  
[72] FUNDENBURG, HUGH, US  
[72] WAKEFIELD, ANDREW JEREMY,  
GB  
[71] ROYAL FREE HOSPITAL SCHOOL  
OF MEDICINE, GB  
[71] NEUROIMMUNO THERAPEUTICS  
RESEARCH FOUNDATION, US  
[85] 2000-11-20  
[86] 1998-06-04 (PCT/GB98/01637)  
[87] 1998-12-10 (WO98/55138)  
[30] GB (9711663.6) 1997-06-06

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[21] **2,328,774**  
[13] A1  
[51] Int.Cl. 7A61K 38/16 7A61K 48/00  
7A61K 38/18  
[25] EN  
[54] METHOD OF TREATING  
INTERSTITIAL CYSTITIS WITH  
RECOMBINANT HEPARIN-BINDING  
EPIDERMAL GROWTH FACTOR-LIKE  
GROWTH FACTOR (HB-EGF)  
[54] PROCEDE SERVANT A TRAITER  
LA CYSTITITE INTERSTITIELLE AU  
MOYEN D'UN FACTEUR DE  
CROISSANCE SEMBLABLE AU  
FACTEUR DE CROISSANCE  
EPIDERMIQUE DE RECOMBINAISON  
SE FIXANT A HEPARINE (HB-EGF)  
[72] HISE, MICHAEL, US  
[72] KEAY, SUSAN, US  
[72] WARREN, JOHN, US  
[71] UNIVERSITY OF MARYLAND,  
BALTIMORE, US  
[85] 2000-10-16  
[86] 1999-04-16 (PCT/US99/08441)  
[87] 1999-10-28 (WO99/54706)  
[30] US (60/082,070) 1998-04-17

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[21] **2,329,039**  
[13] A1  
[51] Int.Cl. 6B01D 19/00 6B01D 21/26  
[25] EN  
[54] THREE-PHASE ROTARY  
SEPARATOR  
[54] SEPARATEUR ROTATIF TROIS-  
PHASES  
[72] DAVIES, SIMON ROGER  
HENDERSON, NO  
[72] HAYS, LANCE G., US  
[72] CHRISTIANSEN, BJOERN, NO  
[71] MULTI-PHASE POWER AND  
PROCESSING TECHNOLOGY LLC, US  
[85] 2000-10-19  
[86] 1999-05-06 (PCT/US99/10145)  
[87] 1999-11-18 (WO99/58220)  
[30] US (PCT/US98/09444) 1998-05-08  
[30] US (09/076,627) 1998-05-12

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[21] **2,329,682**  
[13] A1  
[51] Int.Cl. 6C12N 15/31 6C12P 21/00  
6C12N 5/10 6A61K 39/104 6C07K 16/12  
6C07K 14/21 6G01N 33/569 6C12N 15/63  
[25] EN  
[54] MORAXELLA CATARRHALIS  
POLYNUCLEOTIDES AND  
POLYPEPTIDES  
[54] POLYNUCLEOTIDES ET  
POLYPEPTIDES DE  
\$(BRANHAMELLA CATARRHALIS)  
[72] THONNARD, JOELLE, BE  
[71] SMITHKLINE BEECHAM  
BIOLOGICALS S.A., BE  
[85] 2000-12-07  
[86] 1999-05-31 (PCT/EP99/03824)  
[87] 1999-12-16 (WO99/64602)  
[30] GB (9812440.7) 1998-06-09

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[21] **2,329,694**  
[13] A1  
[51] Int.Cl. 6C12N 15/15 6C07K 16/38  
6C07K 14/81  
[25] EN  
[54] KUNITZ DOMAIN POLYPEPTIDE  
AND MATERIALS AND METHODS FOR  
MAKING IT  
[54] POLYPEPTIDE DU DOMAINE DE  
KUNITZ, MATERIAUX ET PROCEDES  
POUR LE REALISER  
[72] CONKLIN, DARRELL C., US  
[72] GAO, ZEREN, US  
[72] FOSTER, DONALD C., US  
[71] ZYMOGENETICS, INC., US  
[85] 2000-11-28  
[86] 1999-05-26 (PCT/US99/11628)  
[87] 1999-12-02 (WO99/61615)  
[30] US (09/086,253) 1998-05-28

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[21] **2,329,754**  
[13] A1  
[51] Int.Cl. 6C07K 16/46 6A61K 39/44  
[25] EN  
[54] PEPTIDE COMPOSITION AS  
IMMUNOGEN FOR THE TREATMENT  
OF ALLERGY  
[54] COMPOSITION DE PEPTIQUE  
COMME IMMUNOGENE  
PERMETTANT DE TRAITER  
L'ALLERGIE  
[72] WALFIELD, ALAN M., US  
[72] WANG, CHANG YI, US  
[71] UNITED BIOMEDICAL, INC., US  
[85] 2000-12-11  
[86] 1999-06-21 (PCT/US99/13959)  
[87] 1999-12-29 (WO99/67293)  
[30] US (09/100,287) 1998-06-20

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[21] **2,329,755**  
[13] A1  
[51] Int.Cl. 6A61K 38/31 6A61K 39/00  
6A61K 39/02 6A61K 39/29 6C07K 14/65  
[25] EN  
[54] SYNTHETIC SOMATOSTATIN  
IMMUNOGEN FOR GROWTH  
PROMOTION IN FARM ANIMALS  
[54] IMMUNOGENES SYNTHETIQUES  
A BASE DE SOMATOSTATINE  
SERVANT A STIMULER LA  
CROISSANCE CHEZ DES ANIMAUX  
D'ELEVAGE  
[72] WANG, CHANG YI, US  
[71] UNITED BIOMEDICAL, INC., US  
[85] 2000-12-11  
[86] 1999-06-21 (PCT/US99/13923)  
[87] 1999-12-29 (WO99/66950)  
[30] US (09/100,415) 1998-06-20

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[21] **2,329,757**  
[13] A1  
[51] Int.Cl. 6A61K 38/00 6A61K 39/00  
6C12N 15/00 6A61K 31/445  
[25] EN  
[54] USE OF .ALPHA.1.BETA.1  
INTEGRIN RECEPTOR INHIBITORS  
AND TGF-.BETA.1 INHIBITORS IN THE  
TREATMENT OF KIDNEY DISEASE  
[54] UTILISATION D'INHIBITEURS  
DES RECEPTEURS DE L'INTEGRINE  
.ALPHA.1.BETA.1 ET DES  
INHIBITEURS TGF-.BETA.1 DANS LE  
TRAITEMENT D'AFFECTIONS  
RENALES  
[72] COSGROVE, DOMINIC, US  
[71] BOYS TOWN NATIONAL  
RESEARCH HOSPITAL, US  
[85] 2000-11-21  
[86] 1999-05-19 (PCT/US99/11073)  
[87] 1999-12-02 (WO99/61040)  
[30] US (60/086,587) 1998-05-22  
[30] US (09/088,766) 1998-06-02  
[30] US (09/150,485) 1998-09-09

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[21] **2,329,776**  
[13] A1  
[51] Int.Cl. 6C12N 15/12 6C12P 21/08  
6C12N 5/20 6C07K 16/30 6A61K 39/395  
6G01N 33/53 6G01N 33/577 6C12N 15/62  
6C12N 15/63  
[25] EN  
[54] ANTIBODY AGAINST LAR  
PHOSPHATASE SUBUNIT  
[54] ANTICORPS CONTRE UNE SOUS-  
UNITE DE PHOSPHATASE LAR  
[72] TSUJIKAWA, KAZUTAKE, JP  
[72] YAMAMOTO, HIROSHI, JP  
[72] KONISHI, NOBORU, JP  
[72] UCHINO, YUKIKO, JP  
[71] FUSO PHARMACEUTICAL  
INDUSTRIES, LTD., JP  
[85] 2000-12-07  
[86] 1999-06-07 (PCT/JP99/03054)  
[87] 1999-12-16 (WO99/64591)  
[30] JP (PCT/JP98/02542) 1998-06-08

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[21] **2,330,038**  
[13] A1  
[51] Int.Cl. 7C12N 15/10 7C07K 5/00  
7C07K 7/00 7C12N 15/12 7C07K 14/47  
[25] EN  
[54] COMPOSITIONS AND METHODS  
FOR IDENTIFYING APOPTOSIS  
SIGNALING PATHWAY INHIBITORS  
AND ACTIVATORS  
[54] COMPOSITIONS ET PROCEDES  
SERVANT A IDENTIFIER DES  
INHIBITEURS ET DES ACTIVATEURS  
DU TRAJET DE SIGNALISATION DE  
L'APOPTOSE  
[72] KOSEKI, TAKEYOSHI, US  
[72] INOHARA, NAHIRO, US  
[72] NUNEZ, GABRIEL, US  
[71] THE REGENTS OF THE  
UNIVERSITY OF MICHIGAN, US  
[85] 2000-10-26  
[86] 1999-04-27 (PCT/US99/09183)  
[87] 1999-11-04 (WO99/55134)  
[30] US (09/069,023) 1998-04-27

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[21] **2,330,168**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 14/47**  
[25] EN  
[54] **PROTEIN FOR REGULATING APOPTOSIS**  
[54] **PROTEINE POUR LA REGULATION DE L' APOPTOSE**  
[72] PETER, MARCUS, DE  
[72] KRAMMER, PETER, DE  
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS, DE  
[85] 2000-12-08  
[86] 1999-06-08 (PCT/DE99/01712)  
[87] 1999-12-16 (WO99/64584)  
[30] DE (198 25 621.3) 1998-06-08

[21] **2,330,172**  
[13] A1

[51] **Int.Cl. 6A61K 48/00 6A61L 27/00**  
[25] EN  
[54] **PROSTHETIC IMPLANT AND METHODS OF USE FOR THERAPEUTIC GENE EXPRESSION**  
[54] **IMPLANT PROTHETIQUE ET TECHNIQUES D'UTILISATION AUX FINS DE L'EXPRESSION DE GENES THERAPEUTIQUES**  
[72] LEJNIEKS, DANIEL J., US  
[72] OSBORNE, WILLIAM R. A., US  
[71] UNIVERSITY OF WASHINGTON, US  
[85] 2000-12-01  
[86] 1999-06-01 (PCT/US99/12116)  
[87] 1999-12-09 (WO99/62562)  
[30] US (60/087,659) 1998-06-02

[21] **2,330,178**  
[13] A1

[51] **Int.Cl. 6A61K 39/245 6A61K 39/00 6A61K 39/12**  
[25] EN  
[54] **SYNTHETIC PEPTIDE VACCINES FOR FOOT-AND-MOUTH DISEASE**  
[54] **VACCINS PEPTIDIQUES SYNTHETIQUES DESTINES A LA FIEVRE APHTEUSE**  
[72] SHEN, MING, US  
[72] WANG, CHANG YI, US  
[71] UNITED BIOMEDICAL, INC., US  
[85] 2000-12-11  
[86] 1999-06-21 (PCT/US99/13921)  
[87] 1999-12-29 (WO99/66954)  
[30] US (09/100,600) 1998-06-20

[21] **2,330,170**  
[13] A1

[51] **Int.Cl. 6C07K 16/06**  
[25] EN  
[54] **PROCESS FOR PRODUCING IMMUNOGLOBULINS FOR INTRAVENOUS ADMINISTRATION AND OTHER IMMUNOGLOBULIN PRODUCTS**  
[54] **PROCEDE DE PRODUCTION D'IMMUNOGLOBULINES DESTINEES A UNE ADMINISTRATION INTRAVEINEUSE ET D'AUTRES PRODUITS D'IMMUNOGLOBULINES**  
[72] LAURSEN, INGA, DK  
[72] TEISNER, BORGE, DK  
[71] STATENS SERUM INSTITUT, DK  
[85] 2000-12-07  
[86] 1999-06-09 (PCT/DK99/00312)  
[87] 1999-12-16 (WO99/64462)  
[30] EP (98201909.3) 1998-06-09  
[30] US (60/102,055) 1998-09-28

[21] **2,330,175**  
[13] A1

[51] **Int.Cl. 6C12N 5/06 6A61K 35/30**  
[25] EN  
[54] **EPENDYMAL NEURAL STEM CELLS AND METHOD FOR THEIR ISOLATION**  
[54] **CELLULES EMBRYONNAIRES NEURONALES EPENDYMAIRES ET METHODE SERVANT A ISOLER CELLES-CI**  
[72] JANSON, ANN MARIE, SE  
[72] FRISEN, JONAS, SE  
[72] JOHANSSON, CLAS, SE  
[72] MOMMA, STEFAN, SE  
[72] CLARKE, DIANA, SE  
[72] LENDAHL, URBAN, SE  
[72] ZHAO, MING, SE  
[72] DELFANI, KIOUMARS, SE  
[71] NEURONOVA AB, SE  
[85] 2000-12-05  
[86] 1999-06-24 (PCT/SE99/01157)  
[87] 1999-12-29 (WO99/67363)  
[30] SE (9802264-3) 1998-06-25

[21] **2,330,179**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 14/47**  
[25] EN  
[54] **HUMAN HOMOLOGUE OF UNC-53 PROTEIN OF C. ELEGANS**  
[54] **HOMOLOGUE HUMAIN DE LA PROTEINE UNC-53 DE C. ELEGANS**  
[72] VAN DE CRAEN, MARC, BE  
[72] VERHASSELT, PETER, BE  
[72] GEYSEN, JOHAN JOZEF GUSTAVE HENDRIK, BE  
[72] DE RAEYMAEKER, MARC CARL, BE  
[72] LUYTEN, WALTER HERMAN MARIA LOUIS, BE  
[72] MAERTENS, LUC JACQUES SIMON, BE  
[72] BOGAERT, THIERRY A. O. E., BE  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/EP99/03848)  
[87] 1999-12-09 (WO99/63080)  
[30] GB (9811962.1) 1998-06-03

[21] **2,330,171**  
[13] A1

[51] **Int.Cl. 6C12N 9/64 6C12N 15/00 6C12N 15/57 6C12N 15/70 6C12N 15/79**  
[25] EN  
[54] **HUMAN PROTEIN C POLYPEPTIDE**  
[54] **POLYPEPTIDE DE PROTEINE C**  
[72] RIGGIN, RALPH MERIDITH, US  
[72] HUANG, LIHUA, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-12-01  
[86] 1999-06-01 (PCT/US99/11969)  
[87] 1999-12-09 (WO99/63070)  
[30] US (60/087,585) 1998-06-01



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[21] **2,330,206**  
[13] A1  
[51] **Int.Cl. 6C12N 9/10 6A61K 48/00 6A01K 67/027 6C12N 15/10 6A61K 38/45 6C07K 14/455 6G01N 33/53 6C12N 15/54 6C12Q 1/68 6A61K 31/70**  
[25] EN  
[54] **POLY(ADP-RIBOSE) POLYMERASE GENE**  
[54] **GENES DE POLY(ADP-RIBOSE)POLYMERASE**  
[72] KROGER, BURKHARD, DE  
[72] OTTERBACH, BERND, DE  
[72] LUBISCH, WILFRIED, DE  
[72] HOGER, THOMAS, DE  
[72] LEMAIRE, HANS-GEORG, DE  
[72] KOCK, MICHAEL, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/EP99/03889)  
[87] 1999-12-16 (WO99/64572)  
[30] DE (198 25 213.7) 1998-06-05  
[30] DE (199 08 837.3) 1999-03-01

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[21] **2,330,207**  
[13] A1  
[51] **Int.Cl. 6C12N 15/00**  
[25] EN  
[54] **MICRONEEDLE DEVICES AND METHODS OF MANUFACTURE AND USE THEREOF**  
[54] **DISPOSITIFS A MICROAIGUILLES ET PROCEDES DE FABRICATION ET D'UTILISATION CORRESPONDANTS**  
[72] PRAUSNITZ, MARK R., US  
[72] ALLEN, MARK G., US  
[72] HENRY, SEBASTIEN, FR  
[72] CROS, FLORENT PAUL MARCEL, US  
[72] MCALLISTER, DEVIN V., US  
[71] GEORGIA TECH RESEARCH CORPORATION, US  
[85] 2000-12-08  
[86] 1999-06-10 (PCT/US99/13226)  
[87] 1999-12-16 (WO99/64580)  
[30] US (09/095,221) 1998-06-10  
[30] US (09/316,229) 1999-05-21

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[21] **2,330,208**  
[13] A1  
[51] **Int.Cl. 6C12N 5/00 6C12N 15/00**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR USE IN AFFECTING HEMATOPOIETIC STEM CELL POPULATIONS IN MAMMALS**  
[54] **COMPOSITIONS ET METHODES UTILISEES POUR MODIFIER DES POPULATIONS DE CELLULES SOUCHES HEMATOPOIETIQUES CHEZ DES MAMMIFERES**  
[72] ZIEGLER, BENEDIKT L., DE  
[72] PESCHLE, CESARE, IT  
[71] INSTITUTO SUPERIORE DI SANITA, IT  
[71] THOMAS JEFFERSON UNIVERSITY, US  
[71] ZIEGLER, BENEDIKT L., DE  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/US99/12054)  
[87] 1999-12-02 (WO99/61584)  
[30] US (60/087,153) 1998-05-29

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[21] **2,330,209**  
[13] A1  
[51] **Int.Cl. 6C12N 15/30 6A61K 39/002 6C07K 14/45 6G01N 33/569 6C12N 15/81**  
[25] EN  
[54] **RECOMBINANT PRODUCTION OF TOXOPLASMA SAG1 ANTIGEN**  
[54] **PRODUCTION PAR RECOMBINAISON DE L'ANTIGENE SAG1 DE TOXOPLASME**  
[72] BIEMANS, RALPH, BE  
[72] BOLLEN, ALEX, BE  
[72] HAUMONT, MICHELE, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-12-08  
[86] 1999-06-08 (PCT/EP99/03957)  
[87] 1999-12-23 (WO99/66043)  
[30] GB (9812773.1) 1998-06-12  
[30] GB (9908564.9) 1999-04-15

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[21] **2,330,211**  
[13] A1  
[51] **Int.Cl. 6C12N 15/87 6A61K 48/00**  
[25] EN  
[54] **FORMULATIONS FOR ELECTROPORATION**  
[54] **FORMULATIONS POUR ELECTROPORATION**  
[72] PETRAK, KAREL, US  
[72] LI, YUHUA, US  
[72] MACLAUGHLIN, FIONA, GB  
[72] LI, SHULIN, US  
[71] VALENTIS, INC., US  
[85] 2000-12-07  
[86] 1999-05-28 (PCT/US99/11927)  
[87] 1999-12-16 (WO99/64615)  
[30] US (60/088,691) 1998-06-08

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[21] **2,330,212**  
[13] A1  
[51] **Int.Cl. 6A01N 37/18**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR ACTIVE VACCINATION**  
[54] **COMPOSITIONS ET PROCEDES DE VACCINATION ACTIVE**  
[72] AGUS, DAVID B., US  
[72] ZELENETZ, ANDREW D., US  
[72] ROBERTS, WENDY, US  
[72] SCHEINBERG, DAVID, US  
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US  
[85] 2000-11-08  
[86] 1999-05-07 (PCT/US99/10065)  
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[30] US (60/084,870) 1998-05-08

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[13] A1

[51] **Int.Cl. 7C12N 15/82 7C08B 30/00 7A01H 5/00 7C12N 9/10 7C12N 15/11 7C12N 15/54**  
[25] EN  
[54] **MODIFICATION OF STARCH BIOSYNTHETIC ENZYME GENE EXPRESSION TO PRODUCE STARCHES IN GRAIN CROPS**  
[54] **MODIFICATION DE L'EXPRESSION DU GENE DE L'ENZYME DE BIOSYNTHESE DE L'AMIDON EN VUE DE LA PRODUCTION D'AMIDON DANS DES CULTURES CEREALIERES**  
[72] BROGLIE, KAREN E., US  
[72] LIGHTNER, JONATHAN EDWARD, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-12-08  
[86] 1999-07-26 (PCT/US99/16296)  
[87] 2000-02-10 (WO00/06755)  
[30] US (60/094,436) 1998-07-28

[21] **2,330,225**  
[13] A1

[51] **Int.Cl. 6C07H 21/00 6A61K 38/00 6A61K 39/00 6C07K 2/00 6C07K 14/52 6A61K 31/70 6A61K 31/715**  
[25] EN  
[54] **IMMUNOSTIMULATORY OLIGONUCLEOTIDES WITH MODIFIED BASES AND METHODS OF USE THEREOF**  
[54] **OLIGONUCLEOTIDES IMMUNOSTIMULATEURS AVEC BASES MODIFIEES ET LEURS METHODES D'UTILISATION**  
[72] SCHWARTZ, DAVID, US  
[71] DYNAX TECHNOLOGIES CORPORATION, US  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/US99/12538)  
[87] 1999-12-09 (WO99/62923)  
[30] US (60/088,310) 1998-06-05  
[30] US (09/324,191) 1999-06-01

[21] **2,330,227**  
[13] A1

[51] **Int.Cl. 6C12N 15/00**  
[25] EN  
[54] **METHOD FOR TRIGGERING APOPTOSIS IN CELLS**  
[54] **PROCEDE POUR DECLENCHE L' APOPTOSE DANS DES CELLULES**  
[72] ROTHBARTH, KARSTEN, DE  
[72] NEHLS, PETER, DE  
[72] STAMMER, HERMANN, DE  
[72] WERNER, DIETER, DE  
[71] NEHLS, PETER, DE  
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS, DE  
[85] 2000-12-04  
[86] 1999-06-02 (PCT/DE99/01684)  
[87] 1999-12-09 (WO99/63071)  
[30] DE (198 24 811.3) 1998-06-03

[21] **2,330,228**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C12N 1/21 6C07K 16/28 6G01N 33/50 6C07K 14/71**  
[25] EN  
[54] **ANGIOSTATIN-BINDING PROTEIN**  
[54] **PROTEINE SE LIANT A L'ANGIOSTATINE**  
[72] TROYANOVSKY, BORIS, SE  
[72] HOLMGREN, LARS, SE  
[71] PHARMACIA & UPJOHN AB, SE  
[85] 2000-12-05  
[86] 1999-06-11 (PCT/EP99/04109)  
[87] 1999-12-23 (WO99/66038)  
[30] SE (9802130-6) 1998-06-15  
[30] US (60/089,266) 1998-06-15  
[30] SE (9804372-2) 1998-12-17  
[30] US (60/114,386) 1998-12-29

[21] **2,330,229**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C12N 5/10 6A61K 38/17 6G01N 33/50 6C07K 14/705**  
[25] EN  
[54] **NOVEL ANGIOTENSIN RECEPTOR, PRODUCTION AND USE THEREOF**  
[54] **NOUVEAU RECEPTEUR DE L'ANGIOTENSINE, SA PRODUCTION ET SON UTILISATION**  
[72] RIESS, GUNTHER, DE  
[72] SIBENHORN, GERTRUD, DE  
[72] KLEIM, JORG-PETER, DE  
[72] HEITSCH, HOLGER, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2000-12-06  
[86] 1999-05-12 (PCT/EP99/03249)  
[87] 1999-12-16 (WO99/64585)  
[30] DE (198 25 494.6) 1998-06-08

[21] **2,330,230**  
[13] A1

[51] **Int.Cl. 6C12Q 1/70 6C07K 1/00 6C12Q 1/68**  
[25] EN  
[54] **HERPES SIMPLEX VIRUS ORIGIN BINDING PROTEIN N-TERMINAL TRUNCATION (OBP-NT)**  
[54] **TRONCATION DE RESIDU DE N-TERMINAL DE PROTEINE DE LIAISON SE FIXANT SUR L'ORIGINE DU VIRUS DE L'HERPES SIMPLEX**  
[72] DABROWSKI-AMARAL, CHRISTINE E., US  
[72] GARCIA, JAVIER J., US  
[72] GORCZYCA, MICHELE M., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-12-05  
[86] 1999-06-10 (PCT/US99/13140)  
[87] 1999-12-16 (WO99/64633)  
[30] US (60/088,770) 1998-06-10

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[21] **2,330,231**  
[13] A1

[51] **Int.Cl. 7C07K 16/28 7C12N 5/08 7A61K 39/395**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR MODULATING DENDRITIC CELL-T CELL INTERACTION**  
[54] **COMPOSITION ET METHODE PERMETTANT DE MODULER L'INTERACTION ENTRE CELLULES DENDRITIQUES ET LYMPHOCYTES T**  
[72] TORENSMA, RUURD, NL  
[72] VAN KOOYK, YVETTE, NL  
[72] GEIJTENBEEK, TEUNIS BERNARD HERMAN, NL  
[72] FIGDOR, CARL GUSTAV, NL  
[71] KATHOLIEKE UNIVERSITEIT NIJMEGEN, NL  
[85] 2000-12-08  
[86] 2000-04-19 (PCT/NL00/00253)  
[87] 2000-10-26 (WO00/63251)  
[30] EP (99201204.7) 1999-04-19  
[30] US (60/176,924) 2000-01-20

[21] **2,330,233**  
[13] A1

[51] **Int.Cl. 6C12N 5/04 6A01H 5/00 6C12N 15/09 6A01H 5/10 6C12N 9/38 6C12N 15/56**  
[25] EN  
[54] **GENES CODING FOR TOMATO .BETA.-GALACTOSIDASE POLYPEPTIDES**  
[54] **GENES CODANT POUR LES POLYPEPTIDES DE .BETA.-GALACTOSIDASE DE LA TOMATE**  
[72] GROSS, KENNETH C., US  
[72] SMITH, DAVID L., US  
[71] U.S. DEPARTMENT OF AGRICULTURE, US  
[85] 2000-12-07  
[86] 1999-06-08 (PCT/US99/12697)  
[87] 1999-12-16 (WO99/64564)  
[30] US (60/088,805) 1998-06-09

[21] **2,330,234**  
[13] A1

[51] **Int.Cl. 6C12Q 1/70**  
[25] EN  
[54] **METHOD FOR DETECTION OF DRUG-SELECTED MUTATIONS IN THE HIV PROTEASE GENE**  
[54] **PROCEDE DE DETECTION DE MUTATIONS PHARMACOSENSIBLES DANS LE GENE DE LA PROTEASE DU VIH**  
[72] STUYVER, LIEVEN, BE  
[71] INNOGENETICS N.V., BE  
[85] 2000-12-06  
[86] 1999-06-22 (PCT/EP99/04317)  
[87] 1999-12-29 (WO99/67428)  
[30] EP (98870143.9) 1998-06-24

[21] **2,330,235**  
[13] A1

[51] **Int.Cl. 6C07K 19/00 6A61K 39/395**  
[25] EN  
[54] **ANTIGENIC COMPLEX COMPRISING IMMUNOSTIMULATORY PEPTIDE, CD4, AND CHEMOKINE RECEPTOR DOMAIN FOR HIV TREATMENT AND IMMUNE DISORDERS**  
[54] **COMPLEXE ANTIGENIQUE COMPRENANT UN PEPTIDE IMMUNOSTIMULATEUR, CD4 ET UN DOMAINE DE RECEPTEUR DE CHEMOKINE POUR TRAITER VIH ET DES MALADIES IMMUNITAIRES**  
[72] WANG, CHANG YI, US  
[71] UNITED BIOMEDICAL, INC., US  
[85] 2000-12-11  
[86] 1999-06-21 (PCT/US99/14030)  
[87] 1999-12-29 (WO99/67294)  
[30] US (09/100,409) 1998-06-20

[21] **2,330,237**  
[13] A1

[51] **Int.Cl. 6A01N 61/00 6C07H 21/02 6C07H 21/04 6A01N 37/18**  
[25] EN  
[54] **BROAD SPECIFICITY DNA DAMAGE ENDONUCLEASE**  
[54] **ENDONUCLEASE DE LESION DE L'ADN A LARGE SPECIFICITE**  
[72] DOETSCH, PAUL W., US  
[72] AVERY, ANGELA M., US  
[72] KAUR, BALVEEN, US  
[71] EMORY UNIVERSITY, US  
[85] 2000-12-07  
[86] 1999-06-08 (PCT/US99/12910)  
[87] 1999-12-16 (WO99/63828)  
[30] US (60/088,521) 1998-06-08  
[30] US (60/134,752) 1999-05-18

[21] **2,330,242**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12Q 1/37 6A61K 39/395 6C07K 16/40 6A61K 38/48 6C12N 15/57 6C12N 9/64 6A61K 31/70**  
[25] FR  
[54] **POLYPEPTIDES POSSEDANT UNE ACTIVITE DE TYPE BETA-SECRETASE**  
[54] **POLYPEPTIDES WITH BETA-SECRETASE TYPE ACTIVITY**  
[72] BERTRAND, PHILIPPE, FR  
[72] COHEN, PAUL, FR  
[72] RHOLAM, MOHAMED, FR  
[72] MOUTAOUAKIL, MOHAMED, FR  
[72] MUNOZ-GIMENEZ, NOELI, FR  
[71] AVENTIS PHARMA S.A., FR  
[71] UNIVERSITE PIERRE ET MARIE CURIE, FR  
[85] 2000-12-04  
[86] 1999-06-04 (PCT/FR99/01326)  
[87] 1999-12-16 (WO99/64587)  
[30] FR (98/07068) 1998-06-05  
[30] US (60/122,599) 1999-03-31

[21] **2,330,244**  
[13] A1

[51] **Int.Cl. 6C07K 14/415 6A01H 5/00 6C12N 5/10 6C12N 15/29 6C12N 15/82**  
[25] FR  
[54] **PROTEINE VEGETALE A MOTIFS WD40 REPETES, ACIDE NUCLEIQUE CODANT POUR LADITE PROTEINE, ET LEURS APPLICATIONS**  
[54] **PLANT PROTEIN WITH REPEATED WD40 MOTIFS, NUCLEIC ACID CODING FOR SAID PROTEIN, AND USES THEREOF**  
[72] KONDOROSI, EVA, FR  
[72] CEBOLLA, ANGEL, FR  
[72] KONDOROSI, ADAM, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR  
[85] 2000-12-05  
[86] 1999-06-08 (PCT/FR99/01342)  
[87] 1999-12-16 (WO99/64451)  
[30] FR (98/07174) 1998-06-08

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[21] **2,330,245**  
[13] A1

[51] Int.Cl. 6C12N 15/55 6D21C 5/00  
6D06M 16/00 6A23L 1/03 6C12N 9/42  
6C12Q 1/68 6C12N 15/85

[25] EN

[54] CELLULASE PRODUCING  
ACTINOMYCETES, CELLULASE  
PRODUCED THEREFROM AND  
METHOD OF PRODUCING SAME  
[54] ACTINOMYCETES PRODUISANT  
DE LA CELLULASE, CELLULASE  
AINSI PRODUITE ET PROCEDE DE  
PRODUCTION DE LADITE  
CELLULASE

[72] JONES, BRIAN E., NL

[72] WEYLER, WALTER, US

[72] VAN SOLINGEN, PIET, NL

[72] VAN DER KLEIJ, WILHELMUS A. H.,  
NL

[71] GENENCOR INTERNATIONAL,  
INC., US

[85] 2000-12-07

[86] 1999-05-28 (PCT/US99/11971)

[87] 2000-02-24 (WO00/09707)

[30] US (09/104,308) 1998-06-24

[30] US (PCT/US98/24649) 1998-11-18

[30] US (09/321,981) 1999-05-28

[21] **2,330,247**  
[13] A1

[51] Int.Cl. 6C07K 5/06 6A61K 38/05  
6C07D 409/06 6A61K 38/06 6C07K 7/06  
6A61K 38/08 6C07K 5/08 6C07D 407/12  
6C07D 409/12 6A61K 31/195 6C07C 237/  
22 6C07D 333/24 6C07D 209/26 6C07D  
209/32 6A61K 31/335 6A61K 31/38 6A61K  
31/405 6C07C 311/45 6C07D 307/94

[25] EN

[54] PEPTIDE INHIBITORS OF  
HEPATITIS C VIRUS NS3 PROTEASE

[54] INHIBITEURS PEPTIDES DE LA  
PROTEASE NS3 DU VIRUS DE  
L'HEPATITE C

[72] KOEHLER, KONRAD, SE

[72] ONTORIA, JESUS, IT

[72] POMA, MARCO, IT

[72] MARCHETTI, ANTONELLA, IT

[72] NARJES, FRANK, IT

[72] MATASSA, VICTOR, IT

[71] ISTITUTO DI RICERCA DI  
BIOLOGIA MOLECOLARE P.

ANGELETTI S.P.A., IT

[85] 2000-12-08

[86] 1999-06-09 (PCT/GB99/01824)

[87] 1999-12-16 (WO99/64442)

[30] GB (9812523.0) 1998-06-10

[21] **2,330,251**  
[13] A1

[51] Int.Cl. 6C12N 15/12 6C07H 21/04  
6C12N 15/09 6C12N 15/63 6C12Q 1/68  
6C07K 14/705

[25] EN

[54] CLONING AND IDENTIFICATION  
OF THE MOTILIN RECEPTOR

[54] CLONAGE ET IDENTIFICATION  
DU RECEPTEUR DE LA MOTILINE

[72] TAN, CARINA, US

[72] PATCHETT, ARTHUR A., US

[72] FEIGHNER, SCOTT D., US

[72] SMITH, ROY G., US

[72] PONG, SHENG-SHUNG, US

[72] MCKEE, KAREN, US

[72] MACNEIL, DOUGLAS, US

[72] HOWARD, ANDREW D., US

[71] MERCK & CO., INC., US

[85] 2000-12-11

[86] 1999-06-08 (PCT/US99/12773)

[87] 1999-12-16 (WO99/64436)

[30] US (60/089,098) 1998-06-12

[21] **2,330,252**  
[13] A1

[51] Int.Cl. 6C12Q 1/68

[25] EN

[54] METHOD OF GENERATING  
NUCLEIC ACID HYBRIDS FOR  
MUTATION ANALYSIS

[54] PROCEDE DE PRODUCTION  
D'HYBRIDES D'ACIDES NUCLEIQUES  
POUR L'ANALYSE DES MUTATIONS

[72] WALLACE, ANDREW, GB

[71] CENTRAL MANCHESTER

HEALTHCARE NHS TRUST, GB

[85] 2000-12-11

[86] 1999-06-14 (PCT/GB99/01691)

[87] 1999-12-16 (WO99/64624)

[30] GB (9812674.1) 1998-06-12

[21] **2,330,254**  
[13] A1

[51] Int.Cl. 6C12Q 1/00 6C07K 14/80

[25] EN

[54] NUTRITIONAL ASSESSMENT BY  
MEASURING MITOCHONDRIAL  
COMPLEX ACTIVITY

[54] EVALUATION NUTRITIONNELLE  
PAR MESURE DE L'ACTIVITE  
COMPLEXE MITOCHONDRIALE

[72] JEEJEEBHOY, KHURSHEED, CA

[71] JEEJEEBHOY, KHURSHEED, CA

[85] 2000-12-11

[86] 1999-06-14 (PCT/CA99/00551)

[87] 1999-12-23 (WO99/66064)

[30] CA (2,240,588) 1998-06-12

[21] **2,330,363**  
[13] A1

[51] Int.Cl. 6C12N 15/54 6A01H 5/00  
6C07K 16/00 6C12N 15/00 6C07H 21/04  
6C12P 21/06 6A01H 5/10 6C12N 5/10  
6C12N 1/20

[25] EN

[54] DIACYLGLYCEROL O-  
ACYLTRANSFERASE

[54] DIACYLGLYCEROL O-  
ACYLTRANSFERASE

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

[72] CASES, SYLVAIN, US

[72] SMITH, STEVEN, US

[72] ERICKSON, SANDRA K., US

[71] THE REGENTS OF THE

UNIVERSITY OF CALIFORNIA, US

[85] 2000-12-14

[86] 1999-06-23 (PCT/US99/14245)

[87] 1999-12-29 (WO99/67268)

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

[30] US (60/107,771) 1998-11-09

[21] **2,330,438**  
[13] A1

[51] Int.Cl. 6C12N 15/12 6C12N 5/08  
6C12N 5/10 6C07K 14/47 6C12Q 1/68  
6C12N 15/86

[25] EN

[54] NUCLEIC ACID ENCODING RATE  
AGOUTI RELATED PROTEIN

[54] ACIDE NUCLEIQUE CODANT  
POUR UNE PROTEINE EN RAPPORT  
AVEC LE RAT AGOUTI

[72] TRIVEDI, PRASHANT G., US

[72] YU, HONG, US

[72] GUAN, XIAOMING, US

[72] VAN DER PLOEG, LEONARDUS H.

T., US

[71] MERCK & CO., INC., US

[85] 2000-10-27

[86] 1999-04-26 (PCT/US99/08983)

[87] 1999-11-04 (WO99/55832)

[30] US (60/083,549) 1998-04-29

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[21] **2,330,478**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **SUPPORT FOR THE PARALLEL IDENTIFICATION AND ESTABLISHMENT OF TRANSCRIPTION PROFILES OF POLYNUCLEIC ACIDS**  
[54] **SUPPORT POUR L'IDENTIFICATION ET L'ETABLISSEMENT EN PARALLELE DE PROFILS DE TRANSCRIPTION D'ACIDES POLYNUCLEIQUES**  
[72] BOSIO, ANDREAS, DE  
[72] STOFFEL, WILHELM, DE  
[72] STOFFEL, MARKUS, US  
[71] MEMOREC MEDICAL MOLECULAR RESEARCH COLOGNE STOFFEL GMBH, DE  
[85] 2000-12-11  
[86] 1999-06-10 (PCT/EP99/04014)  
[87] 1999-12-16 (WO99/64623)  
[30] DE (198 25 899.2) 1998-06-10  
[30] EP (98110608.1) 1998-06-10

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[21] **2,330,525**  
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C12P 21/02 7C12N 5/10 7C12N 9/10 7C07K 16/40 7A61K 38/45 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **HUMAN TRANSFERASES**  
[54] **TRANSFERASES HUMAINES**  
[72] HILLMAN, JENNIFER L., US  
[72] BANDMAN, OLGA, US  
[72] LAL, PREETI, US  
[72] CORLEY, NEIL C., US  
[72] GORGONE, GINA A., US  
[72] PATTERSON, CHANDRA, US  
[72] GUEGLER, KARL J., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-12-13  
[86] 1999-06-29 (PCT/US99/14651)  
[87] 2000-01-06 (WO00/00594)  
[30] US (09/109,204) 1998-06-30

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[21] **2,330,526**  
[13] A1

[51] **Int.Cl. 6C07K 14/18 6C07K 16/10 6A61K 39/29 6G01N 33/576**  
[25] EN  
[54] **PARTICLES OF HCV ENVELOPE PROTEINS: USE FOR VACCINATION**  
[54] **PARTICULES DE PROTEINES D'ENVELOPPE DE VHC: UTILISATION POUR LA VACCINATION**  
[72] DEPLA, ERIK, BE  
[72] VAN WIJNENDAELE, FRANS, BE  
[72] MAERTENS, GEERT, BE  
[72] BOSMAN, ALFONS, BE  
[71] INNOGENETICS N.V., BE  
[85] 2000-12-14  
[86] 1999-06-23 (PCT/EP99/04342)  
[87] 1999-12-29 (WO99/67285)  
[30] EP (98870142.1) 1998-06-24  
[30] EP (99870033.0) 1999-02-22

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[21] **2,330,527**  
[13] A1

[51] **Int.Cl. 6C12N 15/62 6A01K 67/027 6A61K 38/18 6A61K 38/38 6C07K 14/505 6A61K 31/70 6C07K 14/765**  
[25] EN  
[54] **ERYTHROPOIETIN ANALOG-HUMAN SERUM ALBUMIN FUSION PROTEIN**  
[54] **FUSION ANALOGUE D'ERYTHROPOIETINE-ALBUMINE SERIQUE HUMAINE**  
[72] YOUNG, MICHAEL W., US  
[72] KRANE, IAN M., US  
[72] MEADE, HARRY M., US  
[71] GENZYME TRANSGENICS CORP., US  
[85] 2000-12-12  
[86] 1999-06-15 (PCT/US99/13438)  
[87] 1999-12-23 (WO99/66054)  
[30] US (60/089,343) 1998-06-15

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[21] **2,330,550**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 5/10 6C12N 9/12 6C12N 15/54**  
[25] EN  
[54] **PLANT PATHOGEN INDUCIBLE CONTROL SEQUENCES OPERABLY LINKED TO CELL CYCLE GENES AND THE USES THEREOF**  
[54] **SEQUENCES DE REGULATION INDUCTIBLES PAR DES PATHOGENES DE VEGETAUX, LIEES DE MANIERE OPERATIONNELLE A DES GENES DU CYCLE CELLULAIRE, ET UTILISATION DESDITES SEQUENCES**  
[72] MIRONOV, VLADIMIR, BE  
[72] INZE, DIRK GUSTAAF, BE  
[72] TERRAS, FRANKY RAYMOND GERARD, BE  
[72] VAN CAMP, WIM, BE  
[72] SANZ MOLINERO, ANA ISABEL, BE  
[72] GHEYSEN, GODLIEVE, BE  
[71] CROPDESIGN N.V., BE  
[85] 2000-12-14  
[86] 1999-06-15 (PCT/EP99/04139)  
[87] 1999-12-23 (WO99/66055)  
[30] EP (98202012.5) 1998-06-15

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[21] **2,330,562**  
[13] A1

[51] **Int.Cl. 6C10M 175/00 6A62D 3/00**  
[25] EN  
[54] **PROCESS FOR DE-CHLORINATING AND DE-FOULING OIL**  
[54] **PROCEDE DE CHLORATION ET DE DECRASSEMENT D'UNE HUILE**  
[72] MACDONALD, MARTIN, US  
[72] DASPIT, ALEXANDER D. B., US  
[72] MURRAY, THOMAS G., US  
[71] PROBEX CORPORATION, US  
[85] 2000-10-27  
[86] 1999-04-27 (PCT/US99/09059)  
[87] 1999-11-04 (WO99/55810)  
[30] US (09/067,031) 1998-04-28

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## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,330,567</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/08 6C07K 7/06</b> [25] EN [54] <b>LYSINE CONTAINING PEPTIDES FOR TREATMENT OF HEART DISEASE</b> [54] <b>PEPTIDES CONTENANT DE LA LYSINE POUR LE TRAITEMENT DES TROUBLES CARDIAQUES</b> [72] DEGHENGI, ROMANO, CH [71] DEGHENGI, ROMANO, CH [85] 2000-11-30 [86] 1999-05-28 (PCT/EP99/03731) [87] 1999-12-09 (WO99/62539) [30] US (09/089,955) 1998-06-03</p>	<p style="text-align: right;">[21] <b>2,330,827</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C07B 61/00 6C07H 21/00 6C12N 1/00 6C12N 9/00 6C12N 11/00 6C12Q 1/00 6C12N 15/10</b> [25] EN [54] <b>CONSTRUCTION AND USE OF CATALOGUED NUCLEIC ACID LIBRARIES THAT CONTAIN ADVANTAGEOUSLY ADJUSTED REPRESENTATIONS OF DEFINED COMPONENTS</b> [54] <b>CONSTRUCTION ET UTILISATION DE BIBLIOTHEQUES D'ACIDES NUCLEIQUES CATALOGUEES CONTENANT DES REPRESENTATIONS AVANTAGEUSEMENT AJUSTEES DE COMPOSANTS DEFINIS</b> [72] SHORT, JAY M., US [71] DIVERSA CORPORATION, US [85] 2000-11-29 [86] 1999-06-03 (PCT/US99/12496) [87] 1999-12-09 (WO99/62847) [30] US (09/089,789) 1998-06-03</p>	<p style="text-align: right;">[21] <b>2,330,833</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/395 6C07H 21/04 6C12P 21/04 6C12N 15/11 6G01N 33/53 6C12N 15/63 6C12Q 1/68 6C12N 15/85</b> [25] EN [54] <b>HUMAN MINOR VAULT PROTEIN P193</b> [54] <b>PROTEINE VOUTE MINEURE HUMAINE P193</b> [72] KICKHOEFER, VALERIE A., US [72] ROME, LEONARD H., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 2000-11-30 [86] 1998-06-03 (PCT/US98/11348) [87] 1999-12-09 (WO99/62547)</p>
<p style="text-align: right;">[21] <b>2,330,589</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 1/94 6C11D 3/34 6C11D 3/39</b> [25] EN [54] <b>LIQUID BLEACHING COMPOSITIONS</b> [54] <b>COMPOSITIONS DE BLANCHIMENT LIQUIDES</b> [72] GIUNTI, STEFANO, IT [72] ISHIDA, NOBUO, JP [72] DEL DUCA, VALERIO, IT [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-10-27 [86] 1999-05-21 (PCT/IB99/00913) [87] 1999-12-09 (WO99/63033) [30] EP (98870124.9) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,330,829</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68</b> [25] EN [54] <b>METHODS FOR TREATING A NEUROLOGICAL DISEASE BY DETERMINING BCHE GENOTYPE</b> [54] <b>PROCEDES RELATIFS AU TRAITEMENT D'UNE MALADIE NEUROLOGIQUE PAR DETERMINATION DU GENOTYPE DE BUTYRYLCHOLINESTERASE (BCHE)</b> [72] SCHAPPERT, KEITH, CA [72] WIEBUSCH, HEIKO, CA [72] SEVIGNY, PIERRE, CA [71] NOVA MOLECULAR, INC., CA [85] 2000-12-15 [86] 1999-06-16 (PCT/IB99/01298) [87] 1999-12-23 (WO99/66072) [30] US (60/089,406) 1998-06-16</p>	<p style="text-align: right;">[21] <b>2,330,834</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 5/22 6A61K 48/00 6A61F 2/02 6C12N 5/10 6A61K 35/34</b> [25] EN [54] <b>TRANSFECTED CELLS AND METHODS FOR TREATING DIABETES</b> [54] <b>COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DU DIABETE</b> [72] OSBORNE, WILLIAM R. A., US [72] RAMESH, NAGARAJAN, US [71] UNIVERSITY OF WASHINGTON, US [85] 2000-12-01 [86] 1999-06-01 (PCT/US99/11970) [87] 1999-12-09 (WO99/63101) [30] US (60/087,660) 1998-06-02 [30] US (09/185,852) 1998-11-04</p>
<p style="text-align: right;">[21] <b>2,330,824</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/145 6C07K 7/06</b> [25] EN [54] <b>HLA BINDING PEPTIDES AND THEIR USES</b> [54] <b>PEPTIDES LIANT HLA-A2 ET LEURS UTILISATIONS</b> [72] SETTE, ALESSANDRO, US [72] SIDNEY, JOHN, US [72] SOUTHWOOD, SCOTT, US [71] EPIMMUNE INC., US [85] 2000-11-30 [86] 1999-06-17 (PCT/US99/13789) [87] 1999-12-23 (WO99/65522) [30] US (09/098,584) 1998-06-17</p>	<p style="text-align: right;">[21] <b>2,330,829</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68</b> [25] EN [54] <b>METHODS FOR TREATING A NEUROLOGICAL DISEASE BY DETERMINING BCHE GENOTYPE</b> [54] <b>PROCEDES RELATIFS AU TRAITEMENT D'UNE MALADIE NEUROLOGIQUE PAR DETERMINATION DU GENOTYPE DE BUTYRYLCHOLINESTERASE (BCHE)</b> [72] SCHAPPERT, KEITH, CA [72] WIEBUSCH, HEIKO, CA [72] SEVIGNY, PIERRE, CA [71] NOVA MOLECULAR, INC., CA [85] 2000-12-15 [86] 1999-06-16 (PCT/IB99/01298) [87] 1999-12-23 (WO99/66072) [30] US (60/089,406) 1998-06-16</p>	<p style="text-align: right;">[21] <b>2,330,837</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/40 6A01K 67/027 6C12N 5/16 6C12N 15/51 6C12Q 1/70</b> [25] EN [54] <b>A VECTOR EXPRESSING AN RNA VIRAL FULL LENGHT GENE AND ITS USE</b> [54] <b>VECTEUR EXPRIMANT LE GENE PLEINE LONGUEUR DE VIRUS A ARN ET SON UTILISATION</b> [72] TAIRA, KAZUNARI, JP [72] KOHARA, MICHINORI, JP [72] KOHARA, KYOKO, JP [72] OHMORI, HIROSHI, JP [72] MATSUZAKI, JUNICHI, JP [71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP [85] 2000-12-19 [86] 1999-06-24 (PCT/JP99/03380) [87] 1999-12-29 (WO99/67394) [30] JP (10/177820) 1998-06-24</p>

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[21] **2,330,921**  
[13] A1

[51] **Int.Cl. 6C12N 15/10 6C12N 1/19 6C07K 14/47 6C07K 14/52 6C12Q 1/68 6C12N 15/81**

[25] EN  
[54] **SCREENING SYSTEM**  
[54] **SYSTEME DE CRIBLAGE**  
[72] BARBERIS, ALCIDE, CH  
[72] ESCHER, DOMINIK, CH  
[71] UNIVERSITAT ZURICH, CH  
[85] 2000-12-11  
[86] 1999-06-22 (PCT/IB99/01168)  
[87] 1999-12-29 (WO99/67375)  
[30] EP (98111428.3) 1998-06-22

[21] **2,330,923**  
[13] A1

[51] **Int.Cl. 6C12N 15/63**

[25] EN  
[54] **VECTOR CONSTRUCTION BY HOST CELL-MEDIATED RECOMBINATION**  
[54] **CONSTRUCTION DE VECTEUR PAR RECOMBINAISON INDUITE PAR DES CELLULES HOTES**  
[72] TUGENDREICH, STUART M., US  
[72] PERKINS, EDWARDS L., US  
[71] ICONIX PHARMACEUTICALS INC., US  
[85] 2000-12-15  
[86] 1999-06-17 (PCT/US99/13785)  
[87] 1999-12-23 (WO99/66035)  
[30] US (60/089,676) 1998-06-17

[21] **2,330,925**  
[13] A1

[51] **Int.Cl. 6A61K 38/30 6A61K 38/17 6A61K 47/26**

[25] EN  
[54] **PHARMACEUTICAL FORMULATIONS FOR IGF/IGFBP**  
[54] **FORMULATIONS PHARMACEUTIQUES POUR IGF/IGFBP**  
[72] OGAWA, YASUSHI, US  
[72] DANKO, STEPHEN, US  
[72] PASSMORE, DAVID, US  
[71] CELTRIX PHARMACEUTICALS, INC., US  
[85] 2000-11-30  
[86] 1999-05-28 (PCT/US99/12173)  
[87] 1999-12-09 (WO99/62536)  
[30] US (09/089,062) 1998-06-01

[21] **2,330,933**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6A01H 3/00 6A01H 4/00 6A01H 5/00 6C12N 15/29 6C12N 15/82**

[25] EN  
[54] **METHODS AND MEANS FOR EXPRESSION OF MAMMALIAN POLYPEPTIDES IN MONOCOTYLEDONOUS PLANTS**  
[54] **PROCEDES ET MOYENS D'EXPRESSION DE POLYPEPTIDES DE MAMMIFERES DANS DES PLANTES MONOCOTYLEDONES**  
[72] SCHILLBERG, STEFAN, DE  
[72] MA, JULIAN K.-C., GB  
[72] CHRISTOU, PAUL, GB  
[72] STROGER, EVA, GB  
[72] MARTIN-VAQUERO, CARMEN, DE  
[72] FISCHER, RAINER, DE  
[71] SCHILLBERG, STEFAN, DE  
[71] JOHN INNES CENTRE, GB  
[71] MARTIN-VAQUERO, CARMEN, DE  
[71] FISCHER, RAINER, DE  
[71] KING'S COLLEGE LONDON, GB  
[85] 2000-12-13  
[86] 1999-06-15 (PCT/US99/13584)  
[87] 1999-12-23 (WO99/66026)  
[30] US (60/089,322) 1998-06-15

[21] **2,330,935**  
[13] A1

[51] **Int.Cl. 6C12N 15/51 6C12N 7/01 6C07K 14/02 6C07K 16/08 6A61K 39/29 6C12Q 1/68**

[25] EN  
[54] **A MUTANT HUMAN HEPATITIS B VIRAL STRAIN AND USES THEREOF**  
[54] **SOUCHE VIRALE D'HEPATITE B HUMAINE MUTANTE ET SES APPLICATIONS**  
[72] LIM, GEK KEOW, SG  
[72] ZHAO, YI, SG  
[72] OON, CHONG JIN, SG  
[72] CHEN, WEI NING, SG  
[71] GOVERNMENT OF THE REPUBLIC OF SINGAPORE, SG  
[85] 2000-12-19  
[86] 1998-06-19 (PCT/SG98/00046)  
[87] 1999-12-23 (WO99/66048)

[21] **2,331,149**  
[13] A1

[51] **Int.Cl. 6C12N 9/32 6C12N 15/29 6C12N 15/55 6C12N 15/67**

[25] EN  
[54] **PHENOTYPE MODIFYING GENETIC SEQUENCES**  
[54] **SEQUENCES GENETIQUES MODIFIANT LE PHENOTYPE**  
[72] CARROLL, BERNARD JOHN, AU  
[71] THE UNIVERSITY OF QUEENSLAND, AU  
[85] 2000-12-01  
[86] 1999-06-04 (PCT/AU99/00434)  
[87] 1999-12-09 (WO99/63068)  
[30] AU (PP 3901) 1998-06-04  
[30] AU (PP 3903) 1998-06-04  
[30] AU (PP 6169) 1998-09-25  
[30] AU (PP 6174) 1998-09-25

[21] **2,331,150**  
[13] A1

[51] **Int.Cl. 6C12N 15/55 6C12P 21/02 6C12N 1/21 6C12N 15/71 6C12N 9/78 6C12N 9/80**

[25] FR  
[54] **PROCEDE INDUSTRIEL DE PRODUCTION DE PROTEINES HETEROLOGUES CHEZ E. COLI ET SOUCHES UTILES POUR LE PROCEDE**  
[54] **INDUSTRIAL METHOD FOR PRODUCING HETEROLOGOUS PROTEINS IN E.COLI AND STRAINS USEFUL FOR SAID METHOD**  
[72] PIERRARD, JEROME, FR  
[72] GUITTON, CAROLE, FR  
[72] FAVRE-BULLE, OLIVIER, FR  
[71] AVENTIS ANIMAL NUTRITION S.A., FR  
[85] 2000-12-08  
[86] 1999-06-08 (PCT/FR99/01343)  
[87] 1999-12-16 (WO99/64607)  
[30] FR (98/07474) 1998-06-10

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[21] **2,331,151**  
[13] A1

[51] **Int.Cl. 6C07K 16/18 6C12N 15/06 6C12N 5/20 6A61K 39/395 6G01N 33/577 6G01N 33/68**  
[25] FR  
[54] **ANTICORPS MONOCLONAUX DIRIGES CONTRE LA PROTEINE G3BP, ET LEURS UTILISATIONS**  
[54] **MONOCLONAL ANTIBODIES DIRECTED AGAINST THE G3BP PROTEIN, AND USES**  
[72] KENIGSBERG, MIREILLE, FR  
[72] DUCHESNE, MARC, FR  
[72] PARKER, FABIENNE, FR  
[72] BARLAT, ISABELLE, FR  
[71] AVENTIS PHARMA S.A., FR  
[85] 2000-12-11  
[86] 1999-06-17 (PCT/FR99/01453)  
[87] 1999-12-23 (WO99/65947)  
[30] FR (98/07617) 1998-06-17

[21] **2,331,152**  
[13] A1

[51] **Int.Cl. 6C12N 9/12 6C12N 5/10 6A61K 38/45 6C12Q 1/48 6C12N 15/54**  
[25] EN  
[54] **CELL CYCLE REGULATORY FACTOR**  
[54] **FACTEUR DE REGULATION DU CYCLE CELLULAIRE**  
[72] NAKANISHI, MAKOTO, JP  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
[85] 2000-12-12  
[86] 1999-06-23 (PCT/JP99/03350)  
[87] 1999-12-29 (WO99/67369)  
[30] JP (10/192467) 1998-06-23

[21] **2,331,153**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 9/10**  
[25] FR  
[54] **PROCEDE D'OBTENTION DE POLYSACCHARIDES MODIFIES**  
[54] **METHOD FOR OBTAINING MODIFIED POLYSACCHARIDES**  
[72] BALL, STEVEN, FR  
[71] BIOGEMMA, FR  
[85] 2000-12-14  
[86] 1999-06-16 (PCT/FR99/01446)  
[87] 1999-12-23 (WO99/66056)  
[30] FR (98/07589) 1998-06-16

[21] **2,331,154**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 7/00 6C12N 5/00 6C12N 1/21 6C07K 14/435 6C12N 15/63**  
[25] EN  
[54] **94 HUMAN SECRETED PROTEINS**  
[54] **94 PROTEINES HUMAINES SECRETEES**  
[72] SHI, YANGGU, US  
[72] MOORE, PAUL A., US  
[72] YOUNG, PAUL E., US  
[72] FLORENCE, KIMBERLY A., US  
[72] LAFLEUR, DAVID W., US  
[72] EBNER, REINHARD, US  
[72] SOPPET, DANIEL R., US  
[72] OLSEN, HENRIK S., US  
[72] ENDRESS, GREGORY A., US  
[72] BREWER, LAURIE A., US  
[72] RUBEN, STEVEN M., US  
[72] ROSEN, CRAIG A., US  
[72] NI, JIAN, US  
[72] WEI, YING-FEI, US  
[72] KOMATSOULIS, GEORGE, US  
[72] CARTER, KENNETH C., US  
[72] MUCENSKI, MICHAEL, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2000-12-15  
[86] 1999-06-15 (PCT/US99/13418)  
[87] 1999-12-23 (WO99/66041)  
[30] US (60/089,509) 1998-06-16  
[30] US (60/089,510) 1998-06-16  
[30] US (60/089,508) 1998-06-16  
[30] US (60/089,507) 1998-06-16  
[30] US (60/090,112) 1998-06-22  
[30] US (60/090,113) 1998-06-22

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[51] **Int.Cl. 6C12N 15/31 6A61K 39/02 6C07K 16/12 6C07K 14/21 6A61K 39/40 6G01N 33/50 6C12N 15/62**  
[25] EN  
[54] **BASB027 PROTEINS AND GENES FROM MORAXELLA CATARRHALIS, ANTIGENS, ANTIBODIES, AND USES**  
[54] **PROTEINES ET GENES BASB027 DE MORAXELLA CATARRHALIS, ANTIGENES, ANTICORPS, ET LEURS UTILISATIONS**  
[72] VINALS Y DE BASSOLS, CARLOTA, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-12-01  
[86] 1999-05-31 (PCT/EP99/03822)  
[87] 1999-12-09 (WO99/63093)  
[30] GB (9811945.6) 1998-06-03  
[30] GB (9905304.3) 1999-03-08

[21] **2,331,197**  
[13] A1

[51] **Int.Cl. 6C12N 15/49 6C07K 14/16 6A61K 39/21 6C12N 15/63**  
[25] EN  
[54] **HIV VIRUS MIMOTOPES**  
[54] **MIMOTOPES DU VIRUS HIV**  
[72] BARBAN, VERONIQUE, FR  
[71] AVENTIS PASTEUR, FR  
[85] 2000-12-08  
[86] 1999-06-14 (PCT/FR99/01409)  
[87] 1999-12-23 (WO99/66046)  
[30] FR (98/07598) 1998-06-12

[21] **2,331,200**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 16/28 6G01N 33/50 6C07K 14/705**  
[25] FR  
[54] **RECEPTEURS OLFACTIFS ET LEURS UTILISATIONS**  
[54] **OLFACTORY RECEPTORS AND THEIR USES**  
[72] TIRARD, ALAIN, FR  
[72] CLEMENT, JEAN-LUC, FR  
[72] BELAICH, ANNE, FR  
[72] MATARAZZO, VALERY, FR  
[72] RENUCCI, MARIELLE, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR  
[85] 2000-12-19  
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[87] 1999-12-29 (WO99/67282)  
[30] FR (98/08094) 1998-06-25

[21] **2,331,250**  
[13] A1

[51] **Int.Cl. 6D04H 11/04**  
[25] EN  
[54] **A DEVICE FOR PERPENDICULAR STRATIFICATION OF PLANARY FIBROUS SHAPES**  
[54] **DISPOSITIF SERVANT A EFFECTUER LA STRATIFICATION PERPENDICULAIRE DE FORMES FIBREUSES PLANES**  
[72] KOTEK, VACLAV, CZ  
[72] KRCMA, RADKO, CZ  
[72] SANETRNIK, FILIP, CZ  
[72] HANUS, JAROSLAV, CZ  
[72] JIRSAK, OLDRICH, CZ  
[71] I.N.T., KRCMA RADKO, CZ  
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[86] 1998-05-25 (PCT/CZ98/00025)  
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[51] **Int.Cl. 6H01B 5/14 6H01R 43/00 6H01B 5/08 6H01B 7/18 6H01B 13/20**  
[25] EN  
[54] **FLEXIBLE ARMORED COMMUNICATION CABLE AND METHOD OF MANUFACTURE**  
[54] **CABLE DE COMMUNICATION BLINDE FLEXIBLE ET PROCEDE DE PRODUCTION**  
[72] PENNINGTON, BARRY, US  
[72] ASKINS, DOUG, US  
[71] GAMUT TECHNOLOGY, INC., US  
[85] 2000-11-03  
[86] 1999-04-29 (PCT/US99/09370)  
[87] 1999-11-11 (WO99/57734)  
[30] US (60/084,169) 1998-05-04

[21] **2,331,257**  
[13] A1

[51] **Int.Cl. 6A61K 31/65**  
[25] EN  
[54] **USE OF TETRACYCLINES FOR TREATING MEIBOMIAN GLAND DISEASE**  
[54] **UTILISATION DE TETRACYCLINES POUR LE TRAITEMENT DE LA MALADIE DE LA GLANDE DE MEIBOMIUS**  
[72] SELZER, MARIE, US  
[72] LOKESHWAR, BALAKRISHNA L., US  
[72] PFLUGFELDER, STEPHEN C., US  
[71] UNIVERSITY OF MIAMI, US  
[85] 2000-11-03  
[86] 1999-05-07 (PCT/US99/09965)  
[87] 1999-11-18 (WO99/58131)  
[30] US (60/084,873) 1998-05-08

[21] **2,331,259**  
[13] A1

[51] **Int.Cl. 6A61F 2/16**  
[25] EN  
[54] **INTRAOCULAR LENS HAVING A DESIGN FOR CONTROLLING ITS AXIAL DISPLACEMENT AFTER IMPLANTATION**  
[54] **LENTILLE INTRAOCULAIRE DONT LA FORME PERMET DE CONTROLER SON DEPLACEMENT AXIAL APRES L'IMPLANTATION**  
[72] JANSEN, PETER, NL  
[71] PHARMACIA & UPJOHN GRONINGEN B.V., NL  
[85] 2000-11-03  
[86] 1999-05-03 (PCT/EP99/03037)  
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[21] **2,331,261**  
[13] A1

[51] **Int.Cl. 6C07H 15/26 6A61K 31/70**  
[25] EN  
[54] **2''-DEOXY HYGROMYCIN DERIVATIVES**  
[54] **DERIVES 2''-DESOXY-HYGROMYCINE**  
[72] LINDE, ROBERT GERALD II, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2000-11-03  
[86] 1999-04-08 (PCT/IB99/00611)  
[87] 1999-11-11 (WO99/57127)  
[30] US (60/084,058) 1998-05-04

[21] **2,331,264**  
[13] A1

[51] **Int.Cl. 7A61K 9/00**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR DRUG DELIVERY**  
[54] **COMPOSITIONS ET PROCEDES POUR L'ADMINISTRATION DE MEDICAMENT**  
[72] KANIOS, DAVID, US  
[72] MANTELLE, JUAN, US  
[72] HOUZE, DAVID, US  
[71] NOVEN PHARMACEUTICALS, INC., US  
[85] 2000-11-03  
[86] 2000-01-12 (PCT/US00/00720)  
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[21] **2,331,265**  
[13] A1

[51] **Int.Cl. 6H04Q 7/22 6H04Q 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ROUTING SHORT MESSAGES**  
[54] **PROCEDE ET DISPOSITIF D'ACHEMINEMENT DE MESSAGES COURTS**  
[72] YALCINKAYA, ATAKAN, US  
[72] IRTEN, KEREM, US  
[72] BRUKMAN, DAVID, US  
[71] ADC TELECOMMUNICATIONS, INC., US  
[85] 2000-11-03  
[86] 1999-05-03 (PCT/US99/09636)  
[87] 1999-11-11 (WO99/57926)  
[30] US (09/072,527) 1998-05-04

[21] **2,331,267**  
[13] A1

[51] **Int.Cl. 6A61C 13/08**  
[25] EN  
[54] **AUTOMATED TOOTH SHADE ANALYSIS AND MATCHING SYSTEM**  
[54] **SYSTEME AUTOMATISE D'ANALYSE ET DE NUANCAGE DE TEINTES DE DENTS**  
[72] MORRIS, ALAN C., US  
[72] MABRITO, CRAIG A., US  
[72] ROBERTS, MATTHEW R., US  
[71] DENTECH, LLC, US  
[85] 2000-11-03  
[86] 1999-05-05 (PCT/US99/09857)  
[87] 1999-11-11 (WO99/56658)  
[30] US (60/084,354) 1998-05-05  
[30] US (09/234,585) 1999-01-21

[21] **2,331,268**  
[13] A1

[51] **Int.Cl. 6B01D 53/56**  
[25] EN  
[54] **PROCESS FOR TREATING FLUE GAS**  
[54] **PROCEDE SERVANT A TRAITER DES GAZ DE COMBUSTION**  
[72] LAGANA, VINCENZO, IT  
[71] SIIRTEC-NIGI S.P.A., IT  
[85] 2000-11-03  
[86] 1999-05-14 (PCT/IT99/00135)  
[87] 1999-12-02 (WO99/61136)  
[30] IT (MI98A001155) 1998-05-25

[21] **2,331,270**  
[13] A1

[51] **Int.Cl. 7G02B 26/02 7G02F 1/167 7G02F 1/19 7G09F 9/37**  
[25] EN  
[54] **IMAGE DISPLAYS BASED ON FRUSTRATED TOTAL INTERNAL REFLECTION**  
[54] **AFFICHAGE D'IMAGES BASE SUR UNE REFLEXION INTERNE TOTALE CONTRECARREE**  
[72] GRANDMAISON, DMITRI NIKOLAEVICH, CA  
[72] WHITEHEAD, LORNE A., CA  
[72] COOPE, ROBIN JOHN NOEL, CA  
[72] MOSSMAN, MICHELE ANN, CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 2000-11-03  
[86] 1999-08-06 (PCT/CA99/00730)  
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[30] US (09/133,214) 1998-08-13

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<p style="text-align: right;">[21] <b>2,331,274</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 19/00 6A61K 38/16</b> [25] EN [54] <b>HYBRID PROTEIN FOR INHIBITING THE DEGRANULATION OF MASTOCYTES AND THE USE THEREOF</b> [54] <b>PROTEINE HYBRIDE POUR L'INHIBITION DE LA DEGRANULATION DES MASTOCYTES ET SON UTILISATION</b> [72] FREVERT, JURGEN, DE [72] BIGALKE, HANS, DE [71] BIOTECON GESELLSCHAFT FUR BIOTECHNOLOGISCHE ENTWICKLUNG UND CONSULTING M, DE [85] 2000-11-02 [86] 1999-05-12 (PCT/EP99/03272) [87] 1999-11-18 (WO99/58571) [30] DE (198 21 285.2) 1998-05-13</p>	<p style="text-align: right;">[21] <b>2,331,279</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 11/06</b> [25] EN [54] <b>A METHOD AND AN ARRANGEMENT FOR SECURING AN ADSL CONNECTION</b> [54] <b>PROCEDE ET SYSTEME DE FIXATION D'UNE CONNEXION ADSL</b> [72] BARKARO, STEFAN, SE [72] JOHANSSON, ALBIN, AT [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-02 [86] 1999-04-28 (PCT/SE99/00693) [87] 1999-11-18 (WO99/59322) [30] SE (9801646-2) 1998-05-12</p>	<p style="text-align: right;">[21] <b>2,331,284</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 47/10 6A61K 31/557</b> [25] EN [54] <b>SOLUTION COMPRISING PROSTAGLANDINS AND BENZYL ALCOHOL</b> [54] <b>SOLUTION COMPRENANT DES PROSTAGLANDINES ET DE L'ALCOOL BENZYLIQUE</b> [72] RE, ROBERT G., US [71] PHARMACIA &amp; UPJOHN COMPANY, US [85] 2000-11-02 [86] 1999-06-08 (PCT/US99/11808) [87] 1999-12-23 (WO99/65527) [30] US (09/094,985) 1998-06-17</p>
<p style="text-align: right;">[21] <b>2,331,276</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 9/12</b> [25] EN [54] <b>PURIFIED PORCINE KIDNEY L-FUCOSE KINASE</b> [54] <b>L-FUCOSE KINASE DE REIN DE PORC PURIFIEE</b> [72] ELBEIN, ALAN D., US [71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US [85] 2000-11-02 [86] 1999-05-06 (PCT/US99/10113) [87] 1999-11-18 (WO99/58707) [30] US (09/149,303) 1998-05-08</p>	<p style="text-align: right;">[21] <b>2,331,280</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/05</b> [25] EN [54] <b>MEDICAL ELECTRICAL LEAD</b> [54] <b>SONDE ELECTRIQUE MEDICALE</b> [72] SANDSTROM, RICHARD D., US [72] HESS, DOUGLAS N., US [72] RUTA, RODICA V., US [72] RUFF, MICHAEL A., US [71] MEDTRONIC, INC., US [85] 2000-11-02 [86] 1999-03-15 (PCT/US99/05702) [87] 1999-11-18 (WO99/58189) [30] US (09/078,977) 1998-05-14</p>	

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[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 17/30**  
[25] EN  
[54] **MARKET RESEARCH DATABASE CONTAINING SEPARATE PRODUCT AND NAKED PRODUCT INFORMATION**  
[54] **BASE DE DONNEES D'ETUDE DE MARCHE CONTENANT DES PRODUITS DISTINCTS ET DES INFORMATIONS TECHNIQUES IMMEDIATES**  
[72] BERZKALNS, ILGA ANITA, US  
[72] BYRON, DANIELLE ANNE, US  
[72] RABOLT, KENNETH FRANCIS, US  
[72] HEALY, KERI ANDERSON, US  
[72] MARTIN, JAMES CHARLES, US  
[72] JOHNSON, BARBARA ELIZABETH, US  
[71] A.C. NIELSEN COMPANY, US  
[85] 2000-11-02  
[86] 1998-12-18 (PCT/US98/27036)  
[87] 1999-07-01 (WO99/33014)  
[30] US (08/994,924) 1997-12-19

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[21] **2,331,286**  
[13] A1

[51] **Int.Cl. 7B60H 1/03 7B60H 1/08**  
[25] EN  
[54] **HEAT GENERATOR FOR VEHICLE**  
[54] **GENERATEUR DE CHALEUR POUR VEHICULES**  
[72] NIWA, MASAMI, JP  
[72] MORI, HIDEFUMI, JP  
[72] HOSHINO, TATSUYUKI, JP  
[72] SUZUKI, SHIGERU, JP  
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[85] 2000-11-02  
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[87] 2000-09-14 (WO00/53444)  
[30] JP (11/58830) 1999-03-05

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[13] A1

[51] **Int.Cl. 6A61K 31/445 6A61K 9/14 6A61K 9/20**  
[25] EN  
[54] **AQUEOUS PROCESS FOR MANUFACTURING PAROXETINE SOLID DISPERSIONS**  
[54] **PROCEDE DE PRODUCTION EN PHASE AQUEUSE DE DISPERSIONS SOLIDES DE PAROXETINE**  
[72] KAO, HUAI-HUNG D., US  
[72] CHANG, SOU-CHAN, US  
[72] HEIN, WILLIAM A., II, US  
[71] ENDO PHARMACEUTICALS INC., US  
[85] 2000-11-02  
[86] 1999-05-05 (PCT/US99/09835)  
[87] 1999-11-11 (WO99/56751)  
[30] US (09/074,355) 1998-05-07

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[21] **2,331,315**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6A61K 48/00**  
[25] EN  
[54] **IDENTIFICATION OF MOLECULAR INTERACTION SITES IN RNA FOR NOVEL DRUG DISCOVERY**  
[54] **IDENTIFICATION DE SITES D'INTERACTION MOLECULAIRE DANS L'ARN POUR LA RECHERCHE DE NOUVEAUX MEDICAMENTS**  
[72] SAMPATH, RANGA, US  
[72] ECKER, DAVID J., US  
[72] GRIFFEY, RICHARD, US  
[72] MCNEIL, JOHN, US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 2000-11-07  
[86] 1999-05-12 (PCT/US99/10343)  
[87] 1999-11-18 (WO99/58719)  
[30] US (60/085,092) 1998-05-12  
[30] US (09/076,440) 1998-05-12

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[21] **2,331,322**  
[13] A1

[51] **Int.Cl. 6C22B 34/34 6C22B 7/00 6C22B 3/12 6C22B 34/32**  
[25] EN  
[54] **PROCESS TO RECOVER MOLYBDENUM AND VANADIUM METALS FROM SPENT CATALYST BY ALKALINE LEACHING**  
[54] **PROCEDE PERMETTANT DE RECUPERER PAR LIXIVATION ALCALINE DU MOLYBDENE METAL ET DU VANADIUM METAL A PARTIR D'UN CATALYSEUR USE**  
[72] VEAL, JACK THOMAS, US  
[72] ANDERSEN, KEVIN ARNOLD, US  
[72] KOWALESKI, RUTH MARY, US  
[71] SHELL OIL COMPANY, US  
[85] 2000-11-07  
[86] 1999-05-06 (PCT/US99/09894)  
[87] 1999-11-18 (WO99/58732)  
[30] US (60/084,708) 1998-05-08

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[21] **2,331,323**  
[13] A1

[51] **Int.Cl. 6A61M 1/36 6A61M 25/00 6A61M 25/10**  
[25] EN  
[54] **CIRCULATORY SUPPORT SYSTEM AND METHOD OF USE FOR ISOLATED SEGMENTAL PERFUSION**  
[54] **APPAREIL D'ASSISTANCE CIRCULATOIRE ET SON PROCEDE D'UTILISATION POUR L'IRRIGATION SEGMENTAIRE ISOLEE**  
[72] LEARY, JAMES J., US  
[72] BAKER, STEVE G., US  
[72] MACOVIK, JOHN A., US  
[72] SAMSON, WILFRED J., US  
[71] CARDEON CORPORATION, US  
[85] 2000-11-07  
[86] 1999-05-07 (PCT/US99/09979)  
[87] 1999-11-18 (WO99/58174)  
[30] US (60/084,835) 1998-05-08

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<p style="text-align: right;">[21] <b>2,331,324</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63H 27/10</b> [25] EN [54] <b>FILM FOR VAPOR DEPOSITION BALLOON</b> [54] <b>FEUILLE DE BALLON DE DEPOT DE VAPEUR</b> [72] OKA, TAKAHIRO, JP [72] BIWAKI, HIDEKAZU, JP [72] NIWA, OSAMU, JP [71] GUNZE LIMITED, JP [85] 2000-11-07 [86] 1999-04-27 (PCT/JP99/02333) [87] 1999-11-18 (WO99/58216) [30] JP (10/128348) 1998-05-12</p>	<p style="text-align: right;">[21] <b>2,331,328</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C07K 16/28 6C12P 19/34 6G01N 33/58 6C07K 14/72</b> [25] EN [54] <b>NPY-Y7 RECEPTOR GENE</b> [54] <b>GENE DU RECEPTEUR NPY-Y7</b> [72] HERZOG, HERBERT, AU [71] GARVAN INSTITUTE OF MEDICAL RESEARCH, AU [85] 2000-12-22 [86] 1999-06-29 (PCT/AU99/00523) [87] 2000-01-06 (WO00/00606) [30] AU (PP 4385) 1998-06-29</p>	<p style="text-align: right;">[21] <b>2,331,334</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 5/10 6C07K 14/705</b> [25] EN [54] <b>HUMAN PROTEINS HAVING HYDROPHOBIC DOMAINS AND DNAS ENCODING THESE PROTEINS</b> [54] <b>PROTEINES HUMAINES POSSEDANT DES DOMAINES HYDROPHOBES ET ADN CODANT CES PROTEINES</b> [72] KATO, SEISHI, JP [72] KIMURA, TOMOKO, JP [71] SAGAMI CHEMICAL RESEARCH CENTER, JP [71] PROTEGENE INC., JP [85] 2000-12-21 [86] 1999-06-18 (PCT/JP99/03242) [87] 2000-01-06 (WO00/00506) [30] JP (10/180008) 1998-06-26</p>
<p style="text-align: right;">[21] <b>2,331,325</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16K 31/02</b> [25] EN [54] <b>VALVE GASKET FORMED OF COMPOSITE MATERIALS AND PROCESS</b> [54] <b>JOINT D'ETANCHEITE DE CLAPET FAIT DE MATERIAUX COMPOSITES ET PROCEDE AFFERENT</b> [72] ZIMMERLY, ROBERT D., US [71] TRI-CLOVER, INC., US [85] 2000-11-07 [86] 1999-04-01 (PCT/US99/07213) [87] 1999-11-18 (WO99/58886) [30] US (09/078,022) 1998-05-13</p>	<p style="text-align: right;">[21] <b>2,331,331</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12P 19/34</b> [25] EN [54] <b>METHOD TO DETERMINE PREDISPOSITION TO HYPERTENSION</b> [54] <b>PROCEDE POUR DETERMINER UNE PREDISPOSITION A L'HYPERTENSION</b> [72] JEUNEMAITRE, XAVIER, FR [72] LALOUEL, JEAN-MARC, US [71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US [85] 2000-12-21 [86] 1999-04-15 (PCT/US99/08280) [87] 2000-01-06 (WO00/00647) [30] US (09/106,216) 1998-06-29</p>	<p style="text-align: right;">[21] <b>2,331,335</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/10 7C07B 61/00 7G06F 19/00 7B01J 19/00 7C12N 7/04 7C12N 5/10 7C12N 15/11 7C12N 15/12 7A61K 39/21 7C12N 15/49 7C12N 15/55</b> [25] EN [54] <b>SHUFFLING OF CODON ALTERED GENES</b> [54] <b>REARRANGEMENT DE GENES MODIFIES PAR CODON</b> [72] STEMMER, WILLEM P. C., US [72] LIU, LU, US [72] PATTEN, PHILLIP A., US [71] MAXYGEN, INC., US [85] 2000-12-21 [86] 1999-09-28 (PCT/US99/22588) [87] 2000-04-06 (WO00/18906) [30] US (60/102,362) 1998-09-29 [30] US (60/117,729) 1999-01-29 [30] US (60/118,813) 1999-02-05 [30] US (60/141,049) 1999-06-24</p>
<p style="text-align: right;">[21] <b>2,331,326</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/57 6C12N 5/10 6C12N 1/21 6C12N 9/64</b> [25] EN [54] <b>HUMAN GLYCOPROTEASE-LIKE PROTEINS AND DNAS ENCODING THESE PROTEINS</b> [54] <b>PROTEINES HUMAINES DE TYPE GLYCOPROTEASE ET ADN CODANT CES PROTEINES</b> [72] KIMURA, TOMOKO, JP [72] KATO, SEISHI, JP [71] PROTEGENE INC., JP [71] SAGAMI CHEMICAL RESEARCH CENTER, JP [85] 2000-12-20 [86] 1999-06-24 (PCT/JP99/03358) [87] 1999-12-29 (WO99/67399) [30] JP (10/178247) 1998-06-25</p>	<p style="text-align: right;">[21] <b>2,331,332</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/62 6C07H 21/00 6C12N 15/00 6C12P 21/00 6A61K 38/01 6C12N 5/10 6C12N 15/12 6A61K 38/17 6C07K 14/47 6C12N 15/66</b> [25] EN [54] <b>ANTI-ANGIOGENIC PROTEINS AND METHODS OF USE THEREOF</b> [54] <b>PROTEINES ANTI-ANGIOGENIQUES ET METHODES D'UTILISATION DE CES PROTEINES</b> [72] KALLURI, RAGHURAM, US [71] BETH ISRAEL DEACONESS MEDICAL CENTER, US [85] 2000-12-12 [86] 1999-06-17 (PCT/US99/13737) [87] 1999-12-23 (WO99/65940) [30] US (60/089,689) 1998-06-17 [30] US (60/126,175) 1999-03-25</p>	

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<p style="text-align: right;">[21] <b>2,331,336</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 1/20</b> [25] EN [54] <b>METHOD OF PREVENTING BACTERIOPHAGE INFECTION OF BACTERIAL CULTURES</b> [54] <b>PROCEDE DE PREVENTION D'UNE INFECTION DE CULTURES BACTERIENNES PAR DES BACTERIOPHAGES</b> [72] JANZEN, THOMAS, DK [72] NILSSON, DAN, DK [71] CHR. HANSEN A/S, DK [85] 2000-12-22 [86] 1999-07-02 (PCT/DK99/00382) [87] 2000-01-13 (WO00/01799) [30] DK (PA 1998 00878) 1998-07-03 [30] US (60/091,735) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,331,342</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b> [25] EN [54] <b>SYSTEM INCLUDING AN IMPLANTABLE DEVICE AND METHODS OF USE FOR DETERMINING BLOOD PRESSURE AND OTHER BLOOD PARAMETERS OF A LIVING BEING</b> [54] <b>SYSTEME COMPRENANT UN DISPOSITIF IMPLANTABLE, PROCEDES D'UTILISATION PERMETTANT DE DETERMINER LA PRESSION SANGUINE ET D'AUTRES PARAMETRES SANGUINS CHEZ L'ETRE VIVANT</b> [72] KENSEY, KENNETH, US [72] CLUPPER, HAROLD, US [71] BPM DEVICES, INC., US [85] 2000-11-06 [86] 1999-04-21 (PCT/US99/08807) [87] 1999-11-11 (WO99/56614) [30] US (09/073,728) 1998-05-07</p>	<p style="text-align: right;">[21] <b>2,331,350</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/02 6A61K 47/32</b> [25] EN [54] <b>MUCOADHESIVE COMPOSITIONS FOR ADMINISTRATION OF BIOLOGICALLY ACTIVE AGENTS TO ANIMAL TISSUE</b> [54] <b>COMPOSITIONS MUCOADHESIVES POUR L'APPLICATION D'AGENTS BIOLOGIQUEMENT ACTIFS A DES TISSUS ANIMAUX</b> [72] KISHORE, R. SHAH, US [71] POLYTHERAPEUTICS, INC., US [85] 2000-11-06 [86] 1999-05-11 (PCT/US99/10218) [87] 1999-11-18 (WO99/58110) [30] US (09/076,216) 1998-05-12</p>
<p style="text-align: right;">[21] <b>2,331,337</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/715 6C07K 1/107 6A61K 47/48</b> [25] EN [54] <b>SITE SPECIFIC PROTEIN MODIFICATION BY MUTAGENESIS</b> [54] <b>MODIFICATION DE PROTEINE SPECIFIQUE A UN SITE PAR MUTAGENESE</b> [72] PETTIT, DEAN K., US [71] IMMUNEX CORPORATION, US [85] 2000-12-14 [86] 1999-06-18 (PCT/US99/13953) [87] 1999-12-29 (WO99/67291) [30] US (09/102,530) 1998-06-22</p>	<p style="text-align: right;">[21] <b>2,331,346</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01B 15/00</b> [25] EN [54] <b>PROCESS AND APPARATUS FOR RECYCLING JELLY FILLED CABLE</b> [54] <b>PROCEDE ET DISPOSITIF DE RECYCLAGE D'UN CABLE A BOURRAGE GELATINEUX</b> [72] ROWE, DAVID THOMAS, AU [71] ROWE, DAVID THOMAS, AU [85] 2000-11-06 [86] 1999-04-20 (PCT/AU99/00289) [87] 1999-11-18 (WO99/59167) [30] AU (PP 3402) 1998-05-07 [30] AU (PP 6841) 1998-11-02</p>	<p style="text-align: right;">[21] <b>2,331,352</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A45D 44/18 7A61C 3/00 7A46B 9/04</b> [25] EN [54] <b>DENTAL HYGIENE DEVICE WITH EASILY MOUNTED AND IDENTIFIED DENTAL HYGIENE ELEMENT</b> [54] <b>DISPOSITIF D'HYGIENE DENTAIRE POURVU D'UN ELEMENT D'HYGIENE DENTAIRE POUVANT ETRE FACILEMENT MONTE ET IDENTIFIE</b> [72] YOST, KEVIN G., US [72] GEKHTER, VLADIMIR, US [72] STVARTAK, CHRISTOPHER J., US [71] JOHN O. BUTLER COMPANY, US [85] 2000-11-03 [86] 2000-03-22 (PCT/US00/07614) [87] 2000-09-28 (WO00/56185) [30] US (09/274,191) 1999-03-22</p>
<p style="text-align: right;">[21] <b>2,331,339</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07F 7/10</b> [25] EN [54] <b>ELECTRONIC TRANSACTION APPARATUS AND METHOD THEREFOR</b> [54] <b>SYSTEME DE TRANSACTION ELECTRONIQUE ET PROCEDE CONNEXE</b> [72] TSE, HO KEUNG, CN [71] TSE, HO KEUNG, CN [85] 2000-11-06 [86] 1998-05-12 (PCT/EP98/02995) [87] 1998-12-10 (WO98/54943)</p>	<p style="text-align: right;">[21] <b>2,331,348</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 51/08 6A61K 47/48</b> [25] EN [54] <b>POSITRON EMISSION TOMOGRAPHY USING GALLIUM-68 CHELATES</b> [54] <b>TOMOGRAPHIE PAR EMISSION DE POSITRONS METTANT EN OEUVRE DES CHELATES DE GALLIUM 68</b> [72] GRIFFITHS, GARY L., US [72] MCBRIDE, WILLIAM J., US [71] IMMUNOMEDICS, INC., US [85] 2000-11-06 [86] 1999-05-06 (PCT/US99/09759) [87] 1999-11-11 (WO99/56792) [30] US (60/084,548) 1998-05-07</p>	<p style="text-align: right;">[21] <b>2,331,353</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23D 3/24 6F23D 3/02</b> [25] EN [54] <b>CATALYTIC AFTERBURNER AND BOTTLE EQUIPPED WITH SAME</b> [54] <b>BRULEUR CATALYTIQUE ET FLACON EQUIPE D'UN TEL BRULEUR</b> [72] GOMEZ, CORINNE, FR [72] LEHOUX, JANNICK, FR [71] PRODUITS BERGER, FR [85] 2000-11-03 [86] 1999-04-20 (PCT/FR99/00937) [87] 1999-12-09 (WO99/63267) [30] FR (98/07043) 1998-06-04</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,331,354</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 1/40</b> [25] EN [54] <b>METHOD AND APPARATUS FOR IMAGE DSCREENING</b> [54] <b>PROCEDE ET APPAREIL DE DEMASQUAGE D'IMAGES</b> [72] KARIDI, RON D., US [71] ELECTRONICS FOR IMAGING, INC., US [85] 2000-11-03 [86] 1999-07-01 (PCT/US99/15105) [87] 2000-01-13 (WO00/02377) [30] US (09/108,270) 1998-07-01</p>	<p style="text-align: right;">[21] <b>2,331,357</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21F 11/00 6D21F 7/08</b> [25] EN [54] <b>APPARATUS FOR MAKING STRUCTURED PAPER</b> [54] <b>DISPOSITIF DE FABRICATION DE PAPIER STRUCTURE</b> [72] PHAN, DEAN VAN, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-03 [86] 1999-06-09 (PCT/US99/13076) [87] 1999-12-23 (WO99/66124) [30] US (09/100,624) 1998-06-19</p>	<p style="text-align: right;">[21] <b>2,331,361</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A45B 17/00</b> [25] EN [54] <b>TILTING UMBRELLA</b> [54] <b>PARAPLUIE INCLINABLE</b> [72] EARNSHAW, JOHN MICHAEL, GB [71] HOYLAND FOX LTD., GB [85] 2000-11-03 [86] 1999-05-04 (PCT/GB99/01382) [87] 1999-11-11 (WO99/56579) [30] GB (9809644.9) 1998-05-06</p>
<p style="text-align: right;">[21] <b>2,331,355</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 1/26</b> [25] EN [54] <b>DOUBLE-BALANCED MONOLITHIC MICROWAVE INTEGRATED CIRCUIT MIXER</b> [54] <b>MELANGEUR HYPERFREQUENCE MONOLITHIQUE DOUBLEMENT SYMETRIQUE A CIRCUIT INTEGRE</b> [72] CONSOLAZIO, STEPHEN JAMES, US [71] NORTHROP GRUMMAN CORPORATION, US [85] 2000-11-03 [86] 1999-04-28 (PCT/US99/09208) [87] 1999-11-11 (WO99/57818) [30] US (09/073,657) 1998-05-06</p>	<p style="text-align: right;">[21] <b>2,331,358</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/02 6A61F 2/24</b> [25] EN [54] <b>SUTURELESS CARDIAC VALVE PROSTHESIS, AND DEVICES AND METHODS FOR IMPLANTING THEM</b> [54] <b>VALVULES CARDIAQUES PROTHETIQUES SANS SUTURE, DISPOSITIFS ET PROCEDES D'IMPLANTATION</b> [72] FENTON, PAUL V., JR., US [71] AXYA MEDICAL, INC., US [85] 2000-11-03 [86] 1999-04-13 (PCT/US99/08010) [87] 1999-11-11 (WO99/56665) [30] US (09/072,524) 1998-05-04</p>	<p style="text-align: right;">[21] <b>2,331,363</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 1/69</b> [25] EN [54] <b>SPREAD SPECTRUM FREQUENCY HOPPING SYSTEM AND METHOD</b> [54] <b>SYSTEME A ETALEMENT DE BANDE PAR SAUTS DE FREQUENCE ET PROCEDE</b> [72] BRENNAN, WILLIAM J., JR., US [71] SCHLUMBERGER RESOURCE MANAGEMENT SERVICES, INC., US [85] 2000-11-03 [86] 2000-03-04 (PCT/US00/05619) [87] 2000-09-08 (WO00/52842) [30] US (09/263,900) 1999-03-05</p>
<p style="text-align: right;">[21] <b>2,331,356</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 3/52</b> [25] EN [54] <b>INTEGRATED OPTICAL SWITCH ARRAY</b> [54] <b>MATRICE DE COMMUTATION OPTIQUE INTEGREE</b> [72] NIR, DAVID, IL [71] LYNX PHOTONIC NETWORKS INC., IL [85] 2000-11-03 [86] 1999-05-13 (PCT/US99/10317) [87] 1999-11-25 (WO99/60434) [30] US (09/085,369) 1998-05-19 [30] US (09/270,675) 1999-03-16</p>	<p style="text-align: right;">[21] <b>2,331,359</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 11/00 7C11D 17/06 7C11D 3/08</b> [25] EN [54] <b>METHOD FOR DISPENSING</b> [54] <b>PROCEDE DE DISTRIBUTION</b> [72] FIGUEROA, FRANCISCO RAMON, GB [72] HARTSHORN, RICHARD TIMOTHY, GB [72] CANCEIL, SYLVESTRE, GB [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-03 [86] 1999-07-08 (PCT/US99/15310) [87] 2000-01-20 (WO00/02993) [30] GB (9814687.1) 1998-07-08</p>	<p style="text-align: right;">[21] <b>2,331,372</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/54 6A01K 67/027 6C12N 9/10 6C07K 16/40 6A61K 38/45 6C12Q 1/48 6G01N 33/50 6C12Q 1/68</b> [25] EN [54] <b>TANKYRASE, A TRFI BINDING PROTEIN</b> [54] <b>TANKYRASE, PROTEINE DE LIAISON AU TRF1</b> [72] DE LANGE, TITIA, US [72] SMITH, SUSAN, US [71] THE ROCKEFELLER UNIVERSITY, US [85] 2000-12-08 [86] 1999-06-09 (PCT/US99/12968) [87] 1999-12-16 (WO99/64606) [30] US (09/095,225) 1998-06-10 [30] US (09/135,233) 1998-08-17 [30] US (09/196,387) 1998-11-19</p>

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[21] **2,331,375**  
[13] A1  
[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6A01H 5/10 6C12N 5/14**  
[25] EN  
[54] **ENHANCED STORAGE ORGAN PRODUCTION IN PLANTS**  
[54] **PRODUCTION D'ORGANES DE STOCKAGE AMELIORES CHEZ LES PLANTES**  
[72] SAMIS, KAREN, CA  
[72] JONES, KIM S., CA  
[72] BOWLEY, STEPHEN R., CA  
[72] MCKERSIE, BRYAN D., CA  
[71] UNIVERSITY OF GUELPH, CA  
[85] 2000-12-11  
[86] 1999-06-11 (PCT/CA99/00553)  
[87] 1999-12-16 (WO99/64612)  
[30] US (60/089,187) 1998-06-11

[21] **2,331,382**  
[13] A1  
[51] **Int.Cl. 6C12N 15/62 6C07K 19/00 6A01K 67/027 6C12N 9/12 6C12N 15/12 6A61K 38/17 6C07K 16/18 6A61K 39/395 6C07K 14/47 6C12Q 1/68 6A61K 31/70**  
[25] EN  
[54] **INTERACTION OF P27(KIP1) WITH FKBP-12**  
[54] **INTERACTION DE P27(KIPL) AVEC FKBP-12**  
[72] NANDABALAN, KRISHNAN, US  
[72] YANG, MEIJI, US  
[71] CURAGEN CORPORATION, US  
[85] 2000-12-15  
[86] 1999-06-18 (PCT/US99/13659)  
[87] 1999-12-23 (WO99/65939)  
[30] US (09/099,857) 1998-06-18

[21] **2,331,385**  
[13] A1  
[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6A01H 5/10**  
[25] EN  
[54] **PLANT SELECTABLE MARKER AND PLANT TRANSFORMATION METHOD**  
[54] **MARQUEUR VEGETAL SELECTIONNABLE ET METHODE DE TRANSFORMATION VEGETALE**  
[72] RODRIGUEZ, RAYMOND L., US  
[72] HUANG, NING, US  
[71] APPLIED PHYTOLOGICS, INC., US  
[85] 2000-12-19  
[86] 1999-06-25 (PCT/US99/14483)  
[87] 1999-12-29 (WO99/67406)  
[30] US (60/090,896) 1998-06-25

[21] **2,331,397**  
[13] A1  
[51] **Int.Cl. 6B65H 35/08**  
[25] EN  
[54] **CROSS-CUTTING APPARATUS AND METHOD FOR A WEB-LIKE MATERIAL, AS WELL AS SHEET CUTTER**  
[54] **APPAREIL ET PROCEDE DE COUPE TRANSVERSALE POUR UN MATERIAU DE TYPE BANDE CONTINUE, ET COUPEUSE EN FEUILLES**  
[72] LAUREN, UNTO, FI  
[72] KARHU, MARTTI, FI  
[71] VALMET CORPORATION, FI  
[85] 2000-11-03  
[86] 1999-04-01 (PCT/FI99/00271)  
[87] 1999-11-11 (WO99/57050)  
[30] FI (981001) 1998-05-06

[21] **2,331,398**  
[13] A1  
[51] **Int.Cl. 6H04M 3/42 6H04M 3/44**  
[25] EN  
[54] **ONE-NUMBER COMMUNICATIONS SYSTEM AND SERVICE INTEGRATING WIRELINE/WIRELESS TELEPHONE COMMUNICATIONS SYSTEMS**  
[54] **SYSTEME DE TELECOMMUNICATIONS A NUMERO UNIQUE ET SERVICE INCORPORANT DES SYSTEMES DE TELECOMMUNICATIONS TELEPHONIQUES AVEC OU SANS FIL**  
[72] GALLANT, JOHN KENNETH, US  
[71] MCI WORLDCOM, INC., US  
[85] 2000-11-03  
[86] 1999-05-03 (PCT/US99/09653)  
[87] 1999-11-11 (WO99/57876)  
[30] US (09/071,951) 1998-05-04

[21] **2,331,401**  
[13] A1  
[51] **Int.Cl. 6C09J 7/02**  
[25] EN  
[54] **HOT MELT PRESSURE SENSITIVE ADHESIVE COMPOSITION**  
[54] **COMPOSITION ADHESIVE AUTOCOLLANTE THERMOFUSIBLE**  
[72] BEKER, HANS-ULRICH, DE  
[72] REMMERS, PETER, DE  
[71] H.B. FULLER LICENSING & FINANCING INC., US  
[85] 2000-11-03  
[86] 1999-06-10 (PCT/US99/13217)  
[87] 1999-12-23 (WO99/66000)  
[30] US (09/099,009) 1998-06-17

[21] **2,331,403**  
[13] A1  
[51] **Int.Cl. 6A23L 1/0522 6A23C 19/00 6A23L 1/09 6A23C 9/13**  
[25] EN  
[54] **HYDROCOLLOID COMPOSITION FOR USE AS A GELLING AGENT VISCOSIFIER AND STABILIZER**  
[54] **COMPOSITION HYDROCOLLOIDALE UTILISEE COMME AGENT GELIFIANT, AGENT STABILISANT, ET AGENT AMELIORANT LA VISCOSITE**  
[72] HEIGIS, JOHN R., US  
[72] SENKELESKI, JAMIE L., US  
[72] FOSS, JEFFREY W., US  
[72] KASICA, JAMES J., US  
[72] WHALEY, JUDITH K., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[85] 2000-11-03  
[86] 1999-05-05 (PCT/US99/09798)  
[87] 1999-11-18 (WO99/57996)  
[30] US (09/074,791) 1998-05-08

[21] **2,331,406**  
[13] A1  
[51] **Int.Cl. 7A22C 11/02**  
[25] EN  
[54] **METHOD AND MEANS FOR FILLING NATURAL CASING SAUSAGES**  
[54] **PROCEDE ET DISPOSITIF D'ENTONNAGE DE BOYAUX DE SAUCISSES**  
[72] THOMAS, JAY D., US  
[72] ENKLAAR, RUDOLPH P. T., US  
[72] HAMBLIN, DAVID S., US  
[72] LEBSACK, KEN L., US  
[72] HERGOTT, STEVEN P., US  
[72] BASILE, VINCENT L., II, US  
[72] SIMPSON, MICHAEL S., US  
[72] OTTOW, MARCELLINUS FRANCISCUS, US  
[72] CATE, STEPHEN H., US  
[71] TOWNSEND ENGINEERING COMPANY, US  
[85] 2000-11-03  
[86] 2000-01-26 (PCT/US00/02028)  
[87] 2000-10-12 (WO00/59310)  
[30] US (60/127,770) 1999-04-05

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[21] **2,331,409**  
[13] A1  
[51] **Int.Cl. 6B05B 7/32**  
[25] EN  
[54] **FORAGE ADDITIVE  
APPLICATION SYSTEM AND METHOD  
[54] SYSTEME ET PROCEDE  
D'APPLICATION D'UN ADDITIF POUR  
FOURRAGE**  
[72] OEPPING, JAMES M., US  
[72] ROBERTS, JEFFREY, US  
[71] PIONEER HI-BRED  
INTERNATIONAL, INC., US  
[85] 2000-11-03  
[86] 1999-05-05 (PCT/US99/09854)  
[87] 1999-11-18 (WO99/58253)  
[30] US (09/075,110) 1998-05-08

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[21] **2,331,410**  
[13] A1  
[51] **Int.Cl. 6A61K 38/18 6A61K 39/395**  
[25] EN  
[54] **METHODS FOR TREATING  
DIABETES BY INHIBITING GDF-8  
[54] METHODES DE TRAITEMENT DU  
DIABETE PAR INHIBITION DU GDF-8**  
[72] STRASSMANN, GIDEON, US  
[72] LIANG, LI-FANG, US  
[72] TOPOUZIS, STAVROS, US  
[71] METAMORPHIX, INC., US  
[85] 2000-11-03  
[86] 1999-05-06 (PCT/US99/10089)  
[87] 1999-11-11 (WO99/56768)  
[30] US (60/084,490) 1998-05-06

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[21] **2,331,413**  
[13] A1  
[51] **Int.Cl. 6C08F 4/642 6C08F 10/00  
6C08F 4/02**  
[25] EN  
[54] **CATALYST COMPOSITION FOR  
POLYMERIZING MONOMERS  
[54] COMPOSITION CATALYTIQUE  
POUR LA POLYMERISATION DE  
MONOMERES**  
[72] HAWLEY, GIL R., US  
[72] SMITH, JAMES L., US  
[72] WITTNER, CHRISTOPHER E., US  
[72] JENSEN, MICHAEL D., US  
[72] COLLINS, KATHY S., US  
[72] MARTIN, SHIRLEY J., US  
[72] JOHNSON, MARVIN M., US  
[72] BENHAM, ELIZABETH A., US  
[72] MCDANIEL, MAX P., US  
[71] PHILLIPS PETROLEUM COMPANY,  
US  
[85] 2000-11-03  
[86] 1999-03-24 (PCT/US99/06373)  
[87] 1999-11-25 (WO99/60033)  
[30] US (09/080,619) 1998-05-18  
[30] US (09/080,629) 1998-05-18

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[21] **2,331,415**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/22 6H04L 29/08  
6H04L 12/28 6H04L 12/56**  
[25] EN  
[54] **METHOD FOR TRANSMITTING  
SERVICE DATA IN  
TELECOMMUNICATION SYSTEMS  
WITH WIRELESS  
TELECOMMUNICATION BASED ON A  
PREDEFINED RADIO INTERFACE  
PROTOCOL BETWEEN  
TELECOMMUNICATION  
DEVICES, ESPECIALLY VOICE DATA  
AND/OR PACKET DATA IN DECT  
SYSTEMS**  
[54] **PROCEDE POUR LA  
TRANSMISSION DE DONNEES UTILES  
DANS DES SYSTEMES DE  
TELECOMMUNICATION AVEC  
TELECOMMUNICATION SANS FIL  
BASE SUR UN PROTOCOLE  
INTERFACE RADIO PRE-DEFINI  
ENTRE LES DISPOSITIFS DE  
TELECOMMUNICATIONS, PLUS  
SPECIALEMENT DES DONNEES  
VOCALES ET /OU DONNEES EN  
PAQUET DANS DES SYSTEMES DECT**  
[72] KRUK, ANTON, DE  
[72] KORDSMEYER, MARTIN, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT,  
DE  
[85] 2000-11-03  
[86] 1999-05-06 (PCT/DE99/01370)  
[87] 1999-11-11 (WO99/57848)  
[30] DE (198 20 233.4) 1998-05-06

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[21] **2,331,416**  
[13] A1  
[51] **Int.Cl. 6H01Q 21/29 6H01Q 21/10  
6H01Q 1/24**  
[25] EN  
[54] **ANTENNA ARRAY WITH  
SEVERAL VERTICALLY SUPERPOSED  
PRIMARY RADIATOR MODULES  
[54] RESEAU D'ANTENNES A  
PLUSIEURS MODULES EXCITATEURS  
SUPERPOSES**  
[72] GABRIEL, ROLAND, DE  
[72] GOTTL, MAXIMILIAN, DE  
[71] KATHREIN-WERKE KG, DE  
[85] 2000-11-03  
[86] 1999-05-20 (PCT/EP99/03483)  
[87] 1999-12-02 (WO99/62138)  
[30] DE (198 23 750.2) 1998-05-27



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,331,510</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68</b> [25] EN [54] <b>QUANTITATIVE METHODS, SYSTEMS AND APPARATUSES FOR GENE EXPRESSION ANALYSIS</b> [54] <b>APPAREILS, SYSTEMES ET PROCEDES QUANTITATIFS PERMETTANT D'ANALYSER UNE EXPRESSION GENIQUE</b> [72] SCHERER, STEWART, US [71] ACACIA BIOSCIENCES, INC., US [85] 2000-11-08 [86] 1999-05-11 (PCT/US99/10387) [87] 1999-11-18 (WO99/58720) [30] US (09/076,668) 1998-05-12 [30] US (09/292,657) 1999-04-15</p>	<p style="text-align: right;">[21] <b>2,331,515</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21G 3/04 6D21G 9/00</b> [25] EN [54] <b>A METHOD AND A DEVICE FOR DIVIDING A PAPER WEB AND A PAPER MACHINE INCLUDING SUCH A DEVICE</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE DIVISER UNE BANDE PAPIER ET MACHINE PAPIER COMPRENANT UN TEL DISPOSITIF</b> [72] EKSTROM, LARS, SE [71] EKSTROM, LARS, SE [85] 2000-11-08 [86] 1999-04-29 (PCT/SE99/00703) [87] 1999-11-18 (WO99/58763) [30] SE (9801683-5) 1998-05-14</p>	<p style="text-align: right;">[21] <b>2,331,521</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F21V 9/16 6C09K 11/02</b> [25] EN [54] <b>A LIGHT HOUSING PROVIDED WITH AN AFTERGLOWING COATING, THE COATING USED FOR THAT PURPOSE AND THE COATING METHOD USED FOR THAT PURPOSE</b> [54] <b>LANTERNE MUNIE D'UN REVETEMENT A LUMINESCENCE RESIDUELLE, REVETEMENT ET PROCEDE DE REVETEMENT MIS EN OEUVRE A CET EFFET</b> [72] BEELE, JOHANNES ALFRED, NL [71] BEELE ENGINEERING B.V., NL [85] 2000-11-10 [86] 1999-04-29 (PCT/NL99/00261) [87] 1999-11-18 (WO99/58900) [30] NL (1009136) 1998-05-12</p>
<p style="text-align: right;">[21] <b>2,331,513</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 17/04 6B01D 17/022 6B01D 17/025 6B01D 17/028 6C02F 1/40</b> [25] EN [54] <b>DEVICE FOR SEPARATING TWO NON-MIXABLE LIQUIDS WITH DIFFERENT SPECIFIC GRAVITIES</b> [54] <b>DISPOSITIF PERMETTANT DE SEPARER DEUX LIQUIDES IMMISCIBLES DE DENSITE DIFFERENTE</b> [72] TALBOOM, BART ANTON LODE, BE [71] ATLAS COPCO AIRPOWER, NAAMLOSE VENNOOTSCHAP, BE [85] 2000-11-08 [86] 1999-05-04 (PCT/BE99/00054) [87] 1999-11-18 (WO99/58219) [30] BE (9800352) 1998-05-12</p>	<p style="text-align: right;">[21] <b>2,331,517</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 17/20 6C07B 39/00 6C07C 19/08 6C07C 17/38</b> [25] EN [54] <b>LIQUID-FLUORINATION SYSTEM AND METHOD</b> [54] <b>SYSTEME ET PROCEDE DE FLUORATION EN PHASE LIQUIDE</b> [72] CHIU, YUON, US [71] ALLIEDSIGNAL INC., US [85] 2000-11-08 [86] 1999-05-06 (PCT/US99/09873) [87] 1999-11-18 (WO99/58481) [30] US (09/075,486) 1998-05-08</p>	<p style="text-align: right;">[21] <b>2,331,523</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E05D 15/26</b> [25] EN [54] <b>HINGE MECHANISM AND WINDOW COVER SYSTEM</b> [54] <b>MECANISME CHARNIERE POUR SYSTEME DE STORE DE FENETRE</b> [72] TOTI, ANDREW J., US [71] TOTI, ANDREW J., US [85] 2000-11-10 [86] 1999-05-12 (PCT/US99/10546) [87] 1999-11-18 (WO99/58798) [30] US (09/078,427) 1998-05-13</p>
<p style="text-align: right;">[21] <b>2,331,514</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/02</b> [25] EN [54] <b>RADIATION PROTECTIVE DEVICE</b> [54] <b>DISPOSITIF DE PROTECTION CONTRE LES RAYONS</b> [72] FISHMAN, STEVEN J., US [71] CHILDREN'S MEDICAL CENTER CORPORATION, US [85] 2000-11-08 [86] 1999-05-07 (PCT/US99/10131) [87] 1999-11-25 (WO99/59501) [30] US (09/080,447) 1998-05-18</p>	<p style="text-align: right;">[21] <b>2,331,520</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 1/06</b> [25] EN [54] <b>METHOD FOR FEEDING A SAMPLE OR A CUTTING KNIFE INTO A CUTTING PLANE OF A MICROTOME</b> [54] <b>PROCEDE PERMETTANT D'AMENER UN PRELEVEMENT OU UNE LAME DANS UN PLAN DE COUPE D'UN MICROTOME</b> [72] METZNER, ROLF, DE [72] HOLTERMULLER, SIEGBERT, DE [72] LAUDAT, ANDREAS, DE [72] WALTER, ROLAND, DE [72] GUNTHER, BERND, DE [71] LEICA MICROSYSTEMS NUSSLOCH GMBH, DE [85] 2001-10-08 [86] 2000-03-08 (PCT/DE00/00727) [87] 2000-09-14 (WO00/54020) [30] DE (199 11 005.0) 1999-03-12</p>	<p style="text-align: right;">[21] <b>2,331,525</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/32</b> [25] EN [54] <b>METHOD FOR PREVENTING REPLICATION IN CRYPTOSPORIDIUM PARVUM USING ULTRAVIOLET LIGHT</b> [54] <b>PROCEDE POUR PREVENIR LA REPLICATION DE CRYPTOSPORIDIUM PARVUM A L'AIDE D'UN RAYONNEMENT ULTRAVIOLET</b> [72] STEVENS, R. D. SAMUEL, US [72] DUSSERT, BERTRAND, US [72] BOLTON, JAMES R., CA [71] CALGON CARBON CORPORATION, US [85] 2000-11-08 [86] 1999-05-05 (PCT/US99/09800) [87] 1999-11-18 (WO99/58454) [30] US (09/078,116) 1998-05-13</p>

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[21] **2,331,526**  
[13] A1

[51] **Int.Cl. 6C07D 471/04 6C07B 57/00 6C07D 209/00 6C07D 221/00**  
[25] EN  
[54] **METHOD FOR PRODUCING (S,S)-BENZYL-2,8-DIAZABICYCLO-4.3.0|NONANE**  
[54] **PROCEDE DE PREPARATION DE (S,S)-BENZYLE-2,8-DIAZABICYCLO-4.3.0|NONANE**  
[72] FEY, PETER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-11-08  
[86] 1999-04-28 (PCT/EP99/02860)  
[87] 1999-11-18 (WO99/58532)  
[30] DE (198 21 039.6) 1998-05-11

[21] **2,331,527**  
[13] A1

[51] **Int.Cl. 6A61K 9/00 6A61K 9/70**  
[25] EN  
[54] **BIOLOGICALLY ACTIVE COMPOSITION**  
[54] **COMPOSITION BIOLOGIQUEMENT ACTIVE**  
[72] BRYLAND, RICKARD, SE  
[72] LINDAHL, AKE, SE  
[72] HAGSLATT, HAKAN, SE  
[72] BENEDIKTSSON, CATHARINA, SE  
[71] BIOGLAN AB, SE  
[85] 2000-11-10  
[86] 1999-05-12 (PCT/SE99/00823)  
[87] 1999-11-18 (WO99/58108)  
[30] SE (9801704-9) 1998-05-14

[21] **2,331,528**  
[13] A1

[51] **Int.Cl. 6B29C 67/00 6C08J 3/12**  
[25] EN  
[54] **METHOD AND MATERIAL FOR PRODUCING MODEL ELEMENTS**  
[54] **PROCEDE ET MATERIAU POUR PRODUIRE DES CORPS-MODELES**  
[72] ALSCHER, GABRIELE, DE  
[72] HARRISON, DAVID BRYAN, DE  
[72] PODSZUN, WOLFGANG, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-11-08  
[86] 1999-05-06 (PCT/EP99/03131)  
[87] 1999-11-18 (WO99/58317)  
[30] DE (198 20 725.5) 1998-05-11

[21] **2,331,529**  
[13] A1

[51] **Int.Cl. 6F41H 5/04**  
[25] EN  
[54] **COMPOSITE ARMOR PLATE**  
[54] **BLINDAGE COMPOSITE**  
[72] COHEN, MICHAEL, IL  
[71] COHEN, MICHAEL, IL  
[85] 2000-11-08  
[86] 1999-05-16 (PCT/IL99/00260)  
[87] 1999-11-25 (WO99/60327)  
[30] IL (124543) 1998-05-19

[21] **2,331,531**  
[13] A1

[51] **Int.Cl. 6H04M 3/50 6H04M 15/08**  
[25] EN  
[54] **A COMMUNICATION SYSTEM FOR DISTRIBUTING INFORMATION**  
[54] **SYSTEME DE COMMUNICATION PERMETTANT DE TRANSMETTRE DES INFORMATIONS**  
[72] PERETTI, GIULIO, IT  
[71] PERETTI, GIULIO, IT  
[85] 2000-11-10  
[86] 1999-05-05 (PCT/EP99/03055)  
[87] 1999-11-18 (WO99/59318)  
[30] IT (TO98A000403) 1998-05-13

[21] **2,331,532**  
[13] A1

[51] **Int.Cl. 6A61N 1/00**  
[25] EN  
[54] **ELECTRICALLY INDUCED VESSEL VASODILATION**  
[54] **VASODILATATION D'UN VAISSEAU INDUITE ELECTRIQUEMENT**  
[72] HOFMANN, GUNTER A., US  
[72] DEV, NAGENDU B., US  
[72] DEV, SUKHENDU B., US  
[71] GENETRONICS, INC., US  
[85] 2000-11-08  
[86] 1999-05-07 (PCT/US99/09975)  
[87] 1999-11-18 (WO99/58188)  
[30] US (60/084,857) 1998-05-08

[21] **2,331,533**  
[13] A1

[51] **Int.Cl. 7H01L 35/14**  
[25] EN  
[54] **THERMOELECTRIC CONVERSION MATERIAL AND METHOD OF PRODUCING THE SAME**  
[54] **MATERIAU DE CONVERSION THERMOELECTRIQUE ET PROCEDE DE PRODUCTION ASSOCIE**  
[72] SADATOMI, NOBUHIRO, JP  
[72] YAMASHITA, OSAMU, JP  
[72] SAIGO, TSUNEKAZU, JP  
[72] NOUMI, MASAO, JP  
[71] SUMITOMO SPECIAL METALS CO., LTD., JP  
[85] 2000-11-08  
[86] 2000-03-10 (PCT/JP00/01469)  
[87] 2000-09-14 (WO00/54343)  
[30] JP (11/63074) 1999-03-10  
[30] JP (11/63088) 1999-03-10  
[30] JP (11/63093) 1999-03-10  
[30] JP (11/63099) 1999-03-10  
[30] JP (11/243118) 1999-08-30

[21] **2,331,535**  
[13] A1

[51] **Int.Cl. 6C14C 9/00 6C08K 9/10**  
[25] EN  
[54] **WATER/OIL REPELLANT COMPOSITION**  
[54] **COMPOSITION HYDROPHOBE ET OLEOPHOBE**  
[72] ASHIZAWA, MASAHIRO, JP  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-11-10  
[86] 1999-05-07 (PCT/US99/10035)  
[87] 1999-11-18 (WO99/58728)  
[30] JP (8/127395) 1998-05-11

[21] **2,331,537**  
[13] A1

[51] **Int.Cl. 6C11D 1/86 6C11D 3/44**  
[25] EN  
[54] **MICROEMULSION DILUTABLE CLEANER**  
[54] **NETTOYANT POUVANT ETRE DILUE DANS UNE MICRO-EMULSION**  
[72] BLUM, ROBERT L., US  
[72] EDSINGER, ANGELINE B., US  
[72] HEARN, LYNN M., US  
[72] ROBBINS, MICHAEL H., US  
[71] THE CLOROX COMPANY, US  
[85] 2000-11-08  
[86] 1999-05-07 (PCT/US99/10141)  
[87] 1999-11-18 (WO99/58631)  
[30] US (09/075,805) 1998-05-11

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[21] **2,331,539**  
[13] A1  
[51] **Int.Cl. 6C07D 295/205 6G01N 31/22**  
[25] EN  
[54] **ISOCYANATE DERIVATIZING AGENT AND METHODS OF PRODUCTION AND USE**  
[54] **AGENT DE DERIVATISATION D'ISOCYANATES ET PROCEDES DE FABRICATION ET D'UTILISATION CORRESPONDANTS**  
[72] STREICHER, ROBERT P., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/US99/10634)  
[87] 1999-11-18 (WO99/58517)  
[30] US (60/085,260) 1998-05-13

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[21] **2,331,542**  
[13] A1  
[51] **Int.Cl. 6A61K 9/22 6A61M 31/00 6A61K 47/08 6C08F 226/10 6A61K 47/38**  
[25] EN  
[54] **ANTIDEPRESSANT THERAPY**  
[54] **TRAITEMENT ANTIDEPRESSEUR**  
[72] WONG, PATRICK S.L., US  
[72] SEROFF, SYLVIA, US  
[72] AYER, ATUL D., US  
[71] ALZA CORPORATION, US  
[85] 2000-11-10  
[86] 1999-05-07 (PCT/US99/09917)  
[87] 1999-11-18 (WO99/58115)  
[30] US (60/085,432) 1998-05-14

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[21] **2,331,545**  
[13] A1  
[51] **Int.Cl. 6H03K 3/84**  
[25] EN  
[54] **SEQUENCE GENERATOR**  
[54] **GENERATEUR DE SEQUENCE**  
[72] NOURBAKHS, SEYED-HAMI, DE  
[72] KUKLA, RALF, DE  
[72] NIEGEL, MICHAEL, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-10  
[86] 1999-04-26 (PCT/EP99/02812)  
[87] 1999-11-18 (WO99/59246)  
[30] DE (198 21 004.3) 1998-05-11

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[21] **2,331,546**  
[13] A1  
[51] **Int.Cl. 6H04J 3/16 6H04J 13/02 6H04L 1/18**  
[25] EN  
[54] **DATA TRANSMISSION OVER A COMMUNICATIONS LINK WITH VARIABLE TRANSMISSION RATES**  
[54] **TRANSMISSION DE DONNEES PAR UNE LIAISON DE COMMUNICATION AVEC DES VITESSES DE TRANSMISSION VARIABLES**  
[72] LUNDSJO, JOHAN, SE  
[72] BEMING, PER, SE  
[72] ROOBOL, CHRISTIAAN, SE  
[72] JOHANSSON, MATHIAS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-10  
[86] 1999-04-29 (PCT/SE99/00708)  
[87] 1999-11-18 (WO99/59278)  
[30] US (09/078,598) 1998-05-14

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[21] **2,331,548**  
[13] A1  
[51] **Int.Cl. 6C07D 275/06 6C07C 53/126 6C07C 51/36**  
[25] EN  
[54] **NOVEL INTERMEDIATES AND PROCESSES FOR THE PREPARATION OF OPTICALLY ACTIVE OCTANOIC ACID DERIVATIVES**  
[54] **NOUVEAUX INTERMEDIAIRES ET PROCEDES DE PREPARATION DE DERIVES D'ACIDE OCTANOIQUE OPTIQUEMENT ACTIF**  
[72] YAMAMOTO, HISASHI, JP  
[71] ONO PHARMACEUTICAL CO., LTD., JP  
[85] 2000-11-08  
[86] 1999-05-11 (PCT/JP99/02427)  
[87] 1999-11-18 (WO99/58513)  
[30] JP (10/128901) 1998-05-12

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[21] **2,331,550**  
[13] A1  
[51] **Int.Cl. 6B09B 3/00 6B03B 9/06 6C04B 18/30**  
[25] EN  
[54] **ECOLOGICAL MIXTURE FOR THE CONSTRUCTION INDUSTRY AND PROCESS FOR ELIMINATING WASTE MATERIALS**  
[54] **MELANGE ECOLOGIQUE POUR LE SECTEUR DE LA CONSTRUCTION ET PROCEDE D'ELIMINATION DES DECHETS**  
[72] DE LA CONCHA ESTRADA, ERNESTO, MX  
[71] DE LA CONCHA ESTRADA, ERNESTO, MX  
[85] 2000-11-10  
[86] 1999-04-30 (PCT/MX99/00010)  
[87] 1999-11-18 (WO99/58261)  
[30] MX (983707) 1998-05-11

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[21] **2,331,553**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **PRIMERS FOR THE DETECTION OF SPORE FORMING BACTERIA IN PAPER PRODUCTS AND PAPER MANUFACTURING STREAMS**  
[54] **AMORCES POUR LA DETECTION DE BACTERIES SPORULEES DANS DES PRODUITS DE PAPIERS ET COURANTS DE SYSTEMES DE FABRICATION DE PAPIER**  
[72] SINGLETON, FREDDIE L., US  
[72] BREEN, ALEXANDER W., US  
[71] BETZDEARBORN INC., US  
[85] 2000-11-08  
[86] 1999-04-21 (PCT/US99/08806)  
[87] 1999-12-02 (WO99/61667)  
[30] US (09/085,359) 1998-05-27

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[21] **2,331,555**  
[13] A1  
[51] **Int.Cl. 6A61G 7/00**  
[25] EN  
[54] **A THERAPEUTIC BED**  
[54] **LIT THERAPEUTIQUE**  
[72] VIJAYENDRAN, CHINNATHAMBY, GB  
[72] CONNOLLY, PATRICK JOSEPH, IE  
[71] ALLIANCE INVESTMENTS LIMITED, IE  
[85] 2000-11-08  
[86] 1999-06-03 (PCT/IE99/00049)  
[87] 1999-12-09 (WO99/62454)  
[30] IE (S980415) 1998-06-03

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,331,557</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05B 37/03 6H02J 9/02</b> [25] EN [54] <b>LAMP FAULT DETECTION</b> [54] <b>DETECTION DE DEFAILLANCE DE LAMPE</b> [72] QUINLAN, MICHAEL, IE [72] MCCARTHY, PAUL, IE [72] DURKAN, THOMAS, IE [72] NOONE, SEAN, IE [71] NOONTEK LIMITED, IE [85] 2000-11-08 [86] 1999-05-17 (PCT/IE99/00044) [87] 1999-11-25 (WO99/60826) [30] IE (S980369) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,331,568</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02K 15/00 7H02K 15/04</b> [25] EN [54] <b>MANUFACTURING METHOD AND APPARATUS OF DYNAMO-ELECTRIC MACHINE HAVING STATOR COILS LEADS AT FINAL ATTACHMENT POINTS BEFORE INSERTION INTO A STATOR CORE</b> [54] <b>PROCEDE DE PRODUCTION ET APPAREIL DE MACHINE DYNAMOELECTRIQUE DOTEE DE FILS D'ENROULEMENT STATORIQUE AU NIVEAU DES POINTS DE FIXATION TERMINAUX AVANT LEUR INSERTION DANS UN NOYAU STATORIQUE</b> [72] STRATICO, GIANFRANCO, IT [72] BECHERUCCI, RAFFAELE, IT [71] PAVESI SRL, IT [85] 2000-11-08 [86] 2000-03-09 (PCT/IB00/00307) [87] 2000-09-21 (WO00/55960) [30] US (60/124,226) 1999-03-12</p>	<p style="text-align: right;">[21] <b>2,331,574</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 9/00</b> [25] EN [54] <b>INTRAOCULAR LENS INSERTION INSTRUMENT</b> [54] <b>INSTRUMENT D'INSERTION D'UNE LENTILLE INTRAOCULAIRE</b> [72] CUMMING, J. STUART, US [71] CUMMING, J. STUART, US [85] 2000-11-08 [86] 1999-05-07 (PCT/US99/09980) [87] 1999-11-18 (WO99/58086) [30] US (09/075,931) 1998-05-11</p>
<p style="text-align: right;">[21] <b>2,331,562</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B62M 11/10 7B62M 11/14</b> [25] EN [54] <b>APPARATUS FOR CHANGING DIRECTION OF DRIVING FORCE FOR BICYCLES</b> [54] <b>APPAREIL POUR CHANGER LE SENS DE LA FORCE D'ENTRAINEMENT SUR UNE BICYCLETTE</b> [72] YOO, MOON-SOO, KR [71] WORLD INDUSTRY CO., LTD., KR [85] 2000-11-08 [86] 2000-03-15 (PCT/KR00/00207) [87] 2000-09-21 (WO00/55033) [30] KR (1999/8575) 1999-03-15</p>	<p style="text-align: right;">[21] <b>2,331,569</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 48/00</b> [25] EN [54] <b>PROTECTION FROM IONIZING IRRADIATION OR CHEMOTHERAPEUTIC DRUG DAMAGE BY IN VIVO GENE THERAPY</b> [54] <b>PROTECTION PAR THERAPIE GENIQUE IN VIVO CONTRE LES DEGATS OCCASIONNES PAR UNE EXPOSITION A UN RAYONNEMENT IONISANT OU PAR UN MEDICAMENT CHIMIOTHERAPIQUE</b> [72] GREENBERGER, JOEL S., US [71] UNIVERSITY OF PITTSBURGH, US [85] 2000-11-08 [86] 1999-05-07 (PCT/US99/07029) [87] 1999-11-18 (WO99/58154) [30] US (09/075,532) 1998-05-11</p>	<p style="text-align: right;">[21] <b>2,331,576</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 45/27</b> [25] EN [54] <b>INJECTION MOULDING TOOL</b> [54] <b>MOULE A INJECTION</b> [72] HOFSTETTER, OTTO, CH [72] FERNANDEZ, LUIS, CH [71] OTTO HOFSTETTER AG, CH [85] 2000-11-08 [86] 1999-05-14 (PCT/CH99/00206) [87] 1999-11-25 (WO99/59795) [30] CH (1082/98) 1998-05-15</p>
<p style="text-align: right;">[21] <b>2,331,565</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02H 7/04 6H02H 6/00</b> [25] EN [54] <b>METHOD AND DEVICE FOR DETERMINING STATE VARIABLES</b> [54] <b>DISPOSITIF ET PROCEDE PERMETTANT DE DETERMINER DES GRANDEURS D'ETAT</b> [72] SEITLINGER, WALTER, AT [71] VA TECH ELIN TRANSFORMATOREN GMBH, AT [85] 2000-11-08 [86] 1999-05-06 (PCT/AT99/00110) [87] 1999-11-25 (WO99/60682) [30] AT (A 828/98) 1998-05-14</p>	<p style="text-align: right;">[21] <b>2,331,578</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 37/00 6B29C 45/14</b> [25] EN [54] <b>COMPOSITE CONSISTING OF A COATED POLYCARBONATE AND A POLYMER</b> [54] <b>COMPOSITE A BASE DE POLYCARBONATE MUNI D'UN REVETEMENT ET D'UN POLYMERE</b> [72] BIER, PETER, DE [72] CAPELLEN, PETER, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-11-08 [86] 1999-05-03 (PCT/EP99/02968) [87] 1999-11-25 (WO99/59793) [30] DE (198 21 629.7) 1998-05-14</p>	

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[21] **2,331,580**  
[13] A1  
[51] **Int.Cl. 6C07C 15/46 6B01J 21/04 6C07C 1/24**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF STYRENES**  
[54] **PROCEDE RELATIF A L'ELABORATION DE STYRENES**  
[72] VAN ZWIENEN, MARINUS, NL  
[72] DIRKZWAGER, HENDRIK, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2000-11-08  
[86] 1999-04-27 (PCT/EP99/03018)  
[87] 1999-11-18 (WO99/58480)  
[30] EP (98201527.3) 1998-05-11

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[21] **2,331,581**  
[13] A1  
[51] **Int.Cl. 6A61N 1/37**  
[25] EN  
[54] **IMPLANTABLE CARDIAC STIMULATOR WITH ELECTRODE-TISSUE INTERFACE CHARACTERIZATION**  
[54] **STIMULATEUR CARDIAQUE IMPLANTABLE AVEC CARACTERISATION DE L'INTERFACE ELECTRODE-TISSU**  
[72] PAUL, PATRICK J., US  
[72] MARTIN, GREGORY R., US  
[72] PRUTCHI, DAVID, US  
[71] INTERMEDICS INC., US  
[85] 2000-11-08  
[86] 1999-05-06 (PCT/US99/09877)  
[87] 1999-11-18 (WO99/58192)  
[30] US (09/075,144) 1998-05-08

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[21] **2,331,582**  
[13] A1  
[51] **Int.Cl. 6C11D 3/37 6C11D 17/00 6C11D 3/02 6C11D 3/20 6C11D 3/22**  
[25] EN  
[54] **LIQUID ACIDIC HARD SURFACE CLEANING COMPOSITION**  
[54] **COMPOSITION DE NETTOYAGE ACIDE LIQUIDE POUR SURFACES DURES**  
[72] ORLANDINI, LAURA, IT  
[72] RESCIO, MARIAROSA, IT  
[72] IAKOVIDES, PANOS, IT  
[72] CARDOLA, SERGIO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-08  
[86] 1999-05-13 (PCT/IB99/00864)  
[87] 1999-11-25 (WO99/60086)  
[30] EP (98870110.8) 1998-05-15

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[21] **2,331,583**  
[13] A1  
[51] **Int.Cl. 6E04C 1/00 6E04B 2/18 6E04B 2/46 6E04B 2/48**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO BUILDING ELEMENTS AND METHODS IN RELATION TO SAME**  
[54] **AMELIORATIONS APORTEES OU SE RAPPORTANT A DES PARTIES DE BATIMENT ET PROCEDE LES CONCERNANT**  
[72] RYDER, GEORGE RALPH, AU  
[71] INTERLOCK HOLDINGS PTY. LTD., AU  
[85] 2000-11-08  
[86] 1999-05-11 (PCT/AU99/00348)  
[87] 1999-11-18 (WO99/58783)  
[30] AU (PP 3427) 1998-05-11  
[30] AU (PP 5101) 1998-08-07  
[30] AU (PP 8426) 1999-02-02

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[21] **2,331,584**  
[13] A1  
[51] **Int.Cl. 6C07D 265/32 6A61K 31/535**  
[25] EN  
[54] **MORPHOLINO ETHERS**  
[54] **ETHERS DE MORPHOLINE**  
[72] CUEVAS, JUAN CARLOS, ES  
[72] COTERON, JOSE-MIGUEL, ES  
[72] CHICHARRO GONZALO, JESUS, ES  
[72] BUENO, JOSE M., ES  
[72] FIANDOR, JOSE M., ES  
[72] MALLO, ARACELI, ES  
[71] GLAXO WELLCOME S.A., ES  
[85] 2000-11-08  
[86] 1999-05-07 (PCT/EP99/03139)  
[87] 1999-11-18 (WO99/58512)  
[30] EP (98500117.1) 1998-05-11  
[30] EP (98500204.7) 1998-09-18

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[21] **2,331,585**  
[13] A1  
[51] **Int.Cl. 7G12B 21/08 7G01N 1/28**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MEASURING INTERMOLECULAR INTERACTIONS BY ATOMIC FORCE MICROSCOPY**  
[54] **APPAREIL ET PROCEDE POUR MESURER DES INTERACTIONS INTERMOLECULAIRES PAR MICROSCOPIE A FORCES ATOMIQUES**  
[72] LEE, GIL U., US  
[72] DEVAULT GREEN, JOHN-BRUCE, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECURE, US  
[85] 2000-11-08  
[86] 1999-05-05 (PCT/US99/09696)  
[87] 1999-11-18 (WO99/58922)  
[30] US (09/074,541) 1998-05-08

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[21] **2,331,586**  
[13] A1  
[51] **Int.Cl. 6C07D 519/00 6A61K 31/435 6A61K 31/495 6A61K 31/50 6A61K 31/505 6A61K 31/55**  
[25] EN  
[54] **NOVEL .BETA.-LACTAM COMPOUNDS AND PROCESS FOR PRODUCING THE SAME**  
[54] **NOUVEAUX COMPOSES .BETA.-LACTAM ET LEUR PROCEDE DE PREPARATION**  
[72] SUNAGAWA, MAKOTO, JP  
[72] YAMAGA, HIROSHI, JP  
[72] SUMITA, YOSHIHIRO, JP  
[72] SHINAGAWA, HISATOSHI, JP  
[71] SUMITOMO PHARMACEUTICALS COMPANY, LIMITED, JP  
[85] 2000-11-07  
[86] 1999-04-28 (PCT/JP99/02261)  
[87] 1999-11-18 (WO99/58536)  
[30] JP (10/142151) 1998-05-08

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[21] **2,331,587**  
[13] A1

[51] **Int.Cl. 6G01N 33/543 6G01N 33/542**  
[25] EN  
[54] **IMMUNOASSAY REAGENTS AND IMMUNOASSAY METHOD**  
[54] **IMMUNOREACTIFS ET PROCEDE DE DOSAGE IMMUNOLOGIQUE**  
[72] YOKOI, MASAYUKI, JP  
[72] AKAMINE, TAKAYUKI, JP  
[72] YOSHIKAWA, KATSUMI, JP  
[71] SEKISUI CHEMICAL CO., LTD., JP  
[85] 2000-11-07  
[86] 1999-05-12 (PCT/JP99/02442)  
[87] 1999-11-25 (WO99/60401)  
[30] JP (10/133995) 1998-05-15  
[30] JP (10/366818) 1998-12-24  
[30] JP (10/366819) 1998-12-24  
[30] JP (10/366820) 1998-12-24

[21] **2,331,594**  
[13] A1

[51] **Int.Cl. 6B65D 85/57**  
[25] EN  
[54] **FOLDABLE CARRIER FOR RETAINING OBJECTS**  
[54] **SUPPORT PLIANT POUR BLOQUER DES OBJETS**  
[72] TOUSSAINT, STEPHEN M., US  
[71] TOUSSAINT, STEPHEN M., US  
[85] 2000-11-07  
[86] 1998-05-09 (PCT/US98/09470)  
[87] 1999-11-18 (WO99/58425)

[21] **2,331,596**  
[13] A1

[51] **Int.Cl. 6B01D 39/00 6C22C 1/04**  
[25] EN  
[54] **COMPOSITE POROUS MEDIA**  
[54] **MILIEU POREUX COMPOSITE**  
[72] COWAN, CATHY L., US  
[72] EISENMANN, MARK R., US  
[72] RUBOW, KENNETH L., US  
[72] JHA, SUNIL C., US  
[71] MOTT METALLURGICAL CORPORATION, US  
[85] 2000-11-08  
[86] 1999-05-10 (PCT/US99/10095)  
[87] 1999-11-18 (WO99/58223)  
[30] US (09/074,957) 1998-05-08

[21] **2,331,607**  
[13] A1

[51] **Int.Cl. 6A61K 39/395 6C07K 16/28**  
[25] EN  
[54] **REVERSAL OF PROINFLAMMATORY RESPONSE BY LIGATING THE MACROPHAGE FC.GAMMA.RI RECEPTOR**  
[54] **INVERSION D'UNE REACTION PRO-INFLAMMATOIRE PAR LA LIGATURE DU RECEPTEUR DE MACROPHAGE FC.GAMMA.RI**  
[72] MOSSER, DAVID M., US  
[72] SUTTERWALA, FAYYAZ S., US  
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 2000-11-03  
[86] 1999-04-29 (PCT/US99/09269)  
[87] 1999-11-11 (WO99/56777)  
[30] US (60/084,385) 1998-05-06

[21] **2,331,609**  
[13] A1

[51] **Int.Cl. 6C07C 4/06 6C10G 11/05 6B01J 29/84**  
[25] EN  
[54] **HYDROCARBON CONVERSION TO PROPYLENE**  
[54] **CONVERSION D'HYDROCARBURES EN PROPYLENE**  
[72] MARTENS, LUC R. M., BE  
[72] RUZISKA, PHILIP A., US  
[72] JANSSEN, MARCEL J. G., BE  
[72] DAVIS, S. MARK, US  
[72] CHEN, TAN-JEN, US  
[71] EXXON CHEMICAL PATENTS, INC., US  
[85] 2000-11-03  
[86] 1999-05-04 (PCT/US99/09740)  
[87] 1999-11-11 (WO99/57087)  
[30] US (09/073,148) 1998-05-05

[21] **2,331,610**  
[13] A1

[51] **Int.Cl. 6G02B 6/22 6H01S 3/07**  
[25] EN  
[54] **MICRO-LASING BEADS AND STRUCTURES, AND ASSOCIATED METHODS**  
[54] **STRUCTURES ET MOULURES DE MICRO-LASAGE ET PROCEDES CORRESPONDANTS**  
[72] LAWANDY, NABIL M., US  
[71] SPECTRA SCIENCE CORPORATION, US  
[85] 2000-11-08  
[86] 1999-05-13 (PCT/US99/10564)  
[87] 1999-11-18 (WO99/59011)  
[30] US (60/085,286) 1998-05-13  
[30] US (60/086,126) 1998-05-20  
[30] US (60/127,170) 1999-03-03  
[30] US (60/128,118) 1999-04-07  
[30] US (09/310,825) 1999-05-12

[21] **2,331,613**  
[13] A1

[51] **Int.Cl. 6C10G 11/05**  
[25] EN  
[54] **HYDROCARBON CONVERSION TO PROPYLENE WITH HIGH SILICA MEDIUM PORE ZEOLITE CATALYSTS**  
[54] **CONVERSION D'HYDROCARBURES EN PROPYLENE AU MOYEN DE CATALYSEURS ZEOLITIQUES A PORES MOYENS ET FORTE TENEUR EN SILICE**  
[72] VERDUIJN, JOHANNES P. (DECEASED), BE  
[72] ZHAO, LYNN L., US  
[72] RUZISKA, PHILIP A., US  
[72] MERTENS, MACHTELD M., BE  
[72] JANSSEN, MARCEL J. G., BE  
[72] MARTENS, LUC R. M., BE  
[72] CHEN, TAN-JEN, US  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 2000-11-03  
[86] 1999-05-04 (PCT/US99/09809)  
[87] 1999-11-11 (WO99/57226)  
[30] US (60/084,376) 1998-05-05

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,331,614</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65H 18/22 6B65H 18/26</b> [25] EN [54] <b>SURFACE WINDING ON AN A-FRAME WINDER</b> [54] <b>ENROULEMENT DE SURFACE SUR UN ENROULEUR A STRUCTURE EN A</b> [72] SENTMANAT, MARTIN LAMAR, US [72] HUFFSTETLER, CHARLES TERRY, US [72] VARGO, RICHARD DAVID, US [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 2000-11-08 [86] 1998-06-10 (PCT/US98/11983) [87] 1999-12-16 (WO99/64335)</p>	<p style="text-align: right;">[21] <b>2,331,617</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09K 3/00 7C09D 7/00 7C09D 11/00 7C05G 3/00 7C09J 11/00 7B01D 11/04 7A61K 47/06 7C11D 7/50</b> [25] EN [54] <b>ENVIRONMENTALLY PREFERRED FLUIDS AND FLUID BLENDS</b> [54] <b>FLUIDES ET MELANGES DE FLUIDES PLUS RESPECTUEUX DE L'ENVIRONNEMENT</b> [72] LARSON, THOMAS M., US [72] SCHLOSBERG, RICHARD H., US [72] KNUDSEN, GEORGE A., US [72] YEZRIELEV, ALBERT I., US [71] EXXON CHEMICAL PATENTS INC., US [85] 2000-11-03 [86] 1999-05-05 (PCT/US99/09885) [87] 1999-11-11 (WO99/57217) [30] US (60/084,347) 1998-05-05 [30] US (60/087,150) 1998-05-29 [30] US (09/288,055) 1999-04-07</p>	<p style="text-align: right;">[21] <b>2,331,624</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01G 9/052 6C22C 1/04</b> [25] EN [54] <b>NITRIDED NIOBIUM POWDERS AND NIOBIUM ELECTROLYTIC CAPACITORS</b> [54] <b>POUDRES DE NIOBIUM NITRURE ET CONDENSATEURS ELECTROLYTIQUES AU NIOBIUM</b> [72] FIFE, JAMES A., US [71] CABOT CORPORATION, US [85] 2000-11-03 [86] 1999-05-03 (PCT/US99/09576) [87] 1999-11-11 (WO99/57739) [30] US (09/071,537) 1998-05-04</p>
<p style="text-align: right;">[21] <b>2,331,615</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b> [25] EN [54] <b>DISPOSABLE ABSORBANT ARTICLE</b> [54] <b>ARTICLE ABSORBANT JETABLE</b> [72] FUKUDA, EIRO, JP [72] FURUKAWA, FUMITO, JP [72] LANGDON, FREDERICK MICHAEL, JP [72] HAWKINS, CRAIG ANDREW, JP [72] ASHTON, GREGORY, JP [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-03 [86] 1999-05-24 (PCT/US99/11428) [87] 1999-12-02 (WO99/60974) [30] US (PCT/US98/10852) 1998-05-28 [30] US (PCT/US98/10848) 1998-05-28 [30] US (PCT/US98/10847) 1998-05-28</p>	<p style="text-align: right;">[21] <b>2,331,619</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01R 4/60 6H01R 9/22 6H01R 13/53</b> [25] EN [54] <b>ANTI-FLASHOVER RING FOR A BUSHING INSERT</b> [54] <b>ANNEAU ANTI-CONTOURNEMENT POUR ISOLANT DE TRAVERSEE</b> [72] JAZOWSKI, ROY, US [72] DECKER, EDWARD, US [71] HUBBELL INCORPORATED, US [85] 2000-11-08 [86] 1999-05-24 (PCT/US99/11422) [87] 1999-12-02 (WO99/62142) [30] US (09/085,801) 1998-05-27</p>	<p style="text-align: right;">[21] <b>2,331,625</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/32</b> [25] EN [54] <b>ANGULATED PHACOEMULSIFICATION NEEDLE WHOSE OUTER SURFACE CONVERGES AND INNER CHANNEL NARROWS</b> [54] <b>AIGUILLE ANGULAIRE DE PHACOEMULSIFICATION DONT LA SURFACE EXTERIEURE CONVERGE ET LE CANAL INTERNE RETRECIT</b> [72] MACKOOL, RICHARD J., US [71] MACKOOL, RICHARD J., US [85] 2000-11-08 [86] 1999-03-25 (PCT/US99/06283) [87] 1999-11-18 (WO99/58179) [30] US (09/075,615) 1998-05-11</p>
<p style="text-align: right;">[21] <b>2,331,616</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 47/10</b> [25] EN [54] <b>FLUID DISPENSING APPARATUS WITH FITMENT SPOUT AND VALVE</b> [54] <b>DISPOSITIF DE DISTRIBUTION DE FLUIDE AVEC GOULOT ET SOUPAPE ADAPTABLES</b> [72] MORRISON, ADAM P., US [71] THE TESTOR CORPORATION, US [85] 2000-11-08 [86] 1999-05-13 (PCT/US99/10724) [87] 1999-11-18 (WO99/58414) [30] US (60/085,311) 1998-05-13 [30] US (60/089,456) 1998-06-16 [30] US (09/307,626) 1999-05-07</p>	<p style="text-align: right;">[21] <b>2,331,621</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/00 6G06F 17/00 6A61K 48/00 6G01N 33/53 6C12Q 1/68</b> [25] EN [54] <b>METHODS FOR IDENTIFYING PATHWAYS OF DRUG ACTION</b> [54] <b>PROCEDES D'IDENTIFICATION DE VOIES D'ACHEMINEMENT D'UNE ACTION MEDICAMENTEUSE</b> [72] FRIEND, STEPHEN H., US [72] STOUGHTON, ROLAND, US [71] ROSETTA INPHARMATICS, INC., US [85] 2000-11-03 [86] 1999-05-07 (PCT/US99/10050) [87] 1999-11-18 (WO99/58708) [30] US (09/074,983) 1998-05-08</p>	<p style="text-align: right;">[21] <b>2,331,627</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/395 6G01N 33/53</b> [25] EN [54] <b>NON-INVASIVE METHODS TO DETECT PROSTATE CANCER</b> [54] <b>METHODES NON EFFRACTIVE POUR DETECTER LE CANCER DE LA PROSTATE</b> [72] HOLMES, ERIC H., US [72] BOYNTON, ALTON L., US [72] BARREN, ROBERT J., III, US [72] MURPHY, GERALD P., US [71] PACIFIC NORTHWEST CANCER FOUNDATION, US [85] 2000-11-03 [86] 1999-05-04 (PCT/US99/09711) [87] 1999-11-11 (WO99/56779) [30] US (09/073,213) 1998-05-04</p>

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[21] **2,331,628**  
[13] A1

[51] **Int.Cl. 6C08F 10/02 6C08F 4/646**  
[25] EN  
[54] **PROCESS FOR PRODUCING A HOMOGENEOUS POLYETHYLENE MATERIAL IN THE PRESENCE OF A CATALYST**  
[54] **PROCEDE DE PRODUCTION D'UN MATERIAU EN POLYETHYLENE HOMOGENE EN PRESENCE D'UN CATALYSEUR**  
[72] LINDROOS, JARMO, NO  
[72] NUMMILA-PAKARINEN, AULI, FI  
[72] MYHRE, OLE JAN, AT  
[72] GAROFF, THOMAS, FI  
[72] WALDVOGEL, PAIVI, FI  
[71] BOREALIS TECHNOLOGY OY, FI  
[85] 2000-11-08  
[86] 1999-05-10 (PCT/FI99/00392)  
[87] 1999-11-18 (WO99/58584)  
[30] FI (981034) 1998-05-08

[21] **2,331,630**  
[13] A1

[51] **Int.Cl. 6B09B 1/00 6E02B 13/00 6B01D 1/00**  
[25] EN  
[54] **CHEMICAL OXIDATION OF VOLATILE ORGANIC COMPOUNDS**  
[54] **OXYDATION CHIMIQUE DE COMPOSES ORGANIQUES VOLATILES**  
[72] HOAG, GEORGE EDWARD, US  
[72] CHHEDA, PRADEEP V., US  
[72] DOBBS, GREGORY M., US  
[72] WOODY, BERNARD A., US  
[71] UNIVERSITY OF CONNECTICUT, US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[85] 2000-11-03  
[86] 1999-05-04 (PCT/US99/09742)  
[87] 1999-11-11 (WO99/56894)  
[30] US (09/073,049) 1998-05-05

[21] **2,331,633**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 17/30**  
[25] EN  
[54] **MARKET RESEARCH DATABASE HAVING HISTORICAL CONTROL DESIGNATOR**  
[54] **BASE DE DONNEES POUR ETUDE DE MARCHE COMPRENANT UN INDICATIF DE CONTROLE D'HISTORIQUE**  
[72] MARTIN, JAMES CHARLES, US  
[72] JOHNSON, BARBARA ELIZABETH, US  
[72] RABOLT, KENNETH FRANCIS, US  
[72] BYRON, DANIELLE ANNE, US  
[72] HEALY, KERI ANDERSON, US  
[72] BERZKALNS, ILGA ANITA, US  
[71] A.C. NIELSEN COMPANY, US  
[85] 2000-11-03  
[86] 1998-12-18 (PCT/US98/27013)  
[87] 1999-07-01 (WO99/33013)  
[30] US (08/995,126) 1997-12-19

[21] **2,331,636**  
[13] A1

[51] **Int.Cl. 6B01D 39/16 6A47L 9/14**  
[25] EN  
[54] **VACUUM CLEANER BAG OR FILTER AND METHOD OF FILTERING A GAS**  
[54] **SAC D'ASPIRATEUR ET SAC D'ASPIRATEUR AMELIORE**  
[72] SCHULTINK, BAS, BE  
[72] SCHULTINK, JAN, BE  
[71] AIRFLO EUROPE N.V., BE  
[85] 2000-11-08  
[86] 1999-05-11 (PCT/IB99/00896)  
[87] 1999-11-18 (WO99/58041)  
[30] US (60/085,032) 1998-05-11  
[30] US (60/096,039) 1998-08-11  
[30] US (60/106,143) 1998-10-29  
[30] US (09/306,883) 1999-05-07  
[30] US (09/306,880) 1999-05-07

[21] **2,331,642**  
[13] A1

[51] **Int.Cl. 6H04N 5/225**  
[25] EN  
[54] **DEVICE FOR ROTATABLY POSITIONING A CAMERA OR SIMILAR ARTICLE ABOUT TWO ORTHOGONAL AXES**  
[54] **DISPOSITIF DE POSITIONNEMENT ROTATIF D'UNE CAMERA OU D'UN ARTICLE SIMILAIRE AUTOUR DE DEUX AXES ORTHOGONAUX**  
[72] HOVANKY, THAO D., US  
[71] POLYCOM, INC., US  
[85] 2000-11-08  
[86] 1999-05-26 (PCT/US99/11685)  
[87] 1999-12-16 (WO99/65234)  
[30] US (60/089,009) 1998-06-11  
[30] US (09/215,059) 1998-12-17

[21] **2,331,645**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **A METHOD OF CONDUCTING COMMERCE UTILIZING A QUASI-PUBLIC COMPUTER NETWORK**  
[54] **PROCEDE PERMETTANT DE REALISER DES ECHANGES COMMERCIAUX AU MOYEN D'UN RESEAU INFORMATIQUE SEMI-PUBLIC**  
[72] LEE, PATRICK, CA  
[71] LEE, PATRICK, CA  
[85] 2000-11-10  
[86] 2000-03-10 (PCT/CA00/00263)  
[87] 2000-09-14 (WO00/54190)  
[30] US (09/266,016) 1999-03-11

[21] **2,331,647**  
[13] A1

[51] **Int.Cl. 7A45C 11/00 7B65D 47/14**  
[25] EN  
[54] **APPARATUS FOR HOLDING CONTACT LENS CARE COMPOSITION AND CONTACT LENS CASE**  
[54] **APPAREIL POUR COMPOSITION D'ENTRETIEN DE LENTILLES DE CONTACT ET ETUI DE LENTILLES DE CONTACT**  
[72] VANDEN DRIES, JOHN W., US  
[72] TERWILLIGER, RODNEY J., JR., US  
[72] BEECROFT, WILLIAM GORDON, US  
[71] ALLERGAN SALES, INC., US  
[85] 2000-11-10  
[86] 1999-06-18 (PCT/US99/13588)  
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[30] US (09/267,987) 1999-03-12



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[21] **2,331,651**  
[13] A1  
[51] **Int.Cl. 6A01G 7/00 6A01H 3/00 6A01H 5/10**  
[25] EN  
[54] **A PROCESS FOR PRODUCING CORN GRAIN BY USING THREE TYPES OF GENETIC EFFECT**  
[54] **PROCEDE DE PRODUCTION DE MAIS AU MOYEN DE TROIS TYPES D'EFFETS GENETIQUES**  
[72] SONG, TONGMING, CN  
[71] CHINA AGRICULTURAL UNIVERSITY, CN  
[85] 2000-11-10  
[86] 1999-05-06 (PCT/CN99/00065)  
[87] 1999-11-18 (WO99/57960)  
[30] CN (98 1 01902.1) 1998-05-12

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[21] **2,331,655**  
[13] A1  
[51] **Int.Cl. 6A63B 31/12**  
[25] EN  
[54] **AQUADYNAMIC SWIM APPARATUS**  
[54] **APPAREIL DE NATATION AQUADYNAMIQUE**  
[72] HOPPER, WILLIAM J., US  
[71] HOPPER, WILLIAM J., US  
[85] 2000-11-10  
[86] 1998-05-12 (PCT/US98/09577)  
[87] 1999-11-18 (WO99/58206)

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[21] **2,331,658**  
[13] A1  
[51] **Int.Cl. 6B65G 15/00 6B65G 17/00**  
[25] EN  
[54] **CONVEYOR OPERATION CONTROL SYSTEM**  
[54] **SYSTEME DE REGULATION DU FONCTIONNEMENT D'UN TRANSPORTEUR**  
[72] ERNST, RONALD L., US  
[71] ALVEY SYSTEMS, INC., US  
[85] 2000-11-10  
[86] 1999-04-13 (PCT/US99/08029)  
[87] 1999-11-18 (WO99/58432)  
[30] US (09/076,178) 1998-05-11

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[21] **2,331,659**  
[13] A1  
[51] **Int.Cl. 6A23K 1/16 6A23K 3/03 6A23K 1/18**  
[25] EN  
[54] **USE OF PROTEIN CROSS-LINKING ENZYMES IN RUMINANT FEED**  
[54] **UTILISATION D'ENZYMES DE RETICULATION DE PROTEINE DANS DES ALIMENTS POUR RUMINANTS**  
[72] BEUDEKER, ROBERT FRANCISCUS, NL  
[71] DSM N.V., NL  
[85] 2000-11-10  
[86] 1999-05-14 (PCT/EP99/03356)  
[87] 1999-11-18 (WO99/57993)  
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[21] **2,331,661**  
[13] A1  
[51] **Int.Cl. 6A23L 1/30 6A23L 1/035**  
[25] EN  
[54] **USE OF 'NANOFOOD' IN FOODSTUFF FINAL PRODUCTS FOR HUMANS AND ANIMALS**  
[54] **UTILISATION DE NANO-ALIMENTS DANS DES PRODUITS FINIS ALIMENTAIRES POUR L'HOMME ET L'ANIMAL**  
[72] WEDER, MARC ANTOINE, CH  
[72] WEDER, HANS GEORG, CH  
[72] SUPERSAXO, ANDREAS, CH  
[71] VESIFACT AG, CH  
[85] 2000-11-10  
[86] 1999-05-07 (PCT/EP99/03157)  
[87] 1999-11-18 (WO99/57995)  
[30] EP (98108520.2) 1998-05-11

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[13] A1  
[51] **Int.Cl. 6H01M 8/04 6B60L 11/18**  
[25] EN  
[54] **PEM FUEL CELL SYSTEM WITH HUMIDIFICATION AND/OR COOLING WITH A LIQUID MEDIUM, AND AN OPERATING METHOD THEREFOR**  
[54] **SYSTEME DE PILE A COMBUSTIBLE A MEMBRANE POLYMER-ELECTROLYTE DOTE D'UN DISPOSITIF D'HUMIDIFICATION ET/OU DE REFROIDISSE LIQUIDE, PROCEDE D'OPERATION CORRESPONDANT**  
[72] VON HELMOLT, RITTMAR, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2000-11-10  
[86] 1999-05-03 (PCT/DE99/01293)  
[87] 1999-11-25 (WO99/60633)  
[30] DE (198 21 766.8) 1998-05-14

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[21] **2,331,666**  
[13] A1  
[51] **Int.Cl. 6G01N 27/416 6G01N 1/38**  
[25] EN  
[54] **ELECTROCHEMICAL ANALYTICAL CARTRIDGE**  
[54] **CARTOUCHE ANALYTIQUE ELECTROCHIMIQUE**  
[72] YATES, JAN B., US  
[72] COLEMAN, RONALD K., US  
[72] BOYD, DOUGLAS E., US  
[71] CARESIDE, INC., US  
[85] 2000-11-10  
[86] 1999-03-25 (PCT/US99/06287)  
[87] 1999-11-18 (WO99/58956)  
[30] US (09/079,034) 1998-05-14

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[21] **2,331,668**  
[13] A1

[51] **Int.Cl. 6A61K 7/50**  
[25] EN  
[54] **CLEAR PERSONAL CARE FORMULATIONS CONTAINING QUATERNARY AMMONIUM COMPOUNDS AND OTHER NITROGEN-CONTAINING COMPOUNDS**  
[54] **FORMULATIONS CLAIRES DE SOINS PERSONNELS CONTENANT DES COMPOSES D'AMMONIUM QUATERNAIRES ET D'AUTRES COMPOSES CONTENANT DE L'AZOTE**  
[72] DALRYMPLE, DAMON M., US  
[72] MANNING, MONNA, US  
[72] MERZ, FRANK, DE  
[71] WITCO SURFACTANTS GMBH, DE  
[71] GOLDSCHMIDT CHEMICAL CORPORATION, US  
[85] 2000-11-10  
[86] 1999-05-12 (PCT/US99/10405)  
[87] 1999-11-18 (WO99/58106)  
[30] US (09/076,655) 1998-05-12

[21] **2,331,670**  
[13] A1

[51] **Int.Cl. 7C08F 2/44 7C08G 85/00 7C08K 9/04 7C08K 3/34**  
[25] EN  
[54] **METHODS FOR THE PREPARATION OF POLYAMIDE NANOCOMPOSITE COMPOSITIONS BY IN SITU AND SOLID STATE POLYMERIZATIONS**  
[54] **PROCEDES DE PREPARATION DE COMPOSITIONS DE NANOCOMPOSITES DE POLYAMIDE PAR DES POLYMERISATIONS IN SITU ET A L'ETAT SOLIDE**  
[72] GOETTLER, LLOYD A., US  
[72] JOARDAR, SAIKAT S., US  
[72] LYSEK, BRUCE A., US  
[72] MIDDLETON, JOHN C., US  
[71] SOLUTIA INC., US  
[85] 2000-11-10  
[86] 1999-08-13 (PCT/US99/18513)  
[87] 2000-02-24 (WO00/09571)  
[30] US (60/074,639) 1998-08-13  
[30] US (PCT/US99/03097) 1999-02-12  
[30] US (09/249,054) 1999-02-12

[21] **2,331,671**  
[13] A1

[51] **Int.Cl. 6A61K 9/46**  
[25] EN  
[54] **EFFERVESCENT PREPARATIONS**  
[54] **PREPARATIONS EFFERVESCENTES**  
[72] WALTER, REINHARD, US  
[72] OHAGE, PETRA, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-11-10  
[86] 1999-05-03 (PCT/EP99/02969)  
[87] 1999-11-25 (WO99/59553)  
[30] DE (198 22 036.7) 1998-05-15

[21] **2,331,672**  
[13] A1

[51] **Int.Cl. 6A61L 31/00**  
[25] EN  
[54] **DEXTRIN-CONTAINING COMPOSITION FOR PREVENTING SURGICAL ADHESIONS**  
[54] **COMPOSITION A BASE DE DEXTRINE POUR LA PREVENTION DES ADHERENCES CHIRURGICALES**  
[72] BROWN, COLIN, GB  
[71] ML LABORATORIES PLC, GB  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/GB99/01306)  
[87] 1999-11-18 (WO99/58168)  
[30] GB (9810127.2) 1998-05-13  
[30] US (09/272,713) 1999-03-19

[21] **2,331,673**  
[13] A1

[51] **Int.Cl. 6C08L 101/00 6C09D 5/02 6C09D 201/02 6C09D 133/14**  
[25] EN  
[54] **PROTONATED AMINES FOR CONTROLLED CROSSLINKING OF LATEX POLYMERS**  
[54] **AMINES PROTONEES POUR LA RETICULATION REGULEE DE POLYMERES DE LATEX**  
[72] HELMER, BRADLEY JAMES, US  
[72] MURRAY, DAVID LOGAN, US  
[72] FOSTER, CHARLES HOWARD, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 2000-11-10  
[86] 1999-05-05 (PCT/US99/09750)  
[87] 1999-11-18 (WO99/58608)  
[30] US (09/078,924) 1998-05-14

[21] **2,331,675**  
[13] A1

[51] **Int.Cl. 6H04L 27/14 6H04L 27/22**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OBTAINING INITIAL CARRIER AND SYMBOL PHASE ESTIMATES FOR USE IN SYNCHRONIZING TRANSMITTED DATA**  
[54] **DETERMINATION D'ESTIMATIONS DE PHASE PORTEUSE ET DE PHASE SYMBOLE INITIALES UTILISEES POUR LA SYNCHRONISATION DE DONNEES EMISES ET DISPOSITIF CORRESPONDANT**  
[72] SAYEGH, SOHEIL I., US  
[71] COMSAT CORPORATION, US  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/US99/10319)  
[87] 1999-11-18 (WO99/59307)  
[30] US (09/076,762) 1998-05-13

[21] **2,331,689**  
[13] A1

[51] **Int.Cl. 6C02F 1/72**  
[25] EN  
[54] **METHOD FOR TREATING WATERS, SOILS, SEDIMENTS AND/OR SLUDGES**  
[54] **PROCEDE POUR LE TRAITEMENT D'EAUX, DE SOLS, DE SEDIMENTS ET/OU DE BOUES**  
[72] NOWICKI, STEFAN, DE  
[72] ULRICH, KAI-UWE, DE  
[72] WILLUWEIT, THOMAS, DE  
[72] JAKOBSON, GERALD, DE  
[71] SOLL, PETER, DE  
[71] WILLUWEIT, THOMAS, DE  
[85] 2000-11-06  
[86] 1999-05-12 (PCT/EP99/03253)  
[87] 1999-11-18 (WO99/58457)  
[30] DE (198 21 609.2) 1998-05-14  
[30] DE (198 51 345.3) 1998-11-06

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,331,691</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47L 9/00</b> [25] EN [54] <b>A TOOL HOLDER FOR A VACUUM CLEANER OR OTHER CLEANING APPLIANCE</b> [54] <b>PORTE-OUTIL POUR ASPIRATEUR OU AUTRE APPAREIL DE NETTOYAGE</b> [72] JUPP, SIMEON CHARLES, GB [71] DYSON APPLIANCES LIMITED, GB [85] 2000-11-06 [86] 1999-04-30 (PCT/GB99/01369) [87] 1999-11-11 (WO99/56609) [30] GB (9809837.9) 1998-05-07</p>	<p style="text-align: right;">[21] <b>2,331,698</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E02B 15/04</b> [25] EN [54] <b>WEIR SKIMMER AND FLOTATION SYSTEM</b> [54] <b>RECUPERATEUR A DEVERSOIR ET SYSTEME DE FLOTTATION</b> [72] MADDOCK, THOMAS MERLIN, GB [71] MANTIS OIL SEPARATION LIMITED, GB [85] 2000-11-06 [86] 1999-04-29 (PCT/GB99/01327) [87] 1999-11-11 (WO99/57378) [30] GB (9809526.8) 1998-05-06 [30] GB (9815950.2) 1998-07-23</p>	<p style="text-align: right;">[21] <b>2,331,703</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/28</b> [25] EN [54] <b>METHOD AND SYSTEM FOR DEVICE TO DEVICE COMMAND AND CONTROL IN A NETWORK</b> [54] <b>PROCEDE ET SYSTEME D'INSTRUCTION ET DE COMMANDE INTER-DISPOSITIFS DANS UN RESEAU</b> [72] HUMPLEMAN, RICHARD, US [72] WANG, DONGYAN, US [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2000-11-06 [86] 1999-05-07 (PCT/KR99/00222) [87] 1999-11-11 (WO99/57838) [30] US (60/084,578) 1998-05-07</p>
<p style="text-align: right;">[21] <b>2,331,694</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 7/00</b> [25] EN [54] <b>ULTRASOUND BANDAGES</b> [54] <b>BANDAGES A ULTRASONS</b> [72] TALISH, ROGER J., US [72] WINDER, ALAN A., US [71] EXOGEN, INC., US [85] 2000-11-06 [86] 1999-05-06 (PCT/US99/09875) [87] 1999-11-11 (WO99/56829) [30] US (60/084,453) 1998-05-06</p>	<p style="text-align: right;">[21] <b>2,331,701</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08B 31/18 6C08B 15/02 6C07H 7/033 6C07C 51/285</b> [25] EN [54] <b>PROCESS FOR SELECTIVE OXIDATION OF PRIMARY ALCOHOLS</b> [54] <b>PROCEDE PERMETTANT D'OXYDER SELECTIVEMENT LES ALCOOLS PRIMAIRES</b> [72] VAN DOREN, HENDRIK AREND, NL [72] BESEMER, ARIE CORNELIS, NL [72] VAN DER LUGT, JAN PIETER, NL [72] JETTEN, JAN MATTHIJS, NL [71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK, NL [85] 2000-11-06 [86] 1999-05-04 (PCT/NL99/00272) [87] 1999-11-11 (WO99/57158) [30] EP (98201495.3) 1998-05-07</p>	<p style="text-align: right;">[21] <b>2,331,705</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/28</b> [25] EN [54] <b>METHOD AND APPARATUS FOR USER AND DEVICE COMMAND AND CONTROL IN A NETWORK</b> [54] <b>PROCEDE ET APPAREIL DE COMMANDE ET DE CONTROLE D'UTILISATEUR ET D'INTERFACE DANS UN RESEAU</b> [72] HUMPLEMAN, RICHARD, US [72] WANG, DONGYAN, US [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2000-11-06 [86] 1999-05-07 (PCT/KR99/00223) [87] 1999-11-11 (WO99/57839) [30] US (60/084,578) 1998-05-07</p>
<p style="text-align: right;">[21] <b>2,331,696</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 3/02</b> [25] EN [54] <b>A PROCESS FOR TREATING FLUID STREAMS</b> [54] <b>PROCEDE DE TRAITEMENT DE COURANTS DE FLUIDE</b> [72] HOTTOVY, JOHN DOUGLAS, US [71] PHILLIPS PETROLEUM COMPANY, US [85] 2000-11-06 [86] 1999-05-14 (PCT/US99/10705) [87] 1999-12-16 (WO99/64497) [30] US (09/095,206) 1998-06-10</p>	<p style="text-align: right;">[21] <b>2,331,702</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07G 1/12 7A47F 5/00 7G06K 17/00 7G07G 1/01</b> [25] EN [54] <b>INFORMATION DISPLAY SYSTEM</b> [54] <b>SYSTEME D'AFFICHAGE D'INFORMATIONS</b> [72] MATSUSHITA, NAOHIRO, JP [71] TOSHIBA TEC KABUSHIKI KAISHA, JP [85] 2000-11-06 [86] 2000-03-13 (PCT/JP00/01496) [87] 2000-09-21 (WO00/55822) [30] JP (11/66216) 1999-03-12</p>	<p style="text-align: right;">[21] <b>2,331,706</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 3/00</b> [25] EN [54] <b>METHOD FOR SIGNALING IN A SIGNALING TRANSFER POINT</b> [54] <b>PROCEDE DE SIGNALISATION DANS UN POINT DE TRANSFERT DE SIGNALISATION</b> [72] GRADISCHNIG, KLAUS, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-11-10 [86] 1999-05-04 (PCT/EP99/03048) [87] 1999-11-18 (WO99/59349) [30] EP (98108645.7) 1998-05-12</p>

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<p style="text-align: center;">[21] <b>2,331,713</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 8/04 6B60L 11/18</b> [25] EN [54] <b>PEM FUEL CELL AND METHOD FOR OPERATING A PEM FUEL CELL SYSTEM WITH LIQUID WETTING AND/OR COOLING</b> [54] <b>PILE A COMBUSTIBLE A MEMBRANE POLYMERE-ELECTROLYTE ET PROCEDE POUR OPERER UNE PILE A COMBUSTIBLE A MEMBRANE POLYMERE-ELECTROLYTE AVEC HUMIDIFICATION ET/OU REFROIDISSEMENT LIQUIDE</b> [72] GENENGER, BERND, DE [72] VON HELMOLT, RITTMAR, DE [72] LUFT, GUNTER, DE [72] MUND, KONRAD, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-11-10 [86] 1999-05-03 (PCT/DE99/01300) [87] 1999-11-25 (WO99/60640) [30] DE (198 21 764.1) 1998-05-14</p>	<p style="text-align: center;">[21] <b>2,331,718</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60N 2/30 6B60N 2/36</b> [25] EN [54] <b>A STOWABLE AUTOMOTIVE SEAT ASSEMBLY</b> [54] <b>ENSEMBLE DE SIEGE D'AUTOMOBILE REPLIABLE</b> [72] NEALE, COLIN G., US [71] MAGNA INTERIOR SYSTEMS INC., CA [85] 2000-11-10 [86] 1999-05-28 (PCT/CA99/00499) [87] 1999-12-09 (WO99/62738) [30] US (60/087,266) 1998-05-29</p>	<p style="text-align: center;">[21] <b>2,331,723</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E02B 7/42 6E02B 8/08 6E02B 7/20</b> [25] EN [54] <b>SELF-REGULATING WEIRS AND FISHWAYS</b> [54] <b>PASSES A POISSONS ET DEVERSOIRS AUTOREGULATEURS</b> [72] TIMMS, CYRIL ANTHONY, GB [71] TIMMS, CYRIL ANTHONY, GB [85] 2000-11-10 [86] 1999-05-11 (PCT/GB99/01493) [87] 1999-11-18 (WO99/58768) [30] GB (9810192.6) 1998-05-14</p>
<p style="text-align: center;">[21] <b>2,331,715</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01F 7/08</b> [25] EN [54] <b>MAGNET ARMATURE BEARING, ESPECIALLY FOR PROPORTIONAL MAGNETS AND SWITCHING MAGNETS IN THE AREA OF HYDRAULICS AND PNEUMATICS</b> [54] <b>PALIER D'ARMATURE D'AIMANT, NOTAMMENT POUR AIMANTS PROPORTIONNELS ET AIMANTS DE COMMUTATION DANS LE DOMAINE HYDRAULIQUE OU PNEUMATIQUE</b> [72] VINCON, PETER, DE [72] KAESS, HENNING, DE [72] MUTZ, GERHARD, DE [71] ELEKTROTEILE GMBH, DE [85] 2000-11-10 [86] 1999-05-12 (PCT/EP99/03293) [87] 1999-11-18 (WO99/59169) [30] DE (198 21 741.2) 1998-05-14</p>	<p style="text-align: center;">[21] <b>2,331,721</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 1/04 6G01S 5/14</b> [25] EN [54] <b>METHOD AND APPARATUS FOR SIGNAL PROCESSING IN A SATELLITE POSITIONING SYSTEM</b> [54] <b>PROCEDE ET APPAREIL DE TRAITEMENT DES SIGNAUX DANS UN SYSTEME DE POSITIONNEMENT PAR SATELLITE</b> [72] KRASNER, NORMAN F., US [71] SNAPTRACK, INC., US [85] 2000-11-03 [86] 1999-04-13 (PCT/US99/08084) [87] 1999-11-11 (WO99/57573) [30] US (09/074,021) 1998-05-06</p>	<p style="text-align: center;">[21] <b>2,331,724</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F42B 15/10</b> [25] EN [54] <b>AN ARMOR PIERCING PROJECTILE</b> [54] <b>PROJECTILE PERFORANT</b> [72] ROTKOPF, MENACHEM, IL [71] STATE OF ISRAEL - MINISTRY OF DEFENSE RAFAEL - ARMAMENT DEVELOPMENT AUTH, IL [85] 2000-11-06 [86] 1999-03-25 (PCT/IL99/00121) [87] 2000-10-05 (WO00/58684)</p>
<p style="text-align: center;">[21] <b>2,331,722</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 25/01</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DEFLECTING A CATHETER OR LEAD</b> [54] <b>TECHNIQUE ET DISPOSITIF PERMETTANT DE DEFLECHIR UN CATHETER OU UNE DERIVATION</b> [72] BAUMANN, JAMES C., US [71] MEDTRONIC, INC., US [85] 2000-11-03 [86] 1999-04-16 (PCT/US99/08409) [87] 1999-12-09 (WO99/62585) [30] US (09/087,482) 1998-05-29</p>	<p style="text-align: center;">[21] <b>2,331,725</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07F 9/10 6A47J 37/12</b> [25] EN [54] <b>PORTIONING DEVICE FOR PORTIONING PIECES OF FOOD AND FOR TRANSFERRING FOOD INTO A HEATED COOKING AREA</b> [54] <b>DISPOSITIF DE MISE EN PORTIONS DE PRODUITS ALIMENTAIRES EN MORCEAUX ET DE TRANSFERT DESDITS PRODUITS ALIMENTAIRES DANS UNE CHAMBRE DE TRAITEMENT CHAUFFANTE</b> [72] BREITBACH, ROLF, DE [71] FRITT MASTER SYSTEM- UND BETEILIGUNGSGESELLSCHAFT MBH, DE [85] 2000-11-10 [86] 1999-04-23 (PCT/EP99/02736) [87] 1999-11-18 (WO99/59110) [30] DE (198 21 430.8) 1998-05-13</p>	

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<p style="text-align: center;">[21] <b>2,331,726</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/10 6C07H 21/00 6G01N 31/00 6C12Q 1/00 6C07H 21/02 6G06F 15/18 6C12P 19/30 6B01D 59/44 6G06F 17/50 6G01N 33/53 6G01N 33/543 6G01N 33/566 6C12Q 1/68</b></p> <p>[25] EN [54] <b>MODULATION OF MOLECULAR INTERACTION SITES ON RNA AND OTHER BIOMOLECULES</b> [54] <b>MODULATION DE SITES D'INTERACTION MOLECULAIRE SUR L'ARN ET D'AUTRES BIOMOLECULES</b></p> <p>[72] GRIFFEY, RICHARD, US [72] ECKER, DAVID J., US [72] MCNEIL, JOHN, US [72] HOFSTADLER, STEVEN, US [72] CROOKE, STANELY T., US [72] MOHAN, VENKATRAMAN, US [72] SWAYZE, ERIC, US [72] SAMPATH, RANGA, US [71] ISIS PHARMACEUTICALS, INC., US [85] 2000-11-07 [86] 1999-05-12 (PCT/US99/10361) [87] 1999-11-18 (WO99/58947) [30] US (60/085,092) 1998-05-12 [30] US (09/076,404) 1998-05-12</p>	<p style="text-align: center;">[21] <b>2,331,728</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B25B 1/06 7F15B 21/06 7B25B 1/18</b></p> <p>[25] EN [54] <b>ELECTRICALLY OPERATED VISE</b> [54] <b>ETAU A COMMANDE ELECTRIQUE</b></p> <p>[72] SCHNEIDER, EDWARD T., US [71] TCAM TECHNOLOGIES, INC., US [85] 2000-11-10 [86] 1999-09-07 (PCT/US99/20406) [87] 2000-03-16 (WO00/13855) [30] US (60/099,441) 1998-09-08 [30] US (09/383,834) 1999-08-26</p>	<p style="text-align: center;">[21] <b>2,331,731</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B27L 11/00</b></p> <p>[25] EN [54] <b>A METHOD FOR CHIPPING OF WOOD AND A DISC CHIPPER</b> [54] <b>PROCEDE PERMETTANT DE METTRE EN COPEAUX LE BOIS ET DECHIQUETEUSE A DISQUE</b></p> <p>[72] JONKKA, ARVO, FI [71] VALMET WOODHANDLING OY, FI [85] 2000-11-03 [86] 1999-05-05 (PCT/FI99/00376) [87] 1999-11-18 (WO99/58310) [30] FI (981033) 1998-05-08</p>
<p style="text-align: center;">[21] <b>2,331,727</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02J 13/00</b></p> <p>[25] EN [54] <b>METHOD FOR PRODUCING TIME-VARYING ELECTRICITY</b> [54] <b>PROCEDE DE PRODUCTION D'ELECTRICITE A VARIATION TEMPORELLE</b></p> <p>[72] ALIEV, NARIMAN OKTAI-OGLY, RU [72] GVOZDEV, IGOR EVGENIEVICH, RU [72] MAXIMCHENKO, VLADIMIR ALEXEEVICH, RU [71] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTIJU 'DEMP BEK', RU [85] 2000-11-10 [86] 2000-03-13 (PCT/RU00/00080) [87] 2000-09-14 (WO00/54389) [30] RU (99104999) 1999-03-11</p>	<p style="text-align: center;">[21] <b>2,331,729</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23K 20/10 6B06B 3/00</b></p> <p>[25] EN [54] <b>NON-NODAL MOUNTING SYSTEM FOR ACOUSTIC HORN</b> [54] <b>SYSTEME D'ASSEMBLAGE NON NODAL POUR PAVILLON ACOUSTIQUE</b></p> <p>[72] MLINAR, JOHN R., US [72] OBLAK, DONALD S., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2000-11-03 [86] 1999-05-05 (PCT/US99/09821) [87] 1999-11-25 (WO99/59760) [30] US (09/079,609) 1998-05-15</p>	<p style="text-align: center;">[21] <b>2,331,732</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 10/00</b></p> <p>[25] EN [54] <b>COMPONENTS AND CATALYSTS FOR THE POLYMERIZATION OF OLEFINS</b> [54] <b>COMPOSANTS ET CATALYSEURS POUR LA POLYMERISATION D'OLEFINES</b></p> <p>[72] BALBONTIN, GIULIO, IT [72] MORINI, GIAMPIERO, IT [71] BASELL TECHNOLOGY COMPANY B.V., NL [85] 2000-11-06 [86] 2000-03-08 (PCT/EP00/02047) [87] 2000-09-21 (WO00/55215) [30] EP (99200767.4) 1999-03-15</p>
<p style="text-align: center;">[21] <b>2,331,730</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F26B 13/10 6F26B 3/20</b></p> <p>[25] EN [54] <b>GAP DRYING WITH INSULATION LAYER BETWEEN SUBSTRATE AND HEATED PLATEN</b> [54] <b>SECHAGE EN INTERVALLE AVEC COUCHE D'ISOLATION ENTRE SUBSTRAT ET PLATINE CHAUDE</b></p> <p>[72] YAPPEL, ROBERT A., US [72] HUELSMAN, GARY L., US [72] KOLB, WILLIAM B., US [72] MILBOURN, THOMAS W., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2000-11-03 [86] 1999-05-12 (PCT/US99/10400) [87] 1999-11-25 (WO99/60319) [30] US (09/080,914) 1998-05-18</p>	<p style="text-align: center;">[21] <b>2,331,733</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 27/414</b></p> <p>[25] EN [54] <b>SENSOR PACKAGING HAVING AN INTEGRAL ELECTRODE PLUG MEMBER</b> [54] <b>CONDITIONNEMENT DE CAPTEUR AYANT UN ELEMENT D'ELECTRODE FICHE D'UNE SEULE PIECE</b></p> <p>[72] AHMAD, FARID, US [71] HONEYWELL INC., US [85] 2000-11-06 [86] 1999-04-30 (PCT/US99/09500) [87] 1999-11-11 (WO99/57552) [30] US (09/074,304) 1998-05-06</p>	

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[21] **2,331,734**  
[13] A1

[51] **Int.Cl. 6C22B 7/00 6C22B 3/00**  
[25] EN  
[54] **METHOD FOR PROCESSING RESIDUES CONTAINING AT LEAST ONE NON-FERROUS METAL AND/OR COMPOUNDS THEREOF**  
[54] **PROCEDE PERMETTANT DE PREPARER AU MOINS UN METAL NON FERREUX ET/OU DES DECHETS CONTENANT SES COMPOSES**  
[72] ZAPFEL, WILHELM HANS, AT  
[72] SIEBENHOFER, MATTHAEUS, AT  
[72] LUTTENBERGER, HERTHA, AT  
[71] ZAPFEL, WILHELM HANS, AT  
[71] SIEBENHOFER, MATTHAEUS, AT  
[71] LUTTENBERGER, HERTHA, AT  
[85] 2000-11-03  
[86] 1999-05-20 (PCT/AT99/00127)  
[87] 1999-11-25 (WO99/60176)  
[30] AT (A 874/98) 1998-05-20

[21] **2,331,735**  
[13] A1

[51] **Int.Cl. 6C07D 471/04 6C07D 221/00 6A61K 31/44**  
[25] EN  
[54] **PHENYLUREA AND PHENYLTHIO UREA DERIVATIVES**  
[54] **DERIVES DE PHENYLUREE ET DE (PHENYLTHIO)UREE**  
[72] JOHNS, AMANDA, GB  
[72] PORTER, RODERICK ALAN, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2000-11-06  
[86] 1999-05-04 (PCT/EP99/03100)  
[87] 1999-11-18 (WO99/58533)  
[30] GB (9809972.4) 1998-05-08  
[30] GB (9809988.0) 1998-05-08  
[30] GB (9903268.2) 1999-02-12

[21] **2,331,736**  
[13] A1

[51] **Int.Cl. 6A01K 63/00 6A01K 29/00**  
[25] EN  
[54] **ICE PROTECTION DEVICE FOR PONDS**  
[54] **DISPOSITIF ANTI-GLACE POUR ETANGS**  
[72] MYALL, JOHN EDWIN, GB  
[71] MYALL, JOHN EDWIN, GB  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/GB99/01519)  
[87] 1999-11-18 (WO99/57970)  
[30] GB (9810132.2) 1998-05-13

[21] **2,331,737**  
[13] A1

[51] **Int.Cl. 7A61K 31/513 7A61P 3/00 7A61P 43/00 7C07D 403/06 7A61P 1/08**  
[25] EN  
[54] **AGENTS FOR RELIEVING SIDE EFFECTS**  
[54] **AGENTS ATTENUANT LES EFFETS SECONDAIRES**  
[72] SUZUKI, NORIHIKO, JP  
[72] YAMAMOTO, NORIYUKI, JP  
[72] FUKUSHIMA, MASAKAZU, JP  
[71] TAIHO PHARMACEUTICAL CO., LTD., JP  
[85] 2000-11-06  
[86] 2000-03-16 (PCT/JP00/01607)  
[87] 2000-09-28 (WO00/56337)  
[30] JP (11/77579) 1999-03-23

[21] **2,331,738**  
[13] A1

[51] **Int.Cl. 6C07K 16/00 6A61K 39/395**  
[25] EN  
[54] **ORAL ADMINISTRATION OF IMMUNOGLOBULINS FOR TREATING AUTOIMMUNE HEARING LOSS**  
[54] **ADMINISTRATION ORALE D'IMMUNOGLOBULINES PERMETTANT DE TRAITER LA PERTE D'AUDITION AUTO-IMMUNE**  
[72] WEISBART, RICHARD H., US  
[71] RESEARCH CORPORATION TECHNOLOGIES, INC., US  
[85] 2000-11-06  
[86] 1999-05-07 (PCT/US99/10202)  
[87] 1999-11-11 (WO99/57152)  
[30] US (60/084,530) 1998-05-07

[21] **2,331,739**  
[13] A1

[51] **Int.Cl. 6G02B 6/44 6G01D 5/353 6G02B 6/36**  
[25] EN  
[54] **CREEP-RESISTANT OPTICAL FIBER ATTACHMENT**  
[54] **FIXATION DE FIBRE OPTIQUE RESISTANT AU FLUAGE**  
[72] FERNALD, MARK R., US  
[72] DAIGLE, GUY A., US  
[72] MARON, ROBERT J., US  
[72] ENGEL, THOMAS W., US  
[72] GRUNBECK, JOHN J., US  
[72] DUNPHY, JAMES R., US  
[72] HELM, CHARLES W., US  
[71] CIDRA CORPORATION, US  
[85] 2000-11-06  
[86] 1999-05-06 (PCT/US99/10109)  
[87] 1999-11-11 (WO99/57589)  
[30] US (09/073,701) 1998-05-06

[21] **2,331,741**  
[13] A1

[51] **Int.Cl. 6A21D 8/04 6A21D 2/26**  
[25] EN  
[54] **METHODS FOR USING DEHYDROGENASES IN BAKING**  
[54] **PROCEDE D'UTILISATION DE DESHYDROGENASES EN BOULANGERIE**  
[72] XU, FENG, US  
[72] WAGNER, PETER, DK  
[71] NOVO NORDISK A/S, DK  
[71] NOVO NORDISK BIOTECH, INC., US  
[85] 2000-11-06  
[86] 1999-05-13 (PCT/US99/10582)  
[87] 1999-11-18 (WO99/57986)  
[30] US (09/078,183) 1998-05-13

[21] **2,331,742**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G01N 33/48**  
[25] EN  
[54] **METHODS FOR QUANTITATING LOW LEVEL MODIFICATIONS OF NUCLEOTIDE SEQUENCES**  
[54] **PROCEDES SERVANT A QUANTIFIER DE BAS NIVEAUX DE MODIFICATIONS DE SEQUENCES DE NUCLEOTIDES**  
[72] LE, XIAO-CHUN, CA  
[72] XING, JAMES Z., CA  
[72] WEINFELD, MICHAEL, CA  
[71] LE, XIAO-CHUN, CA  
[71] XING, JAMES Z., CA  
[71] WEINFELD, MICHAEL, CA  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/CA99/00444)  
[87] 1999-11-18 (WO99/58971)  
[30] US (09/078,347) 1998-05-13

[21] **2,331,743**  
[13] A1

[51] **Int.Cl. 7H04N 7/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR UNIVERSALLY ACCESSIBLE COMMAND AND CONTROL INFORMATION IN A NETWORK**  
[54] **PROCEDE ET APPAREIL POUR INFORMATIONS DE COMMANDE ET DE CONTROLE A ACCES UNIVERSEL DANS UN RESEAU**  
[72] WANG, DONGYAN, US  
[72] HUMPLEMAN, RICHARD, US  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-11-06  
[86] 1999-05-07 (PCT/KR99/00221)  
[87] 1999-11-11 (WO99/57837)  
[30] US (60/084,578) 1998-05-07

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[21] **2,331,745**  
[13] A1

[51] **Int.Cl. 6A61N 5/06**  
[25] EN  
[54] **SELECTIVE PHOTOTHERMOLYSIS OF THE SKIN**  
[54] **PHOTOTHERMOLYSE SELECTIVE DE LA PEAU**  
[72] AZAR, ZION, IL  
[71] RADIANCY, INC., US  
[85] 2000-11-06  
[86] 1999-04-20 (PCT/IL99/00210)  
[87] 1999-11-18 (WO99/58195)  
[30] US (09/076,098) 1998-05-12

[21] **2,331,751**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **METHOD OF DETECTING AND INHIBITING MOBILE STATION HANDOFF OSCILLATIONS IN A CELLULAR TELECOMMUNICATIONS NETWORK**  
[54] **PROCEDE DE DETECTION ET D'INHIBITION DES OSCILLATIONS DE TRANSFERT DE STATION MOBILE DANS UN RESEAU DE TELECOMMUNICATIONS CELLULAIRE**  
[72] CUFFARO, ANGELO, CA  
[72] IZADY, MAHSHID, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-03  
[86] 1999-04-27 (PCT/SE99/00681)  
[87] 1999-11-11 (WO99/57933)  
[30] US (09/072,937) 1998-05-05

[21] **2,331,752**  
[13] A1

[51] **Int.Cl. 6E03C 1/298 6E03D 13/00**  
[25] EN  
[54] **STENCH TRAP FOR A URINAL**  
[54] **SIPHON POUR URINOIR**  
[72] KELLER, HANS, CH  
[71] KELLER, HANS, CH  
[85] 2000-11-03  
[86] 1998-12-30 (PCT/CH98/00565)  
[87] 1999-11-11 (WO99/57382)  
[30] CH (1001/98) 1998-05-05

[21] **2,331,754**  
[13] A1

[51] **Int.Cl. 6G05B 1/03**  
[25] EN  
[54] **METHODS OF DETERMINING PROTEIN ACTIVITY LEVELS USING GENE EXPRESSION PROFILES**  
[54] **PROCEDES POUR DETERMINER DES NIVEAUX D'ACTIVITE D'UNE PROTEINE AU MOYEN DE PROFILS D'EXPRESSION GENETIQUE**  
[72] STOUGHTON, ROLAND, US  
[72] FRIEND, STEPHEN H., US  
[71] ROSETTA INPHARMATICS, INC., US  
[85] 2000-11-03  
[86] 1999-05-07 (PCT/US99/10027)  
[87] 1999-11-18 (WO99/59037)  
[30] US (60/084,742) 1998-05-08  
[30] US (60/090,046) 1998-06-19

[21] **2,331,766**  
[13] A1

[51] **Int.Cl. 6B65D 85/50**  
[25] EN  
[54] **PACKAGING FOR CUT FLOWERS**  
[54] **EMBALLAGE POUR FLEURS COUPEES**  
[72] DE PAGTER, JANUS ADRIAAN WILLEM, NL  
[72] HELSLOOT, JOANNES CAROLUS ANTONIUS, NL  
[71] PAGTER & PARTNERS INTERNATIONAL B.V., NL  
[85] 2000-11-06  
[86] 1999-05-06 (PCT/NL99/00273)  
[87] 1999-11-11 (WO99/57040)  
[30] NL (1009100) 1998-05-07

[21] **2,331,769**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 14/47 6C12Q 1/68**  
[25] EN  
[54] **PROSTATE CANCER-ASSOCIATED GENES**  
[54] **GENES ASSOCIES AU CANCER DE LA PROSTATE**  
[72] KLINGLER, TOD M., US  
[72] VOLKMUTH, WAYNE, US  
[72] WALKER, MICHAEL G., US  
[72] SPRINZAK, EINAT A., IL  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-12-20  
[86] 1999-06-15 (PCT/US99/13524)  
[87] 1999-12-29 (WO99/67384)  
[30] US (09/102,615) 1998-06-22

[21] **2,331,772**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6C07K 14/805**  
[25] EN  
[54] **NON-SYMBIOTIC PLANT HEMOGLOBINS TO MAINTAIN CELL ENERGY STATUS**  
[54] **HEMOGLOBINES DE PLANTES NON-SYMBIOTIQUES DESTINEES A MAINTENIR UN ETAT D'ENERGIE DANS DES CELLULES**  
[72] DUFF, STEPHEN, CA  
[72] GUY, PHILLIP, CA  
[72] XIANZHOU, NIE, CA  
[72] HILL, ROBERT, CA  
[72] SOWA, ALEKSANDER, CA  
[72] DURNIN, DOUGLAS, CA  
[71] THE UNIVERSITY OF MANITOBA, CA  
[85] 2000-12-21  
[86] 1999-06-24 (PCT/CA99/00587)  
[87] 2000-01-06 (WO00/00597)  
[30] US (60/090,929) 1998-06-26  
[30] US (60/106,638) 1998-11-02

[21] **2,331,774**  
[13] A1

[51] **Int.Cl. 7C12N 15/67 7A01H 5/00 7C12N 5/10 7C12N 15/82 7C12N 15/85**  
[25] EN  
[54] **INDUCIBLE PROMOTERS**  
[54] **PROMOTEURS INDUCTIBLES**  
[72] FENOLL-COMES, CARMEN, ES  
[72] MUNOZ-MARTIN, MARIA DE LOS ANGELES, ES  
[71] PLANT BIOSCIENCE LIMITED, GB  
[85] 2000-12-15  
[86] 1999-07-01 (PCT/GB99/02097)  
[87] 2000-01-13 (WO00/01832)  
[30] GB (9814315.9) 1998-07-02

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[21] **2,331,776**  
[13] A1  
[51] **Int.Cl. 6C12N 5/00 6C12N 5/06 6C07K 14/71**  
[25] EN  
[54] **MEDIA AND METHODS FOR EXPANSION OF ERYTHROID STEM CELLS FOR THE PRODUCTION OF HEMOGLOBIN**  
[54] **CULTURE EFFICACE DE CELLULES SOUCHES PERMETTANT LA PRODUCTION D'HEMOGLOBINE**  
[72] MUELLER, SUSAN G., CA  
[72] MATTHEWS, KATHRYN EMMA, CA  
[72] BELL, DAVID, CA  
[71] HEMOSOL INC., CA  
[85] 2000-12-19  
[86] 1999-06-25 (PCT/CA99/00606)  
[87] 1999-12-29 (WO99/67360)  
[30] CA (2,241,576) 1998-06-25  
[30] CA (2,260,332) 1999-01-25

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[13] A1  
[51] **Int.Cl. 7C12N 15/10 7C12N 9/08 7C12N 15/53 7C12N 15/67 7C12N 15/70 7C12N 15/81**  
[25] EN  
[54] **EXPRESSION OF FUNCTIONAL EUKARYOTIC PROTEINS**  
[54] **EXPRESSION DE PROTEINES EUCARYOTES FONCTIONNELLES**  
[72] LIN, ZHANGLIN, US  
[72] ARNOLD, FRANCES H., US  
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US  
[85] 2000-12-21  
[86] 1999-07-28 (PCT/US99/17127)  
[87] 2000-02-10 (WO00/06718)  
[30] US (60/094,403) 1998-07-28  
[30] US (09/247,232) 1999-02-09

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[13] A1  
[51] **Int.Cl. 6C12N 15/11 6A01K 67/00 6A61K 38/00 6A61K 48/00 6C07H 21/04 6C12N 15/63 6C12N 15/85**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR MODULATING SPERMATOGENESIS**  
[54] **TECHNIQUES ET COMPOSITIONS PERMETTANT DE MODULER LA SPERMATOGENESE**  
[72] FLICKINGER, CHARLES J., US  
[72] REDDI, PRABHAKARA P., US  
[72] HERR, JOHN C., US  
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US  
[85] 2000-12-21  
[86] 1999-06-25 (PCT/US99/14275)  
[87] 2000-01-06 (WO00/00604)  
[30] US (60/090,942) 1998-06-26  
[30] US (60/122,142) 1999-02-26

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[21] **2,331,780**  
[13] A1  
[51] **Int.Cl. 6C12N 15/31 6C07K 14/00 6C07H 21/04 6C12P 19/34 6C12Q 1/68**  
[25] EN  
[54] **SPECIES-SPECIFIC GENETIC IDENTIFICATION OF MYCOBACTERIUM PARATUBERCULOSIS**  
[54] **IDENTIFICATION GENETIQUE SPECIFIQUE AU GENRE POUR LE MYCOBACTERIUM PARATUBERCULOSIS**  
[72] STABEL, JUDITH R., US  
[72] ELLINGSON, JAY L. E., US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICUL, US  
[85] 2000-12-22  
[86] 1999-06-29 (PCT/US99/14719)  
[87] 2000-01-06 (WO00/00505)  
[30] US (09/108,051) 1998-06-30

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[13] A1  
[51] **Int.Cl. 6C12N 15/54 6A61K 48/00 6C12N 9/10 6C12N 15/11 6C07K 16/40 6C12Q 1/48 6G01N 33/566**  
[25] EN  
[54] **DE NOVO DNA CYTOSINE METHYLTRANSFERASE GENES, POLYPEPTIDES AND USES THEREOF**  
[54] **GENES A CYTOSINE METHYLTRANSFERASE D'ADN ADVENTIF, POLYPEPTIDES ET LEUR UTILISATION**  
[72] XIE, SHAOPING, US  
[72] OKANO, MASAKI, US  
[72] LI, EN, US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[85] 2000-12-21  
[86] 1999-06-25 (PCT/US99/14373)  
[87] 1999-12-29 (WO99/67397)  
[30] US (60/090,906) 1998-06-25  
[30] US (60/093,993) 1998-07-24

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[21] **2,331,784**  
[13] A1  
[51] **Int.Cl. 6F16L 47/02 6B29C 65/00**  
[25] EN  
[54] **COUPLING SLEEVE FOR HIGH-PRESSURE PIPE**  
[54] **MANCHON DE RACCORDEMENT POUR TUBE HAUTE PRESSION**  
[72] GUITONEAU, HANS EDWARD, NL  
[72] DALMOLEN, LAMBERTUS GERRIT, NL  
[71] PIPELIFE NEDERLAND B.V., NL  
[85] 2000-11-06  
[86] 1999-05-17 (PCT/NL99/00301)  
[87] 1999-11-18 (WO99/58894)  
[30] NL (1009169) 1998-05-14

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[13] A1  
[51] **Int.Cl. 6C08F 293/00 6C08F 295/00 6C08F 297/00 6C08F 265/06 6C08F 212/08 6C08F 212/36**  
[25] EN  
[54] **PROCESS FOR MICROGEL PREPARATION**  
[54] **PROCEDE DE PREPARATION DE MICROGEL**  
[72] SOLOMON, DAVID HENRY, AU  
[72] ABROL, SIMMI, AU  
[72] QIAO, GREG GUANGHUA, AU  
[71] THE UNIVERSITY OF MELBOURNE, AU  
[85] 2000-11-06  
[86] 1999-05-07 (PCT/AU99/00345)  
[87] 1999-11-18 (WO99/58588)  
[30] AU (PP 3372) 1998-05-07

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## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,331,786</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/10 6G01N 33/53 6C12Q 1/68</b> [25] EN [54] <b>EXHAUSTIVE ANALYSIS OF VIRAL PROTEIN INTERACTIONS BY TWO-HYBRID SCREENS AND SELECTION OF CORRECTLY FOLDED VIRAL INTERACTING POLYPEPTIDES</b> [54] <b>ANALYSE EXHAUSTIVE D'INTERACTIONS DE PROTEINES VIRALES AU MOYEN D'UN CRIBLAGE A DEUX HYBRIDES ET SELECTION DE POLYPEPTIDES A INTERACTION VIRALE CORRECTEMENT PLIES</b> [72] ROTONDO, GIUSEPPE, IT [72] TRANSY, CATHERINE, FR [72] FLAJOLET, MARC, FR [72] INCHAUSPE, GENEVIEVE, FR [72] LEGRAIN, PIERRE, FR [71] INSTITUT PASTEUR, FR [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR [85] 2000-12-22 [86] 1999-06-25 (PCT/IB99/01256) [87] 1999-12-29 (WO99/67376) [30] US (60/090,894) 1998-06-25</p>	<p style="text-align: right;">[21] <b>2,331,788</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68</b> [25] EN [54] <b>POLYMERASE SIGNALING ASSAY</b> [54] <b>DOSAGE DE SIGNALISATION DE LA POLYMERASE</b> [72] HEAD, STEVEN R., US [72] ADDELSTON, MIRIAM B., US [72] BOYCE-JACINO, MICHAEL T., US [71] ORCHID BIOSCIENCES, INC., US [85] 2000-12-15 [86] 1999-06-15 (PCT/US99/13430) [87] 1999-12-23 (WO99/66076) [30] US (09/097,791) 1998-06-16</p>	<p style="text-align: right;">[21] <b>2,331,791</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/12 6C07D 207/16 6A61K 31/44 6C07D 213/82</b> [25] EN [54] <b>AROMATIC AMINE DERIVATIVES AS PHARMACEUTICAL AGENTS</b> [54] <b>DERIVES D'AMINES AROMATIQUES COMME AGENTS PHARMACEUTIQUES</b> [72] HEAD, JOHN CLIFFORD, GB [72] WARRELOW, GRAHAM JOHN, GB [72] ARCHIBALD, SARAH CATHERINE, GB [72] PORTER, JOHN ROBERT, GB [71] CELLTECH THERAPEUTICS LIMITED, GB [85] 2000-11-10 [86] 1999-06-03 (PCT/GB99/01741) [87] 1999-12-09 (WO99/62901) [30] GB (9811969.6) 1998-06-03</p>
<p style="text-align: right;">[21] <b>2,331,787</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/53 7G01N 21/76</b> [25] EN [54] <b>ENUMERATION METHOD OF ANALYTE DETECTION</b> [54] <b>DETECTION D'ANALYTE SELON UN PROCEDE DE NUMERATION</b> [72] ROBINSON, MARYBETH, US [72] STARZL, TIMOTHY W., US [72] CLARK, SCOTT, US [71] DDX, INC., US [85] 2000-11-10 [86] 1999-05-13 (PCT/US99/10917) [87] 1999-11-18 (WO99/58948) [30] US (60/085,259) 1998-05-13</p>	<p style="text-align: right;">[21] <b>2,331,789</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 47/48 7A61K 49/00 7A61K 49/04 7A61K 51/10</b> [25] EN [54] <b>CANCER TREATMENT METHODS USING THERAPEUTIC CONJUGATES THAT BIND TO AMINOPHOSPHOLIPIDS</b> [54] <b>PROCEDES DE TRAITEMENT DU CANCER METTANT EN APPLICATION DES CONJUGES THERAPEUTIQUES SE FIXANT A DES AMINOPHOSPHOLIPIDES</b> [72] THORPE, PHILIP E., US [72] RAN, SOPHIA, US [71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US [85] 2000-12-19 [86] 1999-07-12 (PCT/US99/15668) [87] 2000-01-20 (WO00/02587) [30] US (60/092,589) 1998-07-13 [30] US (60/110,600) 1998-12-02</p>	<p style="text-align: right;">[21] <b>2,331,792</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F41H 1/02</b> [25] EN [54] <b>IMPROVED FABRIC ARMOR</b> [54] <b>STRUCTURE PARE-BALLES AMELIOREE EN TISSU</b> [72] LYONS, FIELDER STANTON, US [71] SIMULA, INC., US [85] 2000-11-06 [86] 2000-03-09 (PCT/US00/05999) [87] 2000-09-21 (WO00/55565) [30] US (60/124,315) 1999-03-12</p>
<p style="text-align: right;">[21] <b>2,331,790</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 59/24 7H01L 21/56</b> [25] EN [54] <b>REWORKABLE THERMOSETTING RESIN COMPOSITIONS</b> [54] <b>COMPOSITIONS DE RESINE THERMODURCISSABLES REMANIABLES</b> [72] KONARSKI, MARK M., US [72] CRANE, LAWRENCE N., US [72] TORRES-FILHO, AFRANIO, US [72] SZCZEPANIAK, ZBIGNIEW A., US [71] LOCTITE CORPORATION, US [85] 2000-11-10 [86] 2000-03-22 (PCT/US00/07452) [87] 2000-09-28 (WO00/56799) [30] US (09/274,943) 1999-03-23</p>	<p style="text-align: right;">[21] <b>2,331,798</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E06B 5/16 6B66B 13/30</b> [25] EN [54] <b>FIREPROOFING FOR AN ELEVATOR LANDING DOOR</b> [54] <b>IGNIFUGATION D'UNE PORTE PALIERE D'ASCENSEUR</b> [72] KETONEN, ARI, FI [71] KONE CORPORATION, FI [85] 2000-11-10 [86] 1999-05-12 (PCT/FI99/00408) [87] 1999-11-18 (WO99/58803) [30] FI (981081) 1998-05-14</p>	

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[21] **2,331,807**  
[13] A1

[51] **Int.Cl. 6B65D 1/02 6B65D 21/02 6B65D 23/10**  
[25] EN  
[54] **HOUSEHOLD PRODUCT PACKAGE**  
[54] **EMBALLAGE POUR PRODUIT MENAGER**  
[72] SCHWAIKERT, WILLIAM E., US  
[71] FIRST PREFERENCE PRODUCTS CORPORATION, US  
[85] 2000-11-06  
[86] 1999-05-06 (PCT/US99/09790)  
[87] 1999-11-18 (WO99/58405)  
[30] US (60/084,733) 1998-05-08  
[30] US (60/090,697) 1998-06-24  
[30] US (60/092,122) 1998-07-09

[21] **2,331,810**  
[13] A1

[51] **Int.Cl. 6C07K 5/075 6C07K 1/02**  
[25] EN  
[54] **NOVEL ASPARTAME DERIVATIVE CRYSTAL AND PROCESS FOR PRODUCING THE SAME**  
[54] **NOUVEAU CRISTAL DE DERIVE D'ASPARTAME ET SON PROCEDE DE FABRICATION**  
[72] NAGAI, TAKESHI, JP  
[72] ISHIDA, HIROTOSHI, JP  
[72] KISHISHITA, AKIHIRO, JP  
[72] NAGASHIMA, KAZUTAKA, JP  
[71] AJINOMOTO CO., INC., JP  
[85] 2000-11-06  
[86] 1999-04-26 (PCT/JP99/02200)  
[87] 1999-11-18 (WO99/58554)  
[30] JP (10/125992) 1998-05-08

[21] **2,331,812**  
[13] A1

[51] **Int.Cl. 6A61K 51/12**  
[25] EN  
[54] **13C GLUCOSE BREATH TEST FOR THE DIAGNOSIS OF DIABETES**  
[54] **TEST RESPIRATOIRE AU GLUCOSE 13C POUR LE DIAGNOSTIC DE SIGNES DE DIABETE ET LA SURVEILLANCE DE LA GLYCEMIE**  
[72] LEWANCZUK, RICHARD, CA  
[72] ASPESLET, LAUNA J., CA  
[72] YATSCOFF, RANDALL W., CA  
[72] FOSTER, ROBERT T., CA  
[71] ISOTECH-NIKA, INC., CA  
[85] 2000-11-06  
[86] 1999-05-06 (PCT/IB99/00933)  
[87] 1999-11-11 (WO99/56790)  
[30] US (60/084,482) 1998-05-06

[21] **2,331,813**  
[13] A1

[51] **Int.Cl. 6H05K 1/14 6H01M 2/10**  
[25] EN  
[54] **CIRCUIT BOARD OF PROTECTIVE CIRCUIT FOR STORAGE BATTERY, PROTECTIVE CIRCUIT FOR STORAGE BATTERY, AND STORAGE BATTERY PACK**  
[54] **CARTE POUR CIRCUIT DE PROTECTION D'UNE BATTERIE D'ACCUMULATEURS, CIRCUIT DE PROTECTION D'UNE BATTERIE D'ACCUMULATEURS ET BLOC-BATTERIE D'ACCUMULATEURS**  
[72] NAKAMURA, SATOSHI, JP  
[71] ROHM CO., LTD., JP  
[85] 2000-11-06  
[86] 1999-05-13 (PCT/JP99/02483)  
[87] 1999-12-02 (WO99/62309)  
[30] JP (10/147786) 1998-05-28

[21] **2,331,814**  
[13] A1

[51] **Int.Cl. 6B29C 44/12 6B29C 33/00 6B60R 13/02 6B29C 33/14**  
[25] EN  
[54] **METHOD FOR EMBEDDING FASTENING ELEMENTS IN PLASTIC ARTICLES**  
[54] **PROCEDE PERMETTANT D'ENCASTRER DES ELEMENTS DE FIXATION DANS DES ARTICLES EN PLASTIQUE**  
[72] ARETZ, PETER J., US  
[71] BUFFALO MOLDED PLASTICS, INC., US  
[85] 2000-11-06  
[86] 1999-05-04 (PCT/US99/09707)  
[87] 1999-11-11 (WO99/56932)  
[30] US (09/072,533) 1998-05-04

[21] **2,331,815**  
[13] A1

[51] **Int.Cl. 6G06F 17/27**  
[25] EN  
[54] **SYSTEM FOR CREATING A DICTIONARY**  
[54] **SYSTEME PERMETTANT DE CREER UN DICTIONNAIRE**  
[72] PENTHEROUDAKIS, JOSEPH E., US  
[71] MICROSOFT CORPORATION, US  
[85] 2000-11-10  
[86] 1999-05-12 (PCT/US99/10402)  
[87] 1999-11-18 (WO99/59082)  
[30] US (09/076,163) 1998-05-12

[21] **2,331,816**  
[13] A1

[51] **Int.Cl. 6C07D 261/04 6C07D 413/10 6C07C 319/14 6C07C 251/40**  
[25] EN  
[54] **METHOD FOR PRODUCING ISOXAZOLINE-3-YL-ACYL BENZENE**  
[54] **PROCEDE DE PREPARATION DE ISOXAZOLINE-3-YLE-ACYLBENZOLENE**  
[72] MISSLITZ, ULF, DE  
[72] BAUMANN, ERNST, DE  
[72] RACK, MICHAEL, DE  
[72] GOTZ, NORBERT, DE  
[72] HAGEN, HELMUT, DE  
[72] LOCHTMAN, RENE, DE  
[72] VON DEYNT, WOLFGANG, DE  
[72] GEBHARDT, JOACHIM, DE  
[72] RHEINHEIMER, JOACHIM, DE  
[72] KEIL, MICHAEL, DE  
[72] WITSCHERL, MATTHIAS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-11-06  
[86] 1999-05-04 (PCT/EP99/03006)  
[87] 1999-11-18 (WO99/58509)  
[30] DE (198 20 722.0) 1998-05-11  
[30] DE (198 52 095.6) 1998-11-12

[21] **2,331,817**  
[13] A1

[51] **Int.Cl. 6C07C 29/149 6C07C 67/03 6C07C 31/20 6C07C 69/44 6C07C 51/47 6C07C 67/56**  
[25] EN  
[54] **METHOD FOR PRODUCING HEXANEDIOL-1,6**  
[54] **PROCEDE DE PREPARATION D'HEXANEDIOL-1,6**  
[72] KRUG, THOMAS, DE  
[72] GALL, MARTIN, DE  
[72] IFFLAND, GABRIELE, DE  
[72] STEIN, FRANK, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-11-06  
[86] 1999-05-10 (PCT/EP99/03193)  
[87] 1999-12-09 (WO99/62852)  
[30] DE (198 26 614.6) 1998-05-29

## PCT Applications Entering the National Phase

<p>[21] <b>2,331,818</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 11/04</b> [25] EN [54] <b>MAGNETIC FIELD BASED POWER TRANSMISSION LINE COMMUNICATION METHOD AND SYSTEM</b> [54] <b>PROCEDE ET SYSTEME DE COMMUNICATION PAR LIGNE DE TRANSMISSION ELECTRIQUE UTILISANT DES CHAMPS MAGNETIQUES</b> [72] STEWART, WILLIAM L., US [71] MEDIA FUSION CORP., US [85] 2000-11-06 [86] 1999-05-07 (PCT/US99/09913) [87] 1999-11-11 (WO99/57878) [30] US (09/074,107) 1998-05-07</p>	<p>[21] <b>2,331,821</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/32</b> [25] EN [54] <b>METHOD AND APPARATUS FOR SUPPORTING EXPANDED ELECTRONIC SERIAL NUMBER (EESN) FORMAT</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT DE SUPPORTER DES FORMATS DE NUMEROS DE SERIE ELECTRONIQUES ETENDUS (EESN)</b> [72] LEUNG, NIKOLAI K. N., US [71] QUALCOMM INCORPORATED, US [85] 2000-11-06 [86] 1999-05-11 (PCT/US99/10382) [87] 1999-11-18 (WO99/59361) [30] US (09/076,340) 1998-05-11</p>	<p>[21] <b>2,331,823</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/21 6A61K 31/70</b> [25] EN [54] <b>COMBINATION THERAPY COMPRISING RIBAVIRIN AND INTERFERON ALPHA IN ANTIVIRAL TREATMENT NAIVE PATIENTS HAVING G CHRONIC HEPATITIS C INFECTION</b> [54] <b>THERAPEUTIQUE ASSOCIEE COMPRENANT LA RIBAVIRINE ET L'INTERFERON ALPHA UTILISEE POUR TRAITER DES NOVICES AUX ESSAIS CLINIQUES ATTEINTS DE L'HEPATITE C CHRONIQUE</b> [72] ALBRECHT, JANICE K., US [71] SCHERING CORPORATION, US [85] 2000-11-06 [86] 1999-05-13 (PCT/US99/07037) [87] 1999-11-25 (WO99/59621) [30] US (09/079,566) 1998-05-15</p>
<p>[21] <b>2,331,819</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 5/075 6C07K 1/02</b> [25] EN [54] <b>NOVEL ASPARTAME DERIVATIVE CRYSTAL AND PROCESS FOR PRODUCING THE SAME</b> [54] <b>NOUVEAU CRISTAL DE DERIVE D'ASPARTAME ET SON PROCEDE DE FABRICATION</b> [72] NAGASHIMA, KAZUTAKA, JP [72] ISHIDA, HIROTOSHI, JP [72] NAGAI, TAKESHI, JP [72] KISHISHITA, AKIHIRO, JP [71] AJINOMOTO CO., INC., JP [85] 2000-11-06 [86] 1999-04-26 (PCT/JP99/02199) [87] 1999-11-18 (WO99/58553) [30] JP (10/125991) 1998-05-08 [30] JP (10/207605) 1998-07-23</p>	<p>[21] <b>2,331,822</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 27/00 6A24D 3/04</b> [25] EN [54] <b>CIGARETTE FILTER ROLL PAPER, CIGARETTE FILTER, AND FILTER CIGARETTE</b> [54] <b>ROULEAU DE PAPIER POUR FILTRE DE CIGARETTE, FILTRE DE CIGARETTE ET CIGARETTE A FILTRE</b> [72] KOMATSUBARA, OSAMU, JP [72] KATSUMATA, HIDEAKI, JP [72] KANEKI, KAZUYO, JP [72] YOSHIDA, TAKAICHI, JP [72] MIURA, KEIGO, JP [72] HARA, HIROSHI, JP [71] JAPAN TOBACCO INC., JP [71] MISHIMA PAPER CO. LTD., JP [85] 2000-11-10 [86] 1999-05-11 (PCT/JP99/02430) [87] 1999-11-18 (WO99/58764) [30] JP (10/129026) 1998-05-12</p>	<p>[21] <b>2,331,824</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/10 6C12Q 1/26 6G01N 27/327 6C12M 1/40 6C12Q 1/54</b> [25] EN [54] <b>TEST STRIP</b> [54] <b>BANDELETTE DE TEST</b> [72] SCOTT, STEVEN, GB [72] STEWART, ALAN ANDREW, GB [71] ABBOTT LABORATORIES, US [85] 2000-11-06 [86] 1999-05-06 (PCT/GB99/01424) [87] 1999-11-18 (WO99/58709) [30] GB (9809963.3) 1998-05-08</p>
<p>[21] <b>2,331,820</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/56</b> [25] EN [54] <b>MULTIPLE PRIORITY BUFFERING IN A COMPUTER NETWORK</b> [54] <b>MISE EN MEMOIRE TAMPON A PRIORITES MULTIPLES DANS UN RESEAU INFORMATIQUE</b> [72] DONIS, MARC, US [72] LEWIS, LUNDY, US [72] DATTA, UTPAL, US [71] CABLETRON SYSTEMS, INC., US [85] 2000-11-06 [86] 1999-05-05 (PCT/US99/09853) [87] 1999-11-11 (WO99/57858) [30] US (09/074,059) 1998-05-07</p>	<p>[21] <b>2,331,826</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 5/10 6C07K 14/47</b> [25] EN [54] <b>GENETICALLY-MODIFIED FIBROBLASTS AND THE USE THEREOF</b> [54] <b>FIBROBLASTES GENETIQUEMENT MODIFIES ET UTILISATION</b> [72] MAVILIO, FULVIO, IT [71] GENERA S.P.A., IT [85] 2000-11-07 [86] 1999-05-05 (PCT/EP99/03075) [87] 1999-11-18 (WO99/58646) [30] IT (MI98A001004) 1998-05-08</p>	

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<p style="text-align: right;">[21] <b>2,331,828</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A22C 7/00</b> [25] EN [54] <b>A DEVICE FOR FORMING A FOOD MASS FOR PRODUCING A FOOD PRODUCT AND A METHOD FOR SUCH FORMING</b> [54] <b>DISPOSITIF DE FORMATION D'UNE MASSE ALIMENTAIRE EN VUE DE LA PRODUCTION D'UN PRODUIT ALIMENTAIRE ET PROCEDE POUR UNE TELLE FORMATION</b> [72] KADER, DANA, SE [71] KADER, DANA, SE [85] 2000-11-06 [86] 1999-05-11 (PCT/SE99/00816) [87] 1999-12-02 (WO99/60862) [30] SE (9801662-9) 1998-05-11</p>	<p style="text-align: right;">[21] <b>2,331,831</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/21 6H04N 5/213</b> [25] EN [54] <b>DTV SIGNAL WITH GCR COMPONENTS IN PLURAL-DATA-SEGMENT FRAME HEADERS AND RECEIVER APPARATUS FOR SUCH SIGNAL</b> [54] <b>SIGNAL DE TELEVISION NUMERIQUE AVEC COMPOSANTES D'ANNULATION DES IMAGES FANTOMES DANS DES EN-TETE DE TRAME A SEGMENTS MULTIPLES ET DISPOSITIF DE RECEPTION POUR CE SIGNAL</b> [72] LIMBERG, ALLEN L., US [72] PATEL, CHANDRAKANT B., US [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2000-11-06 [86] 1999-05-11 (PCT/US99/10290) [87] 1999-11-18 (WO99/59331) [30] US (60/085,064) 1998-05-12 [30] US (60/089,882) 1998-06-19 [30] US (60/103,470) 1998-10-08 [30] US (60/120,638) 1999-02-18</p>	<p style="text-align: right;">[21] <b>2,331,835</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02K 1/27 6H02K 21/24</b> [25] EN [54] <b>SYNCHRONOUS MAGNETO MAGNETO SYNCHRONE</b> [72] PYRHONEN, JUHA, FI [71] PYRHONEN, JUHA, FI [85] 2000-11-07 [86] 1999-05-07 (PCT/FI99/00380) [87] 1999-11-18 (WO99/59233) [30] FI (981022) 1998-05-08</p>
<p style="text-align: right;">[21] <b>2,331,830</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 3/133</b> [25] EN [54] <b>IMPROVEMENTS IN OR RELATING TO THE SUPPORT OF PIPES AND OTHER ELEMENTS FROM WALLS AND CEILINGS</b> [54] <b>PERFECTIONNEMENTS RELATIFS A LA FIXATION DE TUYAUX ET AUTRES ELEMENTS SUR DES PAROIS ET PLAFONDS</b> [72] LEACH, BERNARD, GB [71] LEACH, BERNARD, GB [85] 2000-11-07 [86] 1999-05-07 (PCT/GB99/01427) [87] 1999-11-11 (WO99/57472) [30] GB (9809765.2) 1998-05-07</p>	<p style="text-align: right;">[21] <b>2,331,832</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/12 6A61K 38/16 6A61K 39/245 6A61K 39/385</b> [25] EN [54] <b>IMMUNOMODULATORS FOR VACCINES</b> [54] <b>VACCIN</b> [72] BIRD, LUCY AMBER, GB [72] WILSON, ANDREW DOUGLAS, GB [72] MORGAN, ANDREW, GB [72] WILLIAMS, NEIL ANDREW, GB [72] HIRST, TIMOTHY RAYMOND, GB [71] UNIVERSITY OF BRISTOL, GB [85] 2000-11-07 [86] 1999-05-10 (PCT/GB99/01461) [87] 1999-11-18 (WO99/58145) [30] GB (9809958.3) 1998-05-08 [30] GB (9811954.8) 1998-06-03 [30] GB (9812316.9) 1998-06-08</p>	<p style="text-align: right;">[21] <b>2,331,836</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/36 6A61M 25/00 6A61B 17/38 6A61B 17/39</b> [25] EN [54] <b>IRRIGATED ABLATION DEVICE ASSEMBLY</b> [54] <b>ENSEMBLE D'ABLATION IRRIGUE</b> [72] SCHAER, ALAN K., US [72] VALENCIA, AURELIO, US [71] ATRIONIX, INC., US [85] 2000-11-03 [86] 1999-05-06 (PCT/US99/09900) [87] 1999-11-11 (WO99/56812) [30] US (09/073,907) 1998-05-06</p>
		<p style="text-align: right;">[21] <b>2,331,837</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/22 6B01D 47/00 6B01D 47/16</b> [25] EN [54] <b>IN-LINE AIR HUMIDIFIER, A SYSTEM FOR HUMIDIFYING AIR AND METHODS RELATED THERETO</b> [54] <b>HUMIDIFICATEUR D'AIR EN LIGNE, SYSTEME D'HUMIDIFICATION DE L'AIR ET PROCEDES LES CONCERNANT</b> [72] DE JUAN, EUGENE JR., US [71] JOHNS HOPKINS UNIVERSITY, US [85] 2000-11-07 [86] 1999-05-05 (PCT/US99/09777) [87] 1999-11-11 (WO99/56637) [30] US (09/074,960) 1998-05-07</p>

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<p style="text-align: right;">[21] <b>2,331,838</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07D 9/00</b> [25] EN [54] <b>COIN GUIDE DEVICE</b> [54] <b>APPAREIL DE GUIDAGE DE PIECES DE MONNAIE</b> [72] YAGI, MASATO, JP [72] YAMADA, JUN, JP [72] ISHIDA, TAKESHI, JP [71] KABUSHIKI KAISHA NIPPON CONLUX, JP [85] 2000-11-07 [86] 2000-03-09 (PCT/JP00/01420) [87] 2000-09-14 (WO00/54228) [30] JP (11/64895) 1999-03-11</p>	<p style="text-align: right;">[21] <b>2,331,843</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A45B 23/00 7A45B 25/16</b> [25] EN [54] <b>STAND-UP UMBRELLA WITH A SPRING-REINFORCED OPENING DEVICE</b> [54] <b>PARASOL COMPORTANT UN DISPOSITIF D'OUVERTURE ASSISTE PAR RESSORT</b> [72] STEINER, WALTER, CH [71] STEINER, WALTER, CH [85] 2000-11-07 [86] 2000-03-03 (PCT/CH00/00122) [87] 2000-09-14 (WO00/53051) [30] CH (444/99) 1999-03-10 [30] CH (879/99) 1999-05-10</p>	<p style="text-align: right;">[21] <b>2,331,849</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/48 6A61K 31/445</b> [25] EN [54] <b>NOVEL FORMULATION CONTAINING PAROXETINE</b> [54] <b>NOUVELLE FORMULATION CONTENANT DE LA PAROXETINE</b> [72] LEONARD, GRAHAM STANLEY, GB [72] ELDER, DAVID PHILIP, GB [71] SMITHKLINE BEECHAM P.L.C., GB [85] 2000-11-10 [86] 1999-05-13 (PCT/GB99/01522) [87] 1999-11-18 (WO99/58116) [30] GB (9810180.1) 1998-05-13</p>
<p style="text-align: right;">[21] <b>2,331,840</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 47/48</b> [25] EN [54] <b>POLYMERIC SYSTEM FOR DELIVERY OF NUCLEIC ACID MATERIAL TO TARGET CELLS IN BIOLOGICAL SYSTEMS</b> [54] <b>SYSTEME POLYMERE AUX FINS DE L'APPORT D'ACIDE NUCLEIQUE A DES CELLULES CIBLES DANS DES SYSTEMES BIOLOGIQUES</b> [72] DEKIE, LUC, BE [72] SCHACHT, ETIENNE HONORE, BE [71] UNIVERSITEIT GENT, BE [85] 2000-11-06 [86] 1999-05-07 (PCT/BE99/00056) [87] 1999-11-18 (WO99/58151) [30] EP (98201454.0) 1998-05-07 [30] EP (98201566.1) 1998-05-12</p>	<p style="text-align: right;">[21] <b>2,331,844</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/00 6A61K 38/17 6A61K 38/18 6A61K 38/19 6A61K 38/20 6C07K 14/52 6G01N 33/53 6C07K 14/54 6G01N 33/567 6C07K 14/705 6C07K 14/715</b> [25] EN [54] <b>A METHOD FOR DIAGNOSING AND TREATING CHRONIC PELVIC PAIN SYNDROME</b> [54] <b>METHODE DE DIAGNOSTIC ET DE TRAITEMENT DU SYNDROME DE DOULEUR PELVIENNE CHRONIQUE</b> [72] ALEXANDER, RICHARD B., US [72] PONNIAH, SATHIBALAN, US [71] UNIVERSITY OF MARYLAND, BALTIMORE, US [85] 2000-11-07 [86] 1999-05-07 (PCT/US99/10039) [87] 1999-11-11 (WO99/57303) [30] US (60/084,668) 1998-05-07</p>	<p style="text-align: right;">[21] <b>2,331,850</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07B 41/12 7C07C 231/02 7B01J 31/02 7C07C 233/05 7C07B 43/06 7C07C 269/06 7C07D 501/06 7C07C 233/09 7C07K 1/10 7C07C 233/11 7C07C 231/12 7C07C 271/22 7C07C 235/46 7C07C 233/47 7C07C 235/54 7C07C 233/65</b> [25] EN [54] <b>METHOD OF PREPARING CARBOXYLIC ACID DERIVATIVES AND CONDENSING AGENT COMPRISING QUATERNARY AMMONIUM SALT</b> [54] <b>PROCEDE DE PREPARATION DE DERIVES D'ACIDE CARBOXYLIQUE ET AGENT DE CONDENSATION COMPRENANT UN SEL D'AMMONIUM QUATERNAIRE</b> [72] HIRANO, NAOKI, JP [72] TERA0, KEIJI, JP [72] KUNISHIMA, MUNETAKA, JP [72] TANI, SHOHEI, JP [72] SAIJYO, MASAKO, JP [72] IWASAKI, FUMIAKI, JP [72] MIHARU, MICHIKO, JP [71] TOKUYAMA CORPORATION, JP [85] 2000-11-07 [86] 2000-02-15 (PCT/JP00/00834) [87] 2000-09-14 (WO00/53544) [30] JP (11/60765) 1999-03-08 [30] JP (11/137693) 1999-05-18 [30] JP (11/293202) 1999-10-15</p>
<p style="text-align: right;">[21] <b>2,331,841</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07D 9/00</b> [25] EN [54] <b>BILL PROCESSOR AND ITS CONTROLLING METHOD</b> [54] <b>DISPOSITIF DE TRAITEMENT DE BILLETS ET PROCEDE DE COMMANDE DE CE DERNIER</b> [72] YASUDA, SHIGERU, JP [72] HORIE, MASASHI, JP [72] IWAI, TADAHIRO, JP [72] MIKAMI, MITSUGU, JP [71] KABUSHIKI KAISHA NIPPON CONLUX, JP [85] 2000-11-07 [86] 2000-03-07 (PCT/JP00/01373) [87] 2000-09-14 (WO00/54227) [30] JP (11/63222) 1999-03-10</p>	<p style="text-align: right;">[21] <b>2,331,848</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05B 37/03</b> [25] EN [54] <b>ELECTRICAL LIGHT SOCKET</b> [54] <b>DOUILLE ELECTRIQUE</b> [72] GIBBONEY, JAMES W. JR., US [71] VENTUR RESEARCH &amp; DEVELOPMENT INC., US [85] 2000-11-07 [86] 1999-05-10 (PCT/US99/10196) [87] 1999-11-18 (WO99/59224) [30] US (09/074,801) 1998-05-08</p>	

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<p style="text-align: right;">[21] <b>2,331,852</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/30</b> [25] EN [54] <b>VIDEO COMPRESSION WITH STORAGE REDUCTION, COLOR ROTATION, COMBINED SIGNAL AND BORDER FILTERING</b> [54] <b>COMPRESSION VIDEO AVEC REDUCTION DE MEMOIRE, ROTATION DES COULEURS ET FILTRAGE COMBINE DU SIGNAL ET DES BORDURES</b> [72] KOLAROV, KRASIMIR D., US [72] HOOVER, D. ROBERT, US [72] ARRIGHI, WILLIAM J., US [72] LYNCH, WILLIAM C., US [71] INTERVAL RESEARCH CORPORATION, US [85] 2000-11-10 [86] 1999-05-14 (PCT/US99/10688) [87] 1999-11-18 (WO99/59329) [30] US (09/079,101) 1998-05-14 [30] US (09/079,104) 1998-05-14 [30] US (09/079,049) 1998-05-14 [30] US (09/079,427) 1998-05-14</p>	<p style="text-align: right;">[21] <b>2,331,857</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63H 11/18</b> [25] EN [54] <b>TWO-LEGGED BODY</b> [54] <b>CORPS BIPEDE</b> [72] VAN DER LINDE, RICHARD QUINT, NL [71] TECHNISCHE UNIVERSITEIT DELFT, NL [85] 2000-11-07 [86] 1999-04-23 (PCT/NL99/00238) [87] 1999-11-18 (WO99/58215) [30] NL (1009144) 1998-05-13</p>	<p style="text-align: right;">[21] <b>2,331,860</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/46</b> [25] EN [54] <b>DISTRIBUTED COMPUTING ENVIRONMENT USING REAL-TIME SCHEDULING LOGIC AND TIME DETERMINISTIC ARCHITECTURE</b> [54] <b>ENVIRONNEMENT INFORMATIQUE DISTRIBUE A LOGIQUE D'ORDONNANCEMENT EN TEMPS REEL ET ARCHITECTURE A DETERMINATION TEMPORELLE</b> [72] CHURCHILL, STEPHEN G., US [72] FERNANDEZ, GEORGE P., US [72] DUPREE, WAYNE P., US [72] JACHIM, DAVID M., US [72] WOODS, RANDY D., US [72] VERNIERS, GERRIT H., BE [71] THE DOW CHEMICAL COMPANY, US [85] 2000-11-06 [86] 1999-03-26 (PCT/US99/06634) [87] 1999-12-02 (WO99/61985) [30] US (60/086,737) 1998-05-26</p>
<p style="text-align: right;">[21] <b>2,331,854</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23L 1/305 6A61K 31/195 6A23L 1/30</b> [25] EN [54] <b>NUTRITIONAL PRODUCT FOR A PERSON HAVING RENAL FAILURE</b> [54] <b>PRODUIT NUTRITIONNEL POUR PERSONNE PRESENTANT UNE INSUFFISANCE RENALE</b> [72] SASS, KATHY MARIE, US [72] LOWRY, CAROL JO, US [71] NOVARTIS NUTRITION AG, CH [85] 2000-11-03 [86] 1999-05-11 (PCT/EP99/03214) [87] 1999-11-18 (WO99/58001) [30] US (09/078,165) 1998-05-13</p>	<p style="text-align: right;">[21] <b>2,331,858</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 7/06</b> [25] EN [54] <b>TIME-SWITCHED TRANSMISSION DIVERSITY (TSTD) DEVICE AND CONTROLLING METHOD THEREOF IN MOBILE COMMUNICATION SYSTEM</b> [54] <b>DISPOSITIF AVEC FONCTION DE DIVERSITE DE TRANSMISSION A COMMUTATION TEMPORELLE (TSTD) ET PROCEDE DE COMMANDE DE CELUI-CI DANS UN SYSTEME DE COMMUNICATIONS MOBILES</b> [72] AHN, JAE MIN, KR [72] PARK JIN SOO, KR [72] YOON, SOON YOUNG, KR [72] PARK, SU WON, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2000-11-03 [86] 1999-05-13 (PCT/KR99/00238) [87] 1999-11-18 (WO99/59263) [30] KR (1998/17278) 1998-05-13 [30] KR (1998/28982) 1998-07-14</p>	<p style="text-align: right;">[21] <b>2,331,861</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10G 21/20</b> [25] EN [54] <b>REMOVAL OF IMPURITIES FROM A HYDROCARBON COMPONENT OR FRACTION</b> [54] <b>ELIMINATION DES IMPURETES D'UN COMPOSANT OU D'UNE FRACTION D'HYDROCARBURES</b> [72] HOUGH-LANGANKE, MAGDALENA CATHARINA (DECEASED), ZA [72] NAUDE, HUBERT, ZA [72] DE WET, PETRA, ZA [72] DE VILLIERS, WALDO EUGENE, US [72] PEMA, ATOOL GOVAN, ZA [71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA [85] 2000-11-07 [86] 1999-05-07 (PCT/IB99/00827) [87] 1999-11-18 (WO99/58625) [30] ZA (98/3915) 1998-05-08</p>
<p style="text-align: right;">[21] <b>2,331,856</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65B 15/00 6B65B 21/24</b> [25] EN [54] <b>TEMPORARY PACKAGE AND METHOD FOR ITS MANUFACTURE</b> [54] <b>EMBALLAGE TEMPORAIRE ET PROCEDE DE FABRICATION</b> [72] ANDERSEN, DALE C., US [72] LASECKE, DONALD J., US [71] DELKOR SYSTEMS, INC., US [85] 2000-11-10 [86] 1999-05-11 (PCT/US99/10324) [87] 1999-11-25 (WO99/59873) [30] US (09/080,609) 1998-05-18</p>	<p style="text-align: right;">[21] <b>2,331,859</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16D 3/68</b> [25] EN [54] <b>ELASTOMERIC COUPLING AND METHOD OF IMPROVING DURABILITY THEREOF</b> [54] <b>COUPLAGE ELASTOMERE ET PROCEDE POUR EN AMELIORER LA DURABILITE</b> [72] KLAPSINOS, GEORGE M., US [72] GWINN, JAMES T., US [71] LORD CORPORATION, US [85] 2000-11-07 [86] 1999-05-07 (PCT/US99/10037) [87] 1999-11-18 (WO99/58867) [30] US (09/074,915) 1998-05-08</p>	

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[21] **2,331,862**  
[13] A1

[51] **Int.Cl. 7H05B 37/00 7H02M 1/00 7F21V 21/00**

[25] EN

[54] **CHRISTMAS LIGHT STRING**

[54] **GUIRLANDE ELECTRIQUE DE NOEL**

[72] GIBBONEY, JAMES W. JR., US

[71] VENTUR RESEARCH &

DEVELOPMENT INC., US

[85] 2000-11-07

[86] 1999-05-07 (PCT/US99/09984)

[87] 1999-11-18 (WO99/58899)

[30] US (60/084,848) 1998-05-08

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[21] **2,331,863**  
[13] A1

[51] **Int.Cl. 6C07D 233/90 6A61K 31/415 6C07D 233/68**

[25] EN

[54] **SUBSTITUTED SULPHONYL CYANAMIDES, METHOD FOR PRODUCING SAME AND THEIR USE AS MEDICAMENT**

[54] **SULFONYLCYANAMIDES SUBSTITUES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION COMME MEDICAMENT**

[72] FABER, SABINE, DE

[72] JANSEN, HANS-WILLI, DE

[72] KLEEMANN, HEINZ-WERNER, DE

[72] WEICHERT, ANDREAS, DE

[72] LANG, HANS JOCHEN, DE

[72] SCHWARK, JAN-ROBERT, DE

[72] PETRY, STEFAN, DE

[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE

[85] 2000-11-03

[86] 1999-04-30 (PCT/EP99/02940)

[87] 1999-11-11 (WO99/57102)

[30] DE (198 20 064.1) 1998-05-06

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[21] **2,331,864**  
[13] A1

[51] **Int.Cl. 6E02D 3/02**

[25] EN

[54] **MECHANICALLY STABILIZED RETAINING WALL SYSTEM HAVING ADJUSTABLE CONNECTION MEANS FOR CONNECTING PRECAST CONCRETE FACING PANELS THERETO**

[54] **SYSTEME DE PAROIS DE**

**RETENTION STABILISEES**

**MECANIQUEMENT, COMPRENANT**

**DES MOYENS DE RACCORD**

**REGLABLES AVEC DES PANNEAUX DE BETON PREFABRIQUE**

[72] CRIGLER, JOHN R., US

[71] L.B. FOSTER COMPANY, US

[85] 2000-11-10

[86] 1999-05-10 (PCT/US99/10214)

[87] 1999-11-25 (WO99/60217)

[30] US (09/079,715) 1998-05-15

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[21] **2,331,865**  
[13] A1

[51] **Int.Cl. 6G01N 21/35 6G01J 3/28**

[25] EN

[54] **NEAR INFRARED SPECTROMETRY FOR REAL TIME ANALYSIS OF SUBSTANCES**

[54] **SPECTROMETRIE DE PROCHE INFRAROUGE POUR ANALYSES DE SUBSTANCES EN TEMPS REEL**

[72] NIEBUR, WILLIAM S., US

[72] WRIGHT, STEVEN L., US

[72] WELLE, ROLAND, US

[72] BRUMBACK, THOMAS B. JR., US

[71] PIONEER HI-BRED

INTERNATIONAL, INC., US

[85] 2000-11-10

[86] 1999-05-10 (PCT/US99/10195)

[87] 1999-11-18 (WO99/58959)

[30] US (09/075,614) 1998-05-11

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[21] **2,331,866**  
[13] A1

[51] **Int.Cl. 6C07H 17/00**

[25] EN

[54] **PROCESS FOR PREPARATION OF 4,5-EPOXYMORPHINAN-6-OXYGLUCURONIDES**

[54] **PROCEDE DE PREPARATION DE 4,5 EPOXYMORPHINAN-6-OXYGLUCURONIDES**

[72] GUTMAN, ARIE L., IL

[72] ROKHMAN, IGOR, IL

[72] NISNEVITCH, GENADI, IL

[72] YUDOVITCH, LEV, IL

[71] CENES LIMITED, GB

[85] 2000-11-10

[86] 1999-05-12 (PCT/GB99/01508)

[87] 1999-11-18 (WO99/58545)

[30] IL (124460) 1998-05-13

[30] GB (9900832.8) 1999-01-15

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[21] **2,331,867**  
[13] A1

[51] **Int.Cl. 6A61K 7/06**

[25] EN

[54] **HAIR CARE COMPOSITIONS**

[54] **COMPOSITIONS POUR SOINS CAPILLAIRES**

[72] PATEL, CHAITANYA UMEDBHAI, US

[72] NEILL, PAUL HOWARD, US

[72] JANCHITRAPONVEJ, BEN, US

[72] WYDILA, JOHN EDWARD, US

[72] GIBSON, WALTER THOMAS, GB

[72] LANE, ROGER MICHAEL, GB

[72] FINEL, CHRISTOPHE MICHEL, FR

[72] BERGMANN, WOLFGANG ROBERT, US

[71] UNILEVER PLC, GB

[85] 2000-11-10

[86] 1999-05-21 (PCT/EP99/03588)

[87] 1999-12-16 (WO99/63952)

[30] US (09/092,487) 1998-06-05

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[21] **2,331,869**  
[13] A1  
[51] **Int.Cl. 6B65G 53/16 6C25C 3/14 6B65G 53/20**  
[25] FR  
[54] **PROCEDE POUR LE CONVOYAGE EN LIT HYPERDENSE DE MATERIAUX PULVERULENTS ET DISPOSITIF A FLUIDISATION POTENTIELLE DESTINE A LE METTRE EN OEUVRE**  
[54] **METHOD FOR CONVEYING ON HIGH-DENSITY BED POWDER MATERIALS AND DEVICE WITH POTENTIAL FLUIDISATION FOR IMPLEMENTING SAME**  
[72] GASQUET, GERARD, FR  
[72] CLOUE, CHRISTIAN, FR  
[71] ALUMINIUM PECHINEY, FR  
[85] 2000-11-10  
[86] 1999-05-06 (PCT/FR99/01075)  
[87] 1999-11-18 (WO99/58435)  
[30] FR (98/06124) 1998-05-11

[21] **2,331,870**  
[13] A1  
[51] **Int.Cl. 6C07C 233/36 6C07D 471/04 6C07D 495/04 6C07D 335/08 6C07D 221/10 6C07D 295/12 6C07D 407/12 6A61K 31/165 6C07C 317/32 6C07C 233/40 6C07C 323/40 6C07C 323/41 6C07C 323/44 6C07D 333/58 6C07D 209/60 6C07D 307/81**  
[25] FR  
[54] **NOUVEAUX COMPOSES CYCLIQUES SUBSTITUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NOVEL SUBSTITUTED CYCLIC COMPOUNDS, PREPARATION METHOD AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] KLUPSCH, FREDERIQUE, FR  
[72] LESIEUR, DANIEL, FR  
[72] VIAUD, MARIE-CLAUDE, FR  
[72] GUILLAUMET, GERALD, FR  
[72] BENNEJEAN, CAROLINE, FR  
[72] RENARD, PIERRE, FR  
[72] DELAGRANGE, PHILIPPE, FR  
[72] LANGLOIS, MICHEL, FR  
[71] ADIR ET COMPAGNIE, FR  
[85] 2000-11-10  
[86] 1999-05-10 (PCT/FR99/01100)  
[87] 1999-11-18 (WO99/58495)  
[30] FR (98/05957) 1998-05-12

[21] **2,331,871**  
[13] A1  
[51] **Int.Cl. 6A61K 9/20 6A61K 31/445**  
[25] EN  
[54] **NOVEL FORMULATION CONTAINING PAROXETINE**  
[54] **NOUVELLE FORMULATION CONTENANT DE LA PAROXETINE**  
[72] LEONARD, GRAHAM STANLEY, GB  
[72] ELDER, DAVID PHILIP, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/GB99/01520)  
[87] 1999-11-18 (WO99/58113)  
[30] GB (9810181.9) 1998-05-13

[21] **2,331,873**  
[13] A1  
[51] **Int.Cl. 6C07D 303/22**  
[25] EN  
[54] **FUMAGILLOL DERIVATIVES AND PROCESSES FOR PREPARING THE SAME**  
[54] **DERIVES DE FUMAGILLOL ET ELABORATION DE CES DERIVES**  
[72] HONG, CHUNG IL, US  
[72] KIM, JUNG WOO, KR  
[72] LEE, SANG JOON, KR  
[72] CHOI, NAM SONG, KR  
[72] AHN, SOON KIL, KR  
[72] HONG, RYUNG KEE, KR  
[72] CHUN, HYOUNG SIK, KR  
[72] MOON, SEUNG KEE, KR  
[72] HAN, CHEOL KYU, KR  
[71] CHONG KUN DANG PHARMACEUTICAL CORP., KR  
[85] 2000-11-10  
[86] 1999-05-11 (PCT/KR99/00229)  
[87] 1999-11-25 (WO99/59986)  
[30] KR (1998/17636) 1998-05-15

[21] **2,331,875**  
[13] A1  
[51] **Int.Cl. 6C07K 5/02 6A61K 38/05 6C07D 233/32 6A61K 31/415**  
[25] EN  
[54] **IMIDAZOLIDINE DERIVATIVES, THE PRODUCTION THEREOF, THEIR USE AND PHARMACEUTICAL PREPARATIONS CONTAINING THE SAME**  
[54] **DERIVES D'IMIDAZOLIDINE, LEUR PRODUCTION, LEUR UTILISATION ET PREPARATION PHARMACEUTIQUE LES CONTENANT**  
[72] WEHNER, VOLKMAR, DE  
[72] NEISES, BERNHARD, DE  
[72] STILZ, HANS ULRICH, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2000-11-10  
[86] 1999-05-05 (PCT/EP99/03072)  
[87] 1999-11-25 (WO99/60015)  
[30] DE (198 21 483.9) 1998-05-14

[21] **2,331,877**  
[13] A1  
[51] **Int.Cl. 6C07C 233/43 6C07D 471/04 6A61K 31/165 6C07D 319/18 6C07C 275/24 6C07C 271/30 6C07C 311/37 6C07C 237/48 6C07D 311/58 6C07D 333/58 6C07C 233/62 6C07D 307/81 6C07D 307/85**  
[25] FR  
[54] **NOUVEAUX COMPOSES CYCLIQUES SUBSTITUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NOVEL SUBSTITUTED CYCLIC COMPOUNDS, PREPARATION METHOD AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] LESIEUR, DANIEL, FR  
[72] BENNEJEAN, CAROLINE, FR  
[72] KLUPSCH, FREDERIQUE, FR  
[72] RENARD, PIERRE, FR  
[72] GUILLAUMET, GERALD, FR  
[72] LANGLOIS, MICHEL, FR  
[72] DELAGRANGE, PHILIPPE, FR  
[72] VIAUD, MARIE-CLAUDE, FR  
[71] ADIR ET COMPAGNIE, FR  
[85] 2000-11-10  
[86] 1999-05-10 (PCT/FR99/01101)  
[87] 1999-11-18 (WO99/58496)  
[30] FR (98/05957) 1998-05-12



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[21] **2,331,878**  
[13] A1

[51] **Int.Cl. 6C07D 401/04 6C07D 403/04 6C07D 401/14 6A61K 31/44 6A61K 31/505**  
[25] EN  
[54] **1,5-DIARYL SUBSTITUTED PYRAZOLES AS P38 KINASE INHIBITORS**  
[54] **PYRAZOLES A SUBSTITUTION 1,5-DIARYLE COMME INHIBITEURS DE LA PROTEINE P38 KINASE**  
[72] COLLINS, PAUL W., US  
[72] CRICH, JOYCE Z., US  
[72] XU, XIANGDONG, US  
[72] RAO, SHASHIDHAR N., US  
[72] WEIER, RICHARD M., US  
[71] G.D. SEARLE & CO., US  
[85] 2000-11-10  
[86] 1999-05-12 (PCT/US99/07036)  
[87] 1999-11-18 (WO99/58523)  
[30] US (60/085,494) 1998-05-14

[21] **2,331,879**  
[13] A1

[51] **Int.Cl. 6C07D 263/32 6C07D 221/00 6C07D 235/00 6C07D 413/04 6C07D 471/04 6C07D 271/06 6C07D 261/08 6C07D 413/12 6C07D 215/14 6A61K 31/185 6C07D 277/24 6C07D 239/42 6A61K 31/42 6C07C 251/54 6C07D 213/74**  
[25] EN  
[54] **OXYMINOALKANOIC ACID DERIVATIVES**  
[54] **DERIVES D'ACIDE OXYMINOALCANOIQUE**  
[72] IMOTO, HIROSHI, JP  
[72] ODAKA, HIROYUKI, JP  
[72] MOMOSE, YU, JP  
[72] KIMURA, HIROYUKI, JP  
[72] SAKAMOTO, JUNICHI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-11-10  
[86] 1999-05-10 (PCT/JP99/02407)  
[87] 1999-11-18 (WO99/58510)  
[30] JP (10/127921) 1998-05-11  
[30] JP (10/127922) 1998-05-11

[21] **2,331,947**  
[13] A1

[51] **Int.Cl. 6A61B 5/05**  
[25] EN  
[54] **METHOD AND APPARATUS FOR GENERATING CONTROLLED TORQUES ON OBJECTS PARTICULARLY OBJECTS INSIDE A LIVING BODY**  
[54] **PROCEDE ET DISPOSITIF SERVANT A GENERER UN COUPLE COMMANDE DANS DES OBJETS, EN PARTICULIER, DES OBJETS A L'INTERIEUR D'UN CORPS VIVANT**  
[72] NEVO, EREZ, IL  
[71] ROBIN MEDICAL, INC., US  
[85] 2000-11-14  
[86] 1999-05-12 (PCT/IL99/00250)  
[87] 1999-11-25 (WO99/60370)  
[30] US (60/085,652) 1998-05-15

[21] **2,331,979**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CUSTOMISING LOCATION AREA IN A COMMUNICATION NETWORK**  
[54] **PROCEDE ET APPAREIL DESTINES PERMETTANT D'ADAPTER UNE ZONE DE LOCALISATION D'UN RESEAU DE COMMUNICATION**  
[72] CHAMBERT, GEORG, SE  
[72] RUNE, JOHAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-07  
[86] 1999-05-07 (PCT/SE99/00775)  
[87] 1999-11-18 (WO99/59369)  
[30] SE (9801630-6) 1998-05-11

[21] **2,331,981**  
[13] A1

[51] **Int.Cl. 6G02B 6/24 6G02B 6/26**  
[25] EN  
[54] **REDUCED SIZE MULTIMODE INTERFERENCE BASED COUPLER**  
[54] **COUPLEUR BROUILLEUR MULTIMODE DE TAILLE COMPACTE**  
[72] LEVY, DAVID S., US  
[72] SCARMOZZINO, ROBERT, US  
[72] OSGOOD, RICHARD M., JR., US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2000-11-07  
[86] 1998-05-08 (PCT/US98/09447)  
[87] 1999-11-18 (WO99/59012)

[21] **2,331,982**  
[13] A1

[51] **Int.Cl. 6B65D 19/34**  
[25] EN  
[54] **PALLET AND METHOD OF MANUFACTURING THE PALLET**  
[54] **PALETTE ET SON PROCEDE DE FABRICATION**  
[72] STERNHAMN, NILS-AKE, SE  
[71] STERNHAMN, NILS-AKE, SE  
[85] 2000-11-07  
[86] 1999-05-11 (PCT/SE99/00792)  
[87] 1999-12-02 (WO99/61330)  
[30] SE (9801709-8) 1998-05-14

[21] **2,331,983**  
[13] A1

[51] **Int.Cl. 7A62C 35/00**  
[25] EN  
[54] **FIRE-SUPPRESSION SPRINKLER SYSTEM AND METHOD FOR INSTALLATION AND RETROFIT**  
[54] **SYSTEME DE GICLEURS DE PROTECTION D'INCENDIE, PROCEDE D'INSTALLATION ET DE RENOVATION**  
[72] MACDONALD, NORMAN J., US  
[72] MACDONALD, PETER M., US  
[71] PNM, INC., US  
[85] 2000-11-07  
[86] 1999-05-11 (PCT/US99/10222)  
[87] 1999-11-18 (WO99/58200)  
[30] US (09/076,078) 1998-05-11

[21] **2,331,984**  
[13] A1

[51] **Int.Cl. 6B01J 20/00 6C01B 7/00 6B01J 38/00 6C01F 11/18 6C01F 5/24 6B01J 20/34**  
[25] EN  
[54] **REACTIVATION OF PARTIALLY UTILIZED SORBENT**  
[54] **REACTIVATION DE SORBANT PARTIELLEMENT EPUISE**  
[72] AGNIHOTRI, RAJEEV, US  
[72] FAN, LIANG SHIH, US  
[72] MAHULI, SUHAS K., US  
[71] THE OHIO STATE UNIVERSITY, US  
[85] 2000-11-07  
[86] 1999-05-06 (PCT/US99/10076)  
[87] 1999-11-11 (WO99/56868)  
[30] US (09/073,237) 1998-05-07

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[21] **2,331,985**  
[13] A1  
[51] **Int.Cl. 6H04L 12/24 6H04L 29/06 6H04L 12/26**  
[25] EN  
[54] **ARRANGEMENT FOR PROVIDING COMMUNICATION BETWEEN CLIENTS AND MANAGED SYSTEMS**  
[54] **CONCEPTION, SYSTEME ET PROCEDE RELATIFS A LA COMMUNICATION**  
[72] KRIENS, PETER, SE  
[72] LENANDER, JAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-07  
[86] 1999-05-04 (PCT/SE99/00737)  
[87] 1999-11-18 (WO99/59294)  
[30] SE (9801602-5) 1998-05-08

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[21] **2,331,986**  
[13] A1  
[51] **Int.Cl. 6A61B 5/14 6G01N 11/04 6G01N 33/15 6G01N 33/487**  
[25] EN  
[54] **IN-VIVO DETERMINING THE EFFECTS OF A PHARMACEUTICAL ON BLOOD PARAMETERS**  
[54] **DETERMINATION IN-VIVO DES EFFETS D'UN MEDICAMENT SUR LES PARAMETRES DU SANG**  
[72] KENSEY, KENNETH, US  
[71] VISCO TECHNOLOGIES, INC., US  
[85] 2000-11-07  
[86] 1999-06-22 (PCT/US99/13943)  
[87] 1999-12-29 (WO99/66839)  
[30] US (09/103,232) 1998-06-23

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[21] **2,331,987**  
[13] A1  
[51] **Int.Cl. 6A23L 1/221 6A23L 1/22**  
[25] EN  
[54] **SWEETNESS IMPROVING AGENTS AND FOODS WITH THE USE THEREOF**  
[54] **SUBSTANCES POUVANT AMELIORER LE GOUT SUCRE ET ALIMENTS INCORPORANT DE TELLES SUBSTANCES**  
[72] SAITO, SUSUMU, JP  
[72] UCHIMURA, NOBUHIRO, JP  
[72] KUBOTA, YUUKI, JP  
[72] SHINHASHI, OSAMU, JP  
[72] AOYAGI, YOSHINORI, JP  
[72] ARAKI, HIROKO, JP  
[71] KOHJIN CO., LTD., JP  
[85] 2000-11-07  
[86] 1999-05-18 (PCT/JP99/02561)  
[87] 1999-11-25 (WO99/59432)  
[30] JP (10/135356) 1998-05-18  
[30] JP (10/338343) 1998-11-30

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[21] **2,331,988**  
[13] A1  
[51] **Int.Cl. 6A61M 1/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DELIVERING A COLONIC LAVAGE**  
[54] **PROCEDE ET APPAREIL D'ADMINISTRATION D'UN LAVAGE DU COLON**  
[72] HILL, KENNETH E., US  
[72] ABELL, ROY, US  
[72] MANN, PAUL J., US  
[71] INNOVATEC MEDICAL CORPORATION, US  
[85] 2000-08-18  
[86] 1999-02-05 (PCT/US99/02465)  
[87] 1999-09-02 (WO99/43365)  
[30] US (09/031,225) 1998-02-26

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[21] **2,331,989**  
[13] A1  
[51] **Int.Cl. 7G01S 13/93**  
[25] EN  
[54] **CLOSE/INTRA-FORMATION POSITIONING COLLISION AVOIDANCE SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DESTINES A EVITER DES COLLISIONS DANS LE POSITIONNEMENT D'UNE FORMATION SERREE A L'INTERIEUR D'UNE ZONE**  
[72] STURDY, JAMES T., US  
[72] JONGSMA, KENNETH R., US  
[72] FRAZIER, JAMES A., JR., US  
[71] L-3 COMMUNICATIONS CORPORATION, US  
[85] 2000-08-29  
[86] 1999-12-09 (PCT/US99/29322)  
[87] 2000-07-13 (WO00/41000)  
[30] US (09/223,533) 1998-12-30

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[21] **2,331,990**  
[13] A1  
[51] **Int.Cl. 7G02B 26/08**  
[25] EN  
[54] **PLANAR ARRAY OPTICAL SWITCH AND METHOD**  
[54] **COMMUTATEUR OPTIQUE A MATRICE PLANE ET PROCEDE CORRESPONDANT**  
[72] LAOR, HERZEL, US  
[71] ASTARTE FIBER NETWORKS, INC., US  
[85] 2000-11-29  
[86] 1999-06-04 (PCT/US99/12550)  
[87] 1999-12-23 (WO99/66354)  
[30] US (60/088,075) 1998-06-06

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,331,996</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b> [25] EN [54] <b>APPARATUS AND METHOD FOR NONINVASIVE GLUCOSE MEASUREMENT</b> [54] <b>APPAREIL ET PROCEDE DE MESURE NON INVASIVE DU TAUX DE GLYCEMIE</b> [72] PANKEVICH, MIROSLAV ORESTES, US [72] SLAVIN, MICHAIL DAVIDOVICH, RU [72] PETROVSKY, GURY TIMOFEEVICH, RU [72] SLAVINA, LUBOV ALEKSANDROVNA, RU [72] IZVARINA, NATALIA LEONIDOVNA, RU [71] BIOSENSOR, INC., US [85] 2000-11-14 [86] 1999-05-11 (PCT/US99/10178) [87] 1999-11-18 (WO99/58048) [30] US (09/076,795) 1998-05-13</p>	<p style="text-align: right;">[21] <b>2,331,998</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 277/60 6C07D 417/04 6A61K 38/04 6C07K 5/04 6C07D 417/06 6C07D 513/10 6A61K 31/425 6A61K 31/44 6A61K 31/445</b> [25] EN [54] <b>NOVEL SPIRO COMPOUNDS OR SALTS THEREOF AND PREVENTIVES/ REMEDIES FOR AUTOIMMUNE DISEASES AND AP-1 INHIBITORS CONTAINING THE SAME</b> [54] <b>NOUVEAUX COMPOSES SPIRO ET SELS DE CEUX-CI, PROPHYLAXIE ET MEDICAMENTS CONTRE DES MALADIES AUTO-IMMUNES ET INHIBITEURS DE AP-1 CONTENANT LESDITS COMPOSES</b> [72] AIKAWA, YUKIHIKO, JP [72] MIYAJIMA, MIKAKO, JP [72] CHAKI, HISAAKI, JP [72] TAKAKURA, TADAKAZU, JP [72] SHIOZAWA, SHUNICHI, JP [72] HIRONO, SHUICHI, JP [72] NISHIO, MORIHIRO, JP [72] KAJITA, TETSUYA, JP [72] TANAKA, KEIICHI, JP [72] KURODA, HIROSHI, JP [71] TOYAMA CHEMICAL CO., LTD., JP [85] 2000-11-07 [86] 1999-04-28 (PCT/JP99/02262) [87] 1999-11-18 (WO99/58515) [30] JP (10/142200) 1998-05-08 [30] JP (10/179649) 1998-06-11</p>	<p style="text-align: right;">[21] <b>2,332,000</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23D 7/00 6A23D 9/00 6C07J 9/00 6A23D 7/015 6C11B 13/02 6A23L 1/24</b> [25] EN [54] <b>PHYTOSTEROL COMPOSITIONS</b> [54] <b>COMPOSITIONS DE PHYTOSTEROL</b> [72] WESTER, INGMAR, FI [72] EKBLOM, JARI, FI [71] RAISIO BENECOL OY, FI [85] 2000-11-03 [86] 1999-05-06 (PCT/FI99/00379) [87] 1999-11-11 (WO99/56558) [30] FI (981011) 1998-05-06</p>
<p style="text-align: right;">[21] <b>2,331,997</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 7/26 6H04B 7/216 6H04B 1/707</b> [25] EN [54] <b>RANDOM ACCESS IN A MOBILE TELECOMMUNICATIONS SYSTEM</b> [54] <b>ACCES ALEATOIRE DANS UN SYSTEME DE TELECOMMUNICATION MOBILE</b> [72] FRANK, GEORG, DE [72] OVESJO, FREDRIK, SE [72] GRANZOW, WOLFGANG, DE [72] OLOFSSON, HENRIK, SE [72] GUSTAFSSON, MARIA, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-14 [86] 1999-05-07 (PCT/SE99/00777) [87] 1999-11-25 (WO99/60729) [30] US (09/079,438) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,331,999</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>METHODS AND SYSTEMS FOR MODE SELECTION BASED ON ACCESS NETWORK CAPACITY</b> [54] <b>PROCEDES ET SYSTEMES DESTINES A LA SELECTION DE MODE BASEE SUR LA CAPACITE DU RESEAU D'ACCES</b> [72] KHAN, FAROOQ, SE [72] DALIBOR, TURINA, SE [72] FRODIGH, MAGNUS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-14 [86] 1999-05-07 (PCT/SE99/00776) [87] 1999-11-25 (WO99/60796) [30] US (09/079,231) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,332,001</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 27/14 6A61G 7/057</b> [25] EN [54] <b>MATTRESS OR CUSHION STRUCTURE</b> [54] <b>STRUCTURE DE MATELAS OU DE COUSSIN</b> [72] BOLDEN, MICHAEL V., US [72] SOLTANI, SOHRAB, US [72] ROMANO, JAMES J., US [71] HILL-ROM, INC., US [85] 2000-11-03 [86] 1999-05-06 (PCT/US99/09889) [87] 1999-11-11 (WO99/56591) [30] US (60/084,411) 1998-05-06</p>
		<p style="text-align: right;">[21] <b>2,332,002</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 10/00 6B01J 8/24 6C08F 2/40</b> [25] EN [54] <b>POLYMERISATION PROCESS</b> [54] <b>PROCEDE DE POLYMERISATION</b> [72] LEANEY, PATRICK, FR [71] BP CHEMICALS LIMITED, GB [85] 2000-11-14 [86] 1999-05-18 (PCT/GB99/01577) [87] 1999-11-25 (WO99/60037) [30] EP (98430013.7) 1998-05-19</p>

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[21] **2,332,003**  
[13] A1

[51] **Int.Cl. 6A01N 25/34 6A01N 37/36**  
[25] EN  
[54] **PREMOISTENED WIPE WITH RESIDUAL ANTIMICROBIAL ACTIVITY**  
[54] **CHIFFON PREHUMIDIFIE A ACTIVITE ANTIMICROBIENNE RESIDUELLE**  
[72] MACY-RUHE, MARTHA RUTH, US  
[72] ECHLER, GARY ALLEN, US  
[72] SELF, PETER MICHAEL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-14  
[86] 1999-06-14 (PCT/IB99/01101)  
[87] 2000-01-06 (WO00/00026)  
[30] EP (98202139.6) 1998-06-26  
[30] US (60/127,399) 1999-04-01

[21] **2,332,004**  
[13] A1

[51] **Int.Cl. 7B60K 11/06**  
[25] EN  
[54] **SNOWMOBILE INDUCTION SYSTEM**  
[54] **SYSTEME D'ADMISSION D'UNE MOTONEIGE**  
[72] ETOU, TOYOCHIKA, JP  
[72] AMANO, SHINOBU, JP  
[72] YAMAMOTO, MASANOBU, JP  
[71] YAMAHA MOTOR CORPORATION, U.S.A., US  
[85] 2000-10-05  
[86] 2000-02-22 (PCT/US00/04405)  
[87] 2001-01-25 (WO01/05613)  
[30] JP (11/42313) 1999-02-19

[21] **2,332,006**  
[13] A1

[51] **Int.Cl. 6G01N 27/24 6G01M 3/40**  
[25] EN  
[54] **INSPECTION METHOD FOR SEALED PACKAGE**  
[54] **PROCEDE D'INSPECTION POUR EMBALLAGE HERMETIQUE**  
[72] YASUMOTO, KENJI, JP  
[71] JOVEN DENKI KABUSHIKI KAISHA, JP  
[85] 2000-11-14  
[86] 1999-06-25 (PCT/JP99/03447)  
[87] 2000-01-20 (WO00/03239)  
[30] JP (10/211868) 1998-07-10  
[30] JP (11/162937) 1999-06-09

[21] **2,332,007**  
[13] A1

[51] **Int.Cl. 7A61K 31/505 7C07D 487/12 7C07D 239/70**  
[25] EN  
[54] **ADENOSINE A3 RECEPTOR MODULATORS**  
[54] **MODULATEURS DES RECEPTEURS DE L'ADENOSINE A3**  
[72] BOREA, PIER ANDREA, IT  
[72] BARALDI, PIER GIOVANNI, IT  
[71] MEDCO RESEARCH INC., US  
[85] 2000-11-14  
[86] 1999-09-15 (PCT/US99/21103)  
[87] 2000-03-23 (WO00/15231)  
[30] US (09/154,435) 1998-09-16  
[30] US (09/379,300) 1999-08-23

[21] **2,332,008**  
[13] A1

[51] **Int.Cl. 7G06F 12/14 7G11B 20/00 7G11B 20/12**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR PROVIDING COPY-PROTECTION ON A STORAGE MEDIUM BY RANDOMIZING LOCATIONS UPON WRITE ACCESS, AND A PLAYER AND A STORAGE MEDIUM FOR USE IN SUCH A SYSTEM**  
[54] **PROCEDE ET SYSTEME DE PROTECTION CONTRE LA COPIE SUR UN SUPPORT MEMOIRE AU MOYEN DE LA RANDOMISATION DES EMBLEMEMENTS LORS D'UN ACCES ECRITURE, ET UN LECTEUR ET UN SUPPORT A UTILISE DANS UN TEL SYSTEME**  
[72] STARING, ANTONIUS A. M., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2000-11-14  
[86] 2000-03-14 (PCT/EP00/02276)  
[87] 2000-09-21 (WO00/55736)  
[30] EP (99200776.5) 1999-03-15

[21] **2,332,009**  
[13] A1

[51] **Int.Cl. 6G06F 15/163 6G06F 9/00 6G06F 9/46**  
[25] EN  
[54] **SYSTEM AND METHODS FOR OBJECT-ORIENTED CONTROL OF DIVERSE ELECTROMECHANICAL SYSTEMS USING A COMPUTER NETWORK**  
[54] **SYSTEME ET PROCEDES DE COMMANDE ORIENTEE OBJET DE DIVERS SYSTEMES ELECTROMECHANIQUES UTILISANT UN RESEAU INFORMATIQUE**  
[72] ADAMS, ROBERT A., US  
[72] ALLGOOD, OTTIE E., US  
[72] ROCKWELL, WILLIAM G., US  
[72] SUBLETT, JOHN W., US  
[72] WAHLQUIST, DANNY J., JR., US  
[72] FRANK, BRIAN S., US  
[72] GIORGIS, DANIEL P., US  
[72] FRANK, GERALD L., US  
[71] TRIDIUM, INC., US  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10711)  
[87] 1999-11-25 (WO99/60487)  
[30] US (60/085,539) 1998-05-15

[21] **2,332,010**  
[13] A1

[51] **Int.Cl. 6G06K 9/00**  
[25] EN  
[54] **EUCLIDEAN RECONSTRUCTION OF 3D SCENE FROM 2D IMAGES FOLLOWING A NON-RIGID TRANSFORMATION**  
[54] **RECONSTRUCTION EUCLIDIENNE DE SCENE TRIDIMENSIONNELLE, A PARTIR D'IMAGES BIDIMENSIONNELLES, A LA SUITE D'UNE TRANSFORMATION NON RIGIDE**  
[72] ALBECK, DAN, IL  
[72] SHASHUA, AMNON, IL  
[71] YISSUM RESEARCH DEVELOPMENT COMPANY, IL  
[71] COGNITENS, LTD., IL  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/IB99/01226)  
[87] 1999-11-18 (WO99/59100)  
[30] US (60/085,501) 1998-05-14  
[30] US (60/096,359) 1998-08-13

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[21] **2,332,011**  
[13] A1

[51] **Int.Cl. 6F23G 5/14 6F23L 7/00 6F23G 5/30**  
[25] EN  
[54] **METHOD FOR THE HEAT TREATMENT OF SOLIDS**  
[54] **PROCEDE DE TRAITEMENT THERMIQUE DE MATIERES SOLIDES**  
[72] RUEEGG, HANS, CH  
[72] STOFFEL, BEAT, CH  
[71] ALSTROM POWER (SCHWEIZ) AG, CH  
[85] 2000-11-14  
[86] 1999-05-10 (PCT/CH99/00192)  
[87] 1999-11-18 (WO99/58902)  
[30] EP (98810424.6) 1998-05-11  
[30] EP (98810570.6) 1998-06-22

[21] **2,332,012**  
[13] A1

[51] **Int.Cl. 6A61F 13/02 6A61F 13/00 6A61L 15/58**  
[25] EN  
[54] **LAMINATE FOR APPLICATION ONTO AN ACCEPTOR**  
[54] **LAMINE A APPLIQUER SUR UN ACCEPTEUR**  
[72] VON FALKENHAUSEN, CHRISTIAN, DE  
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE  
[85] 2000-11-14  
[86] 1999-04-29 (PCT/EP99/02897)  
[87] 1999-11-18 (WO99/58089)  
[30] DE (198 20 999.1) 1998-05-11

[21] **2,332,013**  
[13] A1

[51] **Int.Cl. 6B22F 9/04 6C01G 57/00 6C22B 5/02 6C01F 7/02 6C01G 25/02 6C22C 1/04 6C22F 1/04 6B22F 9/20**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF ULTRAFINE POWDERS**  
[54] **PROCEDE DE PRODUCTION DE POUDRES ULTRAFINES**  
[72] MCCORMICK, PAUL GERARD, AU  
[72] TZUZUKI, TAKUYA, AU  
[71] ADVANCED NANO TECHNOLOGIES PTY. LTD., AU  
[85] 2000-11-14  
[86] 1999-05-17 (PCT/AU99/00368)  
[87] 1999-11-25 (WO99/59754)  
[30] AU (PP 3557) 1998-05-15

[21] **2,332,014**  
[13] A1

[51] **Int.Cl. 6H04Q 7/36 6H04B 7/26**  
[25] EN  
[54] **MULTI-CELL TDMA RADIO COMMUNICATION THROUGH LIMITED SUBSETS OF TIME SLOTS**  
[54] **RADIOCOMMUNICATION AMRT A CELLULES MULTIPLES, PAR DES SOUS-ENSEMBLES LIMITEES D'INTERVALLES DE TEMPS**  
[72] CHARAS, PHILIPPE, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-14  
[86] 1999-04-29 (PCT/EP99/03034)  
[87] 1999-11-25 (WO99/60808)  
[30] EP (98201641.2) 1998-05-18

[21] **2,332,015**  
[13] A1

[51] **Int.Cl. 6E06B 3/32**  
[25] EN  
[54] **TURNABLE WINDOW ARRANGEMENT**  
[54] **AGENCEMENT DE FENETRE PIVOTANTE**  
[72] KARLSSON, ARNE, SE  
[71] AS SPILKA INTERNATIONAL LTD., NO  
[85] 2000-11-09  
[86] 1999-03-09 (PCT/NO99/00081)  
[87] 1999-09-16 (WO99/46472)  
[30] US (09/037,314) 1998-03-09

[21] **2,332,016**  
[13] A1

[51] **Int.Cl. 6C08F 8/30 6C08L 77/00**  
[25] EN  
[54] **POLYMERS CONTAINING NYLON AND HALOGENATED POLYMER**  
[54] **POLYMERES CONTENANT DU NYLON ET UN POLYMERE HALOGENE**  
[72] GHERGHEL, JASON CLIFFORD, US  
[72] GHERGHEL, RADU OLIMPIU, US  
[72] GHERGHEL, RADU DEAN, US  
[71] GHERGHEL, JASON CLIFFORD, US  
[71] GHERGHEL, RADU OLIMPIU, US  
[71] GHERGHEL, RADU DEAN, US  
[85] 2000-11-09  
[86] 1999-05-04 (PCT/US99/09708)  
[87] 1999-11-18 (WO99/58581)  
[30] US (09/076,718) 1998-05-13

[21] **2,332,017**  
[13] A1

[51] **Int.Cl. 6F41B 9/00 6F42B 33/06 6F41A 1/10**  
[25] EN  
[54] **LIQUID DISRUPTER WITH REDUCED RECOIL**  
[54] **DESACTIVATEUR A LIQUIDE DOTE D'UN RECOL REDUIT**  
[72] ELSENER, JOSEF, CA  
[71] PROPARMS LTD., CA  
[85] 2000-11-09  
[86] 1999-06-09 (PCT/CA99/00539)  
[87] 1999-12-16 (WO99/64808)  
[30] US (60/088,835) 1998-06-10

[21] **2,332,019**  
[13] A1

[51] **Int.Cl. 6C07C 251/60 6C07C 49/35 6C07C 251/38 6C07C 251/42 6C07C 251/50 6A01N 37/50 6C07C 251/52**  
[25] EN  
[54] **BISOXIMETHER DERIVATIVES, INTERMEDIATE PRODUCTS, AND THEIR USE FOR COMBATING FUNGICIDAL PESTS AND ANIMAL PESTS**  
[54] **DERIVES DE BISOXIMETHER, PROCEDES ET PRODUITS INTERMEDIAIRES POUR LEUR PREPARATION, AINSI QUE LEUR UTILISATION POUR LUTTER CONTRE LES PARASITES FONGIQUES ET LES PARASITES ANIMAUX**  
[72] SAUTER, HUBERT, DE  
[72] CULLMANN, OLIVER, DE  
[72] GYPSE, ANDREAS, DE  
[72] KEIL, MICHAEL, DE  
[72] GROTE, THOMAS, DE  
[72] HARRIES, VOLKER, DE  
[72] STRATHMANN, SIEGFRIED, DE  
[72] LORENZ, GISELA, DE  
[72] GRAMMENOS, WASSILIOS, DE  
[72] GEWEHR, MARKUS, DE  
[72] GOTZ, ROLAND, DE  
[72] MULLER, BERND, DE  
[72] PTOCK, ARNE, DE  
[72] BAYER, HERBERT, DE  
[72] AMMERMANN, EBERHARD, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2000-11-09  
[86] 1999-05-04 (PCT/EP99/03003)  
[87] 1999-11-25 (WO99/59982)  
[30] DE (198 21 604.1) 1998-05-14

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[21] **2,332,020**  
[13] A1

[51] **Int.Cl. 6A61B 17/80 6A61B 17/04**  
[25] EN  
[54] **BONE AUGMENTATION DEVICE**  
[54] **DISPOSITIF D'AUGMENTATION OSSEUSE**  
[72] HEHLI, MARKUS, CH  
[72] CURTIS, RAYMOND, CH  
[71] SYNTHES (U.S.A.), US  
[85] 2000-11-09  
[86] 1998-05-12 (PCT/EP98/02761)  
[87] 1999-11-18 (WO99/58073)

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[21] **2,332,021**  
[13] A1

[51] **Int.Cl. 6G01N 33/00 6G01N 33/48**  
[25] EN  
[54] **DIAGNOSIS OF PREDISPOSITION TO EPILEPSY AND MONITORING OF ANTI-EPILEPTIC TREATMENT**  
[54] **DIAGNOSTIC DE LA PREDISPOSITION A L'EPILEPSIE ET SURVEILLANCE DE TRAITEMENT ANTI-EPILEPTIQUE**  
[72] DOLINA, SVETLANA, IL  
[72] PRESSMAN, EUGENE, IL  
[72] RABINKOV, AARON, IL  
[71] ADVANCED NEUROPROTECTIVE SYSTEMS LTD., IL  
[85] 2000-11-09  
[86] 1999-05-12 (PCT/IL99/00252)  
[87] 1999-11-18 (WO99/58968)  
[30] IL (124444) 1998-05-12

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[21] **2,332,023**  
[13] A1

[51] **Int.Cl. 6H04L 12/28 6H04L 12/56**  
[25] EN  
[54] **NOMADIC TRANSLATOR OR ROUTER**  
[54] **ROUTEUR OU TRADUCTEUR NOMADE**  
[72] SHORT, JOEL E., US  
[72] KLEINROCK, LEONARD, US  
[71] NOMADIX, INC., US  
[85] 2000-11-06  
[86] 1999-03-11 (PCT/US99/05260)  
[87] 1999-09-16 (WO99/46890)  
[30] US (09/041,534) 1998-03-12

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[21] **2,332,024**  
[13] A1

[51] **Int.Cl. 6D06F 37/04 6D06F 31/00 6D06F 21/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTAINING AND AGITATING THE CONTENTS OF A CONTAINER**  
[54] **PROCEDE ET APPAREIL POUR ENFERMER ET AGITER DES MATIERES DANS UN CONTENEUR**  
[72] BURLINGTON, GEOFFREY MICHAEL, GB  
[72] WELLS, SIMON PAUL, GB  
[72] MONTEIRO, ANDRE FRASER, GB  
[71] NOTETRY LIMITED, GB  
[85] 2000-11-09  
[86] 1999-05-11 (PCT/GB99/01460)  
[87] 1999-11-18 (WO99/58753)  
[30] GB (9810173.6) 1998-05-12

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[21] **2,332,025**  
[13] A1

[51] **Int.Cl. 6A61B 6/00**  
[25] EN  
[54] **MEASURING NITRIC OXIDE CONCENTRATION IN TISSUE**  
[54] **MESURE DE LA CONCENTRATION DU MONOXYDE D'AZOTE DANS LES TISSUS**  
[72] ANBAR, MICHAEL, US  
[71] OMNICORDER TECHNOLOGIES, INC., US  
[85] 2000-11-06  
[86] 1999-04-22 (PCT/US99/08837)  
[87] 2000-01-27 (WO00/03640)  
[30] US (09/076,532) 1998-05-12

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[21] **2,332,026**  
[13] A1

[51] **Int.Cl. 6G10L 9/14 6G10L 3/00**  
[25] EN  
[54] **SPEECH ENCODING**  
[54] **CODAGE DE LA PAROLE**  
[72] XYDEAS, COSTAS, GB  
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB  
[85] 2000-11-09  
[86] 1999-05-07 (PCT/GB99/01440)  
[87] 1999-11-18 (WO99/59137)  
[30] GB (9809820.5) 1998-05-09

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[21] **2,332,027**  
[13] A1

[51] **Int.Cl. 7H02G 1/12**  
[25] EN  
[54] **METHOD FOR PREPARING COAXIAL CABLES WITH AN EXTERNAL RINGED CONDUCTOR, AND TOOL THEREFOR**  
[54] **METHODE DE PREPARATION DE CABLES COAXIAUX AVEC UN CONDUCTEUR EXTERIEUR ANNELE, ET OUTIL A CET EFFET**  
[72] ANDREESCU, PAUL, BE  
[71] SEE SPRL, BE  
[85] 2000-11-06  
[86] 2000-02-25 (PCT/EP00/01548)  
[87] 2000-09-08 (WO00/52801)  
[30] BE (9900148) 1999-03-04

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[21] **2,332,028**  
[13] A1

[51] **Int.Cl. 6B29C 45/52**  
[25] EN  
[54] **SLIDING RING NON-RETURN VALVE**  
[54] **CLAPET DE NON-RETOUR A BAGUE COULISSANTE**  
[72] DRAY, ROBERT F., US  
[71] DRAY, ROBERT F., US  
[85] 2000-11-06  
[86] 1999-05-04 (PCT/US99/06564)  
[87] 1999-11-11 (WO99/57466)  
[30] US (09/072,321) 1998-05-04

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[21] **2,332,029**  
[13] A1

[51] **Int.Cl. 6H04Q 7/32**  
[25] EN  
[54] **A METHOD AND AN ARRANGEMENT IN A WIRELESS COMMUNICATION SYSTEM**  
[54] **PROCEDE ET CONCEPTION RELATIFS A UN SYSTEME DE RADIOCOMMUNICATION**  
[72] PETTERSSON, MATS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-06  
[86] 1999-05-03 (PCT/SE99/00734)  
[87] 1999-11-18 (WO99/59360)  
[30] SE (9801612-4) 1998-05-08

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[21] **2,332,030**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/32 6H04Q 7/30 6H04Q 7/38**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DELIVERING A CALL FOR A MOBILE STATION USING EITHER A WIRELESS NETWORK OR A WIRELINE NETWORK**  
[54] **SYSTEME ET METHODE DE DISTRIBUTION D'APPEL POUR UNE STATION MOBILE, AU MOYEN D'UN RESEAU SANS FIL OU D'UN RESEAU PAR FIL**  
[72] KIM, SHAWN, US  
[72] ABIDI, ABBAS, US  
[71] ERICSSON INC., US  
[85] 2000-11-09  
[86] 1999-04-28 (PCT/US99/09246)  
[87] 1999-12-09 (WO99/63776)  
[30] US (09/089,790) 1998-06-03

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[21] **2,332,031**  
[13] A1  
[51] **Int.Cl. 6B60P 3/00**  
[25] EN  
[54] **STRADDLE CARRIER WITH SLAB AND COIL TONGS**  
[54] **CAVALIER TRANSPORTEUR A PINCES COMBINEES POUR BRAMES ET BOBINES**  
[72] THOMAS, DENNIS R., US  
[71] KRESS CORPORATION, US  
[85] 2000-11-06  
[86] 1999-05-06 (PCT/US99/09895)  
[87] 1999-11-11 (WO99/56985)  
[30] US (60/084,570) 1998-05-07

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[21] **2,332,033**  
[13] A1  
[51] **Int.Cl. 6B02C 19/06**  
[25] EN  
[54] **CONTROLLED COMMINUTION OF MATERIALS IN A WHIRL CHAMBER**  
[54] **PROCEDE DE BROYAGE CONTROLE DE MATERIAUX DANS UNE CHAMBRE A TURBULENCE**  
[72] BELIAVSKY, YAN, IL  
[71] SUPER FINE LTD., IL  
[85] 2000-11-09  
[86] 1998-05-22 (PCT/IL98/00234)  
[87] 1998-11-26 (WO98/52694)  
[30] US (08/862,372) 1997-05-23

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[21] **2,332,034**  
[13] A1  
[51] **Int.Cl. 7G11C 16/22 7G06F 1/00**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR PROVIDING COPY-PROTECTION ON A STORAGE MEDIUM AND STORAGE MEDIUM FOR USE IN SUCH A SYSTEM**  
[54] **PROCEDE ET SYSTEME ASSURANT LA PROTECTION CONTRE LA COPIE SUR UN SUPPORT MEMOIRE ET SUPPORT MEMOIRE DESTINE A ETRE UTILISE DANS UN TEL SYSTEME**  
[72] TOL, RONALD M., NL  
[72] JOCHEMSEN, ROBERT, NL  
[72] IJDENS, PIETER B., NL  
[72] STARING, ANTONIUS A. M., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2000-11-14  
[86] 2000-03-14 (PCT/EP00/02274)  
[87] 2000-09-21 (WO00/55861)  
[30] EP (99200776.5) 1999-03-15  
[30] EP (99200930.8) 1999-03-26

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[21] **2,332,035**  
[13] A1  
[51] **Int.Cl. 6A61K 31/40 6A61K 31/165 6A61K 31/195 6A61K 31/495**  
[25] EN  
[54] **AMIDE THERAPEUTICS FOR THE TREATMENT OF INFLAMMATORY BOWEL DISEASE**  
[54] **MEDICAMENT A BASE D'AMIDE, 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/US99/10443)  
[87] 1999-11-25 (WO99/59582)  
[30] US (60/085,990) 1998-05-19

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[21] **2,332,036**  
[13] A1  
[51] **Int.Cl. 7B04C 3/06 7B04C 3/00 7D21D 5/24**  
[25] EN  
[54] **THROUGH-FLOW HYDROCYCLONE AND THREE-WAY CLEANER**  
[54] **NETTOYEUR HYDROCYCLONE TROIS VOIES A DEBIT TRAVERSIER**  
[72] GRIMES, DAVID B., US  
[71] BELOIT TECHNOLOGIES, INC., US  
[85] 2000-11-06  
[86] 1999-11-10 (PCT/US99/26780)  
[87] 2000-05-25 (WO00/29123)  
[30] US (09/191,730) 1998-11-13

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[21] **2,332,037**  
[13] A1  
[51] **Int.Cl. 7G11B 7/24 7G11B 7/26**  
[25] EN  
[54] **DVD DISC WITH FOUR INFORMATION LAYERS, AND METHOD FOR MAKING SAME**  
[54] **DISQUE DVD AVEC QUATRE COUCHES D'INFORMATION ET SON PROCEDE DE FABRICATION**  
[72] STEVENS, PAUL MARK, US  
[71] WARNER MUSIC GROUP, INC., US  
[85] 2000-11-06  
[86] 2000-03-03 (PCT/US00/00209)  
[87] 2000-10-05 (WO00/58081)  
[30] US (60/126,349) 1999-03-26  
[30] US (09/323,334) 1999-06-01

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[21] **2,332,038**  
[13] A1  
[51] **Int.Cl. 6A61K 31/715 6A61K 9/08**  
[25] EN  
[54] **NOVEL PHARMACEUTICAL COMPOSITION FOR USE IN EMERGENCY TREATMENT AND PREPARATION METHOD THEREOF**  
[54] **NOUVELLE COMPOSITION PHARMACEUTIQUE POUR TRAITEMENT D'URGENCE ET SON PROCEDE DE PREPARATION**  
[72] ZHAO, CHAOYING, CN  
[71] ZHAO, CHAOYING, CN  
[85] 2000-11-14  
[86] 1999-04-16 (PCT/CN99/00055)  
[87] 1999-11-25 (WO99/59602)  
[30] CN (98 1 08902.X) 1998-05-15

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<p style="text-align: right;">[21] <b>2,332,039</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 49/00 6A61F 9/007</b> [25] EN [54] <b>THE USE OF A VITAL DYE FOR FACILITATING SURGICAL PROCEDURES FOR VITREO-RETINAL SURGERY</b> [54] <b>EMPLOI DE COLORANT VITAL POUR FACILITER DES INTERVENTIONS EN CHIRURGIE VITREO-RETINIENNE</b> [72] MELLES, GERRIT REINOLD JACOB, NL [71] MELLES, GERRIT REINOLD JACOB, NL [85] 2000-11-06 [86] 1999-05-07 (PCT/NL99/00283) [87] 1999-11-18 (WO99/58159) [30] EP (98201542.2) 1998-05-08 [30] EP (98202751.8) 1998-08-17</p>	<p style="text-align: right;">[21] <b>2,332,041</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 47/00 6B29C 47/10 6B27N 3/28 6B29C 47/40</b> [25] EN [54] <b>PROCESS FOR CONTINUOUSLY MANUFACTURING COMPOSITES OF POLYMER AND CELLULOSIC FIBRES, AND COMPOUNDED MATERIALS OBTAINED THEREWITH</b> [54] <b>PROCEDE DE PRODUCTION EN CONTINU DE COMPOSITES DE POLYMERES ET DE FIBRES CELLULOSIQUES ET MATERIAUX COMPOSES AINSI OBTENUS</b> [72] SNIJDER, MARTINUS HENDRICUS BERNARD, NL [72] VAN KEMENADE, MATHEA JOHANNA JOSEPH MARIA, NL [72] BOS, HARRIETTE LOUISE, NL [71] INSTITUUT VOOR AGROTECHNOLOGISCH ONDERZOEK (ATO-DLO), NL [85] 2000-11-07 [86] 1999-05-07 (PCT/NL99/00282) [87] 1999-11-11 (WO99/56936) [30] EP (98201497.9) 1998-05-07</p>	<p style="text-align: right;">[21] <b>2,332,044</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 43/26</b> [25] EN [54] <b>ENCAPSULATED BREAKER SLURRY COMPOSITIONS AND METHODS OF USE</b> [54] <b>COMPOSITIONS ENCAPSULEES DE SUSPENSION DE VISCOREDUCTEUR ET PROCEDES D'UTILISATION</b> [72] MUIR, DAVID J., CA [72] IRWIN, MICHAEL J., CA [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2000-11-06 [86] 1999-05-11 (PCT/US99/10362) [87] 1999-12-09 (WO99/63199) [30] US (09/087,282) 1998-05-29</p>
<p style="text-align: right;">[21] <b>2,332,040</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23Q 9/00</b> [25] EN [54] <b>COMBINATION SAW GUIDE AND GAUGE</b> [54] <b>COMBINAISON D'UN DISPOSITIF DE GUIDAGE D'UNE SCIE ET D'UN GABARIT</b> [72] DARNELL, CLETE, US [71] DARNELL, CLETE, US [85] 2000-11-14 [86] 1999-05-25 (PCT/US99/11483) [87] 1999-12-23 (WO99/65647) [30] US (60/089,605) 1998-06-17 [30] US (60/094,488) 1998-07-29</p>	<p style="text-align: right;">[21] <b>2,332,042</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 45/84 6C07C 47/04</b> [25] EN [54] <b>DEWATERING PROCESS</b> [54] <b>PROCEDE DE DESHYDRATATION</b> [72] PARTEN, WILLIAM DAVID, GB [71] INEOS ACRYLICS UK LIMITED, GB [85] 2000-11-14 [86] 1999-06-01 (PCT/GB99/01724) [87] 1999-12-16 (WO99/64387) [30] GB (9812083.5) 1998-06-05</p>	<p style="text-align: right;">[21] <b>2,332,045</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 10/00</b> [25] EN [54] <b>POLYMERIZATION PROCESS USING AN IMPROVED BULKY LIGAND METALLOCENE-TYPE CATALYST SYSTEM</b> [54] <b>PROCEDE DE POLYMERISATION FAISANT APPEL A UN SYSTEME AMELIORE DE CATALYSEUR DE TYPE METALLOCENE A LIGAND VOLUMINEUX</b> [72] MCCULLOUGH, LAUGHLIN G., US [71] UNIVATION TECHNOLOGIES LLC, US [85] 2000-11-06 [86] 1999-08-12 (PCT/US99/18368) [87] 2000-03-02 (WO00/11047) [30] US (60/097,401) 1998-08-21 [30] US (09/191,916) 1998-11-13</p>
<p style="text-align: right;">[21] <b>2,332,043</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/32 6A61L 2/10 6B01J 19/12 6A61M 1/36</b> [25] EN [54] <b>ULTRAVIOLET TREATMENT FOR AQUEOUS LIQUIDS</b> [54] <b>TRAITEMENT AUX ULTRAVIOLETS POUR LIQUIDES AQUEUX</b> [72] HALLETT, DOUGLAS J., CA [72] HALLETT, RONALD C., CA [71] HALLETT, DOUGLAS J., CA [71] HALLETT, RONALD C., CA [85] 2000-11-14 [86] 1999-05-13 (PCT/CA99/00435) [87] 1999-11-18 (WO99/58453) [30] US (09/076,902) 1998-05-13 [30] CA (2,255,563) 1998-12-14</p>	<p style="text-align: right;">[21] <b>2,332,046</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 3/00</b> [25] EN [54] <b>A MANAGEMENT COMPONENT OF A SIGNALLING TRANSFER POINT</b> [54] <b>COMPOSANTE DE GESTION D'UN POINT DE TRANSFERT DE SIGNALISATION</b> [72] SCHWARZBAUER, HANNS, DE [72] GRADISCHNIG, KLAUS, DE [71] SIEMENS AKTIENGESSELLSCHAFT, DE [85] 2000-11-06 [86] 1999-05-04 (PCT/DE99/01336) [87] 1999-12-23 (WO99/66693) [30] DE (198 20 689.5) 1998-05-08</p>	



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[21] **2,332,047**  
[13] A1

[51] **Int.Cl. 6H01J 49/14 6H01J 49/04 6H01J 49/16**  
[25] EN  
[54] **METASTABLE ATOM BOMBARDMENT SOURCE**  
[54] **SOURCE DE BOMBARDEMENT D'ATOMES METASTABLES**  
[72] FAUBERT, DENIS, CA  
[72] BERTRAND, MICHEL J., CA  
[72] L'HEUREUX, ANDRE, CA  
[72] PERALDI, OLIVIER, CA  
[71] UNIVERSITE DE MONTREAL, CA  
[85] 2000-11-14  
[86] 1999-06-01 (PCT/CA99/00502)  
[87] 1999-12-09 (WO99/63577)  
[30] US (09/088,079) 1998-06-01

[21] **2,332,048**  
[13] A1

[51] **Int.Cl. 6H04B 3/54 6H04L 12/28**  
[25] EN  
[54] **BROADBAND COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION A LARGE BANDE**  
[72] TASTO, MANFRED, DE  
[72] ARETZ, KURT, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-11-06  
[86] 1999-05-03 (PCT/DE99/01295)  
[87] 1999-11-18 (WO99/59261)  
[30] DE (198 20 760.3) 1998-05-08

[21] **2,332,049**  
[13] A1

[51] **Int.Cl. 6H04N 7/01**  
[25] EN  
[54] **WIDE-BAND MULTI-FORMAT AUDIO/VIDEO PRODUCTION SYSTEM WITH FRAME-RATE CONVERSION**  
[54] **SYSTEME DE PRODUCTION AUDIO/VIDEO, MULTI-FORMAT, A LARGE BANDE ET A CONVERSION DES FREQUENCES DE TRAMES**  
[72] WASHINO, KINYA, US  
[71] WASHINO, KINYA, US  
[85] 2000-11-06  
[86] 1999-05-07 (PCT/US99/10081)  
[87] 1999-11-11 (WO99/57897)  
[30] US (60/084,522) 1998-05-07  
[30] US (09/305,953) 1999-05-06

[21] **2,332,050**  
[13] A1

[51] **Int.Cl. 6C22B 3/32 6C22B 7/00 6C02F 9/00 6B09C 1/02 6C07C 229/24 6C22B 3/28 6C22B 3/46 6C02F 1/68**  
[25] EN  
[54] **PROCESS FOR SEPARATION OF HEAVY METALS FROM RESIDUES BY USE OF ETHYLENE-DIAMINE-DISUCCINIC ACID (EDDS) COMPLEXANT**  
[54] **PROCEDE PERMETTANT DE SEPARER DES METAUX LOURDS DE RESIDUS AU MOYEN D'UN AGENT COMPLEXANT A BASE D'ACIDE ETHYLENEDIAMINE-DISUCCINIQUE (EDDS)**  
[72] FEIJTEL, TOM CORNELIS JAN, BE  
[72] SCHOWANEK, DIEDERIK RUDOLF, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-14  
[86] 1999-06-11 (PCT/US99/13009)  
[87] 1999-12-23 (WO99/66084)  
[30] GB (9813234.3) 1998-06-19

[21] **2,332,051**  
[13] A1

[51] **Int.Cl. 6H01M 4/96 6H01M 8/18**  
[25] EN  
[54] **CARBON BASED ELECTRODES**  
[54] **ELECTRODES A BASE DE CARBONE**  
[72] CALVER, TIMOTHY JAMES, GB  
[72] MITCHELL, PHILIP JOHN, GB  
[72] WHYTE, IAN, GB  
[72] MALE, STEWART ERNEST, GB  
[71] NATIONAL POWER PLC, GB  
[85] 2000-11-06  
[86] 1999-05-05 (PCT/GB99/01396)  
[87] 1999-11-11 (WO99/57775)  
[30] GB (9809773.6) 1998-05-07

[21] **2,332,052**  
[13] A1

[51] **Int.Cl. 6A45D 40/04**  
[25] EN  
[54] **DISPENSING PACKAGE**  
[54] **CONDITIONNEMENT DISTRIBUTEUR**  
[72] DORNBUSCH, ARTHUR HAROLD, US  
[72] DAVIS, JOHN ROBERT, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-14  
[86] 1999-06-09 (PCT/US99/13077)  
[87] 1999-12-23 (WO99/65356)  
[30] US (09/094,787) 1998-06-15

[21] **2,332,053**  
[13] A1

[51] **Int.Cl. 6F16K 31/06**  
[25] EN  
[54] **ELECTRICALLY ACTUATED REED VALVE**  
[54] **SOUPAPE FLEXIBLE A ACTIONNEMENT ELECTRIQUE**  
[72] REDLICH, ROBERT W., US  
[71] REDLICH, ROBERT W., US  
[85] 2000-11-14  
[86] 1999-05-21 (PCT/US99/11245)  
[87] 1999-12-09 (WO99/63258)  
[30] US (09/087,115) 1998-05-29

[21] **2,332,054**  
[13] A1

[51] **Int.Cl. 6C07F 15/00 6A61K 31/28**  
[25] EN  
[54] **PLATINUM COMPLEX, ITS PREPARATION AND THERAPEUTIC APPLICATION**  
[54] **COMPLEXE DE PLATINE, SA PREPARATION ET SA MISE EN APPLICATION THERAPEUTIQUE**  
[72] MELKA, MILAN, CZ  
[72] POULOVA, ANNA, CZ  
[72] MISTR, ADOLF, CZ  
[72] ZAK, FRANTISEK, CZ  
[72] ZALUSKA, DANA, CZ  
[72] TURANEK, JAROSLAV, CZ  
[71] PLIVA-LACHEMA A.S., CZ  
[85] 2000-11-09  
[86] 1999-05-24 (PCT/CZ99/00015)  
[87] 1999-12-02 (WO99/61451)  
[30] CZ (PV 1628-98) 1998-05-27

[21] **2,332,055**  
[13] A1

[51] **Int.Cl. 6F25B 9/02 6A61B 17/36**  
[25] EN  
[54] **PRECOOLING SYSTEM FOR JOULE-THOMSON PROBE**  
[54] **SYSTEME DE PREREFRIGERATION POUR SONDE DE TYPE JOULE-THOMSON**  
[72] BROWN, TERRY L., US  
[72] GHAERZADEH, KAMBIZ, US  
[72] YU, XIAOYU, US  
[72] DOBAK, JOHN D., III, US  
[71] CRYOGEN, INC., US  
[85] 2000-11-06  
[86] 1999-05-06 (PCT/US99/10054)  
[87] 1999-11-11 (WO99/57494)  
[30] US (09/075,374) 1998-05-07

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<p>[21] <b>2,332,056</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 210/02 7C08F 4/643</b> [25] EN [54] <b>HALOARYL CONTAINING GROUP 13 SUBSTITUENTS ON BRIDGED METALLOCENE POLYOLEFIN CATALYSTS</b> [54] <b>SUBSTITUANTS DU GROUPE 13 CONTENANT UN HALO-ARYLE SUR CATALYSEURS DE POLYOLEFINE A BASE DE METALLOCENE PONTE</b> [72] HOLT CAMP, MATTHEW W., US [71] UNIVATION TECHNOLOGIES, LLC, US [85] 2000-11-06 [86] 1999-11-30 (PCT/US99/28323) [87] 2000-06-29 (WO00/37513) [30] US (60/112,900) 1998-12-18</p>	<p>[21] <b>2,332,116</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/56</b> [25] EN [54] <b>EXPLICIT RATE MARKING FOR FLOW CONTROL IN ATM NETWORKS</b> [54] <b>MARQUAGE DE DEBIT EXPLICITE POUR CONTROLE DE FLUX DANS DES RESEAUX ATM</b> [72] ZHAI, WENGANG, US [72] WANG, PING, US [72] YANG, TAO, US [71] ASCEND COMMUNICATIONS, INC., US [85] 2000-11-10 [86] 1999-05-17 (PCT/US99/10807) [87] 1999-11-25 (WO99/60758) [30] US (60/085,589) 1998-05-15</p>	<p>[21] <b>2,332,118</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 9/62 6G06K 9/68</b> [25] EN [54] <b>IMAGE RECOGNITION AND CORRELATION SYSTEM</b> [54] <b>SYSTEME DE CORRELATION ET DE RECONNAISSANCE D'IMAGE</b> [72] ROTH, SCOTT, US [72] BUSHMAN, THOMAS, US [72] MANICKAM, SWAMI, US [71] DATACUBE, INC., US [85] 2000-11-10 [86] 1999-05-18 (PCT/US99/10815) [87] 1999-11-25 (WO99/60517) [30] US (60/085,862) 1998-05-18</p>
<p>[21] <b>2,332,057</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/30</b> [25] EN [54] <b>A CO-PRESENCE DATA RETRIEVAL SYSTEM WHICH INDICATES OBSERVERS OF DATA</b> [54] <b>SYSTEME D'EXTRACTION DE DONNEES GERANT LA CO-PRESENCE ET INDIQUANT DES OBSERVATEURS DE DONNEES</b> [72] SHAFRIR, AVNER, IL [72] SHAPIRO, EHUD, IL [71] UBIQUE LTD., IL [85] 2000-11-06 [86] 1999-05-06 (PCT/IL99/00239) [87] 1999-11-11 (WO99/57653) [30] US (09/074,527) 1998-05-07</p>	<p>[21] <b>2,332,117</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/18</b> [25] EN [54] <b>AUTOMATIC MONITORING AND CONTROL OF THE SURFACTANT CONTENT IN AQUEOUS PROCESS SOLUTIONS</b> [54] <b>DETERMINATION AUTOMATIQUE DE LA SOLLICITATION DE SOLUTIONS NETTOYANTES AQUEUSES AVEC DES COMPOSES CONTENANT DU CARBONE</b> [72] KLING, HANS-WILLI, DE [72] OPITZ, WERNER, DE [72] SCHENZLE, BERND, DE [72] BARTIK-HIMMLER, IBOLYA, DE [72] KREY, WOLFGANG, DE [72] WIMSCHNEIDER, ANDREA, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2000-11-09 [86] 1999-04-30 (PCT/EP99/02941) [87] 1999-11-18 (WO99/58969) [30] DE (198 20 800.6) 1998-05-09</p>	<p>[21] <b>2,332,119</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 8/04 6H01M 8/00 6B60L 11/18</b> [25] EN [54] <b>FUEL CELL SYSTEM AND ELECTRIC CAR MOUNTING IT AND STARTING CONTROL METHOD FOR FUEL CELL SYSTEM</b> [54] <b>DISPOSITIF DE PILE A COMBUSTIBLE, VOITURE ELECTRIQUE DANS LAQUELLE CETTE DERNIERE EST UTILISEE ET PROCEDE DE COMMANDE DE DEMARRAGE DE CETTE DERNIERE</b> [72] ISHIKAWA, SEIJI, JP [71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP [85] 2000-11-10 [86] 1999-02-19 (PCT/JP99/00758) [87] 1999-11-18 (WO99/59217) [30] JP (10/152111) 1998-05-14</p>
<p>[21] <b>2,332,058</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E06B 3/30 6E06B 7/14 6E06B 7/23 6E06B 3/263</b> [25] EN [54] <b>FRAME CLADDING FOR THE THERMAL INSULATION OF WINDOWS</b> [54] <b>PAREMENT DE CADRE POUR L'ISOLATION THERMIQUE DE FENETRES</b> [72] KOLASCHNIK, ACHIM KLAUS, DE [71] KOLASCHNIK, ACHIM KLAUS, DE [85] 2000-11-06 [86] 1999-04-28 (PCT/DE99/01266) [87] 1999-11-18 (WO99/58801) [30] DE (198 22 128.2) 1998-05-07</p>	<p>[21] <b>2,332,123</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C03B 37/027</b> [25] EN [54] <b>METHOD OF MAKING A GLASS PREFORM</b> [54] <b>PROCEDE DE FABRICATION DE PREFORME EN VERRE</b> [72] BERKEY, GEORGE E., US [72] CHU, POLLY W., US [72] QI, GANG, US [72] MOORE, LISA A., US [72] CROSSLAND, CARL E., US [72] SOLOSKY, JOHN W., US [71] CORNING INCORPORATED, US [85] 2000-11-10 [86] 1999-04-14 (PCT/US99/08158) [87] 1999-12-02 (WO99/61380) [30] US (60/087,224) 1998-05-29</p>	

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[21] **2,332,125**  
[13] A1

[51] **Int.Cl. 6G02B 5/30 6C03B 37/00 6C03C 15/00**  
[25] EN  
[54] **ULTRA-THIN GLASS POLARIZERS AND METHOD OF MAKING SAME**  
[54] **VERRES POLARISANTS ULTRA-MINCES ET LEUR PROCEDE DE FABRICATION**  
[72] GROSSMAN, DAVID G., US  
[72] BORRELLI, NICHOLAS F., US  
[72] HASUI, KENJIRO, JP  
[72] MORDARSKI, JEANNE M., US  
[72] MANN, LARRY G., US  
[71] CORNING INCORPORATED, US  
[85] 2000-11-10  
[86] 1999-04-06 (PCT/US99/07521)  
[87] 1999-11-18 (WO99/59006)  
[30] US (60/085,464) 1998-05-14

[21] **2,332,134**  
[13] A1

[51] **Int.Cl. 6C11D 3/39 6D21H 11/00 6C07D 257/02 6C07D 257/10 6D21C 9/16 6C02F 1/72**  
[25] EN  
[54] **METAL LIGAND CONTAINING BLEACHING COMPOSITIONS**  
[54] **COMPOSITIONS DE BLANCHIMENT CONTENANT DES COMPLEXES METAUX-LIGANDS**  
[72] COLLINS, TERRENCE J., US  
[72] HORWITZ, COLIN P., US  
[71] CARNEGIE MELLON UNIVERSITY, US  
[85] 2000-11-10  
[86] 1999-05-10 (PCT/US99/10157)  
[87] 1999-11-18 (WO99/58634)  
[30] US (09/075,598) 1998-05-11

[21] **2,332,136**  
[13] A1

[51] **Int.Cl. 6G01V 1/38 6G01V 1/26**  
[25] EN  
[54] **SEISMIC SURVEY SYSTEM**  
[54] **SYSTEME DE RELEVÉ SISMIQUE**  
[72] LONGAKER, HAROLD L., US  
[71] TRIMBLE NAVIGATION LIMITED, US  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10722)  
[87] 1999-11-25 (WO99/60424)  
[30] US (09/080,019) 1998-05-15

[21] **2,332,137**  
[13] A1

[51] **Int.Cl. 6F01L 9/02**  
[25] EN  
[54] **AN AIR-FUEL MODULE ADAPTED FOR AN INTERNAL COMBUSTION ENGINE**  
[54] **MODULE AIR-CARBURANT ADAPTE A UN MOTEUR A COMBUSTION INTERNE**  
[72] STURMAN, ODED E., US  
[71] STURMAN INDUSTRIES, INC., US  
[85] 2000-11-14  
[86] 1999-05-13 (PCT/US99/11065)  
[87] 1999-11-18 (WO99/58822)  
[30] US (09/078,881) 1998-05-14

[21] **2,332,139**  
[13] A1

[51] **Int.Cl. 6C08L 23/08 6C08J 5/18 6D01F 6/30 6D01F 6/46**  
[25] EN  
[54] **ARTICLES HAVING ELEVATED TEMPERATURE ELASTICITY MADE FROM IRRADIATED AND CROSSLINKED ETHYLENE POLYMERS AND METHOD FOR MAKING THE SAME**  
[54] **ARTICLES EN POLYMERES D'ETHYLENE IRRADIES ET RETICULES CONSERVANT LEUR ELASTICITE A CHAUD, ET LEUR PROCEDE DE FABRICATION**  
[72] PATEL, RAJEN M., US  
[72] LANGOHR, MICHAEL F., US  
[72] HO, THOI H., US  
[72] MARTIN, JILL M., US  
[72] BENSASON, SELIM, US  
[72] SCHROCK, NANCY J., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-11-14  
[86] 1999-05-18 (PCT/US99/11031)  
[87] 1999-11-25 (WO99/60060)  
[30] US (60/086,059) 1998-05-18

[21] **2,332,143**  
[13] A1

[51] **Int.Cl. 6D06M 13/338 6D06M 11/76**  
[25] EN  
[54] **CROSSLINKED ACRYLIC HYGROSCOPIC FIBER AND PROCESS FOR PRODUCING THE SAME**  
[54] **FIBRE HYGROSCOPIQUE ACRYLIQUE RETICULEE ET SON PROCEDE DE PRODUCTION**  
[72] TAKAHASHI, HAYASHI, JP  
[72] MATSUMOTO, HIDEO, JP  
[71] TOHO RAYON CO., LTD., JP  
[85] 2000-11-14  
[86] 1999-10-28 (PCT/JP99/05974)  
[87] 2000-09-21 (WO00/55417)  
[30] JP (11/74332) 1999-03-18

[21] **2,332,144**  
[13] A1

[51] **Int.Cl. 6B27N 3/18 6B27N 3/08**  
[25] EN  
[54] **METHOD AND DEVICE FOR PRODUCING SHAPED BODIES**  
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE DES CORPS MOULES**  
[72] IREDI, HANS-JOACHIM, DE  
[72] CORNILS, OVE-WALTER, DE  
[72] LINDE, KLAUS, DE  
[72] WILBOIS, FRANZ-JOSEF, DE  
[72] JAPES, HUBERTUS, DE  
[71] VALMET PANELBOARD GMBH, DE  
[85] 2000-11-14  
[86] 1999-04-30 (PCT/EP99/02955)  
[87] 1999-11-25 (WO99/59788)  
[30] DE (198 22 487.7) 1998-05-19  
[30] DE (198 40 818.8) 1998-09-07

[21] **2,332,146**  
[13] A1

[51] **Int.Cl. 6C07C 401/00 6A61K 31/00**  
[25] EN  
[54] **24-HYDROXYVITAMIN D, ANALOGS AND USES THEREOF**  
[54] **COMPOSES DE 24-HYDROXYVITAMINE D, LEURS ANALOGUES, ET LEURS UTILISATIONS**  
[72] KNUTSON, JOYCE C., US  
[72] BISHOP, CHARLES W., US  
[72] STRUGNELL, STEPHEN, US  
[71] BONE CARE INTERNATIONAL, INC., US  
[85] 2000-11-14  
[86] 1999-05-28 (PCT/US99/12084)  
[87] 1999-12-02 (WO99/61398)  
[30] US (09/086,969) 1998-05-29

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[13] A1

[51] **Int.Cl. 6C09K 21/14 6H01B 7/34**  
[25] EN  
[54] **INTUMESCENT COMPOSITION**  
[54] **COMPOSITION INTUMESCENTE**  
[72] COULTER, ROBERT GLYN, GB  
[72] ASHLING, GEOFFREY EDWARD, GB  
[71] PFC SURECHEM LIMITED, GB  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/GB99/01529)  
[87] 1999-11-25 (WO99/60074)  
[30] GB (9810529.9) 1998-05-15

[21] **2,332,148**  
[13] A1

[51] **Int.Cl. 6H04L 29/06 6H04L 1/18**  
[25] EN  
[54] **METHOD FOR DETECTING DELAYED DATA FRAMES IN A TRANSPORT FUNCTION**  
[54] **PROCEDE DE DETECTION DE TRAMES DE DONNEES DIFFEREES DANS UNE FONCTION DE TRANSPORT**  
[72] REZAIIFAR, RAMIN, US  
[72] LEUNG, NIKOLAI K. N., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2000-11-14  
[86] 1999-05-19 (PCT/US99/11108)  
[87] 1999-11-25 (WO99/60761)  
[30] US (09/082,085) 1998-05-20

[21] **2,332,149**  
[13] A1

[51] **Int.Cl. 6B31D 5/00**  
[25] EN  
[54] **CUSHIONING CONVERSION MACHINE AND METHOD**  
[54] **MACHINE DE TRANSFORMATION D'EMBALLAGES PROTECTEURS ET PROCEDE CORRESPONDANT**  
[72] RINKENS, ROGER P. M., NL  
[72] HARDING, JOSEPH J., US  
[72] TIMMERS, MIKE J., NL  
[72] RATZEL, RICHARD O., US  
[72] KUNG, JURT, CH  
[72] MARCHIONI, LIVIO, CH  
[72] LENCOSKI, MICHAEL J., US  
[72] MANLEY, THOMAS E., US  
[71] RANPAK CORP., US  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10778)  
[87] 1999-11-25 (WO99/59807)  
[30] US (60/085,721) 1998-05-15  
[30] US (60/099,237) 1998-09-04  
[30] US (60/105,136) 1998-10-21

[21] **2,332,151**  
[13] A1

[51] **Int.Cl. 6C08F 10/00 6B01J 8/24 6C08F 2/40**  
[25] EN  
[54] **GAS PHASE POLYMERISATION PROCESS**  
[54] **PROCEDE DE POLYMERISATION EN PHASE GAZEUSE**  
[72] LEANEY, PATRICK, FR  
[72] HERZOG, MARC, FR  
[72] ISNARD, JEAN-PIERRE, FR  
[72] SHIN, MYUNG-JE, FR  
[72] LALANNE-MAGNE, CLAUDINE, FR  
[71] BP CHEMICALS LIMITED, GB  
[85] 2000-11-14  
[86] 1999-05-18 (PCT/GB99/01575)  
[87] 1999-11-25 (WO99/60036)  
[30] EP (98430012.9) 1998-05-19

[21] **2,332,152**  
[13] A1

[51] **Int.Cl. 6B01D 53/50 6B01D 53/83**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CLEANING FLUE GASES**  
[54] **PROCEDE ET APPAREIL POUR EPURER DES GAZ DE COMBUSTION**  
[72] AHMAN, STEFAN, SE  
[72] BRINGFORS, NILS, SE  
[71] ABB FLÄKT AB, SE  
[85] 2000-11-14  
[86] 1999-05-12 (PCT/SE99/00806)  
[87] 1999-11-25 (WO99/59704)  
[30] SE (9801734-6) 1998-05-18

[21] **2,332,173**  
[13] A1

[51] **Int.Cl. 6C12N 15/51 6C12N 7/01 6C07K 14/02 6C07K 16/08 6A61K 39/29 6C12Q 1/68**  
[25] EN  
[54] **A VACCINE-INDUCED HEPATITIS B VIRAL STRAIN AND USES THEREOF**  
[54] **SOUCHE VIRALE D'HEPATITE B INDUITE PAR VACCIN ET SES APPLICATIONS**  
[72] CHEN, WEI NING, SG  
[72] ZHAO, YI, SG  
[72] LEONG, AI LIN, SG  
[72] OON, CHONG JIN, SG  
[72] LIM, GEK KEOW, SG  
[71] GOVERNMENT OF THE REPUBLIC OF SINGAPORE, SG  
[85] 2000-12-19  
[86] 1998-06-19 (PCT/SG98/00045)  
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[21] **2,332,175**  
[13] A1

[51] **Int.Cl. 6C12N 15/11 6A61K 48/00 6A01K 67/027 6C12N 5/10 6C07K 16/18 6A61K 39/395 6C12N 15/63 6A61K 31/70**  
[25] EN  
[54] **MODULARLY CONSTRUCTED RNA MOLECULES HAVING TWO SEQUENCE REGION TYPES**  
[54] **MOLECULE D'ARN A CONSTRUCTION MODULAIRE DOTEE DE DEUX TYPES DE DOMAINES DE SEQUENCE**  
[72] COY, JOHANNES, DE  
[72] POUSTKA, ANNEMARIE, DE  
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS, DE  
[85] 2000-12-21  
[86] 1999-06-25 (PCT/DE99/01867)  
[87] 2000-01-06 (WO00/00603)  
[30] DE (198 28 624.4) 1998-06-26

[21] **2,332,179**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6A61K 48/00 6C12N 15/00 6C07H 21/04 6C12N 15/85**  
[25] EN  
[54] **USES OF DNA-PK**  
[54] **UTILISATIONS D'ADN-PK**  
[72] LI, GLORIA C., US  
[72] BURGMAN, PAUL J. J., US  
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US  
[85] 2000-12-20  
[86] 1999-06-30 (PCT/US99/14702)  
[87] 2000-01-06 (WO00/00644)  
[30] US (60/091,181) 1998-06-30

[21] **2,332,180**  
[13] A1

[51] **Int.Cl. 6C12N 15/55 6C12N 9/16**  
[25] EN  
[54] **OVEREXPRESSION OF PHYTASE GENES IN YEAST SYSTEMS**  
[54] **SUREXPRESSON DES GENES DE PHYTASES DANS DES SYSTEMES DE LEVURES**  
[72] LEI, XINGEN, US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 2000-12-21  
[86] 1999-06-23 (PCT/US99/14106)  
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[30] US (09/104,769) 1998-06-25

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[51] **Int.Cl. 6A61B 5/00 6G01N 21/47**  
[25] EN  
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[54] **CAPTEUR OPTIQUE NON INVASIF AVEC REGULATION DE TEMPERATURE DE TISSU**  
[72] YEH, SHU-JEN, US  
[72] BOLT, RENE A., NL  
[72] KHALIL, OMAR S., US  
[72] WU, XIAOMAO, US  
[72] DEMUL, FRITS F. M., NL  
[72] HANNA, CHARLES F., US  
[72] STALDER, ARNOLD F., US  
[72] LOWREY, MICHAEL G., US  
[72] KANGER, JOHANNES S., NL  
[71] ABBOTT LABORATORIES, US  
[85] 2000-11-14  
[86] 1999-05-17 (PCT/US99/10812)  
[87] 1999-11-25 (WO99/59464)  
[30] US (09/080,470) 1998-05-18

[21] **2,332,231**  
[13] A1

[51] **Int.Cl. 6A61B 17/39**  
[25] EN  
[54] **REMOVAL OF STRATUM CORNEUM BY MEANS OF LIGHT**  
[54] **ELIMINATION DE LA COUCHE CORNEE AU MOYEN DE LUMIERE**  
[72] POPE, MARK R., US  
[72] PEZZANITI, JOSEPH L., US  
[72] SHAIN, ERIC B., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-11-14  
[86] 1999-05-17 (PCT/US99/10860)  
[87] 1999-11-25 (WO99/59485)  
[30] US (09/080,432) 1998-05-18

[21] **2,332,232**  
[13] A1

[51] **Int.Cl. 6B29C 47/08 6B01F 15/00 6B25B 27/02 6B23P 19/02 6B29B 7/58 6B29C 47/60**  
[25] EN  
[54] **SCREW ELEMENT EXTRACTOR**  
[54] **EXTRACTEUR D'ELEMENTS DE PAS DE VIS**  
[72] MATTINGLY, MICHAEL J., US  
[72] HODGSON, ROBERT S., US  
[71] APEX TOOL AND MANUFACTURING, INC., US  
[85] 2000-11-14  
[86] 1999-05-06 (PCT/US99/10126)  
[87] 1999-11-25 (WO99/59797)  
[30] US (60/085,536) 1998-05-15  
[30] US (09/174,644) 1998-10-19

[21] **2,332,233**  
[13] A1

[51] **Int.Cl. 6G01F 3/22**  
[25] EN  
[54] **GAS METER PROVIDED WITH IMPROVED GUIDE MEANS**  
[54] **COMPTEUR DE GAZ POURVU DE MOYENS DE GUIDAGE AMELIORES**  
[72] CHAMPOUGNY, JEAN-LUC, US  
[72] DUMAY, MICHEL, FR  
[71] SCHLUMBERGER INDUSTRIES S.A., FR  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/EP99/03391)  
[87] 1999-11-25 (WO99/60347)  
[30] FR (98/06508) 1998-05-20

[21] **2,332,234**  
[13] A1

[51] **Int.Cl. 6F03G 7/06**  
[25] EN  
[54] **THIN-FILM SHAPE MEMORY ALLOY ACTUATORS AND PROCESSING METHODS**  
[54] **ACTIONNEURS EN ALLIAGE A MEMOIRE DE FORME ET A COUCHE MINCE, ET PROCEDES DE TRAITEMENT**  
[72] MAYNARD, RONALD S., US  
[71] MAYNARD, RONALD S., US  
[85] 2000-11-14  
[86] 1999-05-10 (PCT/US99/10175)  
[87] 1999-11-25 (WO99/60267)  
[30] US (09/079,703) 1998-05-15

[21] **2,332,235**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PERFORMING A PROGRESSIVE SECOND PRICE AUCTION TECHNIQUE**  
[54] **SYSTEME ET PROCEDE PERMETTANT LA MISE EN OEUVRE DE TECHNIQUES DE VENTE AUX ENCHERES PROGRESSIVE BASEE SUR LA DEUXIEME OFFRE**  
[72] SEMRET, NEMO, US  
[72] LAZAR, AUREL, US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2000-11-14  
[86] 1999-03-23 (PCT/US99/06384)  
[87] 2000-09-28 (WO00/57323)

[21] **2,332,236**  
[13] A1

[51] **Int.Cl. 7A61F 11/08**  
[25] EN  
[54] **HEARING PROTECTIVE DEVICE**  
[54] **PROTECTEUR D'OREILLE**  
[72] FALCO, ROBERT N., US  
[71] CABOT SAFETY INTERMEDIATE CORPORATION, US  
[85] 2000-11-14  
[86] 2000-03-14 (PCT/US00/06672)  
[87] 2000-09-21 (WO00/54712)  
[30] US (60/124,593) 1999-03-16

[21] **2,332,237**  
[13] A1

[51] **Int.Cl. 7G02C 7/06 7G02C 7/02**  
[25] EN  
[54] **METHOD OF MANUFACTURING SPECTACLE LENSES**  
[54] **PROCEDE DE FABRICATION DE VERRES DE LUNETTES**  
[72] KOKONASKI, WILLIAM, US  
[72] MERRIT, JAMES S., US  
[72] MENEZES, EDGAR, US  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
[85] 2000-11-14  
[86] 2000-02-15 (PCT/US00/03872)  
[87] 2000-09-21 (WO00/55680)  
[30] US (09/270,390) 1999-03-16

[21] **2,332,239**  
[13] A1

[51] **Int.Cl. 6C07D 221/14 6A61K 31/47**  
[25] EN  
[54] **FUSED TRICYCLIC COMPOUNDS WHICH INHIBIT PARP ACTIVITY**  
[54] **COMPOSES CONDENSES TRICYCLIQUES INHIBANT L'ACTIVITE DE TYPE POLY(ADP-RIBOSE) POLYMERASE (PARP)**  
[72] ZHANG, JIE, US  
[72] LI, JIA-HE, US  
[71] GUILFORD PHARMACEUTICALS INC., US  
[85] 2000-11-14  
[86] 1998-09-02 (PCT/US98/18196)  
[87] 1999-11-25 (WO99/59975)  
[30] US (09/079,510) 1998-05-15  
[30] US (09/145,184) 1998-09-01

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<p style="text-align: right;">[21] <b>2,332,240</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/558</b> [25] EN [54] <b>METHOD AND DEVICE FOR DETECTING ANALYTES IN FLUIDS</b> [54] <b>PROCEDE ET DISPOSITIF DE DETECTION D'ANALYTES DANS DES FLUIDES</b> [72] CARPENTER, CHARLES R., US [71] IDEXX LABORATORIES, INC., US [85] 2000-11-14 [86] 2000-03-24 (PCT/US00/07965) [87] 2000-10-05 (WO00/58730) [30] US (09/277,715) 1999-03-26 [30] US (09/439,024) 1999-11-12 [30] US (09/525,151) 2000-03-14</p>	<p style="text-align: right;">[21] <b>2,332,245</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 29/66 6B01D 37/00 6B01D 65/02 6B01D 61/18</b> [25] EN [54] <b>APPARATUS AND METHOD FOR RECOVERING PHOTORESIST DEVELOPERS AND STRIPPERS</b> [54] <b>APPAREIL ET PROCEDE POUR RECUPERER LES REVELATEURS ET LES DECAPANTS DE PHOTORESINE</b> [72] JABLONSKY, JULIUS JAMES, US [71] PHOENANKH CORP., US [85] 2000-11-14 [86] 1999-05-18 (PCT/US99/10925) [87] 1999-11-25 (WO99/59693) [30] US (09/081,839) 1998-05-19</p>	<p style="text-align: right;">[21] <b>2,332,248</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/42</b> [25] EN [54] <b>SNAP-IN PROXIMAL CONNECTOR FOR MOUNTING AN OPTIC FIBER ELEMENT INTO A LIGHT SOURCE SYSTEM</b> [54] <b>CONNECTEUR PROXIMAL A ENCLIQUETAGE PERMETTANT DE MONTER UN ELEMENT A FIBRES OPTIQUES DANS UN SYSTEME DE SOURCE LUMINEUSE</b> [72] ROLLER, THOMAS W., US [72] LI, KENNETH K., US [71] COGENT LIGHT TECHNOLOGIES, INC., US [85] 2000-11-14 [86] 1999-06-04 (PCT/US99/12445) [87] 1999-12-09 (WO99/63370) [30] US (09/090,871) 1998-06-05</p>
<p style="text-align: right;">[21] <b>2,332,242</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 341/00</b> [25] EN [54] <b>THIACROWN ETHER COMPOUND</b> [54] <b>COMPOSE D'ETHER THIACOURONNE</b> [72] CHEN, FU, US [72] GABOURY, JANET A., US [71] BETZDEARBORN INC., US [85] 2000-11-14 [86] 1999-03-30 (PCT/US99/06919) [87] 1999-12-09 (WO99/62898) [30] US (09/088,991) 1998-06-02</p>	<p style="text-align: right;">[21] <b>2,332,246</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/00 6A01N 63/00 6C12N 1/00 6A61K 39/02 6A61K 39/10 6A61K 39/102 6A61K 39/108 6C12N 1/36 6A61K 39/38</b> [25] EN [54] <b>COMPOSITIONS AND METHOD FOR IMMUNIZING POULTRY</b> [54] <b>COMPOSITION ET PROCEDE D'IMMUNISATION DE VOLAILLE</b> [72] BRINTON, MARSHALL K., US [71] MKB INVESTMENTS LIMITED PARTNERSHIP, US [85] 2000-11-14 [86] 1999-05-14 (PCT/US99/10650) [87] 1999-11-25 (WO99/59626) [30] US (60/085,634) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,332,249</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 23/52 6B05C 5/02</b> [25] EN [54] <b>APPLICATOR APPARATUS AND METHOD FOR FILM-TRANSFER COATING</b> [54] <b>APPAREIL APPLICATEUR ET PROCEDE DE REVETEMENT PAR TRANSFERT DE FILM</b> [72] RANTANEN, RAUNO, FI [71] VALMET CORPORATION, FI [85] 2000-11-14 [86] 1999-05-20 (PCT/FI99/00436) [87] 1999-11-25 (WO99/60210) [30] FI (981135) 1998-05-20</p>
<p style="text-align: right;">[21] <b>2,332,243</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22B 11/08 6C22B 1/00 6B03D 1/004 6C22B 3/04 6C22B 3/16 6C22B 1/244 6C11D 1/66</b> [25] EN [54] <b>HEAP LEACH AGGLOMERATION/ PERCOLATION EXTRACTION AIDS FOR ENHANCED GOLD AND SILVER RECOVERY</b> [54] <b>AUXILIAIRES D'EXTRACTION PAR AGGLOMERATION/ PERCOLATION AU COURS D'UNE LIXIVIATION EN TAS, PERMETTANT UNE RECUPERATION ACCRUE D'OR ET D'ARGENT</b> [72] CIFUENTES, RICARDO ARANCIBIA, CL [71] BETZDEARBORN INC., US [85] 2000-11-14 [86] 1999-06-03 (PCT/US99/10489) [87] 1999-12-09 (WO99/63123) [30] US (09/090,512) 1998-06-04</p>	<p style="text-align: right;">[21] <b>2,332,247</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/46</b> [25] EN [54] <b>REMOTE COMPUTING</b> [54] <b>TELETRAITEMENT</b> [72] GHANEA-HERCOCK, ROBERT ALAN, GB [72] COLLIS, JARON CLEMENTS, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 2000-11-14 [86] 1999-04-29 (PCT/GB99/01329) [87] 1999-11-18 (WO99/59062) [30] GB (9810279.1) 1998-05-13 [30] GB (9823714.2) 1998-10-29</p>	<p style="text-align: right;">[21] <b>2,332,251</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02J 9/06</b> [25] EN [54] <b>EMBEDDED BACKUP ENERGY STORAGE UNIT</b> [54] <b>UNITE INCORPOREE PERMETTANT DE STOCKER UNE ENERGIE DE RESERVE</b> [72] STAFFIERE, DONALD T., US [71] ENERGENIUS, INC., CA [85] 2000-11-14 [86] 1999-05-12 (PCT/IB99/00861) [87] 1999-11-25 (WO99/60689) [30] US (09/079,795) 1998-05-15</p>

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[21] **2,332,252**  
[13] A1

[51] **Int.Cl. 7G06K 11/18 7G06F 3/033 7G06F 3/06**  
[25] EN  
[54] **A UNIT COMPRISING A CARD READ/WRITE DEVICE**  
[54] **UNITE COMPORTANT UN DISPOSITIF DE LECTURE/ECRITURE DE CARTES**  
[72] GOTFREDSEN DE JAEGER, BJARKE, DK  
[71] SCARD DEVELOPMENT APS, DK  
[85] 2000-11-14  
[86] 1998-12-07 (PCT/DK98/00531)  
[87] 1999-12-09 (WO99/63481)  
[30] DK (9800180) 1998-05-15

[21] **2,332,253**  
[13] A1

[51] **Int.Cl. 6A61K 31/55 6A61K 31/135 6A61K 31/15 6A61K 31/34 6A61K 31/415 6A61K 31/44 6A61K 31/445**  
[25] EN  
[54] **COMBINATION THERAPY FOR TREATMENT OF DEPRESSION**  
[54] **THERAPIE COMBINEE DESTINEE AU TRAITEMENT DE LA DEPRESSION**  
[72] MICHELSON, DAVID, US  
[72] TOLLEFSON, GARY DENNIS, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-11-14  
[86] 1999-05-10 (PCT/US99/10092)  
[87] 1999-11-25 (WO99/59593)  
[30] US (60/086,268) 1998-05-21

[21] **2,332,264**  
[13] A1

[51] **Int.Cl. 6G01C 17/00 6E21B 47/022 6G01S 5/14 6G01C 17/38**  
[25] EN  
[54] **APPARATUS FOR MEASURING MAGNETIC DECLINATION USING GPS**  
[54] **MESURE DE LA DECLINAISON MAGNETIQUE AU MOYEN DU GPS**  
[72] NOY, KOEN ANTONIE, NL  
[72] ESTES, ROBERT ALAN, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2000-11-14  
[86] 1999-05-13 (PCT/US99/10633)  
[87] 1999-11-18 (WO99/58933)  
[30] US (60/085,471) 1998-05-14

[21] **2,332,265**  
[13] A1

[51] **Int.Cl. 6B29C 59/02 6B60R 21/20**  
[25] EN  
[54] **AN AUTOMOTIVE SEAT ASSEMBLY HAVING AN INTEGRAL TEAR SEAM**  
[54] **ENSEMBLE SIEGE D'AUTOMOBILE COMPRENANT UN JOINT DECHIRABLE D'UNE SEULE PIECE**  
[72] SRIVASTAVA, MANOJ, US  
[72] HADLEY, PHILIP W., US  
[72] KOPEC, GARY, US  
[72] PERSHA, SEAN, US  
[72] FILECCIA, SCOTT, US  
[71] MAGNA INTERIOR SYSTEMS INC., CA  
[85] 2000-11-14  
[86] 1999-05-21 (PCT/CA99/00425)  
[87] 1999-12-02 (WO99/61222)  
[30] US (60/086,204) 1998-05-21

[21] **2,332,266**  
[13] A1

[51] **Int.Cl. 7H01B 3/44 7C08K 3/04 7C08L 31/04**  
[25] EN  
[54] **SEMICONDUCTIVE POLYOLEFIN COMPOSITIONS AND CABLES COVERED WITH THE SAME**  
[54] **COMPOSITIONS SEMICONDUCTRICES DE POLYOLEFINES ET CABLES ENDUITS DESDITES COMPOSITIONS**  
[72] SARMA, HARIDOSS, CA  
[71] AT PLASTICS INC., CA  
[85] 2000-11-14  
[86] 2000-01-28 (PCT/CA00/00080)  
[87] 2000-10-12 (WO00/60615)  
[30] US (60/127,392) 1999-04-01

[21] **2,332,267**  
[13] A1

[51] **Int.Cl. 6F16J 15/447**  
[25] EN  
[54] **SELF-ALIGNING SEALING ASSEMBLY FOR A ROTATING SHAFT**  
[54] **ASSEMBLAGE D'ETANCHEITE A AUTO-ALIGNEMENT POUR ARBRE TOURNANT**  
[72] WAGGOTT, JOHN, US  
[71] DRESSER-RAND COMPANY, US  
[85] 2000-11-14  
[86] 1999-05-10 (PCT/US99/10197)  
[87] 1999-11-18 (WO99/58834)  
[30] US (09/078,092) 1998-05-13

[21] **2,332,268**  
[13] A1

[51] **Int.Cl. 6A01K 67/033 6A23K 1/18**  
[25] EN  
[54] **MATERIALS AND METHODS FOR REARING INSECTS, MITES, AND OTHER BENEFICIAL ORGANISMS**  
[54] **SUBSTANCES ET PROCEDES POUR ELEVER DES INSECTES, DES ACARIENS, ET D'AUTRES ORGANISMES UTILES**  
[72] STAUFFER, LYNDA A., US  
[72] GALLAGHER, KIMBERLY A., US  
[72] WHITE, JAMES H., US  
[71] ENTOMOS, L.L.C., US  
[85] 2000-11-14  
[86] 1999-05-03 (PCT/US99/09516)  
[87] 1999-11-25 (WO99/59402)  
[30] US (09/079,494) 1998-05-15

[21] **2,332,269**  
[13] A1

[51] **Int.Cl. 6B01J 8/24 6C08F 10/00 6C08F 2/34 6B01J 8/44**  
[25] EN  
[54] **GASEOUS PHASE FLUIDIZED-BED REACTOR**  
[54] **REACTEUR A LIT FLUIDISE EN PHASE GAZEUSE**  
[72] FEINDT, HANS-JACOB, DE  
[72] MICKLITZ, WOLFGANG, DE  
[72] KOLLE, PETER, DE  
[72] EVERTZ, KASPAR, DE  
[72] KARER, RAINER, DE  
[72] ROSENDORFER, PHILIPP, DE  
[71] ELENAC GMBH, DE  
[85] 2000-11-14  
[86] 1999-05-04 (PCT/EP99/03007)  
[87] 1999-11-25 (WO99/59712)  
[30] DE (198 21 955.5) 1998-05-15  
[30] DE (199 04 811.8) 1999-02-05

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[21] **2,332,270**  
[13] A1  
[51] **Int.Cl. 6A61K 38/13 6A61K 9/51**  
[25] EN  
[54] **CYCLOSPORIN PREPARATIONS**  
[54] **PREPARATIONS DE**  
**CYCLOSPORINE**  
[72] BERNDL, GUNTHER, DE  
[72] BINDER, RUDOLF, DE  
[72] BREITENBACH, JORG, DE  
[72] PFLUGER, PETER, DE  
[72] HEGER, ROBERT, DE  
[72] ZEIDLER, JURGEN, DE  
[72] AUWETER, HELMUT, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-11-14  
[86] 1999-05-04 (PCT/EP99/03002)  
[87] 1999-11-25 (WO99/59541)  
[30] DE (198 21 951.2) 1998-05-15

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[21] **2,332,271**  
[13] A1  
[51] **Int.Cl. 6A61K 45/00 6A61K 31/18**  
**6A61K 31/405 6A61K 31/54**  
[25] EN  
[54] **ANTI-INFLAMMATORY EYE**  
**DROPS**  
[54] **GOUTTES OCULAIRES ANTI-**  
**INFLAMMATOIRES**  
[72] MIYAKE, KENSAKU, JP  
[72] TOYODA, YOSHIHIRO, JP  
[72] SUZUKI, HIDEKAZU, JP  
[72] TSURIYA, YOSHIHIRO, JP  
[72] YAGETA, HIROKO, JP  
[71] WAKAMOTO PHARMACEUTICAL  
CO., LTD., JP  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/JP99/02522)  
[87] 1999-11-25 (WO99/59634)  
[30] JP (10/150788) 1998-05-15  
[30] JP (11/58173) 1999-03-05

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[21] **2,332,272**  
[13] A1  
[51] **Int.Cl. 6C07C 311/53 6A61K 31/18**  
[25] EN  
[54] **NOVEL ANALOGS OF 16-**  
**HYDROXYEICOSATETRAENOIC**  
**ACID**  
[54] **NOUVEAUX ANALOGUES**  
**D'ACIDE 16-**  
**HYDROXYEICOSATETRAENOIQUE**  
[72] GROSS, CORDELL E., US  
[72] BEDNAR, MARTIN M., US  
[72] BALAZY, MICHAEL, US  
[72] FALCK, JOHN R., US  
[71] NEW YORK MEDICAL COLLEGE,  
US  
[71] UNIVERSITY OF VERMONT, US  
[71] BOARD OF REGENTS, THE  
UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10728)  
[87] 1999-11-25 (WO99/59964)  
[30] US (60/085,602) 1998-05-15

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[21] **2,332,275**  
[13] A1  
[51] **Int.Cl. 6C07D 405/12 6C07D 407/12**  
**6C07D 405/14 6C07D 409/14 6A61K 31/34**  
**6A61K 31/38 6A61K 31/44 6A61K 31/505**  
**6C07D 307/83 6C07D 307/86**  
[25] EN  
[54] **BENZOFURAN DERIVATIVES,**  
**PHARMACEUTICAL COMPOSITION**  
**CONTAINING THE SAME, AND A**  
**PROCESS FOR THE PREPARATION OF**  
**THE ACTIVE INGREDIENT**  
[54] **DERIVES DE BENZOFURANNE,**  
**COMPOSITION PHARMACEUTIQUE**  
**RENFERMANT CES DERIVES ET**  
**PROCEDE DE PREPARATION DU**  
**PRINCIPE ACTIF**  
[72] GYERTYAN, ISTVAN, HU  
[72] RIVO, ENDRE, HU  
[72] SZABADOS, TAMAS, HU  
[72] GACSALYI, ISTVAN, HU  
[72] IVANICSNE MEGYERI, KATALIN,  
HU  
[72] SIMIG, GYULA, HU  
[72] EGYED, ANDRAS, HU  
[72] ONDI, LEVENTE, HU  
[72] NAGY, ZOLTAN TAMAS, HU  
[72] NAGYNE GYONOS, ILDIKO, HU  
[72] MIKLOSNE KOVACS, ANIKO, HU  
[72] PALLAGI, KATALIN, HU  
[72] LEVAY, GYORGY, HU  
[72] REITER, JOZSEF, HU  
[72] AGAI, BELA, HU  
[72] KERTESZ, SZABOLCS, HU  
[72] SZENASI, GABOR, HU  
[72] SCHMIDT, EVA, HU  
[71] EGIS GYOGYSZERGYAR RT., HU  
[85] 2000-11-14  
[86] 1999-05-13 (PCT/HU99/00038)  
[87] 1999-11-18 (WO99/58527)  
[30] HU (P 98 01085) 1998-05-14  
[30] HU (P 98 01086) 1998-05-14



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[21] **2,332,277**  
[13] A1

[51] **Int.Cl. 6C07K 14/00 6A61K 51/08 6G01N 33/60 6C07K 14/78 6C07K 14/81**  
[25] EN  
[54] **LABELLED GLUTAMINE AND LYSINE ANALOGUES**  
[54] **ANALOGUES DE GLUTAMINE ET DE LYSINE MARQUES**  
[72] GIBSON, ALEX, GB  
[72] CHAMPION, SUSAN, GB  
[72] GUILBERT, BENEDICTE, GB  
[72] KNOX, PETER, GB  
[72] WILSON, IAN ANDREW, GB  
[72] MENDIZABAL, MARIVI, GB  
[72] STOREY, ANTHONY EAMON, GB  
[71] NYCOMED AMERSHAM PLC, GB  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/GB99/01550)  
[87] 1999-11-25 (WO99/60018)  
[30] EP (98303872.0) 1998-05-15

[21] **2,332,279**  
[13] A1

[51] **Int.Cl. 6C07D 215/50 6A61K 31/16 6A61K 31/47 6C07C 235/84**  
[25] EN  
[54] **CARBOXAMIDE COMPOUNDS, COMPOSITIONS, AND METHODS FOR INHIBITING PARP ACTIVITY**  
[54] **COMPOSES DE CARBOXAMIDE, COMPOSITIONS ET METHODES D'INHIBITION DE L'ACTIVITE DE TYPE POLY(ADP-RIBOSE) POLYMERASE (PARP)**  
[72] LI, JIA-HE, US  
[72] ZHANG, JIE, US  
[71] GUILFORD PHARMACEUTICALS INC., US  
[85] 2000-11-14  
[86] 1998-09-02 (PCT/US98/18186)  
[87] 1999-11-25 (WO99/59973)  
[30] US (09/079,514) 1998-05-15  
[30] US (09/145,178) 1998-09-01

[21] **2,332,280**  
[13] A1

[51] **Int.Cl. 6A23L 1/38**  
[25] EN  
[54] **BLENDED NUT SPREAD COMPOSITIONS**  
[54] **COMPOSITIONS MELANGEES A BASE DE NOIX A TARTINER**  
[72] WONG, VINCENT YORK-LEUNG, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-14  
[86] 1999-06-04 (PCT/IB99/01029)  
[87] 1999-12-23 (WO99/65339)  
[30] US (60/089,368) 1998-06-15

[21] **2,332,281**  
[13] A1

[51] **Int.Cl. 6B27N 1/00**  
[25] EN  
[54] **METHOD FOR PRODUCING SHAPED BODIES**  
[54] **PROCEDE DE PRODUCTION DE CORPS FACONNES**  
[72] WUTTKE, RALF, DE  
[72] BUCKING, HANS-GUNTER, DE  
[72] BRINKMANN, ERNST, DE  
[71] VALMET PANELBOARD GMBH, DE  
[85] 2000-11-14  
[86] 1999-05-07 (PCT/EP99/03155)  
[87] 1999-11-25 (WO99/59786)  
[30] DE (198 22 485.0) 1998-05-19

[21] **2,332,282**  
[13] A1

[51] **Int.Cl. 6B32B 7/06 6B65B 31/02 6B65D 77/20**  
[25] EN  
[54] **LAMINATE AND PACKAGE MADE THEREFROM**  
[54] **LAMINE ET CONDITIONNEMENT FABRIQUE A PARTIR DE CELUI-CI**  
[72] KOCHER, PATRICK N., US  
[71] CRYOVAC INC., US  
[85] 2000-11-14  
[86] 1999-05-11 (PCT/US99/10265)  
[87] 1999-11-18 (WO99/58329)  
[30] US (09/078,457) 1998-05-14

[21] **2,332,283**  
[13] A1

[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **SYSTEM FOR ACCESSING AN OBJECT USING A "WEB" BROWSER CO-OPERATING WITH A SMART CARD**  
[54] **SYSTEME D'ACCES A UN OBJET A L'AIDE D'UN NAVIGATEUR DE TYPE "WEB" COOPERANT AVEC UNE CARTE A PUCE**  
[72] URIEN, PASCAL, FR  
[71] BULL CP8, FR  
[85] 2000-11-14  
[86] 2000-03-15 (PCT/FR00/00625)  
[87] 2000-09-21 (WO00/56030)  
[30] FR (99/03172) 1999-03-15

[21] **2,332,284**  
[13] A1

[51] **Int.Cl. 6G06F 11/20 6G06F 13/14**  
[25] EN  
[54] **METHOD FOR SWITCHING BETWEEN MULTIPLE SYSTEM PROCESSORS**  
[54] **PROCEDE DE COMMUTATION ENTRE PLUSIEURS PROCESSEURS SYSTEME**  
[72] ROSENKRANTZ, BRUCE, US  
[72] LANUS, MARK, US  
[72] MCKAY, BRENT, US  
[71] MOTOROLA, INC., US  
[85] 2000-11-14  
[86] 1999-05-07 (PCT/US99/09988)  
[87] 1999-11-18 (WO99/59065)  
[30] US (09/079,091) 1998-05-14

[21] **2,332,285**  
[13] A1

[51] **Int.Cl. 6B23B 27/04**  
[25] EN  
[54] **CUTTING INSERT FOR GROOVING**  
[54] **PLAQUETTE DE RAINURAGE**  
[72] WIMAN, JORGEN, SE  
[72] TAGTSTROM, PAR, SE  
[71] SANDVIK AKTIEBOLAG, SE  
[85] 2000-11-14  
[86] 1999-05-20 (PCT/SE99/00860)  
[87] 1999-12-02 (WO99/61187)  
[30] SE (9801800-5) 1998-05-22

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<p>[21] <b>2,332,286</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C23C 16/00</b> [25] EN [54] <b>SIEVE LIKE STRUCTURE FOR FLUID FLOW THROUGH STRUCTURAL ARRANGEMENT</b> [54] <b>STRUCTURE DE TAMIS POUR L'ÉCOULEMENT DE FLUIDES DANS DES CONFIGURATIONS STRUCTURELLES</b> [72] REX, DENNIS G., US [72] MARKULEC, JEFFREY R., US [72] SCHUSTER, RICHARD E., US [72] HASENKAMP, ERIN MARTIN, US [72] DURET, MICHAEL J., US [71] INSYNC SYSTEMS, INC., US [85] 2000-11-14 [86] 1999-03-31 (PCT/US99/07223) [87] 1999-10-21 (WO99/53115) [30] US (09/060,519) 1998-04-14</p>	<p>[21] <b>2,332,312</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07H 5/06</b> [25] EN [54] <b>GLUCOSAMINE SULFATE METAL CHLORIDE COMPOSITIONS AND PROCESSES OF PREPARATION THEREOF</b> [54] <b>COMPOSITIONS DE CHLORURES METALLIQUES DE SULFATE DE GLUCOSAMINE ET LEURS PROCÉDES DE PREPARATION</b> [72] SCHLECK, JAMES R., US [72] CHOPDEKAR, VILAS M., US [72] BURGER, CHRISTOPHER M., US [71] JAME FINE CHEMICALS, INC., US [85] 2000-11-16 [86] 1999-05-14 (PCT/US99/10704) [87] 1999-12-02 (WO99/61455) [30] US (09/083,173) 1998-05-22 [30] US (09/191,169) 1998-11-13</p>	<p>[21] <b>2,332,314</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/645</b> [25] EN [54] <b>USE OF ALKYLATING COMPOUNDS FOR INHIBITING PROLIFERATION OF ARTERIAL SMOOTH MUSCLE CELLS</b> [54] <b>INHIBITION DE LA PROLIFÉRATION DES CELLULES MUSCULAIRES LISSES ARTERIELLES</b> [72] ALFONSO, RYAN D., US [72] GREENMAN, WILLIAM M., US [72] WOLLOWITZ, SUSAN, US [72] HEARST, JOHN E., US [71] CERUS CORPORATION, US [85] 2000-11-16 [86] 1999-06-10 (PCT/US99/13162) [87] 1999-12-16 (WO99/63981) [30] US (60/089,008) 1998-06-11</p>
<p>[21] <b>2,332,288</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01F 3/22</b> [25] EN [54] <b>METHOD FOR MAKING A GAS METER AND GAS METER OBTAINED BY SAID METHOD</b> [54] <b>PROCÉDE DE FABRICATION D'UN COMPTEUR DE GAZ ET COMPTEUR DE GAZ FABRIQUE PAR UN TEL PROCÉDE</b> [72] DUMAY, MICHEL, FR [71] SCHLUMBERGER INDUSTRIES S.A., FR [85] 2000-11-14 [86] 1999-04-29 (PCT/EP99/03036) [87] 1999-11-25 (WO99/60346) [30] FR (98/06509) 1998-05-20</p>	<p>[21] <b>2,332,313</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>SYSTEMS AND METHODS FOR DEACTIVATING A CELLULAR RADIOTELEPHONE SYSTEM USING AN ANSI-41 SHORT MESSAGE SERVICE EMAIL</b> [54] <b>SYSTEMES ET PROCÉDES PERMETTANT DE DESACTIVER UN SYSTEME DE RADIOTELEPHONIE CELLULAIRE AU MOYEN D'UN COURRIER ELECTRONIQUE DE MESSAGERIE BREVE ANSI-41</b> [72] BACKSTROM, OLOF THOMAS, US [71] ERICSSON INC., US [85] 2000-11-16 [86] 1999-04-15 (PCT/US99/08311) [87] 1999-12-09 (WO99/63781) [30] US (09/087,085) 1998-05-29</p>	<p>[21] <b>2,332,315</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A43B 1/10 7H05B 6/00 7A43B 13/12 7B29D 31/50</b> [25] EN [54] <b>CONTOURED PLATFORM AND FOOTWEAR MADE THEREFROM</b> [54] <b>PLATE-FORME PROFILEE ET CHAUSSURE L'INTEGRANT</b> [72] GROSS, ALEXANDER L., US [71] GROSS, ALEXANDER L., US [85] 2000-11-16 [86] 2000-03-20 (PCT/US00/07329) [87] 2000-10-05 (WO00/57740) [30] US (60/126,277) 1999-03-26 [30] US (09/490,811) 2000-01-26</p>
		<p>[21] <b>2,332,316</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 217/04 6C07D 401/12 6C07D 405/12 6C07D 409/12 6A61K 31/47</b> [25] EN [54] <b>TETRAISOQUINOLOLINE DERIVATIVES AS MODULATORS OF DOPAMINE D3 RECEPTORS</b> [54] <b>DERIVES DE TETRAISOQUINOLOLINE UTILISES COMME MODULATEURS DU RECEPTEUR D3 DE LA DOPAMINE</b> [72] VONG, ANTONIO KUOK KEONG, GB [71] SMITHKLINE BEECHAM P.L.C., GB [85] 2000-11-16 [86] 1999-05-14 (PCT/EP99/03371) [87] 1999-11-25 (WO99/59974) [30] GB (9810876.4) 1998-05-20</p>

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[21] **2,332,317**  
[13] A1

[51] **Int.Cl. 6C07D 487/22 6C07D 498/22 6C07D 513/22 6A61K 31/53**  
[25] EN  
[54] **G-CSF MIMETICS**  
[54] **MIMETIQUES DU G CSF**  
[72] DUFFY, KEVIN J., US  
[72] LUENGO, JUAN I., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-11-16  
[86] 1999-05-20 (PCT/US99/11159)  
[87] 1999-12-02 (WO99/61446)  
[30] US (60/086,458) 1998-05-22

[21] **2,332,318**  
[13] A1

[51] **Int.Cl. 6C07D 487/22 6C07D 498/22 6C07D 513/22 6A61K 31/415 6A61K 31/42 6A61K 31/425**  
[25] EN  
[54] **G-CSF MIMETICS**  
[54] **MIMETIQUES DU G CSF**  
[72] DUFFY, KEVIN J., US  
[72] LUENGO, JUAN I., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-11-16  
[86] 1999-05-20 (PCT/US99/11143)  
[87] 1999-12-02 (WO99/61445)  
[30] US (60/086,489) 1998-05-22

[21] **2,332,319**  
[13] A1

[51] **Int.Cl. 6H01J 37/00 6H01J 37/252 6H01J 37/26**  
[25] EN  
[54] **DISSOLUTION STAGE FOR AN ENVIRONMENTAL SCANNING ELECTRON MICROSCOPE**  
[54] **ETAPE DE DISSOLUTION POUR MICROSCOPE ELECTRONIQUE POUR L'ANALYSE DE L'ENVIRONNEMENT**  
[72] PALERMO, PHILIP J., US  
[72] MITCHELL, JAMES A., US  
[71] EURO-CELTIQUE, S.A., LU  
[85] 2000-11-16  
[86] 1999-05-21 (PCT/US99/11355)  
[87] 1999-12-02 (WO99/62097)  
[30] US (60/086,427) 1998-05-22

[21] **2,332,320**  
[13] A1

[51] **Int.Cl. 7H04Q 7/22**  
[25] EN  
[54] **IP MOBILITY MANAGEMENT IN A MOBILE COMMUNICATIONS SYSTEM**  
[54] **AGENCEMENT DE COMMUNICATIONS SECURISEES ET DISTRIBUTION DE CLES DANS UN SYSTEMES DE TELECOMMUNICATIONS**  
[72] IARTYM, IGOR, FI  
[71] NOKIA NETWORKS OY, FI  
[85] 2000-11-16  
[86] 2000-03-28 (PCT/FI00/00258)  
[87] 2000-10-05 (WO00/59252)  
[30] FI (990694) 1999-03-29

[21] **2,332,321**  
[13] A1

[51] **Int.Cl. 6C06D 7/00**  
[25] EN  
[54] **PELARGONIC ACID VANILLYLAMIDE CONTAINING TEAR GAS**  
[54] **VANILLAMIDE D'ACIDE PELARGONIQUE RENFERMANT DU GAZ LACRYMOGENE**  
[72] BAUER, ERAN NICODEMUS, GB  
[72] SALVEL, RENATO, CH  
[72] MUSER, FELIX, CH  
[72] BAUER, GERARD MIET, GB  
[72] BAUER, PENELOPE JANE, GB  
[71] BAUER, ERAN NICODEMUS, GB  
[71] BAUER, GERARD MIET, GB  
[71] BAUER, PENELOPE JANE, GB  
[85] 2000-11-16  
[86] 1998-05-22 (PCT/GB98/01511)  
[87] 1998-11-26 (WO98/52884)  
[30] GB (9710636.3) 1997-05-23

[21] **2,332,322**  
[13] A1

[51] **Int.Cl. 7C08F 226/02 7E21B 21/00 7C09K 7/02 7C08F 220/58**  
[25] EN  
[54] **DRILLING MUD CONDITIONING AGENT**  
[54] **AGENT DE CONDITIONNEMENT POUR LE FORAGE DE BOUES**  
[72] HAYASHI, MASAHIRO, JP  
[71] SHOWA DENKO K.K., JP  
[85] 2000-11-15  
[86] 2000-03-31 (PCT/JP00/02084)  
[87] 2000-10-12 (WO00/59964)  
[30] JP (11/94713) 1999-04-01  
[30] US (60/156,873) 1999-09-30

[21] **2,332,323**  
[13] A1

[51] **Int.Cl. 6C12P 7/60**  
[25] EN  
[54] **ELECTRODIALYSIS METHODS FOR PURIFICATION AND RECOVERY OF GLUCONIC ACID DERIVATIVES**  
[54] **PROCEDES D'ELECTRODIALYSE POUR LA PURIFICATION ET LA RECUPERATION DE DERIVES D'ACIDE GLUCONIQUE**  
[72] GENDERS, J. DAVID, US  
[72] GOPAL, RAM, US  
[72] HARTSOUGH, DAN M., US  
[72] ZAPPI, GUILLERMO D., US  
[72] MAZUR, DUANE J., US  
[72] LONG, WILLIAM J., US  
[72] KENDALL, PETER M., US  
[71] THE ELECTROSYNTHESIS COMPANY, INC., US  
[85] 2000-11-15  
[86] 1999-05-26 (PCT/US99/11671)  
[87] 1999-12-02 (WO99/61647)  
[30] US (60/086,792) 1998-05-26  
[30] US (09/318,348) 1999-05-25

[21] **2,332,324**  
[13] A1

[51] **Int.Cl. 7C08F 10/02 7C08F 4/642 7C08F 4/646**  
[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] ACKERMAN, STEVEN KENT, US  
[72] GLOWCZWSKI, DAVID MICHAEL, US  
[72] KUO, CHI-I, US  
[72] AGAPIOU, AGAPIOS KYRIACOS, US  
[71] UNIVATION TECHNOLOGIES LLC, US  
[85] 2000-11-15  
[86] 1999-06-23 (PCT/US99/14192)  
[87] 2000-01-20 (WO00/02930)  
[30] US (09/113,216) 1998-07-10

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<p style="text-align: right;">[21] <b>2,332,325</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 277/48</b> [25] EN [54] <b>CARBON SUBSTITUTED AMINOTHIAZOLE INHIBITORS OF CYCLIN DEPENDENT KINASES</b> [54] <b>AMINOTHIAZOLE A SUBSTITUANT CARBONE, INHIBITEURS DE KINASES DEPENDANTES DE CYCLINE</b> [72] MISRA, RAJ N., US [72] RAWLINS, DAVID B., US [72] WEBSTER, KEVIN R., US [72] KIMBALL, S. DAVID, US [72] KIM, KYOUNG S., US [71] BRISTOL-MYERS SQUIBB COMPANY, US [85] 2000-11-15 [86] 1999-06-11 (PCT/US99/13034) [87] 1999-12-23 (WO99/65884) [30] US (60/089,747) 1998-06-18</p>	<p style="text-align: right;">[21] <b>2,332,327</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b> [25] EN [54] <b>DEMOGRAPHIC INFORMATION GATHERING AND INCENTIVE AWARD SYSTEM AND METHOD</b> [54] <b>SYSTEME ET PROCEDE DE COLLECTE DE DONNEES DEMOGRAPHIQUES ET D'OCTROI DE PRIMES D'ENCOURAGEMENT</b> [72] BISTRICEANU, VIRGIL, US [72] MULLER, CRAIG, US [71] DIRECT MARKETING TECHNOLOGY, INC., US [85] 2000-11-16 [86] 1999-05-13 (PCT/US99/10636) [87] 1999-11-25 (WO99/60503) [30] US (09/080,946) 1998-05-19</p>	<p style="text-align: right;">[21] <b>2,332,329</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07G 1/14</b> [25] EN [54] <b>PROCESS, SYSTEM AND COMPUTER READABLE MEDIUM FOR CONSOLIDATION OF COMMUNICATION AMONG PERIPHERAL DEVICES IN A RETAIL STORE ENVIRONMENT</b> [54] <b>PROCEDE, SYSTEME ET SUPPORT LISIBLE PAR ORDINATEUR PERMETTANT DE CONSOLIDER LA COMMUNICATION ENTRE PERIPHERIQUES DANS UN ENVIRONNEMENT DE MAGASIN DE DETAIL</b> [72] CLACK, JAMES B., US [72] WILLIAMS, ERIC N., US [72] GREENFIELD, STEVEN J., US [71] CATALINA MARKETING INTERNATIONAL, INC., US [85] 2000-11-16 [86] 1999-02-03 (PCT/US99/01857) [87] 2000-07-13 (WO00/41145) [30] US (09/225,449) 1999-01-06</p>
<p style="text-align: right;">[21] <b>2,332,326</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 37/00</b> [25] EN [54] <b>SEALANT APPLICATOR AND METHOD EMPLOYING IMPULSE CLEARING</b> [54] <b>APPLICATEUR D'AGENT DE SCELLEMENT ET PROCEDE UTILISANT LA DESOBSTRUCTION PAR IMPULSION</b> [72] EPSTEIN, GORDON HOWARD, US [72] LEVINSON, MITCHELL E., US [71] BAXTER INTERNATIONAL INC., US [85] 2000-11-15 [86] 1999-05-20 (PCT/US99/11392) [87] 1999-11-25 (WO99/59670) [30] US (60/086,208) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,332,328</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/21</b> [25] EN [54] <b>COMPOSITIONS COMPRISING ORGANIC MONO- OR DINITRATE FOR TREATING IMPOTENCE</b> [54] <b>COMPOSITIONS COMPRENANT UN MONO- OU DINITRATE ORGANIQUE ET DESTINEES A TRAITER L'IMPUISSANCE</b> [72] FUNG, HO-LEUNG, US [72] BAUER, JOHN A., US [72] TESTMAN, ROBERT, US [72] SELIM, SAMI, US [71] BAKER NORTON PHARMACEUTICALS, INC., US [85] 2000-11-16 [86] 1999-05-18 (PCT/US99/10933) [87] 1999-11-25 (WO99/59575) [30] US (09/081,108) 1998-05-18</p>	<p style="text-align: right;">[21] <b>2,332,330</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02C 7/04</b> [25] EN [54] <b>CONTACT LENSES WITH CONTOURED EDGES</b> [54] <b>LENTILLES DE CONTACT AUX BORDS PROFILES</b> [72] CLUTTERBUCK, TIMOTHY, US [72] ROFFMAN, JEFFERY, US [72] JUBIN, PHILIPPE, US [71] JOHNSON &amp; JOHNSON VISION CARE, INC., US [85] 2000-11-16 [86] 2000-02-24 (PCT/US00/04635) [87] 2000-10-05 (WO00/58773) [30] US (09/275,866) 1999-03-25</p>

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[21] **2,332,331**  
[13] A1

[51] **Int.Cl. 6C07K 16/00 6A61K 39/395**  
[25] EN  
[54] **TREATMENT OF HUMAN TUMORS WITH RADIATION AND INHIBITORS OF GROWTH FACTOR RECEPTOR TYROSINE KINASES**  
[54] **TRAITEMENT DE TUMEURS HUMAINES A L'AIDE D'UN RAYONNEMENT ET D'INHIBITEURS DE TYROSINE KINASES DE RECEPTEURS DU FACTEUR DE CROISSANCE**  
[72] SALEH, MANSOOR N., US  
[72] ROBERT, FRANCISCO, US  
[72] BUCHSBAUM, DONALD JAY, US  
[72] WAKSAL, HARLAN W., US  
[71] IMCLONE SYSTEMS INCORPORATED, US  
[71] UAB RESEARCH FOUNDATION, US  
[85] 2000-11-15  
[86] 1999-05-14 (PCT/US99/10741)  
[87] 1999-11-25 (WO99/60023)  
[30] US (60/085,613) 1998-05-15  
[30] US (09/079,612) 1998-05-15  
[30] US (09/206,138) 1998-12-07

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

[51] **Int.Cl. 6A01N 37/04 6C07C 69/02 6A01N 37/02 6C07C 69/34**  
[25] EN  
[54] **PHEROMONES**  
[54] **PHEROMONES**  
[72] LOFQVIST, JAN, SE  
[72] BIDDLE, ANTHONY, GB  
[72] PLASS, ERNST, DE  
[72] HILLBUR, YLVA BIRGITTA, SE  
[72] FRANCKE, STEPHAN, DE  
[72] FRANCKE, WITTKO, DE  
[71] LOFQVIST, JAN, SE  
[71] BIDDLE, ANTHONY, GB  
[71] PLASS, ERNST, DE  
[71] HILLBUR, YLVA BIRGITTA, SE  
[71] FRANCKE, STEPHAN, DE  
[71] FRANCKE, WITTKO, DE  
[85] 2000-11-17  
[86] 1999-05-19 (PCT/SE99/00850)  
[87] 1999-11-25 (WO99/59408)  
[30] SE (9801789-0) 1998-05-19  
[30] SE (9804483-7) 1998-12-22

[21] **2,332,333**  
[13] A1

[51] **Int.Cl. 6C08G 63/664 6C08L 71/02 6A61K 9/20 6A61K 9/51**  
[25] EN  
[54] **POLYETHYLENE GLYCOL-POLYORTHOESTER, POLYETHYLENE GLYCOL-POLYORTHOESTER-POLYTHYLENE GLYCOL, AND POLYORTHOESTER-POLYETHYLENE GLYCOL-POLYORTHOESTER BLOCK COPOLYMERS**  
[54] **COPOLYMERES BLOCS DE TYPES POLYETHYLENEGLYCOL-POLYORTHOESTER, POLYETHYLENEGLYCOL-POLYORTHOESTER-POLYETHYLENEGLYCOL, ET POLYORTHOESTER-POLYETHYLENEGLYCOL-POLYORTHOESTER**  
[72] HELLER, JORGE, US  
[72] NG, STEVEN Y., US  
[71] ADVANCED POLYMER SYSTEMS, INC., US  
[85] 2000-11-15  
[86] 1999-05-28 (PCT/US99/11952)  
[87] 1999-12-09 (WO99/62983)  
[30] US (09/090,648) 1998-06-04

[21] **2,332,335**  
[13] A1

[51] **Int.Cl. 6B21H 5/00**  
[25] EN  
[54] **ANTIFRICTION SUPPORT FOR ROLL FORMING RACKS**  
[54] **SUPPORT ANTI-FROTTEMENT POUR PROFILAGE DE PEIGNES DE FORMAGE**  
[72] KILLOP, JAMES THOMAS, US  
[72] ROSELIEP, ROBERT E., US  
[71] UTICA ENTERPRISES, INC., US  
[85] 2000-11-16  
[86] 1999-06-01 (PCT/US99/11967)  
[87] 1999-12-16 (WO99/64184)  
[30] US (09/093,453) 1998-06-08

[21] **2,332,336**  
[13] A1

[51] **Int.Cl. 6A01K 67/027 6C12P 21/08 6C12N 5/28**  
[25] EN  
[54] **METHOD FOR EXPANDING PRIMATE B CELLS SELECTIVELY IN IMMUNOCOMPROMISED MICE AND PRODUCING LARGE NUMBERS OF ANTIGEN-SPECIFIC B LYMPHOCYTES FOR THE PRODUCTION OF PRIMATE MONOCLONAL ANTIBODIES**  
[54] **PROCEDE PERMETTANT D'AUGMENTER DES LYMPHOCYTES B DE PRIMATES CHEZ LA SOURIS IMMUNODEPRIMEE, ET DE PRODUIRE DE GRANDS NOMBRES DE LYMPHOCYTES B SPECIFIQUES DE L'ANTIGENE POUR LA PRODUCTION D'ANTICORPS MONOCLONAUX DE PRIMATES**  
[72] DEPLA, ERIK, BE  
[72] LEROUX-ROELS, GEERT, BE  
[72] DEPRAETERE, STANY, BE  
[71] INNOGENETICS N.V., BE  
[85] 2000-11-15  
[86] 1999-05-25 (PCT/EP99/03605)  
[87] 1999-12-02 (WO99/60846)  
[30] EP (98870121.5) 1998-05-26

[21] **2,332,337**  
[13] A1

[51] **Int.Cl. 7E02D 35/00 7B22D 19/04 7B28B 7/28 7E04B 1/38**  
[25] EN  
[54] **CONCRETE VOID FORMER AND COOPERATING COVER**  
[54] **DISPOSITIF DE FORMATION DE VIDES DE BETON ET COUVERCLE COOPERANT**  
[72] LANCELOT, HARRY B., III, US  
[72] LANNOM, THOMAS E., US  
[72] FRANCIES, SIDNEY E., III, US  
[71] DAYTON SUPERIOR CORPORATION, US  
[85] 2000-11-16  
[86] 2000-04-07 (PCT/US00/09376)  
[87] 2000-10-12 (WO00/60176)  
[30] US (60/128,349) 1999-04-08

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[21] **2,332,338**  
[13] A1

[51] **Int.Cl. 6A61K 38/02 6C07K 14/00 6C07K 7/06 6A61K 38/08 6C07K 7/08 6A61K 38/10 6A61K 38/16 6A61K 38/18 6A61K 38/19 6A61K 38/22**

[25] EN

[54] **HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC PROPERTIES**

[54] **POLYPEPTIDES HYBRIDES DOTES DE PROPRIETES PHARMACOCINETIQUES AMELIOREES**

[72] ANWER, MOHMED K., US

[72] MERUTKA, GENE, US

[72] GUTHRIE, KELLY I., US

[72] BARNEY, SHAWN, US

[72] LAMBERT, DENNIS M., US

[71] TRIMERIS, INC., US

[85] 2000-11-15

[86] 1999-05-20 (PCT/US99/11219)

[87] 1999-11-25 (WO99/59615)

[30] US (09/082,279) 1998-05-20

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[21] **2,332,340**  
[13] A1

[51] **Int.Cl. 7E04G 25/00 7E04H 12/20**

[25] EN

[54] **KNEE BRACE BRACKET FOR TILT-UP CONSTRUCTION**

[54] **CONSOLE A ETAI COUDE POUR CONSTRUCTION BASCULANTE**

[72] TRUITT, ROBERT E., US

[71] DAYTON SUPERIOR CORPORATION, US

[85] 2000-11-16

[86] 2000-03-20 (PCT/US00/07341)

[87] 2000-10-19 (WO00/61893)

[30] US (09/291,219) 1999-04-13

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[21] **2,332,341**  
[13] A1

[51] **Int.Cl. 7B32B 27/00**

[25] EN

[54] **MANUFACTURE OF VOID-FREE LAMINATES AND USE THEREOF**

[54] **PRODUCTION DE STRATIFIES COMPACTS ET UTILISATION DE CES STRATIFIES**

[72] PEAKE, STEVE, US

[72] BOYD, JACK, US

[72] XU, GUO FENG, US

[72] MORTIMER, STEVE, GB

[72] REPECKA, LINAS, US

[71] CYTEC TECHNOLOGY CORPORATION, US

[85] 2000-11-15

[86] 1999-05-20 (PCT/US99/11333)

[87] 2000-11-20 (WO01/00405)

[30] US (60/086,142) 1998-05-20

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[21] **2,332,342**  
[13] A1

[51] **Int.Cl. 6B42F 21/00 6G09B 19/00 6B42D 11/00**

[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] DIXON, MERRITT W., III, US

[72] MCCREARY, JAMES B., US

[71] LET'S GO SHOPPING, US

[85] 2000-11-16

[86] 1999-05-18 (PCT/US99/10978)

[87] 1999-11-25 (WO99/59829)

[30] US (60/086,045) 1998-05-19

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[21] **2,332,343**  
[13] A1

[51] **Int.Cl. 6H04N 7/173**

[25] EN

[54] **PROGRAM GUIDE SYSTEM WITH VIDEO-ON-DEMAND BROWSING**

[54] **SYSTEME DE GUIDE DE PROGRAMMES AVEC VISUALISATION DE TITRES DE FILMS VIDEO A LA CARTE**

[72] ELLIS, MICHAEL D., US

[71] UNITED VIDEO PROPERTIES, INC., US

[85] 2000-11-16

[86] 1999-05-18 (PCT/US99/11015)

[87] 1999-11-25 (WO99/60790)

[30] US (60/086,046) 1998-05-19

[30] US (09/262,870) 1999-03-04

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[21] **2,332,347**  
[13] A1

[51] **Int.Cl. 7H05B 41/298**

[25] EN

[54] **SUPPLY COUPLING OF A FLUORESCENT LAMP**

[54] **COUPLAGE D'ALIMENTATION DE LAMPE FLUORESCENTE**

[72] PIENISAARI, HEIKKI, FI

[71] INNOWARE OY, FI

[85] 2000-11-17

[86] 2000-03-29 (PCT/FI00/00269)

[87] 2000-10-05 (WO00/59273)

[30] FI (990706) 1999-03-30

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[21] **2,332,348**  
[13] A1

[51] **Int.Cl. 6A01N 41/10**

[25] EN

[54] **HERBICIDAL COMPOSITION**

[54] **COMPOSITION HERBICIDE**

[72] RUEGG, WILLY, CH

[71] NOVARTIS AG, CH

[85] 2000-11-17

[86] 1999-06-24 (PCT/EP99/04373)

[87] 2000-01-06 (WO00/00029)

[30] CH (1372/98) 1998-06-26

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[21] **2,332,349**  
[13] A1

[51] **Int.Cl. 6G01N 33/50**

[25] EN

[54] **PREDICTIVE TEST FOR PRE-ECLAMPSIA**

[54] **TEST PREVISIONNEL DE PRE-ECLAMPSIE**

[72] REDMAN, CHRISTOPHER, GB

[72] WALD, NICHOLAS JOHN, GB

[71] QUEEN MARY & WESTFIELD COLLEGE, GB

[71] UNIVERSITY OF OXFORD, GB

[85] 2000-11-17

[86] 1999-06-09 (PCT/GB99/01828)

[87] 1999-12-16 (WO99/64860)

[30] GB (9812432.4) 1998-06-09

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[21] **2,332,350**  
[13] A1

[51] **Int.Cl. 6G07F 7/10 6G06F 1/00**  
[25] EN  
[54] **ACCESS-CONTROLLED DATA STORAGE MEDIUM**  
[54] **SUPPORT DE DONNEES A ACCES PROTEGE**  
[72] JOHNSON, ERIC, DE  
[72] DREXLER, HERMANN, DE  
[72] VATER, HARALD, DE  
[71] GIESECKE & DEVRIENT GMBH, DE  
[85] 2000-11-17  
[86] 1999-05-17 (PCT/EP99/03385)  
[87] 1999-11-25 (WO99/60534)  
[30] DE (198 22 217.3) 1998-05-18  
[30] DE (198 22 220.3) 1998-05-18  
[30] DE (198 22 218.1) 1998-05-18

[21] **2,332,351**  
[13] A1

[51] **Int.Cl. 6E04D 1/36 6E04D 13/14**  
[25] EN  
[54] **ROOFING MECHANISM**  
[54] **DISPOSITIF POUR TOITURE**  
[72] LYONS, ROBERT SR., US  
[71] THE BILCO COMPANY, US  
[85] 2000-11-17  
[86] 1999-06-11 (PCT/US99/13007)  
[87] 1999-12-29 (WO99/67479)  
[30] US (09/103,037) 1998-06-23

[21] **2,332,352**  
[13] A1

[51] **Int.Cl. 6C07D 253/06 6C07D 405/04 6A01N 43/707 6C07C 69/738 6A01N 43/76 6C07C 59/84 6A01N 43/84 6C07C 59/90**  
[25] EN  
[54] **SUBSTITUTED 6-ARYL-3-THIOXO-5-(THI)OXO-2,3,4,5-TETRAHYDRO-1,2,4-TRIAZINES**  
[54] **6-ARYL-3-THIOXO-5-(THI)OXO-2,3,4,5-TETRAHYDRO-1,2,4-TRIAZINES SUBSTITUEES**  
[72] OTTEN, MARTINA, DE  
[72] ZAGAR, CYRILL, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] SCHAFER, PETER, DE  
[72] RACK, MICHAEL, DE  
[72] HAMPRECHT, GERHARD, DE  
[72] GOTZ, ROLAND, DE  
[72] MENKE, OLAF, DE  
[72] WALTER, HELMUT, DE  
[72] REINHARD, ROBERT, DE  
[72] MENGES, MARKUS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-11-17  
[86] 1999-05-19 (PCT/EP99/03424)  
[87] 1999-11-25 (WO99/59983)  
[30] DE (198 22 824.4) 1998-05-20

[21] **2,332,353**  
[13] A1

[51] **Int.Cl. 6F02C 7/266 6F02P 15/00**  
[25] EN  
[54] **EXCITER CONTROLLED BY FULL AUTHORITY DIGITAL ELECTRONIC CONTROL (FADEC) SYSTEM**  
[54] **EXCITATEUR A COMMANDE PAR UN SYSTEME DE REGULATION ELECTRONIQUE NUMERIQUE A AUTORITE COMPLETE (FADEC)**  
[72] COTE, PIERRE, CA  
[72] NOBRE, ANTONIO H., CA  
[71] PRATT & WHITNEY CANADA INC., CA  
[85] 2000-11-17  
[86] 1999-05-20 (PCT/CA99/00450)  
[87] 1999-12-09 (WO99/63212)  
[30] US (09/088,686) 1998-06-02

[21] **2,332,354**  
[13] A1

[51] **Int.Cl. 6A23B 9/02**  
[25] EN  
[54] **METHOD FOR STERILISING CEREAL AND LEGUMINOUS PRODUCTS**  
[54] **PROCEDE DE STERILISATION DE PRODUITS CEREALIERS ET DE PRODUITS A BASE DE LEGUMES**  
[72] TINERI, ROBERT M., US  
[72] FISCHER, PHILLIP LAWRENCE, US  
[72] DELRUE, RITA M., US  
[71] CARGILL, INCORPORATED, US  
[85] 2000-11-17  
[86] 1999-05-14 (PCT/US99/10748)  
[87] 1999-11-25 (WO99/59418)  
[30] US (09/081,380) 1998-05-19

[21] **2,332,355**  
[13] A1

[51] **Int.Cl. 6H04B 1/16 6H04Q 7/18**  
[25] EN  
[54] **RADIO RECEIVERS**  
[54] **RECEPTEURS RADIO**  
[72] STAPELFELD, NORVAL, US  
[72] APSELL, SHELDON, US  
[72] KUTLOW, DAN, US  
[71] LOJACK VENTURE CORPORATION-MICROLOGIC, INC., US  
[85] 2000-11-17  
[86] 1999-03-29 (PCT/IB99/00533)  
[87] 1999-11-25 (WO99/60711)  
[30] US (09/082,346) 1998-05-20

[21] **2,332,356**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DATA VISUALIZATION**  
[54] **SYSTEME ET PROCEDE DE VISUALISATION DE DONNEES**  
[72] GUPTON, ROBERT, US  
[72] MEIER, BERNHARD, SE  
[71] ERICSSON INC., US  
[85] 2000-11-17  
[86] 1999-05-10 (PCT/US99/10245)  
[87] 1999-12-02 (WO99/62015)  
[30] US (09/086,210) 1998-05-28

[21] **2,332,409**  
[13] A1

[51] **Int.Cl. 6B01D 46/24 6B01D 53/04**  
[25] EN  
[54] **STACK FILTER ASSEMBLY AND METHODS**  
[54] **ENSEMBLE FILTRE EN SUPERPOSITION ET PROCEDES AFFERENTS**  
[72] CAREY, TODD G., US  
[72] FERRIS, DAVID G., US  
[72] SCHNEIDER, KIRK A., US  
[72] KELLER, SCOTT A., US  
[71] DONALDSON COMPANY, INC., US  
[85] 2000-11-17  
[86] 1999-05-20 (PCT/US99/11118)  
[87] 1999-12-09 (WO99/62618)  
[30] US (09/090,291) 1998-06-04

[21] **2,332,417**  
[13] A1

[51] **Int.Cl. 6B60C 9/20 6B60C 9/28**  
[25] FR  
[54] **ARMATURE DE SOMMET DE PNEUMATIQUE**  
[54] **TYRE BREAKER PLY REINFORCEMENT**  
[72] CLUZEL, GUY, FR  
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[85] 2000-11-07  
[86] 1999-04-23 (PCT/EP99/02741)  
[87] 1999-11-18 (WO99/58350)  
[30] FR (98/06000) 1998-05-11

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<p style="text-align: right;">[21] <b>2,332,419</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60C 15/02 6B60C 3/00 6B60C 3/04 6B60C 9/20</b> [25] FR [54] <b>PNEUMATIQUE A ARMATURE DE SOMMET TRIANGULEE</b> [54] <b>TYRE WITH LACED BREAKER PLY REINFORCEMENT</b> [72] MERINO LOPEZ, JOSE, FR [72] AUXERRE, PASCAL, FR [71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN &amp; CIE, FR [85] 2000-11-07 [86] 1999-04-29 (PCT/EP99/02910) [87] 1999-11-18 (WO99/58352) [30] FR (98/06001) 1998-05-11</p>	<p style="text-align: right;">[21] <b>2,332,428</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47K 10/36</b> [25] FR [54] <b>DISPOSITIF DE CONTROLE ET DE LIMITATION DE LA ROTATION DU TAMBOUR DANS UN APPAREIL DISTRIBUTEUR DE MATERIAUX D'ESSUYAGE</b> [54] <b>DEVICE FOR CONTROLLING AND LIMITING THE DRUM ROTATION IN A WIPING MATERIAL DISPENSER</b> [72] GRANGER, MAURICE, FR [71] GRANGER, MAURICE, FR [85] 2000-11-08 [86] 1999-05-18 (PCT/FR99/01175) [87] 1999-12-29 (WO99/66822) [30] FR (98/07967) 1998-06-19</p>	<p style="text-align: right;">[21] <b>2,332,436</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07F 7/10</b> [25] FR [54] <b>PROCEDE POUR EFFECTUER UNE TRANSACTION SECURISEE AU MOYEN D'UNE CARTE A PUCE A TRAVERS UN RESEAU DE TELECOMMUNICATION</b> [54] <b>METHOD FOR CARRYING OUT A SECURE TRANSACTION USING A SMART CARD VIA A TELECOMMUNICATION NETWORK</b> [72] DREHER, DOMINIQUE, FR [72] IMBERT, PATRICK, FR [71] GEMPLUS, FR [85] 2000-11-08 [86] 1999-04-20 (PCT/FR99/00927) [87] 1999-11-18 (WO99/59108) [30] FR (98/05973) 1998-05-12</p>
<p style="text-align: right;">[21] <b>2,332,421</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60C 9/28 6B60C 9/20</b> [25] FR [54] <b>ARMATURE DE SOMMET DE PNEUMATIQUE RADIAL</b> [54] <b>RADIAL TYRE BREAKER PLY REINFORCEMENT</b> [72] CLUZEL, GUY, FR [71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN &amp; CIE, FR [85] 2000-11-07 [86] 1999-04-23 (PCT/EP99/02740) [87] 1999-11-18 (WO99/58351) [30] FR (98/05999) 1998-05-11</p>	<p style="text-align: right;">[21] <b>2,332,433</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61C 11/00</b> [25] FR [54] <b>ARTICULATEUR PERMETTANT L'ELABORATION DE PROTHESES DENTAIRES</b> [54] <b>ARTICULATOR FOR PRODUCING DENTAL PROSTHESES</b> [72] ROCHER, PASCAL, FR [71] ROCHER, PASCAL, FR [85] 2000-11-07 [86] 1999-05-20 (PCT/FR99/01197) [87] 1999-12-02 (WO99/60947) [30] FR (98/06521) 1998-05-25</p>	<p style="text-align: right;">[21] <b>2,332,437</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09F 9/00</b> [25] FR [54] <b>ECRAN MATRICIEL SOUPLE ET TACTILE</b> [54] <b>FLEXIBLE TOUCH-SENSITIVE MATRIX CATHODE RAY TUBE</b> [72] FAVREAU, JEAN-CHRETIEN, FR [71] FAVREAU, JEAN-CHRETIEN, FR [85] 2000-11-08 [86] 1999-04-30 (PCT/FR99/01029) [87] 1999-11-11 (WO99/57703) [30] FR (98/05471) 1998-04-30 [30] FR (99/05440) 1999-04-29</p>
<p style="text-align: right;">[21] <b>2,332,425</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/16</b> [25] FR [54] <b>DISPOSITIF DE PLIAGE DE LENTILLE INTRAOCULAIRE</b> [54] <b>DEVICE FOR BENDING AN INTRAOCULAR LENS</b> [72] DAVID, FLORIAN, FR [72] PYNSON, JOEL, FR [71] CHAUVIN OPSIA, FR [85] 2000-11-08 [86] 1999-04-28 (PCT/FR99/01006) [87] 1999-11-25 (WO99/59504) [30] FR (98/06155) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,332,435</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 81/03</b> [25] FR [54] <b>PRODUIT D'EMBALLAGE, A BASE DE GRAINES ECLATEES ET PROCEDE D'OBTENTION</b> [54] <b>PACKAGING METHOD, BASED ON BURST GRAINS AND METHOD FOR OBTAINING SAME</b> [72] DE MOUSTIER, LUC, FR [71] DE MOUSTIER, LUC, FR [85] 2000-11-08 [86] 1999-05-12 (PCT/FR99/01144) [87] 1999-11-25 (WO99/59894) [30] FR (98/06193) 1998-05-15 [30] FR (98/11953) 1998-09-24</p>	<p style="text-align: right;">[21] <b>2,332,438</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 3/28 6C12M 1/107</b> [25] FR [54] <b>PERFECTIONNEMENTS APPORTES AUX RESERVOIRS ETANCHES POUR LA METHANISATION OU LE STOCKAGE EN AMBIANCE CORROSIVE</b> [54] <b>IMPROVEMENTS TO SEALED RESERVOIRS FOR METHANATION OR STORAGE IN CORROSIVE ATMOSPHERE</b> [72] MALIGE, JEAN LUC, FR [72] SUHR, PATRICK, FR [71] DEGREMONT, FR [85] 2000-11-09 [86] 1999-04-22 (PCT/FR99/00962) [87] 1999-11-18 (WO99/58458) [30] FR (98/06030) 1998-05-13</p>



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[21] **2,332,439**  
[13] A1

[51] **Int.Cl. 6B01J 19/10 6B06B 3/00 6G10K 11/02**  
[25] FR  
[54] **REACTEUR A CAVITATION ACOUSTIQUE**  
[54] **REACTOR WITH ACOUSTIC CAVITATION**  
[72] AGBOSSOU, KODJO, CA  
[72] DION, JEAN-LUC, CA  
[71] SONERTEC INC., CA  
[85] 2000-11-09  
[86] 1999-05-25 (PCT/CA99/00480)  
[87] 1999-12-02 (WO99/61149)  
[30] CA (2,238,951) 1998-05-26

[21] **2,332,441**  
[13] A1

[51] **Int.Cl. 6A47K 10/36 6B65H 35/00**  
[25] FR  
[54] **APPAREIL DISTRIBUTEUR DE MATERIAU D'ESSUYAGE**  
[54] **WIPING MATERIAL DISPENSING APPARATUS**  
[72] GRANGER, MAURICE, FR  
[71] GRANGER, MAURICE, FR  
[85] 2000-11-09  
[86] 1999-04-06 (PCT/FR99/00782)  
[87] 1999-12-02 (WO99/60905)  
[30] FR (98/06702) 1998-05-25

[21] **2,332,442**  
[13] A1

[51] **Int.Cl. 7E04B 7/02 7E04B 1/61**  
[25] EN  
[54] **FRP ROOF MATERIAL, METHOD OF MANUFACTURING THE ROOF MATERIAL, AND STRUCTURE AND METHOD FOR CONNECTING THE ROOF MATERIAL**  
[54] **MATERIAU DE PLASTIQUE ARME POUR TOITURES, SON PROCEDE DE FABRICATION, ET STRUCTURES ET PROCEDES DE LIAISON D'ELEMENTS DUDIT MATERIAU**  
[72] ITO, TOSHIHIRO, JP  
[72] KONDO, TOSHIYUKI, JP  
[72] MATSUURA, MASASHI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2000-11-17  
[86] 2000-03-16 (PCT/JP00/01594)  
[87] 2000-09-28 (WO00/56993)  
[30] JP (11/74722) 1999-03-19

[21] **2,332,443**  
[13] A1

[51] **Int.Cl. 6C07D 233/32 6C07D 243/04 6C07D 239/10 6C07D 233/36 6C07D 233/42 6A01N 43/48 6A01N 43/50 6A01N 43/54**  
[25] EN  
[54] **SUBSTITUTED 1,3-DIAZA-2-(THI)OXO-CYCLOALKANES**  
[54] **1,3-DIAZA-2-(THI)OXO-CYCLOALKANES SUBSTITUES**  
[72] DOLLINGER, MARKUS, US  
[72] MULLER, KLAUS-HELMUT, DE  
[72] DREWES, MARK WILHELM, DE  
[72] MYERS, RANDY ALLEN, US  
[72] WETCHOLOWSKY, INGO, BR  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-11-17  
[86] 1999-05-18 (PCT/EP99/03422)  
[87] 1999-11-25 (WO99/59977)  
[30] DE (198 22 678.0) 1998-05-20

[21] **2,332,444**  
[13] A1

[51] **Int.Cl. 6A61K 31/045**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION COMPRISING D-CHIRO-INOSITOL FOR IMPROVING INSULIN SENSITIVITY AND GLUCOSE METABOLISM**  
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT D-CHIRO-INOSITOL ET DESTINEE A AMELIORER LA SENSIBILITE A L'INSULINE ET LE METABOLISME DU GLUCOSE**  
[72] ALLAN, GEOFFREY, US  
[71] INSMED PHARMACEUTICALS, INC., US  
[85] 2000-11-17  
[86] 1999-05-19 (PCT/US99/10951)  
[87] 1999-11-25 (WO99/59564)  
[30] US (09/080,459) 1998-05-19

[21] **2,332,445**  
[13] A1

[51] **Int.Cl. 6E04B 1/76 6E04B 1/78**  
[25] EN  
[54] **UNIVERSAL INSULATION PRODUCT AND METHOD FOR INSTALLING**  
[54] **PRODUIT D'ISOLATION POLYVALENT ET PROCEDE D'INSTALLATION**  
[72] BERDAN, CLARKE II, US  
[72] WATTON, WILLIAM A., US  
[72] O'BRIEN-BERNINI, FRANK C., US  
[71] OWENS CORNING, US  
[85] 2000-11-17  
[86] 1999-06-02 (PCT/US99/12204)  
[87] 1999-12-09 (WO99/63176)  
[30] US (09/088,974) 1998-06-02

[21] **2,332,452**  
[13] A1

[51] **Int.Cl. 6H01M 10/40 6H01M 4/02 6H01M 2/16 6H01M 10/42 6H01M 4/58**  
[25] EN  
[54] **NONAQUEOUS SECONDARY CELL AND METHOD FOR CONTROLLING THE SAME**  
[54] **PILE SECONDAIRE NON AQUEUSE ET SON PROCEDE DE CONTROLE**  
[72] KIKUTA, HARUO, JP  
[72] KINOSHITA, HAJIME, JP  
[72] TAJIRI, HIROYUKI, JP  
[72] KATO, SHIRO, JP  
[72] YATA, SHIZUKUNI, JP  
[71] OSAKA GAS COMPANY LIMITED, JP  
[85] 2000-11-17  
[86] 1999-05-20 (PCT/JP99/02658)  
[87] 1999-11-25 (WO99/60652)  
[30] JP (10/138347) 1998-05-20  
[30] JP (10/165373) 1998-06-12  
[30] JP (10/369928) 1998-12-25  
[30] JP (10/369936) 1998-12-25  
[30] JP (10/369969) 1998-12-25  
[30] JP (10/369986) 1998-12-25  
[30] JP (10/373667) 1998-12-28  
[30] JP (11/65072) 1999-03-11

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[21] **2,332,458**  
[13] A1

[51] **Int.Cl. 6A23G 3/00 6A23G 3/30**  
[25] EN  
[54] **CO-PROCESSED COMPOSITIONS OF ACIDS AND WATER SOLUBLE CRYSTALLINE COMPOUNDS AND RELATED PRODUCTS AND METHODS**  
[54] **COMPOSITIONS COTRAITEES CONTENANT DES ACIDES ET DES COMPOSES CRISTALLINS SOLUBLES DANS L'EAU, ET PRODUITS ET PROCEDES ASSOCIES**  
[72] HUZINEC, ROBERT, US  
[72] LE, ANH, US  
[71] SPI POLYOLS, INC., US  
[71] HERSHEY FOODS CORPORATION, US  
[85] 2000-11-17  
[86] 1999-05-19 (PCT/US99/11072)  
[87] 1999-11-25 (WO99/59427)  
[30] US (09/080,970) 1998-05-19

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[21] **2,332,464**  
[13] A1

[51] **Int.Cl. 7H05B 41/285**  
[25] EN  
[54] **CONTROL GEAR FOR FLUORESCENT LAMPS**  
[54] **COMMANDE POUR LAMPES FLUORESCENTES**  
[72] PIENISAARI, HEIKKI, FI  
[71] INNOWARE OY, FI  
[85] 2000-11-17  
[86] 2000-03-28 (PCT/FI00/00257)  
[87] 2000-10-05 (WO00/59271)  
[30] FI (990719) 1999-03-31

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[21] **2,332,465**  
[13] A1

[51] **Int.Cl. 6H04M 11/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR EXPANDING THE DATA CAPACITY OF A CELLULAR NETWORK CONTROL CHANNEL**  
[54] **PROCEDE ET SYSTEME D'EXPANSION DE LA CAPACITE DE DONNEES D'UNE VOIE DE COMMANDE D'UN RESEAU CELLULAIRE**  
[72] SANDIDGE, JERE T., US  
[71] CELLEMETRY LLC, US  
[85] 2000-11-17  
[86] 1999-05-20 (PCT/US99/11152)  
[87] 1999-11-25 (WO99/60769)  
[30] US (09/082,694) 1998-05-21

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[21] **2,332,499**  
[13] A1

[51] **Int.Cl. 6D21G 3/00 6B05C 11/04 6B41F 9/10 6B31F 1/14**  
[25] EN  
[54] **EQUIPMENT AND METHOD FOR REPLACING A BAND-LIKE DOCTOR BLADE**  
[54] **EQUIPEMENT ET PROCEDE POUR REMPLACER UNE LAME DE RACLOIR DE TYPE BANDE**  
[72] TOIVANEN, HEIKKI, FI  
[72] ESKELINEN, ILKKA, FI  
[71] VALMET CORPORATION, FI  
[85] 2000-11-17  
[86] 1999-05-17 (PCT/FI99/00420)  
[87] 1999-11-25 (WO99/60207)  
[30] FI (981111) 1998-05-19

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[21] **2,332,501**  
[13] A1

[51] **Int.Cl. 6C08G 8/24 6C08G 8/02 6C08G 8/04 6C10L 10/04 6C10L 1/14 6C10L 1/18 6C10L 1/22 6C10L 1/24**  
[25] EN  
[54] **ADDITIVES AND OIL COMPOSITIONS**  
[54] **ADDITIFS ET COMPOSITIONS A BASE D'HUILE**  
[72] TACK, ROBERT DRYDEN, GB  
[72] JACKSON, GRAHAM, GB  
[72] MORE, IAIN, GB  
[72] LEDEORE, CHRISTOPHE, FR  
[71] INFINEUM USA L.P., US  
[85] 2000-11-17  
[86] 1999-05-13 (PCT/EP99/03308)  
[87] 1999-12-02 (WO99/61498)  
[30] GB (9810995.2) 1998-05-22

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[51] **Int.Cl. 7A61K 31/443 7C07D 241/02 7C07D 279/02 7C07D 401/12 7A61K 31/4965 7A61K 31/5415**  
[25] EN  
[54] **SEROTONERGIC 5HT7 RECEPTOR COMPOUNDS FOR TREATING OCULAR AND CNS DISORDERS**  
[54] **COMPOSES A AFFINITE POUR LE RECEPTEUR DE 5HT7 SEROTONINERGIQUE, DESTINES AU TRAITEMENT DE TROUBLES OCULAIRES ET DU SYSTEME NERVEUX CENTRAL**  
[72] MAY, JESSE A., US  
[72] DEAN, THOMAS R., US  
[72] SHARIF, NAJAM A., US  
[72] CHEN, HWANG-HSING, US  
[71] ALCON LABORATORIES INC., US  
[85] 2000-11-17  
[86] 1999-05-10 (PCT/US99/10179)  
[87] 1999-11-25 (WO99/59499)  
[30] US (60/086,006) 1998-05-19  
[30] US (60/086,005) 1998-05-19  
[30] US (60/085,989) 1998-05-19  
[30] US (60/086,002) 1998-05-19

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[21] **2,332,507**  
[13] A1

[51] **Int.Cl. 6A61K 38/17 6C07H 21/04 6C07K 16/28 6C07K 16/40 6A61K 38/43 6C07K 14/435 6G01N 33/53 6G01N 33/543 6G01N 33/554 6C07K 14/705**  
[25] EN  
[54] **ANGIOSTATIN RECEPTOR RECEPTEUR D'ANGIOSTATINE**  
[72] STACK, MARY S., US  
[72] PIZZO, SALVATORE V., US  
[72] MOSER, TAMMY L., US  
[71] STACK, MARY S., US  
[71] NORTHWESTERN UNIVERSITY, US  
[71] DUKE UNIVERSITY, US  
[85] 2000-11-17  
[86] 1999-05-19 (PCT/US99/10957)  
[87] 1999-11-25 (WO99/59620)  
[30] US (60/086,155) 1998-05-19  
[30] US (60/124,070) 1999-03-12

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[13] A1  
[51] **Int.Cl. 6B01J 19/00 6B01J 4/00 6B67D 5/02 6C08F 2/42 6B65D 90/44**  
[25] EN  
[54] **SUPPLY SYSTEM FOR TRANSFERRING A FLUID TO A CONTAINER**  
[54] **SYSTEME D'ALIMENTATION POUR L'AMENEE D'UN FLUIDE A UN CONTENANT**  
[72] AICHINGER, HEINRICH, DE  
[72] FRIED, MICHAEL, DE  
[72] NESTLER, GERHARD, DE  
[72] ODENWALD, OLIVER, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-11-17  
[86] 1999-05-17 (PCT/EP99/03387)  
[87] 1999-11-25 (WO99/59717)  
[30] DE (198 22 492.3) 1998-05-19

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[13] A1  
[51] **Int.Cl. 6C12Q 1/68 6C12N 15/00 6C07H 21/02 6C07H 21/04**  
[25] EN  
[54] **IN SITU HYBRIDIZATION METHOD FOR DETECTING TARGET NUCLEIC ACID**  
[54] **PROCEDE D'HYBRIDATION IN SITU POUR DETECTION D'ACIDES NUCLEIQUES CIBLES**  
[72] HARRIS, NICK S., US  
[72] SHAH, JYOTSNA S., US  
[71] IGENEX, INC., US  
[85] 2000-11-17  
[86] 1999-05-18 (PCT/US99/11046)  
[87] 1999-11-25 (WO99/60163)  
[30] US (60/088,561) 1998-05-18

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[13] A1  
[51] **Int.Cl. 7H01G 9/12 7H01M 2/12**  
[25] EN  
[54] **HOLE SEALING PLATE AND PRESSURE REGULATING MECHANISM FOR THE HOLE SEALING PLATE**  
[54] **PLAQUE D'ETANCHEITE ET MECANISME DE REGULATION DE PRESSION DE LA PLAQUE D'ETANCHEITE**  
[72] AKAHORI, MASAMI, JP  
[72] MATSUNE, JO, JP  
[72] YOKOSE, KOICHI, JP  
[72] OHNO, KOICHI, JP  
[72] KUROKI, YUICHI, JP  
[72] HAYASHI, ZITUHIKO, JP  
[71] NOK CORPORATION, JP  
[85] 2000-11-17  
[86] 2000-03-17 (PCT/JP00/01668)  
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[30] JP (11/73123) 1999-03-18  
[30] JP (11/293989) 1999-10-15

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[13] A1  
[51] **Int.Cl. 6A61F 6/04 6A61F 6/10**  
[25] EN  
[54] **BROAD SPECTRUM MICROBICIDAL AND SPERMICIDAL COMPOSITIONS, DEVICES AND METHODS**  
[54] **COMPOSITIONS MICROBICIDES ET GERMICIDES A LARGE SPECTRE, DISPOSITIFS ET PROCEDES ASSOCIES**  
[72] HOWETT, MARY K., US  
[72] KREIDER, JOHN W., US  
[71] THE PENNSYLVANIA STATE UNIVERSITY, US  
[85] 2000-11-17  
[86] 1999-05-19 (PCT/US99/10956)  
[87] 1999-11-25 (WO99/59525)  
[30] US (09/081,199) 1998-05-19

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[13] A1  
[51] **Int.Cl. 6F22B 31/00 6F23C 11/02**  
[25] EN  
[54] **FLUIDIZED BED COMBUSTION SYSTEM WITH STEAM GENERATION**  
[54] **SYSTEME DE COMBUSTION EN LIT FLUIDISE AVEC PRODUCTION DE VAPEUR**  
[72] GUMMEL, PETER, DE  
[72] STAAB, WERNER-FRIEDRICH, DE  
[71] METALLGESELLSCHAFT AKTIENGESELLSCHAFT, DE  
[85] 2000-11-17  
[86] 1999-05-17 (PCT/EP99/03376)  
[87] 1999-11-25 (WO99/60305)  
[30] DE (198 22 304.8) 1998-05-18  
[30] DE (198 34 881.9) 1998-08-01

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[13] A1  
[51] **Int.Cl. 6G02B 5/20**  
[25] EN  
[54] **AN IMPROVED GRATING WRITING SYSTEM**  
[54] **SYSTEME DE TRACE DE RESEAU DE DIFFRACTION AMELIORE**  
[72] SCEATS, MARK, AU  
[72] POLADIAN, LEON, AU  
[71] THE UNIVERSITY OF SYDNEY, AU  
[85] 2000-11-17  
[86] 1999-05-26 (PCT/AU99/00403)  
[87] 1999-12-29 (WO99/67664)  
[30] AU (PP 4258) 1998-06-22

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[13] A1  
[51] Int.Cl. 6C08G 63/672 6C08J 5/18  
**6C08G 63/181**  
[25] EN  
[54] **MULTI-LAYERED POLYESTER ARTICLES CONTAINING A RESIDUE OF PHENYLENEDI(OXYACETIC ACID) AND HAVING GOOD BARRIER TO GAS PERMEATION**  
[54] **ARTICLES MULTICOUCHES EN POLYESTER CONTENANT UN RESIDU DE PHENYLENEDI(ACIDE OXYACETIQUE) ET COMPORTANT UNE BARRIERE EFFICACE CONTRE LE PASSAGE DES GAZ**  
[72] ROGERS, MARTIN E., US  
[72] LONG, TIMOTHY E., US  
[72] FAGERBURG, DAVID R., US  
[72] BARBEE, ROBERT B., US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 2000-11-15  
[86] 1999-06-14 (PCT/US99/13352)  
[87] 1999-12-23 (WO99/65967)  
[30] US (60/089,221) 1998-06-15  
[30] US (60/089,220) 1998-06-15  
[30] US (60/089,391) 1998-06-15

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[13] A1  
[51] Int.Cl. 6C07D 207/20 6C07D 405/10  
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[25] EN  
[54] **2-(2-METHYLPHENYL)-3,4-DIHYDRO-2H-PYRROL DERIVATIVES**  
[54] **DERIVES DE 2-(2-METHYLPHENYL)-3,4-DIHYDRO-2H-PYRROL**  
[72] ERDELEN, CHRISTOPH, DE  
[72] BACKHAUS, DIRK, DE  
[72] MENCKE, NORBERT, DE  
[72] TURBERG, ANDREAS, DE  
[72] PLANT, ANDREW, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-11-15  
[86] 1999-05-05 (PCT/EP99/03062)  
[87] 1999-11-25 (WO99/59967)  
[30] DE (198 22 245.9) 1998-05-18

[21] **2,332,524**  
[13] A1  
[51] Int.Cl. 6G02B 6/10 6G02B 6/12  
**6G02B 6/122**  
[25] EN  
[54] **AN ABSORBING LAYER FOR MINIMISING SUBSTRATE EXPOSURE DURING THE UV WRITING OF A WAVEGUIDE GRATING IN ADDITION TO A BIREFRINGENT CONTROL SYSTEM**  
[54] **COUCHE D'ABSORPTION PERMETTANT DE REDUIRE L'EXPOSITION D'UN SUBSTRAT PENDANT L'IMPRESSION PAR U.V. D'UN RESEAU GUIDE D'ONDES, ASSOCIEE A UN SYSTEME DE REGULATION DE LA BIREFRINGENCE**  
[72] CANNING, JOHN, AU  
[71] THE UNIVERSITY OF SYDNEY, AU  
[85] 2000-11-17  
[86] 1999-06-04 (PCT/AU99/00436)  
[87] 1999-12-09 (WO99/63372)  
[30] AU (PP 3900) 1998-06-04

[21] **2,332,530**  
[13] A1  
[51] Int.Cl. 6C02F 3/30  
[25] EN  
[54] **MULTISTAGE FACULTATIVE WASTEWATER TREATMENT SYSTEM**  
[54] **SYSTEME MULTI-ETAGE DE TRAITEMENT FACULTATIF DES EAUX USEES**  
[72] EDWARDS, HASKELL, US  
[71] ATARA ENVIRONMENTAL, INC., US  
[85] 2000-11-20  
[86] 1999-05-21 (PCT/US99/11458)  
[87] 1999-12-02 (WO99/61378)  
[30] US (09/083,787) 1998-05-22

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[13] A1  
[51] Int.Cl. 6A61L 27/00 6A61F 2/28  
**6D04H 1/42**  
[25] EN  
[54] **BIOMATERIALS CONTAINING HYALURONIC ACID DERIVATIVES IN THE FORM OF THREE-DIMENSIONAL STRUCTURES FREE FROM CELLULAR COMPONENTS OR PRODUCTS THEREOF FOR THE IN VIVO REGENERATION OF TISSUE CELLS**  
[54] **BIOMATERIAUX A BASE DE DERIVES D'ACIDE HYALURONIQUE SOUS FORME DE STRUCTURES TRIDIMENSIONNELLES DEPOURVUES DE COMPOSANTS CELLULAIRES OU DE PRODUITS DE CES DERNIERS POUR LA REGENERATION IN VIVO DE CELLULES TISSULAIRES**  
[72] DONA', MASSIMO, IT  
[72] CALLEGARO, LANFRANCO, IT  
[72] PAVESIO, ALESSANDRA, IT  
[71] FIDIA ADVANCED BIOPOLYMERS S.R.L., IT  
[85] 2000-11-20  
[86] 1999-05-25 (PCT/EP99/03604)  
[87] 1999-12-02 (WO99/61080)  
[30] IT (PD98A000131) 1998-05-27  
[30] IT (PD98A000299) 1998-12-21

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[13] A1  
[51] Int.Cl. 6H01J 49/42  
[25] EN  
[54] **MASS SPECTROMETRY WITH MULTIPOLE ION GUIDES**  
[54] **SPECTROMETRIE DE MASSE AVEC GUIDES D'IONS MULTIPOLAIRES**  
[72] GULCICEK, EROL E., US  
[72] ANDRIEN, BRUCE A. JR., US  
[72] WHITEHOUSE, CRAIG M., US  
[71] ANALYTICA OF BRANFORD, INC., US  
[85] 2000-11-20  
[86] 1999-05-29 (PCT/US99/12169)  
[87] 1999-12-02 (WO99/62101)  
[30] US (60/087,246) 1998-05-29  
[30] US (09/235,946) 1999-01-22

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[13] A1  
[51] **Int.Cl. 6C07C 237/42 6A61K 31/195 6C07C 237/22 6C07C 311/46**  
[25] EN  
[54] **ANTIANGIOGENIC DRUG TO TREAT CANCER, ARTHRITIS AND RETINOPATHY**  
[54] **MEDICAMENT ANTI-ANGIOGENIQUE POUR LE TRAITEMENT DU CANCER, DE L'ARTHRITE ET DE LA RETINOPATHIE**  
[72] KAWAI, MEGUMI, US  
[72] CRAIG, RICHARD A., US  
[72] HENKIN, JACK, US  
[72] SHEPPARD, GEORGE S., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-11-20  
[86] 1999-05-21 (PCT/US99/11309)  
[87] 1999-12-02 (WO99/61406)  
[30] US (09/084,063) 1998-05-22

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[13] A1  
[51] **Int.Cl. 7H05B 41/04 7H05B 41/02 7H01J 61/56 7H01R 33/945**  
[25] EN  
[54] **BASE OF AN ELECTRIC DISCHARGE LAMP WITH AN IGNITION DEVICE**  
[54] **CULOT DE LAMPE A DECHARGE MUNI D'UN DISPOSITIF D'AMORCAGE**  
[72] SCHINKINGER, GUNTER, DE  
[72] WITTIG, CHRISTIAN, DE  
[72] HELBIG, PETER, DE  
[72] FROSCHE, HARTMUT, DE  
[72] SAGBERGER, FRANZ, DE  
[72] WINKLER, JOHANN, DE  
[72] SIEGNER, MARKUS, DE  
[72] GAISBAUER, ERWIN, DE  
[72] HIRSCHMANN, GUNTHER, DE  
[72] DUSCHL, ANTON, DE  
[72] KARL, GERHARD, DE  
[71] VOGT ELECTRONIC AG, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUOHLAMPEN MBH, DE  
[85] 2000-11-20  
[86] 2000-03-23 (PCT/EP00/02608)  
[87] 2000-10-05 (WO00/59269)  
[30] DE (199 13 942.3) 1999-03-26

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[13] A1  
[51] **Int.Cl. 6C07D 211/30 6A61K 31/445 6C07D 211/94**  
[25] EN  
[54] **NOVEL 4-PHENYLPYPERIDINES FOR THE TREATMENT OF PRURITIC DERMATOSES**  
[54] **NOUVELLES 4-PHENYLPYPERIDINES DESTINEES AU TRAITEMENT DE DERMATOSES PRURIGINEUSES**  
[72] TOMMASINI, IVAN, GB  
[72] GETHIN, DAVID MORRIS, GB  
[72] DUTTON, CHRISTOPHER JAMES, GB  
[72] SMITH, JULIAN DUNCAN, GB  
[72] GIBSON, STEPHEN PAUL, GB  
[72] ARMER, RICHARD EDWARD, GB  
[71] PFIZER INC., US  
[85] 2000-11-17  
[86] 1999-05-17 (PCT/IB99/00886)  
[87] 1999-11-25 (WO99/59971)  
[30] GB (9810671.9) 1998-05-18

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[13] A1  
[51] **Int.Cl. 7B01D 33/03 7B07B 1/46**  
[25] EN  
[54] **FLAT SCREEN PANEL FOR CROWNED DECK VIBRATING SHAKER**  
[54] **PLATEAU DE CRIBLAGE POUR CRIBLE A SECOURSSE A PLATE-FORME EN COURONNE**  
[72] BALTZER, TERRY L., US  
[72] RIDDLE, RUSSELL ALLEN, US  
[71] SOUTHWESTERN WIRE CLOTH, INC., US  
[85] 2000-11-17  
[86] 1999-05-18 (PCT/US99/10928)  
[87] 2000-01-06 (WO00/00264)  
[30] US (09/108,019) 1998-06-29

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[13] A1  
[51] **Int.Cl. 6A61K 31/70 6C07H 21/00**  
[25] EN  
[54] **THERAPEUTIC DINUCLEOTIDE AND DERIVATIVES**  
[54] **DINUCLEOTIDES THERAPEUTIQUES ET LEURS DERIVES**  
[72] PENDERGAST, WILLIAM, US  
[72] BOUCHER, RICHARD C., US  
[72] YERXA, BENJAMIN R., US  
[72] RIDEOUT, JANET L., US  
[72] PICHER, MARYSE, US  
[72] STUTTS, MONROE JACKSON, US  
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US  
[71] INSPIRE PHARMACEUTICALS, INC., US  
[85] 2000-11-17  
[86] 1999-05-19 (PCT/US99/10948)  
[87] 1999-12-02 (WO99/61012)  
[30] US (60/086,543) 1998-05-22

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[13] A1  
[51] **Int.Cl. 6A61B 17/64**  
[25] EN  
[54] **CHEEK FOR A ONE-SIDED EXTERNAL FIXATION SYSTEM FOR TRAUMATOLOGY AND ORTHOPEDICS**  
[54] **MACHOIRE DESTINEE A UN SYSTEME DE FIXATION EXTERNE MONOLATERAL UTILISE EN TRAUMATOLOGIE ET EN ORTHOPEDIE**  
[72] CLAES, LUTZ, DE  
[72] MARTINELLI, ORLANDO, CH  
[72] INAUE, BEAT, CH  
[72] FLUHLER, ERWIN, CH  
[72] RUBSAAMEN, GOTZ, DE  
[72] GERNGROSS, HEINZ, DE  
[71] SYNTHES (U.S.A.), US  
[85] 2000-11-17  
[86] 1998-05-19 (PCT/CH98/00207)  
[87] 1999-11-25 (WO99/59490)

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[21] **2,332,543**  
[13] A1

[51] **Int.Cl. 7G06K 11/18**  
[25] EN  
[54] **OPTICAL COUPLING ASSEMBLY FOR IMAGE SENSING OPERATOR INPUT DEVICE**  
[54] **ENSEMBLE COUPLAGE OPTIQUE POUR DISPOSITIF OPERATEUR D'ENTREE POUR LA PRISE D'IMAGE**  
[72] VENKAT, SURESH, US  
[72] CASEBOLT, MARK W., US  
[72] ADAN, MANOLITO E., US  
[72] VON FUCHS, ERIK G., US  
[71] MICROSOFT CORPORATION, US  
[85] 2000-11-17  
[86] 2000-03-16 (PCT/US00/07052)  
[87] 2000-09-28 (WO00/57352)  
[30] US (09/273,899) 1999-03-22

[21] **2,332,545**  
[13] A1

[51] **Int.Cl. 6A61K 9/16**  
[25] EN  
[54] **NOVEL PARTICULATE FORMULATIONS**  
[54] **FORMULATIONS DE NOUVELLES PARTICULES**  
[72] PERKINS, WALTER, US  
[72] AHMAD, IMRAN, US  
[72] ALI, SHAUKAT, US  
[72] MAYHEW, ERIC, US  
[72] HIRSCH, DONALD, US  
[72] LI, XINGONG, US  
[72] JANOFF, ANDREW, US  
[71] THE LIPOSOME COMPANY, INC., US  
[85] 2000-11-17  
[86] 1999-05-19 (PCT/US99/10975)  
[87] 1999-11-25 (WO99/59550)  
[30] US (60/086,108) 1998-05-20

[21] **2,332,546**  
[13] A1

[51] **Int.Cl. 6H04N 7/26 6H04N 1/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SELECTIVE BLOCK PROCESSING**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE BLOC SELECTIF**  
[72] KUROWSKI, KORDIAN, US  
[71] MACROVISION CORPORATION, US  
[85] 2000-11-17  
[86] 1999-02-17 (PCT/US99/03340)  
[87] 1999-11-25 (WO99/60792)  
[30] US (60/086,066) 1998-05-20

[21] **2,332,551**  
[13] A1

[51] **Int.Cl. 6A61M 25/01 6A61M 25/00**  
[25] EN  
[54] **GUIDEWIRE AND CATHETER LOCKING DEVICE AND METHOD**  
[54] **DISPOSITIF DE BLOCAJE DE GUIDE METALLIQUE ET DE CATHETER, AINSI QUE SON PROCEDE D'UTILISATION**  
[72] HOLMES, JOHN, US  
[72] MCALISTER, GARY, US  
[72] YEARICK, JIM, US  
[72] WINDHEUSER, JIM, US  
[72] CARRILLO, OSCAR, US  
[72] NORTON, PAUL, US  
[71] BOSTON SCIENTIFIC CORPORATION, US  
[85] 2000-11-17  
[86] 1999-02-23 (PCT/US99/04208)  
[87] 1999-11-25 (WO99/59664)  
[30] US (09/080,520) 1998-05-18

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[13] A1

[51] **Int.Cl. 6G01J 3/50 6B07C 5/342**  
[25] EN  
[54] **METHOD OF DETECTING COLOURS**  
[54] **PROCEDE DE DETECTION DES COULEURS**  
[72] READ, CHRISTOPHER LEWIS, GB  
[72] BONE, MARTIN BERTRAM, GB  
[72] PEARCE, HENRY COLIN, GB  
[71] ACTIVE SILICON LIMITED, GB  
[85] 2000-11-17  
[86] 1999-03-29 (PCT/GB99/00980)  
[87] 1999-11-25 (WO99/60353)  
[30] GB (9810771.7) 1998-05-19

[21] **2,332,556**  
[13] A1

[51] **Int.Cl. 6H01J 1/30 6H01L 29/76**  
[25] EN  
[54] **PLANAR ELECTRON EMITTER (PEE)**  
[54] **EMETTEUR D'ELECTRONS PLAN**  
[72] VISCOR, PETR, DK  
[72] KOLARIK, VLADIMIR, CZ  
[72] DELONG, ARMIN, CZ  
[72] NIELSEN, NIELS OLE, DK  
[71] VISCOR, PETR, DK  
[71] KOLARIK, VLADIMIR, CZ  
[71] DELONG, ARMIN, CZ  
[71] NIELSEN, NIELS OLE, DK  
[85] 2000-11-17  
[86] 1999-06-11 (PCT/DK99/00323)  
[87] 1999-12-16 (WO99/65050)  
[30] US (60/088,978) 1998-06-11

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[13] A1

[51] **Int.Cl. 6A61B 17/64**  
[25] EN  
[54] **CONNECTING ELEMENT FOR A MONOLATERAL EXTERNAL FIXATION SYSTEM FOR TRAUMATOLOGY AND ORTHOPAEDICS**  
[54] **ELEMENT DE LIAISON POUR SYSTEME DE FIXATION EXTERNE MONOLATERAL DE TRAUMATOLOGIE ET D'ORTHOPEDE**  
[72] FLUHLER, ERWIN, CH  
[72] RUBSAAMEN, GOTZ, DE  
[72] CLAES, LUTZ, DE  
[72] GERNGROSS, HEINZ, DE  
[72] MARTINELLI, ORLANDO, CH  
[72] INAUEN, BEAT, CH  
[71] SYNTHES (U.S.A.), US  
[85] 2000-11-17  
[86] 1998-05-19 (PCT/CH98/00206)  
[87] 1999-11-25 (WO99/59489)

[21] **2,332,558**  
[13] A1

[51] **Int.Cl. 6C09J 151/06 6C08K 5/16 6C08L 23/16**  
[25] EN  
[54] **METHOD OF MAKING WASHABLE, DRYABLE ELASTIC ARTICLES**  
[54] **PROCEDE DE FABRICATION D'ARTICLES ELASTIQUES LAVABLES ET SECHABLES**  
[72] HO, THOI H., US  
[72] MAUGANS, REXFORD A., US  
[72] KNICKERBOCKER, EDWARD N., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-11-17  
[86] 1999-05-27 (PCT/US99/11745)  
[87] 1999-12-09 (WO99/63021)  
[30] US (60/087,536) 1998-06-01

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[21] **2,332,560**  
[13] A1  
[51] **Int.Cl. 7C07C 229/00 7C07C 233/00 7C12Q 1/28 7G01N 33/53**  
[25] EN  
[54] **A METHOD OF PERMANENT FLUORESCENT ASSAY**  
[54] **PROCEDE PERMETTANT D'EFFECTUER UN DOSAGE FLUORESCENT PERMANENT**  
[72] ROTH, KEVIN AARON, US  
[72] BOBROW, MARK NORMAN, US  
[71] NEN LIFE SCIENCE PRODUCTS, INC., US  
[85] 2000-11-17  
[86] 2000-03-17 (PCT/US00/07030)  
[87] 2000-09-21 (WO00/55115)  
[30] US (60/124,825) 1999-03-17  
[30] US (09/526,414) 2000-03-16

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[21] **2,332,562**  
[13] A1  
[51] **Int.Cl. 6B65D 75/58**  
[25] EN  
[54] **A DISPOSABLE LIQUID CONTAINING AND DISPENSING PACKAGE AND METHOD FOR ITS MANUFACTURE**  
[54] **EMBALLAGE JETABLE DESTINE A CONTENIR ET A DISTRIBUER UN LIQUIDE ET SON PROCEDE DE PRODUCTION**  
[72] FRAZIER, STEVEN G., US  
[72] COO, MICHAEL, CA  
[72] GOSLING, STEVEN, CA  
[72] HMUN, HSAR, US  
[71] THE COCA-COLA COMPANY, US  
[85] 2000-11-17  
[86] 1999-05-10 (PCT/US99/10254)  
[87] 1999-12-09 (WO99/62788)  
[30] US (09/089,151) 1998-06-02

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[21] **2,332,566**  
[13] A1  
[51] **Int.Cl. 6H04M 11/08 6H04M 1/00 6G07F 7/08**  
[25] EN  
[54] **TELEPHONE APPARATUS WITH MESSAGE DISPLAY**  
[54] **DISPOSITIF TELEPHONIQUE AVEC AFFICHAGE DES MESSAGES**  
[72] DE BEER, LEON, GB  
[71] PATHFINDER TECHNICAL RESOURCES LIMITED, GB  
[85] 2000-11-16  
[86] 1999-05-18 (PCT/GB99/01578)  
[87] 1999-11-25 (WO99/60762)  
[30] GB (9810989.5) 1998-05-21

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[21] **2,332,569**  
[13] A1  
[51] **Int.Cl. 6A01G 9/00 6E01C 9/00**  
[25] EN  
[54] **WATER FLOW CONTROL SYSTEM**  
[54] **TURBOMACHINE**  
[72] PRATT, CHRISTOPHER JOHN, GB  
[71] COVENTRY UNIVERSITY, GB  
[85] 2000-11-16  
[86] 1999-05-17 (PCT/GB99/01555)  
[87] 1999-11-25 (WO99/59397)  
[30] GB (9810444.1) 1998-05-16

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[21] **2,332,572**  
[13] A1  
[51] **Int.Cl. 6G08G 1/127 6G08B 25/10**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR COMMUNICATING WITH PLURAL REMOTE TRANSMITTERS**  
[54] **SYSTEME ET PROCEDE POUR COMMUNIQUER AVEC PLUSIEURS EMETTEURS A DISTANCE**  
[72] OTTO, JAMES C., US  
[71] HARRIS CORPORATION, US  
[85] 2000-11-16  
[86] 1998-06-04 (PCT/US98/11472)  
[87] 1999-12-09 (WO99/63500)

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[21] **2,332,575**  
[13] A1  
[51] **Int.Cl. 6G01S 5/06 6G01S 1/04**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR GEOLOCATING PLURAL REMOTE TRANSMITTERS**  
[54] **SYSTEME ET PROCEDE POUR LA GEOLOCALISATION DE PLUSIEURS DISPOSITIFS DE TELETRANSMISSION**  
[72] OTTO, JAMES C., US  
[71] HARRIS CORPORATION, US  
[85] 2000-11-16  
[86] 1998-06-04 (PCT/US98/11474)  
[87] 1999-12-09 (WO99/63359)

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[21] **2,332,579**  
[13] A1  
[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **A METHOD FOR COMPARATIVE VISUAL RENDERING OF DATA**  
[54] **PROCEDE PERMETTANT D'ASSURER UN RENDU VISUEL COMPARATIF DE DONNEES**  
[72] MERIAZ, YORAM, IL  
[72] MEGIDDO, ERAN, IL  
[71] MAXIMAL INNOVATIVE INTELLIGENCE LTD., IL  
[85] 2000-11-16  
[86] 1999-05-17 (PCT/IL99/00261)  
[87] 1999-11-25 (WO99/60491)  
[30] US (60/085,781) 1998-05-18

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[21] **2,332,576**  
[13] A1  
[51] **Int.Cl. 6G01S 5/00 6G01S 5/14**  
[25] EN  
[54] **A REMOTE MOBILE MONITORING AND COMMUNICATION SYSTEM**  
[54] **SYSTEME POUR COMMUNIQUER AVEC DES OBJETS MOBILES ELOIGNES ET LES CONTROLER**  
[72] OTTO, JAMES C., US  
[71] HARRIS CORPORATION, US  
[85] 2000-11-16  
[86] 1998-06-04 (PCT/US98/11473)  
[87] 1999-12-09 (WO99/63357)

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[21] **2,332,578**  
[13] A1  
[51] **Int.Cl. 6G08G 1/127 6G08B 25/10**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR COMMUNICATING AND/OR GEOLOCATING PLURAL REMOTE TRANSMITTERS USING A TIME INVARIANT MATCHED FILTER**  
[54] **SYSTEME ET PROCEDE DE COMMUNICATION ENTRE PLUSIEURS DISPOSITIFS DE TELETRANSMISSION ET/OU DE GEOLOCALISATION DE CES DERNIERS AU MOYEN D'UN FILTRE ADAPTE NE VARIANT PAS DANS LE TEMPS**  
[72] OTTO, JAMES C., US  
[71] HARRIS CORPORATION, US  
[85] 2000-11-16  
[86] 1998-06-04 (PCT/US98/11475)  
[87] 1999-12-09 (WO99/63501)

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[21] **2,332,579**  
[13] A1  
[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **A METHOD FOR COMPARATIVE VISUAL RENDERING OF DATA**  
[54] **PROCEDE PERMETTANT D'ASSURER UN RENDU VISUEL COMPARATIF DE DONNEES**  
[72] MERIAZ, YORAM, IL  
[72] MEGIDDO, ERAN, IL  
[71] MAXIMAL INNOVATIVE INTELLIGENCE LTD., IL  
[85] 2000-11-16  
[86] 1999-05-17 (PCT/IL99/00261)  
[87] 1999-11-25 (WO99/60491)  
[30] US (60/085,781) 1998-05-18

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<p style="text-align: right;">[21] <b>2,332,580</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 19/00 6A61L 2/00</b> [25] EN [54] <b>CONFINED AIR TUBE AND METHODS FOR HANDLING AIR IN CLOSED BLOOD PROCESSING SYSTEMS</b> [54] <b>TUBE D'AIR CONFINE ET TECHNIQUES D'ACHEMINEMENT DE L'AIR DANS DES SYSTEMES CLOS DE TRAITEMENT DU SANG</b> [72] PAYRAT, JEAN-MARC, BE [72] MATHIAS, JEAN-MARIE, BE [72] CONEYS, THOMAS, FR [72] VAN HEEMS, PHILIPPE, FR [71] BAXTER INTERNATIONAL INC., US [85] 2000-11-16 [86] 1999-05-12 (PCT/US99/10535) [87] 1999-11-25 (WO99/59493) [30] US (09/082,946) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,332,607</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61J 1/06 7A61M 5/00</b> [25] FR [54] <b>AMPOULE POUR LE CONDITIONNEMENT D'UN LIQUIDE A USAGE MEDICAL</b> [54] <b>AMPOULE CONTAINING A LIQUID FOR MEDICAL PURPOSES</b> [72] FREZZA, PIERRE, FR [71] FREZZA, PIERRE, FR [85] 2000-11-14 [86] 2000-03-17 (PCT/FR00/00670) [87] 2000-10-05 (WO00/57834) [30] FR (99/03901) 1999-03-25</p>	<p style="text-align: right;">[21] <b>2,332,617</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/78</b> [25] FR [54] <b>UTILISATION D'ARABINOXYLANES POUR LA PREPARATION D'UNE COMPOSITION</b> [54] <b>USE OF ARABINOXYLANS FOR PREPARING A COMPOSITION</b> [72] GUY, CHRISTINE, FR [72] DESPRE, DENIS, FR [72] MESSENGER, ARNAUD, FR [71] ULICE (S.A.), FR [85] 2000-11-14 [86] 1999-05-12 (PCT/FR99/01146) [87] 1999-12-02 (WO99/61036) [30] FR (98/06469) 1998-05-22</p>
<p style="text-align: right;">[21] <b>2,332,605</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04B 17/04 6G01F 1/075</b> [25] FR [54] <b>MOTOPOMPE A ECOULEMENT AXIAL TRAVERSANT AVEC DEBITMETRE INCORPORE ET PRESSOSTAT</b> [54] <b>MOTOR PUMP WITH AXIAL THROUGH FLOW COMPRISING AN INCORPORATED FLOWMETER AND PRESSURE CONTROLLER</b> [72] VERSINI, ROLLAND, FR [71] VERSINI, ROLLAND, FR [85] 2000-11-14 [86] 1999-05-14 (PCT/FR99/01158) [87] 1999-11-25 (WO99/60270) [30] FR (98/06431) 1998-05-15 [30] FR (98/10989) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,332,613</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 253/30 6C07C 209/48</b> [25] FR [54] <b>PROCEDE DE PREPARATION D'AMINONITRILE ET DE DIAMINE</b> [54] <b>METHOD FOR PREPARING AMINONITRILE AND DIAMINE</b> [72] LECONTE, PHILIPPE, FR [71] RHODIA FIBER AND RESIN INTERMEDIATES, FR [85] 2000-11-14 [86] 1999-05-11 (PCT/FR99/01127) [87] 1999-11-25 (WO99/59962) [30] FR (98/06426) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,332,635</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09F 23/00</b> [25] FR [54] <b>PROCEDE POUR DIFFUSER UN MESSAGE ET SOURIS D'ORDINATEUR</b> [54] <b>METHOD FOR COMMUNICATING A MESSAGE AND COMPUTER MOUSE</b> [72] LEGENDRE, PHILIPPE, FR [72] KHALIL, BRAHIM, FR [71] LEGENDRE, PHILIPPE, FR [85] 2000-11-14 [86] 1999-05-11 (PCT/FR99/01113) [87] 1999-11-18 (WO99/59124) [30] FR (98/06003) 1998-05-13</p>
<p style="text-align: right;">[21] <b>2,332,606</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 9/09 6B01F 17/00 6C10M 137/02 6C10M 173/02 6C10M 137/08 6C10M 137/10 6C11D 1/34</b> [25] FR [54] <b>COMPOSITIONS D'ORTHOPHOSPHATES SOUFRES, LEUR PREPARATION ET LEUR UTILISATION</b> [54] <b>SULPHUR ORTHOPHOSPHATE COMPOSITIONS, PREPARATION AND USE</b> [72] JOYE, JEAN-LUC, FR [71] RHODIA CHIMIE, FR [85] 2000-11-14 [86] 1998-05-15 (PCT/FR98/00974) [87] 1999-11-25 (WO99/60002)</p>	<p style="text-align: right;">[21] <b>2,332,616</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/48 6A61K 35/08</b> [25] FR [54] <b>COMPOSITIONS PHARMACEUTIQUES ET/OU COSMETIQUES CONTENANT DE L'EAU DE MER</b> [54] <b>PHARMACEUTICAL AND/OR COSMETIC COMPOSITIONS CONTAINING SEA WATER</b> [72] JOLY, FRANCINE, FR [72] BEAUVAIS, FRANCIS, FR [71] SEPHRA S.A.R.L., FR [85] 2000-11-14 [86] 1999-05-12 (PCT/IB99/00862) [87] 1999-11-18 (WO99/58095) [30] FR (98/06119) 1998-05-14</p>	



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[21] **2,332,637**  
[13] A1

[51] **Int.Cl. 6C04B 28/02 6C04B 40/00 6C04B 14/06 6C04B 16/06 6C04B 18/08 6C04B 20/10 6C04B 18/14 6C04B 14/20 6C04B 14/38**

[25] FR  
[54] **BETON COMPORTANT DES FIBRES ORGANIQUES DISPERSEES DANS UNE MATRICE CIMENTAIRE, MATRICE CIMENTAIRE DU BETON ET PREMELANGES**

[54] **CONCRETE COMPRISING ORGANIC FIBRES DISPERSED IN A CEMENT MATRIX, CONCRETE CEMENT MATRIX AND PREMIXES**

[72] BOIVIN, SANDRA, FR  
[72] ORANGE, GILLES, FR  
[72] FROUIN, LAURENT, FR  
[72] DUGAT, JEROME, FR  
[72] CHEYREZY, MARCEL, FR  
[71] LAFARGE, FR  
[71] RHODIA CHIMIE, FR  
[71] BOUYGUES, FR  
[85] 2000-11-14  
[86] 1999-05-12 (PCT/FR99/01145)  
[87] 1999-11-18 (WO99/58468)  
[30] FR (98/06092) 1998-05-14

[21] **2,332,639**  
[13] A1

[51] **Int.Cl. 6C12N 15/86 6C12N 5/10**  
[25] FR  
[54] **METHODES ET COMPOSITIONS POUR LA PRODUCTION DE PARTICULES VIRALES**

[54] **METHODS AND COMPOSITIONS FOR PRODUCING VIRAL PARTICLES**

[72] PERRICAUDET, MICHEL, FR  
[72] TORRENT, CHRISTOPHE, FR  
[72] YEH, PATRICE, FR  
[72] SALZMANN, JEAN-LOUP, FR  
[72] KLATZMANN, DAVID, FR  
[71] AVENTIS PHARMA S.A., FR  
[71] GENOPOIETIC, FR  
[85] 2000-11-16  
[86] 1999-05-18 (PCT/FR99/01184)  
[87] 1999-11-25 (WO99/60144)  
[30] FR (98/06258) 1998-05-18

[21] **2,332,640**  
[13] A1

[51] **Int.Cl. 6B65B 9/14**

[25] FR  
[54] **DISPOSITIF DE POSE DE MANCHONS SUR DES OBJETS EN DEFILEMENT**

[54] **DEVICE FOR SETTING SLEEVES ON OBJECTS MOVING PAST**

[72] FRESNEL, ERIC, FR  
[71] SLEEVE INTERNATIONAL COMPANY, FR

[85] 2000-11-17  
[86] 1999-05-12 (PCT/FR99/01135)  
[87] 1999-11-25 (WO99/59871)  
[30] FR (98/06399) 1998-05-20

[21] **2,332,722**  
[13] A1

[51] **Int.Cl. 7C12N 15/53 7A01H 5/00 7A01N 63/02 7A23K 1/165 7C12Q 1/26 7C12N 15/82**

[25] EN  
[54] **AMINO POLYOL AMINE OXIDASE POLYNUCLEOTIDES AND RELATED POLYPEPTIDES AND METHODS OF USE**

[54] **POLYNUCLEOTIDES D'AMINOPOLYOLAMINEOXYDASE, POLYPEPTIDES ASSOCIES, ET LEUR MODES D'UTILISATION**

[72] CRASTA, OSWALD R., US  
[72] GILLIAM, JACOB T., US  
[72] MADDOX, JOYCE R., US  
[72] FOLKERTS, OTTO, US  
[72] DUVICK, JON, US  
[71] CURAGEN CORPORATION, US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2001-01-12  
[86] 1999-07-08 (PCT/US99/15455)  
[87] 2000-01-27 (WO00/04160)  
[30] US (60/092,936) 1998-07-15

[21] **2,332,764**  
[13] A1

[51] **Int.Cl. 6C08F 8/00 6C08F 283/00 6C08G 77/00 6C08J 3/00 6C08L 83/00 6C08L 71/02 6C08G 77/04 6C08G 77/06 6C08F 283/12 6C08G 77/12 6C08G 77/20 6C08K 3/20 6C08K 5/24 6C08G 77/26 6C08G 65/32 6C08G 77/38 6C08K 5/54 6C08K 5/56**

[25] EN  
[54] **COATING FOR GLASS SUBSTRATE FOR ANTI-REFLECTIVE PROPERTIES WITH ABRASION, CHEMICAL AND UV RESISTANCE**  
[54] **REVETEMENT POUR SUBSTRAT EN VERRE AUX PROPRIETES ANTIREFLET PRESENTANT UNE RESISTANCE A L'ABRASION, AUX PRODUITS CHIMIQUES ET AUX U.V.**

[72] SANDUJA, MOHAN L., US  
[72] THOTTATHIL, PAUL, US  
[72] HOROWITZ, CARL, US  
[72] THOMAS, ABRAHAM, US  
[71] AFG INDUSTRIES, INC., US  
[85] 2000-11-14  
[86] 1999-05-12 (PCT/US99/07035)  
[87] 1999-11-25 (WO99/60034)  
[30] US (09/079,148) 1998-05-15

[21] **2,332,765**  
[13] A1

[51] **Int.Cl. 6C07C 51/14**

[25] EN  
[54] **METHOD OF PREPARING ALKYL CARBOXYLIC ACIDS BY CARBOXYLATION OF LOWER ALKANES METHANE**

[54] **PROCEDE DE PREPARATION D'ACIDES CARBOXYLIQUES D'ALKYLE PAR CARBOXYLATION DE METHANE D'ALCANES INFERIEURS**

[72] SPIVEY, JAMES J., US  
[72] GOGATE, MAKARAND R., US  
[71] RESEARCH TRIANGLE INSTITUTE, US  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10709)  
[87] 1999-11-25 (WO99/59952)  
[30] US (60/085,632) 1998-05-15

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[21] **2,332,766**  
[13] A1  
[51] **Int.Cl. 6C07D 209/12 6C07D 209/16**  
[25] EN  
[54] **METHOD FOR MAKING SUBSTITUTED INDOLES**  
[54] **ELABORATION D'INDOLES SUBSTITUES**  
[72] SANT, MILIND P., US  
[72] HAIDER, REEM, US  
[72] STEVENSON, ROBERT, US  
[72] HILMY, AHMED, US  
[72] AL-FARHAM, EMILE, US  
[71] PHARM-ECOLABORATORIES, INC., US  
[85] 2000-11-14  
[86] 1999-05-12 (PCT/US99/10415)  
[87] 1999-11-25 (WO99/59970)  
[30] US (60/085,639) 1998-05-15

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[21] **2,332,768**  
[13] A1  
[51] **Int.Cl. 7C08G 18/10 7C08L 75/04 7H01B 1/06 7H01M 10/40**  
[25] EN  
[54] **POLYMER COMPOUND, BINDER RESIN, COMPOSITION FOR ION-CONDUCTIVE POLYMER ELECTROLYTE, AND SECONDARY CELL**  
[54] **COMPOSE POLYMERES, RESINE LIANTE, COMPOSITION POUR ELECTROLYTE POLYMERE CONDUCTEUR D'IONS, ET CELLULE SECONDAIRE**  
[72] HATA, KIMIYO, JP  
[72] SATO, TAKAYA, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[85] 2000-11-20  
[86] 2000-03-22 (PCT/JP00/01731)  
[87] 2000-09-28 (WO00/56797)  
[30] JP (11/78085) 1999-03-23

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[21] **2,332,769**  
[13] A1  
[51] **Int.Cl. 6H04Q 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INTRODUCING AND MODIFYING TELECOMMUNICATIONS SERVICES**  
[54] **PROCEDE ET APPAREIL DESTINES A INTRODUIRE ET A MODIFIER DES SERVICES DE TELECOMMUNICATION**  
[72] CAMERON, DUNCAN, GB  
[72] BELANGER, PHILIPPE, CA  
[72] AURELL, TOMAS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-20  
[86] 1999-05-18 (PCT/SE99/00848)  
[87] 1999-12-02 (WO99/62273)  
[30] US (09/083,508) 1998-05-22

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[21] **2,332,771**  
[13] A1  
[51] **Int.Cl. 6A61K 31/63 6A61K 31/135 6A61K 31/15**  
[25] EN  
[54] **IONOPHORE CONTAINING COMPOSITION FOR MODULATING AMYLOIDOSIS**  
[54] **COMPOSITION CONTENANT DES IONOPHORES DESTINEE A LA MODULATION D'UNE AMYLOIDOSE**  
[72] REINER, PETER B., CA  
[72] CONNOP, BRUCE P., CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10681)  
[87] 1999-11-25 (WO99/59597)  
[30] US (09/080,141) 1998-05-15

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[21] **2,332,772**  
[13] A1  
[51] **Int.Cl. 6C07K 5/11 6C07K 5/065**  
[25] EN  
[54] **ANTIANGIOGENIC DRUG TO TREAT CANCER, ARTHRITIS AND RETINOPATHY**  
[54] **MEDICAMENT ANTI-ANGIOGENIQUE POUR LE TRAITEMENT DU CANCER, DE L'ARTHRITE ET DE LA RETINOPATHIE**  
[72] KAWAI, MEGUMI, US  
[72] HENKIN, JACK, US  
[72] SHEPPARD, GEORGE S., US  
[72] CRAIG, RICHARD A., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-11-20  
[86] 1999-05-21 (PCT/US99/11308)  
[87] 1999-12-02 (WO99/61466)  
[30] US (09/083,550) 1998-05-22

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[21] **2,332,773**  
[13] A1  
[51] **Int.Cl. 6G01N 35/00 6G06F 17/60**  
[25] EN  
[54] **METHOD AND APPARATUS FOR BACKGROUND SURVEILLANCE AND DETECTION OF UNSUSPECTED ABERRANT CLINICAL INFORMATION**  
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE ET DE DETECTION GENERALES D'INFORMATIONS CLINIQUES ABERRANTES INSOUPECONNEES**  
[72] KELLETT, STEPHEN E., US  
[71] BAYER CORPORATION, US  
[85] 2000-11-14  
[86] 1999-05-19 (PCT/IB99/00900)  
[87] 1999-11-25 (WO99/60410)  
[30] US (09/082,598) 1998-05-21

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[21] **2,332,775**  
[13] A1  
[51] **Int.Cl. 7G01N 27/447**  
[25] EN  
[54] **ELECTROPHORESIS APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE D'ELECTROPHORESE**  
[72] RAYSBERG, YEFIM M., US  
[72] WIKTOROWICZ, JOHN E., US  
[71] LYNX THERAPEUTICS, INC., US  
[85] 2000-11-14  
[86] 1999-05-21 (PCT/US99/11275)  
[87] 1999-12-02 (WO99/61901)  
[30] US (09/084,041) 1998-05-22

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,332,778</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/30</b> [25] EN [54] <b>UPLINKING DOWNSAMPLED SIGNALS FROM CELLULAR BASE STATIONS TO A CELLULAR EXCHANGE</b> [54] <b>TRANSMISSION MONTANTE DE SIGNAUX SOUS-ECHANTILLONNES DEPUIS DES STATIONS DE BASE CELLULAIRES VERS UN CENTRAL DE TRANSMISSION CELLULAIRE</b> [72] BEXTEN, RONALD L., US [72] BACKSTROM, OLOF TOMAS, US [71] ERICSSON INC., US [85] 2000-11-14 [86] 1999-05-14 (PCT/US99/10783) [87] 1999-12-09 (WO99/63775) [30] US (09/087,528) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,332,784</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E06B 3/54</b> [25] EN [54] <b>DEVICE FOR FIXING A GLASS PANEL TO A SUPPORT AT THE SIDE OF A BUILDING</b> [54] <b>DISPOSITIF DE FIXATION D'UNE PLAQUE DE VERRE SUR UN SUPPORT PLACE DU COTE D'UN BATIMENT</b> [72] LEITGEB, PETER, AT [72] ELMER, HUBERT, AT [71] DORMA GMBH + CO. KG, DE [85] 2000-11-20 [86] 2000-01-03 (PCT/EP00/00004) [87] 2000-10-12 (WO00/60207) [30] DE (199 15 193.8) 1999-04-06</p>	<p style="text-align: right;">[21] <b>2,332,787</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/30</b> [25] EN [54] <b>COMBINING SERVICES IN AN INTERNET-TYPE NETWORK</b> [54] <b>SERVICES COMBINES DANS UN RESEAU DE TYPE INTERNET</b> [72] MIETTINEN, JORMA, FI [72] MAKILA, RAIMO, FI [72] NIEMINEN, JAAKKO, FI [72] TURPEINEN, MARKO, FI [72] MAUNO, JUKKA, FI [72] SAARI, TIMO, FI [71] ALMA MEDIA OYJ, FI [85] 2000-11-20 [86] 1999-05-27 (PCT/FI99/00462) [87] 1999-12-09 (WO99/63416) [30] FI (981214) 1998-05-29</p>
<p style="text-align: right;">[21] <b>2,332,782</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23K 37/053</b> [25] EN [54] <b>INTERNAL PIPE CLAMP</b> [54] <b>BRIDE DE SERRAGE INTERIEURE</b> [72] PARKER, WILLIAM D., US [71] SABRE INTERNATIONAL, INC., US [85] 2000-11-14 [86] 1999-05-17 (PCT/US99/10804) [87] 1999-11-25 (WO99/59770) [30] US (09/079,923) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,332,785</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E06B 3/54 7B32B 17/10</b> [25] EN [54] <b>FITTING FOR HOLDING SAFETY GLASS PANES</b> [54] <b>ARMATURE DE MAINTIEN DE VITRES DE SECURITE</b> [72] BLOBAUM, ERNST UDO, DE [72] JANUTTA, REINHARD, DE [71] DORMA GMBH + CO. KG, DE [85] 2000-11-20 [86] 2000-04-05 (PCT/EP00/03000) [87] 2000-10-12 (WO00/60206) [30] DE (199 15 478.3) 1999-04-07</p>	<p style="text-align: right;">[21] <b>2,332,789</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 31/24 7H01B 5/14</b> [25] EN [54] <b>FLEXIBLE LAMINATE FOR FLEXIBLE CIRCUIT</b> [54] <b>STRATIFIE SOUPLE POUR CIRCUIT SOUPLE</b> [72] CENTANNI, MICHAEL, US [72] KUSNER, MARK, US [71] GA-TEK INC. (dba GOULD ELECTRONICS INC.), US [85] 2000-11-20 [86] 1999-12-20 (PCT/US99/30487) [87] 2000-09-21 (WO00/54969) [30] US (09/266,952) 1999-03-12</p>
<p style="text-align: right;">[21] <b>2,332,783</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b> [25] EN [54] <b>METHOD AND APPARATUS FOR SELLING AN AGING FOOD PRODUCT AS A SUBSTITUTE FOR AN ORDERED PRODUCT</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT DE VENDRE UNE DENREE ALIMENTAIRE VIEILLISSANT COMME PRODUIT DE REMPLACEMENT D'UN ALIMENT COMMANDE</b> [72] WALKER, JAY S., US [72] ROGERS, JOSHUA D., US [72] VAN LUCHENE, ANDREW S., US [71] WALKER DIGITAL L.L.C., US [85] 2000-11-20 [86] 1998-09-21 (PCT/US98/19644) [87] 1999-12-02 (WO99/62014) [30] US (09/083,483) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,332,786</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/574 6C07K 16/00 6C12N 7/00 6A61K 39/21 6A61K 39/29 6A61K 39/395 6A61K 39/42 6G01N 33/53</b> [25] EN [54] <b>IDENTIFICATION OF BROADLY REACTIVE DR RESTRICTED EPITOPES</b> [54] <b>IDENTIFICATION D'EPITOPES DR DE RESTRICTION LARGEMENT REACTIFS</b> [72] SETTE, ALESSANDRO, US [72] SIDNEY, JOHN, US [72] SOUTHWOOD, SCOTT, US [71] EPIMMUNE INC., US [85] 2000-11-20 [86] 1999-05-28 (PCT/US99/12066) [87] 1999-12-02 (WO99/61916) [30] US (60/087,192) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,332,790</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/22 6A61K 9/26</b> [25] EN [54] <b>CONTROLLED RELEASE LIPOIC ACID</b> [54] <b>ACIDE LIPOIQUE A LIBERATION LENTE</b> [72] JANJIKHEL, RAJIV, US [72] BYRD, EDWARD A., US [71] MEDICAL RESEARCH INSTITUTE, US [85] 2000-11-20 [86] 1999-05-19 (PCT/US99/11178) [87] 1999-12-02 (WO99/61004) [30] US (60/087,203) 1998-05-28 [30] US (09/112,623) 1998-07-09 [30] US (60/102,605) 1998-10-01 [30] US (09/288,245) 1999-04-08</p>

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[21] **2,332,791**  
[13] A1

[51] **Int.Cl. 6A63B 69/36**  
[25] EN  
[54] **GOLF SWING TRAINING SYSTEM**  
[54] **SYSTEME D'ENTRAINEMENT DE SWING DE GOLF**  
[72] LAFFER, MICHAEL R., US  
[72] PARKINSON, TREVOR C., US  
[72] BROWN, TREVOR, US  
[71] INSTRUCTIONAL GOLF INNOVATIONS, L.L.C., US  
[85] 2000-11-20  
[86] 1999-06-11 (PCT/US99/12946)  
[87] 1999-12-16 (WO99/64119)  
[30] US (09/096,897) 1998-06-12

[21] **2,332,792**  
[13] A1

[51] **Int.Cl. 6A46D 3/08**  
[25] EN  
[54] **TOOTHBRUSH MANUFACTURING HANDLING DEVICE**  
[54] **DISPOSITIF DE MANIPULATION PENDANT LE PROCESSUS DE FABRICATION DES BROSSES A DENTS**  
[72] SORRENTINO, ALAN V., US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2000-11-20  
[86] 1999-05-18 (PCT/US99/10898)  
[87] 1999-11-25 (WO99/59445)  
[30] US (09/083,014) 1998-05-21

[21] **2,332,793**  
[13] A1

[51] **Int.Cl. 6G06K 9/00**  
[25] EN  
[54] **SYSTEM, METHOD, AND PRODUCT FOR INFORMATION EMBEDDING USING AN ENSEMBLE OF NON-INTERSECTING EMBEDDING GENERATORS**  
[54] **SYSTEME, PROCEDE ET PRODUIT PERMETTANT D'INTEGRER DES INFORMATIONS AU MOYEN D'UN ENSEMBLE DE GENERATEURS D'INTEGRATION SANS INTERSECTION**  
[72] CHEN, BRIAN, US  
[72] WORNELL, GREGORY W., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2000-11-20  
[86] 1999-03-18 (PCT/US99/05911)  
[87] 1999-11-25 (WO99/60514)  
[30] US (09/082,632) 1998-05-21  
[30] US (09/206,806) 1998-12-07

[21] **2,332,794**  
[13] A1

[51] **Int.Cl. 6G08B 23/00 6G08B 21/00 6A61F 13/00**  
[25] EN  
[54] **COMPLIANCE MONITORING SYSTEM**  
[54] **SYSTEME DE SURVEILLANCE DE L'OBSERVATION DES INSTRUCTIONS DONNEES**  
[72] BOWEN, ROBIN E., US  
[72] PETERSON, DAVID W., US  
[72] SCHROEDER, ROBERT W., US  
[72] BUECHE, KENNETH M., US  
[71] BOWEN, ROBIN E., US  
[71] PETERSON, DAVID W., US  
[71] SCHROEDER, ROBERT W., US  
[71] BUECHE, KENNETH M., US  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10766)  
[87] 1999-11-18 (WO99/59041)  
[30] US (09/078,835) 1998-05-14

[21] **2,332,796**  
[13] A1

[51] **Int.Cl. 6C12Q 1/48 6C12M 1/34**  
[25] EN  
[54] **A SCINTILLATION PROXIMITY ASSAY FOR THE DETECTION OF PEPTIDOGLYCAN SYNTHESIS**  
[54] **ANALYSE DE PROXIMITE PAR SCINTILLATION DESTINEE A LA DETECTION DE LA SYNTHESE DE PEPTIDOGLYCANE**  
[72] DESOUSA, SUNITA, IN  
[72] PRAHLAD, DWARAKANATH, IN  
[71] ASTRAZENECA AB, SE  
[85] 2000-11-14  
[86] 1999-05-04 (PCT/SE99/00749)  
[87] 1999-11-25 (WO99/60155)  
[30] IN (1019/MAS/98) 1998-05-15  
[30] SE (9802210-6) 1998-06-22

[21] **2,332,797**  
[13] A1

[51] **Int.Cl. 6C22B 1/24 6C04B 24/00 6C10L 5/10 6C10L 5/12 6C10L 5/14 6C22B 1/243 6C22B 1/244 6C04B 28/26**  
[25] EN  
[54] **CONGLOMERATION OF MINERALS FROM A GRANULAR STATE WITH BINDER INCLUDING WATERGLASS, ACRYLIC RESIN AND VINYL ALCOHOL**  
[54] **CONGLOMERATION DE MINERAUX A L'ETAT GRANULAIRE AVEC DES LIANTS COMPRENANT LE VERRE SOLUBLE, UNE RESINE ACRYLIQUE ET L'ALCOOL VINYLIQUE**  
[72] MOODY, JOHN RUTHERFORD, ZA  
[71] MINERAL ENHANCEMENT SOUTH AFRICA (PROPRIETARY) LIMITED, ZA  
[85] 2000-11-20  
[86] 1999-05-17 (PCT/ZA99/00034)  
[87] 1999-11-25 (WO99/60175)  
[30] ZA (98/4152) 1998-05-18

[21] **2,332,798**  
[13] A1

[51] **Int.Cl. 6B29C 33/38 6B22F 5/00**  
[25] EN  
[54] **INJECTION MOULDING TOOL AND METHOD FOR THE PRODUCTION THEREOF**  
[54] **OUTIL DE MOULAGE PAR INJECTION ET PROCEDE DE FABRICATION DUDIT OUTIL**  
[72] BOECHAT, JEAN-MARC, CH  
[71] BOECHAT, JEAN-MARC, CH  
[85] 2000-11-14  
[86] 1999-05-18 (PCT/CH99/00211)  
[87] 1999-11-25 (WO99/59790)  
[30] CH (1103/98) 1998-05-19

[21] **2,332,799**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **FREQUENCY ESTIMATION OF ELECTRO-ISLET-GRAPHY**  
[54] **ESTIMATION DE FREQUENCES EN ELECTRO-INSULO-GRAPHIE**  
[72] CHARASH, DAN, IL  
[71] CARMEL BIOSENSORS LTD., IL  
[85] 2000-11-20  
[86] 1999-05-28 (PCT/US99/11973)  
[87] 1999-12-02 (WO99/60922)  
[30] US (60/087,026) 1998-05-28

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,332,800</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01H 1/12</b> [25] EN [54] <b>PORTABLE VIBRATION MONITORING DEVICE</b> [54] <b>DISPOSITIF PORTABLE SERVANT A CONTROLER DES VIBRATIONS</b> [72] CHANDLER, JON, US [72] DENT, ORRIS L., US [71] REID ASSET MANAGEMENT COMPANY, US [85] 2000-11-20 [86] 1999-05-17 (PCT/US99/10834) [87] 1999-11-25 (WO99/60352) [30] US (09/083,077) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,332,803</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 5/16</b> [25] EN [54] <b>MULTI-ACTION PARTICLE FOR STRUCTURING BIOLOGICAL MEDIA</b> [54] <b>PARTICULES A ACTION MULTIPLE DESTINEES A STRUCTURER UN MILIEU BIOLOGIQUE</b> [72] CHUIKO, ALEXEI, UA [72] OGENKO, VLADIMIR, UA [72] INGMAN, DOV, IL [72] DICKSTEIN, SARAH, IL [71] BIO-SEAL LTD., IL [85] 2000-11-17 [86] 1999-05-20 (PCT/IL99/00272) [87] 1999-11-25 (WO99/59811) [30] US (60/086,261) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,332,806</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 229/60 6C07D 235/02 6C07D 209/04 6C07D 265/30</b> [25] EN [54] <b>BIOREDUCTIVE CYTOTOXIC AGENTS</b> [54] <b>AGENTS CYTOTOXIQUES BIOREDUCTEURS</b> [72] ONO, MITSUNORI, US [72] WADA, YUMIKO, US [72] TAO, XUELIANG, US [72] WRONA, WOJCIECH, US [72] DALES, NATALIE, US [72] SUN, LIJUN, US [72] KOYA, KEIZO, US [72] HOLDEN, SYLVIA, US [71] SHIONOGI BIORESEARCH CORP., US [85] 2000-11-20 [86] 1999-05-20 (PCT/US99/11199) [87] 1999-12-02 (WO99/61409) [30] US (09/083,652) 1998-05-22 [30] US (60/086,429) 1998-05-22</p>
<p style="text-align: right;">[21] <b>2,332,801</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/02 6A61F 2/06</b> [25] EN [54] <b>INTRA VASCULAR IMPLANT AND METHOD OF MANUFACTURE THEREOF</b> [54] <b>IMPLANT INTRAVASCULAIRE ET SON PROCEDE DE FABRICATION</b> [72] GABBAY, SHLOMO, US [71] SHELHIGH, INC., US [85] 2000-11-14 [86] 1999-05-13 (PCT/US99/10505) [87] 1999-11-25 (WO99/59502) [30] US (09/080,042) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,332,804</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 1/26</b> [25] EN [54] <b>ELECTRONIC APPARATUS HAVING A LOW VOLTAGE AUTO-RESET CIRCUIT</b> [54] <b>APPAREIL ELECTRONIQUE A CIRCUIT DE REINITIALISATION AUTOMATIQUE BASSE TENSION</b> [72] MEADE, JAMES P., US [71] MATTEL, INC., US [85] 2000-11-17 [86] 2000-06-09 (PCT/US00/15768) [87] 2000-12-21 (WO00/77602) [30] US (09/330,141) 1999-06-11</p>	<p style="text-align: right;">[21] <b>2,332,807</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 8/02 6C25B 9/00</b> [25] EN [54] <b>BIPOLAR PLATES FOR ELECTROCHEMICAL CELLS</b> [54] <b>PLAQUES BIPOLAIRES POUR CELLULES ELECTROCHIMIQUES</b> [72] SCORTICHINI, CAREY L., US [72] HINTON, CARLOS E., US [72] MUSSELL, ROBERT D., US [71] THE DOW CHEMICAL COMPANY, US [85] 2000-11-17 [86] 1999-05-18 (PCT/US99/10955) [87] 1999-11-25 (WO99/60643) [30] US (09/082,931) 1998-05-21</p>
<p style="text-align: right;">[21] <b>2,332,802</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/725 6A61K 45/00 6C08B 37/08 6A61K 31/40</b> [25] EN [54] <b>REMEDIES FOR JOINT DISEASES BOUND TO HYALURONIC ACID</b> [54] <b>MEDICAMENTS CONTRE LES AFFECTIONS ARTICULAIRES LIES A L'ACIDE HYALURONIQUE</b> [72] TAMURA, TATSUYA, JP [72] OKAMACHI, AKIRA, JP [71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP [85] 2000-11-20 [86] 1999-05-19 (PCT/JP99/02600) [87] 1999-11-25 (WO99/59603) [30] JP (10/138329) 1998-05-20 [30] JP (10/224187) 1998-08-07 [30] JP (11/43064) 1999-02-22</p>	<p style="text-align: right;">[21] <b>2,332,805</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60C 23/04</b> [25] EN [54] <b>A REMOTE TYRE PRESSURE MONITORING SYSTEM</b> [54] <b>SYSTEME DE SURVEILLANCE A DISTANCE DE LA PRESSION DES PNEUS</b> [72] LEMAN, RICHARD, GB [71] AUTOMOTIVE TECHNOLOGIES LIMITED, GB [85] 2000-11-14 [86] 1999-05-21 (PCT/GB99/01625) [87] 1999-12-02 (WO99/61265) [30] GB (9811154.5) 1998-05-22</p>	

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[21] **2,332,808**  
[13] A1

[51] **Int.Cl. 6A61K 31/375 6C07H 17/04 6C07F 9/09 6C07D 307/62 6A61K 31/70**  
[25] EN  
[54] **PREVENTIVES/REMEDIES FOR SKIN DISEASES**  
[54] **AGENTS PREVENTIFS/THERAPEUTIQUES POUR LES AFFECTIONS CUTANEEES**  
[72] IKENO, HIROSHI, JP  
[72] OGATA, EIJI, JP  
[72] ITO, SHINOBU, JP  
[71] SHOWA DENKO K.K., JP  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/JP99/02516)  
[87] 1999-11-25 (WO99/59580)  
[30] JP (10/133479) 1998-05-15  
[30] JP (10/133480) 1998-05-15  
[30] JP (10/133481) 1998-05-15  
[30] JP (10/182353) 1998-06-29  
[30] JP (10/182354) 1998-06-29  
[30] JP (10/182355) 1998-06-29  
[30] US (60/104,157) 1998-10-14  
[30] US (60/104,159) 1998-10-14  
[30] US (60/104,160) 1998-10-14

[21] **2,332,809**  
[13] A1

[51] **Int.Cl. 6A23K 1/18**  
[25] EN  
[54] **PREVENTION OF DENTAL CALCULUS WITH POLYCARBOXYLIC ACIDS**  
[54] **PREVENTION DU TARTRE DENTAIRE AU MOYEN D'ACIDES POLYCARBOXYLIQUES**  
[72] STOOKEY, GEORGE K., US  
[71] ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC., US  
[85] 2000-11-20  
[86] 1999-05-20 (PCT/US99/11139)  
[87] 1999-12-02 (WO99/60866)  
[30] US (09/083,510) 1998-05-22

[21] **2,332,810**  
[13] A1

[51] **Int.Cl. 6G02B 5/124 6G09F 13/16**  
[25] EN  
[54] **PREFABRICATED RETROREFLECTIVE SIGN**  
[54] **PANNEAU RETROREFLECHISSANT PREFABRIQUE**  
[72] NORTHEY, PAUL J., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-11-17  
[86] 1999-01-08 (PCT/US99/00222)  
[87] 1999-12-09 (WO99/63368)  
[30] US (09/087,683) 1998-05-29

[21] **2,332,811**  
[13] A1

[51] **Int.Cl. 6C03C 14/00 6C04B 35/447 6C04B 35/48**  
[25] EN  
[54] **NEGATIVE THERMAL EXPANSION MATERIALS INCLUDING METHOD OF PREPARATION AND USES THEREFOR**  
[54] **MATERIAUX A EXPANSION THERMIQUE NEGATIVE, PROCEDE DE PREPARATION ET UTILISATIONS DE CES MATERIAUX**  
[72] MERKEL, GREGORY A., US  
[71] CORNING INCORPORATED, US  
[85] 2000-11-17  
[86] 1999-05-05 (PCT/US99/09888)  
[87] 1999-12-16 (WO99/64898)  
[30] US (60/086,053) 1998-05-19

[21] **2,332,812**  
[13] A1

[51] **Int.Cl. 6G09B 19/00 6G09B 3/00 6G09B 5/00 6G06F 17/00 6G06K 9/00 6G09B 19/06**  
[25] EN  
[54] **TECHNOLOGY ASSISTED LEARNING**  
[54] **APPRENTISSAGE ASSISTE PAR LA TECHNOLOGIE**  
[72] PARRY, KENT, US  
[72] ELZINGA, C. BRET, US  
[71] INTELLECTUAL RESERVE, INC., US  
[85] 2000-11-20  
[86] 1999-05-19 (PCT/US99/11174)  
[87] 1999-11-25 (WO99/60546)  
[30] US (09/081,706) 1998-05-19

[21] **2,332,813**  
[13] A1

[51] **Int.Cl. 6A61M 37/00**  
[25] EN  
[54] **SHAPE-ADAPTABLE TOPICAL HYPERBARIC OXYGEN CHAMBER**  
[54] **CHAMBRE A OXYGENE HYPERBARE, TOPIQUE ET DE TAILLE REGLABLE**  
[72] HENG, MADALENE C. Y., US  
[71] NUMOTECH, INCORPORATED, US  
[85] 2000-11-15  
[86] 1998-05-26 (PCT/US98/10670)  
[87] 1999-12-02 (WO99/61094)

[21] **2,332,814**  
[13] A1

[51] **Int.Cl. 6A61K 31/55 6A61K 31/135 6A61K 31/15 6A61K 31/34 6A61K 31/445 6A61K 31/505**  
[25] EN  
[54] **COMBINATION THERAPY FOR TREATMENT OF REFRACTORY DEPRESSION**  
[54] **THERAPIE COMBINEE DE TRAITEMENT DE LA DEPRESSION RESISTANTE**  
[72] TOLLEFSON, GARY DENNIS, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-11-17  
[86] 1999-05-21 (PCT/US99/11276)  
[87] 1999-12-02 (WO99/61027)  
[30] US (60/086,444) 1998-05-22

[21] **2,332,815**  
[13] A1

[51] **Int.Cl. 7B01D 39/16 7C08J 9/14**  
[25] EN  
[54] **EXTRUDED THERMOPLASTIC FOAMS USEFUL IN FILTRATION APPLICATIONS**  
[54] **MOUSSES THERMOPLASTIQUES EXTRUDEES UTILISEES POUR LA FILTRATION**  
[72] BLAND, DAVID G., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-11-15  
[86] 1999-07-02 (PCT/US99/15020)  
[87] 2000-02-10 (WO00/06284)  
[30] US (60/094,504) 1998-07-29

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,332,816</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01D 21/00</b> [25] EN [54] <b>IMPACT RESISTANT COMPOSITE SHELL FOR GAS TURBINE ENGINE FAN CASE</b> [54] <b>STRUCTURE COMPOSITE RESISTANTE AUX CHOCS POUR CARTER DE SOUFFLANTE DE TURBINE A GAZ</b> [72] ROBERTS, PAUL D. D., CA [71] PRATT &amp; WHITNEY CANADA CORP., CA [85] 2000-11-17 [86] 1999-05-20 (PCT/CA99/00452) [87] 1999-12-02 (WO99/61757) [30] US (09/086,983) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,332,820</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B27M 1/00 6B23K 26/00</b> [25] EN [54] <b>USE OF ULTRAFAST INTENSE LASER FOR PROCESSING LIGNOCELLULOSIC MATERIAL</b> [54] <b>UTILISATION D'UN LASER INTENSE ULTRA RAPIDE POUR TRAITER UNE SUBSTANCE LIGNO-CELLULOSIQUE</b> [72] LAGACE, SIMON, CA [72] NADERI, NADER, CA [72] CHIN, SEE LEANG, CA [71] UNIVERSITE LAVAL, CA [85] 2000-11-20 [86] 1999-05-18 (PCT/CA99/00448) [87] 1999-11-25 (WO99/59785) [30] US (09/100,766) 1998-05-19</p>	<p style="text-align: right;">[21] <b>2,332,823</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 21/27 7G01N 33/02 7G01N 33/10 7G01N 21/35</b> [25] EN [54] <b>AN OPTICAL APPARATUS</b> [54] <b>APPAREIL D'OPTIQUE</b> [72] SALMOND, COLIN HERBERT, AU [72] GREENSILL, COLIN VICTOR, AU [72] LEIGH-JONES, PETER, AU [71] ELAN GROUP LTD., AU [85] 2000-11-20 [86] 1999-05-21 (PCT/AU99/00387) [87] 1999-12-02 (WO99/61898) [30] AU (PP 3652) 1998-05-21</p>
<p style="text-align: right;">[21] <b>2,332,817</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/715 6C07K 14/00 6A61K 38/17</b> [25] EN [54] <b>IL-6 ANTAGONIST PEPTIDES</b> [54] <b>PEPTIDES ANTAGONISTES DE IL-6</b> [72] BRESSAN, ALESSANDRO, IT [72] SERLUPI-CRESCENZI, OTTAVIANO, IT [72] PEZZOTTI, ANNA RITA, IT [72] DELLA PIETRA, LINDA, IT [71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN [85] 2000-11-15 [86] 1999-05-18 (PCT/EP99/03421) [87] 1999-11-25 (WO99/60013) [30] EP (98108997.2) 1998-05-18</p>	<p style="text-align: right;">[21] <b>2,332,821</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05B 1/00 6H05B 3/06</b> [25] EN [54] <b>PIPE STAND INSTRUMENT HEATER AND MOUNTING SYSTEM</b> [54] <b>APPAREIL DE CHAUFFAGE POUR INSTRUMENTS SUR SUPPORT TUBULAIRE ET SYSTEME DE MONTAGE</b> [72] CAMPBELL, BRYAN, US [72] BARTH, ROY E., US [72] HUFF, GREG, US [72] SCHLAMEUS, DAVID, US [72] BONORDEN, CHARLES, US [72] ZABOROWSKI, RON W., US [71] THERMON MANUFACTURING COMPANY, US [85] 2000-11-17 [86] 1999-05-21 (PCT/US99/11371) [87] 1999-11-25 (WO99/59394) [30] US (60/086,200) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,332,824</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04R 7/06 6H04R 1/32</b> [25] EN [54] <b>PANEL-FORM LOUDSPEAKER</b> [54] <b>HAUT-PARLEUR EN FORME DE PANNEAU</b> [72] AZIMA, HENRY, GB [72] HARRIS, NEIL, GB [71] NEW TRANSDUCERS LIMITED, GB [85] 2000-11-20 [86] 1999-05-20 (PCT/GB99/01406) [87] 1999-12-02 (WO99/62294) [30] GB (9811098.4) 1998-05-23</p>
<p style="text-align: right;">[21] <b>2,332,819</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02C 7/08 6F02C 3/10</b> [25] EN [54] <b>RECUPERATOR FOR GAS TURBINE ENGINE</b> [54] <b>RECUPERATEUR POUR MOTEUR A TURBINE A GAZ</b> [72] ROMANI, GIUSEPPE, CA [71] PRATT &amp; WHITNEY CANADA CORP., CA [85] 2000-11-17 [86] 1999-05-13 (PCT/CA99/00416) [87] 1999-12-02 (WO99/61767) [30] US (09/086,982) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,332,822</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/80 6A61F 2/44</b> [25] EN [54] <b>OSTEOSYNTHETIC IMPLANT WITH AN EMBEDDED HINGE JOINT</b> [54] <b>IMPLANT OSTEOSYNTHETIQUE DOTE D'UN ASSEMBLAGE ARTICULE ENCASTRE</b> [72] FRIGG, ROBERT, CH [71] SYNTHES (U.S.A.), US [85] 2000-11-17 [86] 1998-05-19 (PCT/CH98/00208) [87] 1999-11-25 (WO99/59492)</p>	<p style="text-align: right;">[21] <b>2,332,826</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 4/48</b> [25] EN [54] <b>TRANSITION METAL BASED CERAMIC MATERIAL AND ELECTRODES FABRICATED THEREFROM</b> [54] <b>MATERIAU CERAMIQUE A BASE D'UN METAL DE TRANSITION ET ELECTRODES FABRIQUEES A PARTIR D'UN TEL MATERIAU</b> [72] WIXOM, MICHAEL, US [72] CLERC, DARYL, US [72] FAY, MATTHEW, US [72] THOMPSON, LEVI, US [71] T/J TECHNOLOGIES, INC., US [85] 2000-11-20 [86] 1999-05-21 (PCT/US99/11326) [87] 1999-12-02 (WO99/62132) [30] US (60/086,540) 1998-05-22 [30] US (09/315,169) 1999-05-20</p>

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[21] **2,332,829**  
[13] A1

[51] **Int.Cl. 6A61K 39/00 6C07K 1/00 6A61K 39/02 6A61K 39/095**  
[25] EN  
[54] **VACCINE DELIVERY SYSTEM**  
[54] **SYSTEME D'APPORT DE VACCIN**  
[72] STEIN, DANIEL, C., US  
[72] STOVER, CHARLES K., US  
[71] UNIVERSITY OF MARYLAND, US  
[85] 2000-11-20  
[86] 1999-05-10 (PCT/US99/10033)  
[87] 1999-11-25 (WO99/59625)  
[30] US (09/081,576) 1998-05-19

[21] **2,332,839**  
[13] A1

[51] **Int.Cl. 7C08F 8/00 7C08K 3/00 7C08L 29/04 7H01M 4/04 7H01B 1/06 7H01M 10/40 7H01M 4/62**  
[25] EN  
[54] **POLYMER, BINDER RESIN, COMPOSITION FOR IONICALLY CONDUCTIVE POLYMER ELECTROLYTE, AND SECONDARY BATTERY**  
[54] **POLYMERE, RESINE DE LIAISON, COMPOSITION D'ELECTROLYTE POLYMERE A CONDUCTIVITE IONIQUE ET BATTERIE SECONDAIRE**  
[72] HATA, KIMIYO, JP  
[72] SATO, TAKAYA, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[85] 2000-11-20  
[86] 2000-03-22 (PCT/JP00/01733)  
[87] 2000-09-28 (WO00/56780)  
[30] JP (11-078086) 1999-03-23

[21] **2,332,843**  
[13] A1

[51] **Int.Cl. 6B65D 81/20 6B65D 81/26 6A23L 3/3418 6A23L 3/3427**  
[25] EN  
[54] **CARBON DIOXIDE ATMOSPHERE MODIFIERS FOR PACKAGING**  
[54] **MODIFICATEURS D'ATMOSPHERE DE DIOXYDE DE CARBONE DANS UN EMBALLAGE**  
[72] SNOWBALL, THOMAS ERICK, AU  
[72] MATTHEWS, ANDREW ERNEST, AU  
[72] DARNETT, ROD, AU  
[71] SEALED AIR (NEW ZEALAND) LIMITED, NZ  
[85] 2000-11-20  
[86] 1999-06-01 (PCT/NZ99/00068)  
[87] 1999-12-09 (WO99/62790)  
[30] NZ (330589) 1998-06-02

[21] **2,332,846**  
[13] A1

[51] **Int.Cl. 6H02H 11/00**  
[25] EN  
[54] **BATTERY PACK PROTECTION CIRCUIT**  
[54] **CIRCUIT DE PROTECTION POUR BATTERIE D'ALIMENTATION**  
[72] PETERZELL, PAUL E., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2000-11-20  
[86] 1999-05-21 (PCT/US99/11370)  
[87] 1999-11-25 (WO99/60683)  
[30] US (09/082,512) 1998-05-21

[21] **2,332,848**  
[13] A1

[51] **Int.Cl. 6B66C 23/00**  
[25] EN  
[54] **LIFT STRUCTURES AND LIFTING ARRANGEMENTS THEREFOR**  
[54] **STRUCTURES ELEVATRICES ET DISPOSITIFS ELEVATEURS POUR CELLES-CI**  
[72] BEAN, ANDREW J., US  
[71] JLG INDUSTRIES, INC., US  
[85] 2000-11-15  
[86] 1998-12-18 (PCT/US98/27120)  
[87] 1999-09-02 (WO99/43604)  
[30] US (09/032,390) 1998-02-27

[21] **2,332,850**  
[13] A1

[51] **Int.Cl. 6B21H 5/00**  
[25] EN  
[54] **POWER TRANSMISSION FORMATION ROLLING MACHINE**  
[54] **PROFILEUSE POUR ENSEMBLES DE TRANSMISSION D'ENERGIE**  
[72] ROSELIEP, ROBERT E., US  
[72] KILLOP, JAMES THOMAS, US  
[71] UTICA ENTERPRISES, INC., US  
[85] 2000-11-20  
[86] 1999-06-01 (PCT/US99/12164)  
[87] 1999-12-16 (WO99/64185)  
[30] US (09/093,537) 1998-06-08

[21] **2,332,852**  
[13] A1

[51] **Int.Cl. 6E04B 1/76 6E04D 13/16**  
[25] EN  
[54] **FACING SYSTEM FOR AN INSULATION PRODUCT**  
[54] **SYSTEME DE REVETEMENT POUR PRODUIT D'ISOLATION**  
[72] POTTER, RUSSELL M., US  
[72] GRANT, LARRY J., US  
[72] BROKAW, MATTHEW C., US  
[72] PATEL, BHARAT D., US  
[72] QI, WEIGANG, US  
[72] DUDGEON, DALLAS L., US  
[71] OWENS CORNING, US  
[85] 2000-11-20  
[86] 1999-05-07 (PCT/US99/10140)  
[87] 1999-12-09 (WO99/63175)  
[30] US (09/088,990) 1998-06-02

[21] **2,332,854**  
[13] A1

[51] **Int.Cl. 6B08B 1/00**  
[25] EN  
[54] **DEVICE FOR PROVIDING SURFACE PREPARATION**  
[54] **DISPOSITIF ASSURANT LA PREPARATION DE SURFACE**  
[72] KURCZ, TIMOTHY J., US  
[72] MOORE, STEVEN C., US  
[71] LOCTITE CORPORATION, US  
[85] 2000-11-15  
[86] 1999-05-18 (PCT/US99/10897)  
[87] 1999-11-25 (WO99/59739)  
[30] US (60/085,986) 1998-05-19

[21] **2,332,862**  
[13] A1

[51] **Int.Cl. 6C07H 21/00 6C07B 61/00 6A61K 38/00 6G01N 33/68 6C12Q 1/68**  
[25] EN  
[54] **REAGENT AND METHOD**  
[54] **PROCEDE ET REAGENT**  
[72] HOUSBY, JOHN NICHOLAS, GB  
[72] SOUTHERN, EDWIN MELLOR, GB  
[72] SHCHEPINOV, MIKHAIL SERGEEVICH, GB  
[72] ELDER, JOHN KENNETH, GB  
[72] HAMILTON, ALAN LEWIS, GB  
[71] ISIS INNOVATION LIMITED, GB  
[85] 2000-11-15  
[86] 1999-05-17 (PCT/GB99/01561)  
[87] 1999-11-25 (WO99/60007)  
[30] EP (98303873.8) 1998-05-15



## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,332,884</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01C 19/72</b> [25] EN [54] <b>METHOD FOR GENERATING A TEMPERATURE-DEPENDENT SIGNAL IN A FIBRE-OPTIC GYROSCOPE</b> [54] <b>PROCEDE DE PRODUCTION D'UN SIGNAL DEPENDANT DE LA TEMPERATURE DANS UN GYROSCOPE A FIBRE OPTIQUE</b> [72] MULLER, REINHARD, DE [72] TROMMER, GERT, DE [71] LFK LENKFLUGKORPERSYSTEME GMBH, DE [85] 2000-11-15 [86] 1999-05-18 (PCT/EP99/03409) [87] 1999-11-25 (WO99/60336) [30] DE (198 22 581.4) 1998-05-20</p>	<p style="text-align: center;">[21] <b>2,332,893</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 43/12 6E21B 34/06</b> [25] EN [54] <b>AUTOMATIC HYDROCARBON PRODUCTION MANAGEMENT SYSTEM</b> [54] <b>SYSTEME DE GESTION DE PRODUCTION AUTOMATIQUE D'HYDROCARBURES</b> [72] TUBEL, PAUL S., US [71] BAKER HUGHES INCORPORATED, US [85] 2000-11-15 [86] 1999-05-14 (PCT/US99/10703) [87] 1999-11-25 (WO99/60247) [30] US (60/085,588) 1998-05-15</p>	<p style="text-align: center;">[21] <b>2,332,904</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 27/00 6A61L 29/00 6A61L 31/00 6A61L 33/00</b> [25] EN [54] <b>BIOCOMPATIBLE CRACK RESISTANT COATING COMPOSITIONS</b> [54] <b>COMPOSITIONS DE REVETEMENT BIOCOMPATIBLES RESISTANT AUX CRAQUELURES</b> [72] CHAPPA, RALPH A., US [72] ANDERSON, ARON B., US [72] EVERSON, TERRENCE P., US [71] SURMODICS, INC., US [85] 2000-11-15 [86] 1999-06-04 (PCT/US99/12533) [87] 1999-12-16 (WO99/64086) [30] US (09/095,371) 1998-06-10</p>
<p style="text-align: center;">[21] <b>2,332,886</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 251/36 7A01N 37/50</b> [25] EN [54] <b>PHENYL-METHOXYIMINO-ACETIC ACID DERIVATIVES AS PESTICIDES</b> [54] <b>DERIVES DE L'ACIDE PHENYL-METHOXIMINO-ACETIQUE UTILISES COMME PESTICIDES</b> [72] ZELLER, MARTIN, CH [72] SZCZEPANSKI, HENRY, CH [72] ZIEGLER, HUGO, CH [71] NOVARTIS AG, CH [85] 2000-11-17 [86] 1999-07-14 (PCT/EP99/04985) [87] 2000-01-27 (WO00/03974) [30] CH (1518/98) 1998-07-16</p>	<p style="text-align: center;">[21] <b>2,332,895</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A45D 40/26 7A61M 35/00 7A61K 7/32</b> [25] EN [54] <b>ANTIPERSPIRANT/DEODORANT APPLICATOR</b> [54] <b>APPLICATEUR DE PRODUIT ANTISUDORIFIQUE ET DEODORANT</b> [72] ALTONEN, GENE MICHAEL, US [72] GIRARDOT, RICHARD MICHAEL, US [72] TUTHILL, LYLE BROWN, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-15 [86] 1999-06-30 (PCT/US99/14789) [87] 2000-01-06 (WO00/00056) [30] US (09/107,681) 1998-06-30 [30] US (09/185,802) 1998-11-04</p>	<p style="text-align: center;">[21] <b>2,332,908</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10G 2/00 7C07C 1/04 7C10G 45/60</b> [25] EN [54] <b>AN INTEGRATED PROCESS FOR CONVERTING NATURAL GAS AND GAS FIELD CONDENSATE INTO HIGH VALUED LIQUID PRODUCTS</b> [54] <b>PROCEDE INTEGRE PERMETTANT DE TRANSFORMER UN GAZ NATUREL ET UN CONDENSAT DE CHAMP DE GAZ NATUREL EN PRODUITS PETROLIERS LIQUIDES TRES APPRECIES</b> [72] BERLOWITZ, PAUL JOSEPH, US [72] WITTENBRINK, ROBERT JAY, US [72] COOK, BRUCE RANDALL, US [71] EXXONMOBIL RESEARCH &amp; ENGINEERING COMPANY, US [85] 2000-11-15 [86] 1999-05-28 (PCT/US99/11873) [87] 2000-01-06 (WO00/00571) [30] US (09/108,102) 1998-06-30</p>
<p style="text-align: center;">[21] <b>2,332,888</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 15/00 6H04Q 7/38</b> [25] EN [54] <b>CALL INFORMATION OUTPUT IN A TELECOMMUNICATION NETWORK</b> [54] <b>SORTIE D'INFORMATIONS D'APPEL DANS UN RESEAU DE TELECOMMUNICATION</b> [72] LIPANEN, MIKKO, FI [72] NILSSON, PATRIK KIM, FI [72] PALM, PATRIK KJELL-JOHAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-15 [86] 1999-05-17 (PCT/FI99/00424) [87] 1999-11-25 (WO99/60770) [30] FI (981105) 1998-05-18</p>	<p style="text-align: center;">[21] <b>2,332,899</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B61L 15/00 7B60L 15/38</b> [25] EN [54] <b>A METHOD OF IDENTIFYING AND LOCATING TRAINLINE POWER SUPPLIES</b> [54] <b>PROCEDE DE REPERAGE DE DISPOSITIFS D'ALIMENTATION ELECTRIQUE DE CONDUITE DE FREIN</b> [72] STEVENS, DALE R., US [72] LUMBIS, ANTHONY W., US [71] NEW YORK AIR BRAKE CORPORATION, US [85] 2000-11-15 [86] 1999-10-25 (PCT/US99/24988) [87] 2000-05-11 (WO00/26076) [30] US (60/106,830) 1998-11-03</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,332,950</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/41 6C07D 271/12</b> [25] EN [54] <b>USE OF BENZOFUROXAN DERIVATIVES IN TREATING ANGINA PECTORIS</b> [54] <b>UTILISATION DE DERIVES DE BENZOFUROXANE DANS 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/IB99/00893) [87] 1999-12-02 (WO99/61018) [30] IN (935/CAL/98) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,332,958</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/00</b> [25] EN [54] <b>AMINE REACTION COMPOUNDS COMPRISING ONE OR MORE ACTIVE INGREDIENT</b> [54] <b>COMPOSES DE REACTION D'AMINE CONTENANT UN OU PLUSIEURS INGREDIENTS ACTIFS</b> [72] SMETS, JOHAN, BE [72] SANCHEZ-PENA, MARIA MONTSERRAT, BE [72] BETTIOL, JEAN-LUC PHILIPPE, BE [72] PERNEEL, PETER MARIE KAMIEL, BE [72] LAUDAMIEL, CHRISTOPHE, BE [72] BUSCH, ALFRED, BE [72] DENUTTE, HUGO, BE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-23 [86] 1999-07-12 (PCT/US99/15680) [87] 2000-01-20 (WO00/02987) [30] EP (98870156.1) 1998-07-10 [30] EP (98870227.0) 1998-10-28 [30] EP (99870026.4) 1999-02-11</p>	<p style="text-align: right;">[21] <b>2,332,965</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01C 1/44</b> [25] EN [54] <b>A ROTARY MACHINE</b> [54] <b>MACHINE ROTATIVE</b> [72] DRIVER, RONALD WILLIAM, GB [71] DRIVER TECHNOLOGY LIMITED, GB [85] 2000-11-21 [86] 1999-05-21 (PCT/GB99/01419) [87] 1999-12-02 (WO99/61752) [30] GB (9811111.5) 1998-05-23</p>
<p style="text-align: right;">[21] <b>2,332,955</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07F 19/00 7G07F 7/08</b> [25] EN [54] <b>SYSTEM AND METHOD FOR PRE-AUTHORIZATION OF INDIVIDUAL ACCOUNT REMOTE TRANSACTIONS</b> [54] <b>SYSTEME ET PROCEDE DE PREAUTORISATION POUR DES TRANSACTIONS EFFECTUEES A DISTANCE SUR UN COMPTE INDIVIDUEL</b> [72] WATSON, CRAIG J., US [72] BURKE, BRAD, US [71] GE CAPITAL FINANCIAL INC., US [85] 2000-11-23 [86] 2000-03-24 (PCT/US00/07975) [87] 2000-09-28 (WO00/57374) [30] US (09/276,289) 1999-03-24</p>	<p style="text-align: right;">[21] <b>2,332,963</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/095 6A61K 9/127 6A61K 39/385 6A61K 39/39</b> [25] EN [54] <b>COMBINATION MENINGITIDIS B/C VACCINES</b> [54] <b>VACCIN MIXTE B/C CONTRE LA MENINGITE</b> [72] AABERGE, INGEBORG S., NO [72] GRANOFF, DAN M., US [72] HOLST, JOHAN, NO [72] HANEBERG, BJORN, NO [72] RAFF, HOWARD, US [71] CHIRON CORPORATION, US [85] 2000-11-21 [86] 1999-05-28 (PCT/US99/11977) [87] 1999-12-02 (WO99/61053) [30] US (60/087,351) 1998-05-29 [30] US (60/106,446) 1998-10-30</p>	<p style="text-align: right;">[21] <b>2,332,969</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/66 7A61K 31/70</b> [25] EN [54] <b>INOSITOLPHOSPHOGLYCAN AND RIBOSE FOR TREATMENT OF ISCHAEMIA-REPERFUSION INJURY</b> [54] <b>INOSITOLPHOSPHOGLYCANES ET RIBOSE DE TRAITEMENT DE LESIONS PAR ISCHEMIE-REPERFUSION</b> [72] MCLEAN, PATRICIA, GB [72] GREENBAUM, LESLIE, GB [72] RADEMACHER, THOMAS WILLIAM, GB [71] UNIVERSITY COLLEGE LONDON, GB [85] 2000-11-21 [86] 1999-05-12 (PCT/GB99/01499) [87] 2000-01-06 (WO00/00205) [30] GB (9814039.5) 1998-06-29</p>
		<p style="text-align: right;">[21] <b>2,332,970</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 27/00 6B01J 21/02 6C07C 27/06 6B01J 27/13 6B01J 27/185 6B01J 23/40 6B01J 23/42 6B01J 23/58</b> [25] EN [54] <b>FISCHER-TROPSCH PROCESSES AND CATALYSTS WITH PROMOTERS</b> [54] <b>PROCEDES ET CATALYSEURS FISCHER-TROPSCH AVEC PROMOTEURS</b> [72] MAKAR, KAMEL M., US [72] MANZER, LEO E., US [72] SUBRAMANIAN, MUNIRPALLAM A., US [72] CHAO, WENCHUN, US [71] CONOCO INC., US [85] 2000-11-21 [86] 1999-05-20 (PCT/US99/11233) [87] 1999-12-02 (WO99/61144) [30] US (60/086,372) 1998-05-22 [30] US (60/086,405) 1998-05-22 [30] US (60/097,180) 1998-08-20</p>

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<p style="text-align: right;">[21] <b>2,332,973</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b> [25] EN [54] <b>METHOD AND SYSTEM FOR ELECTRONIC COMMERCE USING MULTIPLE ROLES</b> [54] <b>PROCEDE ET SYSTEME DE COMMERCE ELECTRONIQUE UTILISANT PLUSIEURS ROLES</b> [72] MOHIT, MARYAM, US [72] SPIEGEL, JOEL, R., US [71] AMAZON.COM, INC., US [85] 2000-11-21 [86] 1999-06-25 (PCT/US99/14492) [87] 1999-12-29 (WO99/67700) [30] US (09/104,942) 1998-06-25</p>	<p style="text-align: right;">[21] <b>2,333,018</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/225</b> [25] EN [54] <b>FRAME ASSEMBLY FOR SUPPORTING A CAMERA</b> [54] <b>SUPPORT CONCU POUR SUPPORTER UNE CAMERA VIDEO</b> [72] HART, PAUL K., US [71] HART, PAUL K., US [85] 2000-11-21 [86] 1998-06-24 (PCT/US98/13017) [87] 1999-12-29 (WO99/67948)</p>	<p style="text-align: right;">[21] <b>2,333,022</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 13/00 6A61M 37/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR CONDITIONING GAS FOR MEDICAL PROCEDURES</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT DE CONDITIONNER UN GAZ POUR DES PROCEDURES MEDICALES</b> [72] OTT, DOUGLAS E., US [72] GRAY, ROBERT I., US [72] SCHAEFER, JOHN F., US [71] GEORGIA BIOMEDICAL, INC., US [85] 2000-11-20 [86] 1999-05-18 (PCT/US99/10817) [87] 1999-11-25 (WO99/59661) [30] US (09/081,186) 1998-05-19</p>
<p style="text-align: right;">[21] <b>2,332,976</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61G 5/00 6A61G 7/00</b> [25] EN [54] <b>APPARATUS TO ASSIST DISABLED PERSONS</b> [54] <b>APPAREIL PERMETTANT D'ASSISTER DES PERSONNES HANDICAPEES</b> [72] PERSSON, BO, SE [72] DIMOVSKI, DENI, SE [72] LINGEGARD, HANS, SE [72] HAGSTROM, HAKEN, SE [71] ARJO HOSPITAL EQUIPMENT AB, SE [85] 2000-11-21 [86] 1999-05-21 (PCT/SE99/00882) [87] 1999-12-02 (WO99/60977) [30] SE (9801850-0) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,333,020</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 2/18 6H01M 10/04</b> [25] EN [54] <b>CYLINDRICAL BATTERY AND METHOD AND DEVICE FOR MANUFACTURING THEREOF</b> [54] <b>BATTERIE CYLINDRIQUE, PROCEDE ET DISPOSITIF UTILISES POUR SA FABRICATION</b> [72] SAWADA, TADAHIRO, JP [72] KODA, MINORU, JP [72] AOI, TAKAYUKI, JP [72] NOYA, SHIGETO, JP [72] WADA, SEIJI, JP [72] NAKATSUKA, SABURO, JP [72] SHOJI, YASUHIKO, JP [72] MORIWAKI, TSUTOMU, JP [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP [85] 2000-11-21 [86] 1999-05-20 (PCT/JP99/02675) [87] 1999-11-25 (WO99/60636) [30] JP (10/139350) 1998-05-21 [30] JP (10/139351) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,333,024</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/197</b> [25] EN [54] <b>USE OF CABA-ANALOGUES FOR TREATING INSOMNIA</b> [54] <b>METHODE DE TRAITEMENT DE L'INSOMNIE</b> [72] SEGAL, CATHERINE A., US [72] MAGNUS, LESLIE, US [71] WARNER-LAMBERT COMPANY, US [85] 2000-11-21 [86] 1999-07-01 (PCT/US99/15058) [87] 2000-01-20 (WO00/02546) [30] US (60/092,166) 1998-07-09</p>
<p style="text-align: right;">[21] <b>2,332,987</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60R 13/00 6B32B 27/00 6B32B 9/04 6B32B 5/16</b> [25] EN [54] <b>EXTERIOR PANELS FOR MOTOR VEHICLES</b> [54] <b>PANNEAUX EXTERIEURS DESTINES A DES VEHICULES A MOTEUR</b> [72] WILSON, PHILLIP S., US [71] MAGNA INTERNATIONAL OF AMERICA, INC., US [85] 2000-11-21 [86] 1999-05-20 (PCT/US99/11194) [87] 1999-12-02 (WO99/61281) [30] US (60/086,616) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,333,021</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 47/48</b> [25] EN [54] <b>CONJUGATES OF AN AMF LIGAND AND A CYTOTOXIC MOLECULE FOR USE IN CANCER THERAPY</b> [54] <b>CONJUGUES DE LIGAND D'AMF ET D'UNE MOLECULE CYTOTOXIQUE POUVANT ETRE UTILISES DANS LA THERAPIE DU CANCER</b> [72] NABI, IVAN R., CA [71] UNIVERSITE DE MONTREAL, CA [85] 2000-11-21 [86] 1999-05-13 (PCT/CA99/00438) [87] 1999-12-02 (WO99/61060) [30] CA (2,238,257) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,333,025</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B09C 1/10</b> [25] EN [54] <b>DECONTAMINATION OF SOIL CONTAMINATED WITH PCB</b> [54] <b>DECONTAMINATION DU SOL CONTAMINE PAR PCB (POLYCHLOROBIPHENYLE)</b> [72] MOSER, GUY P., CA [72] GRAY, NEIL C. C., CA [71] STAUFFER MANAGEMENT COMPANY, US [85] 2000-11-20 [86] 1999-05-14 (PCT/CA99/00441) [87] 1999-11-25 (WO99/59744) [30] US (09/080,652) 1998-05-18</p>

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<p style="text-align: right;">[21] <b>2,333,026</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E06C 9/14 6E06C 1/56</b> [25] EN [54] <b>LADDER</b> [54] <b>ECELLE</b> [72] HOBBS, ANTHONY JAMES PATRICK, GB [71] HOBBS, ANTHONY JAMES PATRICK, GB [85] 2000-11-21 [86] 1999-04-26 (PCT/GB99/01300) [87] 1999-12-23 (WO99/66165) [30] GB (9813170.9) 1998-06-19</p>	<p style="text-align: right;">[21] <b>2,333,031</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01J 49/10</b> [25] EN [54] <b>ATMOSPHERIC PRESSURE MATRIX ASSISTED LASER DESORPTION</b> [54] <b>DESORPTION LASER ASSISTEE PAR MATRICE A LA PRESSION ATMOSPHERIQUE</b> [72] BURLINGAME, ALMA L., US [72] LAIKO, VICTOR V., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 2000-11-20 [86] 1999-04-02 (PCT/US99/07268) [87] 1999-12-09 (WO99/63576) [30] US (09/090,764) 1998-06-04</p>	<p style="text-align: right;">[21] <b>2,333,035</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09J 163/00 6B32B 27/00 6C08L 63/00</b> [25] EN [54] <b>ADHESIVE AND COATING FORMULATIONS FOR FLEXIBLE PACKAGING</b> [54] <b>FORMULATIONS D'ADHESIF ET DE REVETEMENT POUR CONDITIONNEMENT FLEXIBLE</b> [72] RAMALINGAM, BALASUBRAMANIAM, US [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2000-11-20 [86] 1999-05-19 (PCT/IB99/01198) [87] 1999-11-25 (WO99/60068) [30] US (60/086,079) 1998-05-20 [30] US (09/304,892) 1999-05-04</p>
<p style="text-align: right;">[21] <b>2,333,028</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 26/08</b> [25] EN [54] <b>1XN OPTICAL SWITCH</b> [54] <b>COMMUTATEUR OPTIQUE 1XN</b> [72] LAOR, HERZEL, US [71] LAOR, HERZEL, US [85] 2000-11-20 [86] 1999-06-03 (PCT/US99/12342) [87] 1999-12-09 (WO99/63374) [30] US (09/092,124) 1998-06-05</p>	<p style="text-align: right;">[21] <b>2,333,034</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 4/20 6C08F 32/04 6C08F 32/08</b> [25] EN [54] <b>POLYOLEFIN COMPOSITIONS HAVING VARIABLE TOUGHNESS AND/OR HARDNESS</b> [54] <b>COMPOSITIONS DE POLYOLEFINE A RESISTANCE ET/OU DURETE VARIABLE</b> [72] LASCH, JONATHAN G., US [72] CRUCE, CHRISTOPHER J., US [72] MACLEOD, JESSIE G., US [72] GIARDELLO, MICHAEL A., US [71] MATERIA, INC., US [85] 2000-11-20 [86] 1999-05-18 (PCT/US99/10910) [87] 1999-11-25 (WO99/60030) [30] US (60/085,981) 1998-05-19 [30] US (60/118,865) 1999-02-05</p>	<p style="text-align: right;">[21] <b>2,333,039</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 25/02 6A61M 25/10 6A61B 17/34</b> [25] EN [54] <b>METHOD FOR PRESSURE MEDIATED SELECTIVE DELIVERY OF THERAPEUTIC SUBSTANCES AND CANNULA</b> [54] <b>PROCEDE D'ADMINISTRATION SELECTIVE DE PRODUITS THERAPEUTIQUES PAR APPLICATION D'UNE PRESSION, ET CANULE</b> [72] CLEVINGER, RANDALL R., US [72] DELEONARDIS, JOHN R., US [72] CHRISTINI, DOUGLAS V., US [72] LUTZ, ROBERT J., US [72] SAFER, BRIAN, US [72] WIENER, STEPHEN M., US [72] HOYT, ROBERT F., JR., US [71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US [85] 2000-11-20 [86] 1999-05-21 (PCT/US99/11277) [87] 1999-11-25 (WO99/59666) [30] US (60/086,565) 1998-05-21 [30] US (60/087,099) 1998-05-28</p>
<p style="text-align: right;">[21] <b>2,333,029</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F03B 3/12 6B25F 5/00 6B23Q 5/06</b> [25] EN [54] <b>HYDRAULIC MOTOR</b> [54] <b>MOTEUR HYDRAULIQUE</b> [72] HOSTIN, STANISLAV, SK [72] SEDLACEK, MIROSLAV, CZ [71] HOSTIN, STANISLAV, SK [71] SEDLACEK, MIROSLAV, CZ [85] 2000-11-21 [86] 1999-05-19 (PCT/CZ99/00013) [87] 1999-12-02 (WO99/61790) [30] CZ (PUV 8081-98) 1998-05-22</p>		

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[21] **2,333,040**  
[13] A1

[51] **Int.Cl. 6C07D 471/04 6C07D 239/42 6A61K 31/435 6A61K 31/505**  
[25] EN  
[54] **IMIDAZOPYRIDINE THROMBIN INHIBITORS**  
[54] **COMPOSES D'IMIDAZOPYRIDINE INHIBITEURS DE LA THROMBINE**  
[72] SANDERSON, PHILIP E., US  
[72] NAYLOR-OLSEN, ADEL M., US  
[71] MERCK & CO., INC., US  
[85] 2000-11-21  
[86] 1999-05-24 (PCT/US99/11463)  
[87] 1999-12-02 (WO99/61442)  
[30] US (60/086,723) 1998-05-26

[21] **2,333,042**  
[13] A1

[51] **Int.Cl. 6H04B 1/10 6H04B 3/30**  
[25] EN  
[54] **SUPPRESSION OF RFI AND IMPULSE NOISE IN COMMUNICATIONS CHANNELS**  
[54] **SUPPRESSION DE RFI ET DE BRUIT IMPULSIF DANS DES CANAUX DE TRANSMISSION**  
[72] YEAP, TET HIN, CA  
[71] BELL CANADA, CA  
[85] 2000-11-20  
[86] 1999-05-18 (PCT/CA99/00474)  
[87] 1999-12-09 (WO99/63675)  
[30] CA (2,239,675) 1998-06-04

[21] **2,333,046**  
[13] A1

[51] **Int.Cl. 6C09K 5/00**  
[25] EN  
[54] **DIESEL ENGINE ANTIFREEZE COMPOSITION**  
[54] **COMPOSITION ANTIGEL POUR MOTEUR DIESEL**  
[72] TURCOTTE, DAVID E., US  
[72] LOCKWOOD, FRANCES E., US  
[71] ASHLAND INC., US  
[85] 2000-11-20  
[86] 1999-05-21 (PCT/US99/11324)  
[87] 1999-12-02 (WO99/61545)  
[30] US (09/083,821) 1998-05-22

[21] **2,333,047**  
[13] A1

[51] **Int.Cl. 6D21D 1/30 6D21D 1/00**  
[25] EN  
[54] **LOW SPEED LOW INTENSITY CHIP REFINING**  
[54] **RAFFINAGE DES COPEAUX A FAIBLE VITESSE ET A FAIBLE INTENSITE**  
[72] MILES, KEITH, CA  
[71] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA  
[85] 2000-11-21  
[86] 1999-05-21 (PCT/CA99/00468)  
[87] 1999-12-02 (WO99/61696)  
[30] US (60/086,877) 1998-05-27

[21] **2,333,051**  
[13] A1

[51] **Int.Cl. 6B07B 1/18**  
[25] EN  
[54] **SIEVING DEVICE FOR SOLID MATERIAL AND A METHOD FOR SIEVING SOLID MATERIAL**  
[54] **DISPOSITIF ET PROCEDE DE CRIBLAGE DE MATIERE SOLIDE**  
[72] WERDINIG, HELMUT, DE  
[72] GROPPER, GEORG, DE  
[72] RIGGENMANN, REINHOLD, DE  
[72] VON RHEIN, WINFRIED, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-11-20  
[86] 1999-05-17 (PCT/DE99/01482)  
[87] 1999-12-02 (WO99/61172)  
[30] DE (198 23 018.4) 1998-05-22

[21] **2,333,053**  
[13] A1

[51] **Int.Cl. 6B29C 31/08 6B29C 49/06 6B29C 49/64 6B29C 49/68**  
[25] EN  
[54] **COMPACT POST-MOLD COOLING DEVICE**  
[54] **DISPOSITIF COMPACT DE REFROIDISSEMENT APRES MOULAGE**  
[72] OLARU, GHEORGHE, CA  
[72] NETER, WITOLD, US  
[72] OUESLATI, FAISAL, CA  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2000-11-21  
[86] 1999-04-20 (PCT/US99/08636)  
[87] 2000-02-10 (WO00/06356)  
[30] US (60/094,793) 1998-07-31

[21] **2,333,054**  
[13] A1

[51] **Int.Cl. 6A61B 17/36**  
[25] EN  
[54] **PATIENT FIXATION SYSTEM AND METHOD FOR LASER EYE SURGERY**  
[54] **SYSTEME DE FIXATION DU PATIENT ET PROCEDE POUR LA CHIRURGIE OPHTHALMOLOGIQUE PAR LASER**  
[72] LEMBERG, VLADIMIR, US  
[72] SHIMMICK, JOHN K., US  
[72] CLAPHAM, TERRANCE N., US  
[72] MUNNERLYN, CHARLES R., US  
[71] VISX, INCORPORATED, US  
[85] 2000-11-20  
[86] 1999-06-23 (PCT/US99/14249)  
[87] 2000-01-06 (WO00/00097)  
[30] US (09/105,690) 1998-06-26

[21] **2,333,058**  
[13] A1

[51] **Int.Cl. 6A61F 5/00**  
[25] EN  
[54] **CORPORAL TISSUE PENILE RECONSTRUCTION**  
[54] **RECONSTRUCTION PENIENNE AU MOYEN DE TISSU CORPOREL**  
[72] ATALA, ANTHONY, US  
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US  
[85] 2000-11-21  
[86] 1999-05-17 (PCT/US99/10848)  
[87] 1999-11-25 (WO99/59506)  
[30] US (60/086,199) 1998-05-21  
[30] US (60/104,405) 1998-10-15

[21] **2,333,059**  
[13] A1

[51] **Int.Cl. 6A01N 59/00 6A01N 25/22 6C02F 1/76**  
[25] EN  
[54] **CONCENTRATED AQUEOUS BROMINE SOLUTIONS AND THEIR PREPARATION**  
[54] **SOLUTIONS BROMEES AQUEUSES ET CONCENTREES ET LEUR PREPARATION**  
[72] NALEPA, CHRISTOPHER J., US  
[72] MOORE, ROBERT M., JR., US  
[71] ALBERMARLE CORPORATION, US  
[85] 2000-11-20  
[86] 1999-05-03 (PCT/US99/09801)  
[87] 1999-12-09 (WO99/62339)  
[30] US (09/088,300) 1998-06-01

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,333,060</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 27/20 6B65D 65/20</b> [25] EN [54] <b>A PACKAGING MATERIAL AND PACKAGES PRODUCED FROM THE MATERIAL FOR LIGHT-SENSITIVE PRODUCTS</b> [54] <b>MATERIAU D'EMBALLAGE ET PAQUETS REALISES AVEC CE MATERIAU D'EMBALLAGE ET DESTINES AU CONDITIONNEMENT DE PRODUITS SENSIBLES A LA LUMIERE</b> [72] BERGHOLTZ, LARS, SE [72] KLINT, LOTTA, SE [71] TETRA LAVAL HOLDINGS &amp; FINANCE S.A., CH [85] 2000-11-21 [86] 1999-05-18 (PCT/SE99/00843) [87] 1999-12-02 (WO99/61245) [30] SE (9801809-6) 1998-05-22</p>	<p style="text-align: center;">[21] <b>2,333,067</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b> [25] EN [54] <b>ABSORBENT ARTICLE WRAPPER COMPRISING A SIDE FLAP FASTENER COVER</b> [54] <b>ENVELOPPE POUR ARTICLE ABSORBANT COMPRENANT UNE COUVERTURE DES FIXATIONS D'AILES LATERALES</b> [72] HASEGAWA, MAKI, JP [72] NISHIDA, NAOFUMI, JP [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-21 [86] 1997-11-14 (PCT/US97/20812) [87] 1999-05-27 (WO99/25285)</p>	<p style="text-align: center;">[21] <b>2,333,082</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 3/04 6B24B 13/005 6B24B 13/04 6G02B 13/14</b> [25] EN [54] <b>PRECISION DOUBLE-SIDED ASPHERIC ELEMENT</b> [54] <b>ELEMENT ASPHERIQUE DE PRECISION COMPORTANT DEUX COTES</b> [72] BEN-MENACHEM, BARUCH, IL [72] ASIDA, NISSIM, IL [72] ZEREM, YAACOV, IL [71] OPHIR OPTRONICS LTD., IL [85] 2000-11-21 [86] 1999-04-15 (PCT/IL99/00201) [87] 1999-11-25 (WO99/60429) [30] IL (124598) 1998-05-21</p>
<p style="text-align: center;">[21] <b>2,333,065</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b> [25] EN [54] <b>ABSORBENT ARTICLE WITH MACRO-PARTICULATE STORAGE MEMBER</b> [54] <b>ARTICLE ABSORBANT A STRUCTURE DE RETENTION A MICRO-PARTICULES</b> [72] MASON, OLIVER EDWIN CLARKE, US [72] PINYAYEV, ALEKSEY MIKHAILOVICH, US [72] HAMMONS, JOHN LEE, US [72] ROE, DONALD CARROLL, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-11-21 [86] 1998-11-13 (PCT/US98/24315) [87] 1999-05-27 (WO99/25292) [30] US (60/066,777) 1997-11-15 [30] US (09/172,591) 1998-10-14</p>	<p style="text-align: center;">[21] <b>2,333,076</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/22 6A61K 31/435</b> [25] EN [54] <b>TOPICAL APPLICATION OF MUSCARINIC ANALGESIC DRUGS SUCH AS NEOSTIGMINE</b> [54] <b>APPLICATION TOPIQUE DE MEDICAMENTS ANALGESIQUES MUSCARINIQUES TELS QUE LA NEOSTIGMINE</b> [72] EL KHOURY, GEORGE F., US [71] EL KHOURY, GEORGE F., US [85] 2000-11-21 [86] 1999-05-21 (PCT/US99/11189) [87] 1999-11-25 (WO99/59577) [30] US (09/083,431) 1998-05-21</p>	<p style="text-align: center;">[21] <b>2,333,083</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/30</b> [25] EN [54] <b>METHOD AND SYSTEM FOR FAST MEMORY-RESIDENT PROCESSING OF TRANSACTION DATA</b> [54] <b>PROCEDE ET SYSTEME POUR EFFECTUER UN TRAITEMENT RAPIDE, RESIDANT EN MEMOIRE, DE DONNEES DE TRANSACTION</b> [72] PRIMSCH, JURGEN, DE [71] SAP AKTIENGESELLSCHAFT, DE [85] 2000-11-21 [86] 1999-06-18 (PCT/EP99/04227) [87] 1999-12-29 (WO99/67725) [30] US (09/100,581) 1998-06-19</p>
<p style="text-align: center;">[21] <b>2,333,080</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10B 53/00 6B03B 9/04</b> [25] EN [54] <b>PLANT AND METHOD FOR THE PROCESSING OF RESIDUE FROM A THERMAL WASTE DISPOSAL PLANT</b> [54] <b>INSTALLATION DE TRAITEMENT DE MATIERE RESIDUELLE PROVENANT D'UNE INSTALLATION THERMIQUE D'ELIMINATION DES DECHETS</b> [72] TESCHERS, LEONHARD, DE [72] VON RHEIN, WINFRIED, DE [72] BORETZKY, JOACHIM, DE [72] WERDINIG, HELMUT, DE [72] EBERT, ANTON, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-11-21 [86] 1999-05-12 (PCT/DE99/01449) [87] 1999-12-02 (WO99/61547) [30] DE (198 22 993.3) 1998-05-22</p>	<p style="text-align: center;">[21] <b>2,333,084</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23C 3/35</b> [25] EN [54] <b>KEY DUPLICATING MACHINE</b> [54] <b>MACHINE A TAILLER LES CLES</b> [72] MARKBREIT, DANI, IL [71] MUL-T-LOCK TECHNOLOGIES LTD., IL [85] 2000-11-21 [86] 1999-06-08 (PCT/IL99/00307) [87] 1999-12-16 (WO99/64196) [30] IL (124815) 1998-06-08</p>	

## PCT Applications Entering the National Phase

[21] **2,333,086**  
[13] A1

[51] **Int.Cl. 6A61K 31/46 6C07D 451/02 6C07D 401/04 6C07D 413/04 6C07D 471/18**

[25] EN

[54] **COCAINE RECEPTOR BINDING LIGANDS**

[54] **LIGANDS SE FIXANT SUR LES RECEPTEURS DE COCAINE**

[72] BOJA, JOHN W., US

[72] LEWIN, ANITA H., US

[72] KUCHAR, MICHAEL J., US

[72] CARROLL, FRANK I., US

[72] ABRAHAM, PHILIP, US

[71] RESEARCH TRIANGLE INSTITUTE, US

[85] 2000-11-21

[86] 1999-05-20 (PCT/US99/10456)

[87] 1999-12-02 (WO99/61023)

[30] US (09/083,043) 1998-05-22

[21] **2,333,088**  
[13] A1

[51] **Int.Cl. 7A01C 7/04**

[25] EN

[54] **A DISTRIBUTOR OF HORTICULTURAL SEEDS FOR A SOWING AGRICULTURAL IMPLEMENT**

[54] **DISTRIBUTEUR DE GRAINES HORTICOLES POUR OUTIL DE SEMIS**

[72] DE MORAIS, FABRICIO ROSA, BR

[71] JUSTINO DE MORAIS, IRMAOS S/A, BR

[85] 2000-11-21

[86] 2000-04-20 (PCT/BR00/00035)

[87] 2000-11-02 (WO00/64234)

[30] BR (PI 9903060-8) 1999-04-23

[21] **2,333,092**  
[13] A1

[51] **Int.Cl. 6E05F 5/06 6F16B 21/00**

[25] EN

[54] **AUTOMOTIVE DECK LID BUMPER**

[54] **PARE-CHOCS DE PORTE DE COFFRE ARRIERE D'AUTOMOBILE**

[72] ANTONUCCI, JEFFREY L., GB

[72] WEUTHEN, THOMAS J., DE

[71] SOUTHCO, INC., US

[85] 2000-11-20

[86] 1999-05-13 (PCT/US99/10610)

[87] 1999-12-02 (WO99/61740)

[30] US (09/082,994) 1998-05-22

[30] US (09/274,858) 1999-03-23

[21] **2,333,096**  
[13] A1

[51] **Int.Cl. 6F21S 3/10 6E01F 9/00 6F21S 3/14**

[25] EN

[54] **ILLUMINATION AND GUIDANCE SYSTEM FOR TRAFFIC AREAS**

[54] **SYSTEME D'ECLAIRAGE ET DE GUIDAGE POUR ZONES DE TRAFIC**

[72] WAHLIN, RAMON, SE

[71] VISUAL GUIDANCE SYSTEMS SCANDINAVIA AB, SE

[85] 2000-11-20

[86] 1999-05-20 (PCT/SE99/00863)

[87] 1999-12-09 (WO99/63265)

[30] SE (9801792-4) 1998-05-20

[21] **2,333,099**  
[13] A1

[51] **Int.Cl. 6A61B 17/04**

[25] EN

[54] **SUTURE CLINCH**

[54] **SYSTEME DE SUTURE PAR ACCROCHAGE**

[72] HART, CHARLES C., US

[72] HILAL, NABIL, US

[72] HILAL, SAID, US

[71] APPLIED MEDICAL RESOURCES CORPORATION, US

[85] 2000-11-20

[86] 1998-12-31 (PCT/US98/27870)

[87] 1999-11-25 (WO99/59476)

[30] US (09/082,495) 1998-05-21

[21] **2,333,103**  
[13] A1

[51] **Int.Cl. 6C07C 401/00**

[25] EN

[54] **METHOD OF LOCKING 1.ALPHA.-OH OF VITAMIN D COMPOUNDS IN AXIAL ORIENTATION**

[54] **PROCEDE DE BLOPAGE DE COMPOSES DE VITAMINE D 1.ALPHA.-OH DANS UN SENS AXIAL**

[72] DELUCA, HECTOR F., US

[72] SICINSKI, RAFAL R., PL

[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US

[85] 2000-11-20

[86] 1999-03-10 (PCT/US99/05204)

[87] 1999-11-25 (WO99/59966)

[30] US (09/082,776) 1998-05-21

[21] **2,333,104**  
[13] A1

[51] **Int.Cl. 6A61M 29/00**

[25] EN

[54] **DEVICE FOR INSERTING A FLEXIBLE INTRAOCULAR LENS**

[54] **DISPOSITIF D'IMPLANTATION D'UNE LENTILLE INTRAOCULAIRE SOUPLE**

[72] KANNER, LAUREN L., US

[72] STONE, BRADLEY S., US

[72] HEYMAN, THOMAS J., US

[71] BAUSCH & LOMB SURGICAL, INC., US

[85] 2000-11-20

[86] 1999-05-17 (PCT/US99/10787)

[87] 1999-11-25 (WO99/59668)

[30] US (09/081,130) 1998-05-19

[21] **2,333,110**  
[13] A1

[51] **Int.Cl. 6B42D 15/08**

[25] EN

[54] **PRESSURE SEALED FORMS**

[54] **FORMULAIRE SCELLE PAR PRESSION**

[72] GREENWAY, PETER, GB

[72] HARDY, PHILIP MILES, GB

[71] DAVIDSON, ALLAN FLEMING, GB

[85] 2000-11-21

[86] 1999-05-18 (PCT/GB99/01576)

[87] 1999-12-02 (WO99/61256)

[30] GB (9810941.6) 1998-05-22

[30] GB (9813517.1) 1998-06-24

[21] **2,333,117**  
[13] A1

[51] **Int.Cl. 6C09D 11/00 6C09D 13/00 6C09D 11/12**

[25] EN

[54] **CRAYONS CONTAINING ESTER WAXES**

[54] **CRAYONS CONTENANT DES CIRES D'ESTER**

[72] CRAIG, MICHAEL S., US

[71] BINNEY & SMITH INC., US

[85] 2000-11-20

[86] 1999-06-17 (PCT/US99/13617)

[87] 1999-12-23 (WO99/65997)

[30] US (09/098,989) 1998-06-17

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[21] **2,333,119**  
[13] A1

[51] **Int.Cl. 6G06F 9/44**  
[25] EN  
[54] **CHANGING FUNCTIONALITY OF A MODULE TERMINAL IN A WIRELESS NETWORK**  
[54] **MODIFICATION DE LA FONCTIONNALITE D'UN TERMINAL MOBILE DANS UN RESEAU RADIO**  
[72] HALL, HANS, SE  
[72] AQUILON, ADAM, SE  
[72] WILLEHADSON, STEFAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-11-21  
[86] 1999-05-26 (PCT/SE99/00892)  
[87] 1999-12-02 (WO99/61983)  
[30] SE (9801897-1) 1998-05-28

[21] **2,333,121**  
[13] A1

[51] **Int.Cl. 6A61B 17/04**  
[25] EN  
[54] **A TISSUE ANCHOR SYSTEM**  
[54] **SYSTEME DE FIXATION DES TISSUS**  
[72] WALSH, CHRISTOPHER J., US  
[71] WALSH, CHRISTOPHER J., US  
[85] 2000-11-20  
[86] 1999-05-21 (PCT/US99/11225)  
[87] 1999-11-25 (WO99/59477)  
[30] US (60/086,284) 1998-05-21

[21] **2,333,169**  
[13] A1

[51] **Int.Cl. 6B63B 1/10 6B63B 39/06 6B63B 1/24**  
[25] EN  
[54] **HIGH SPEED HYBRID MARINE VESSEL**  
[54] **BATEAU HYBRIDE ULTRA-RAPIDE**  
[72] ODEGARD, RUNE H., NO  
[71] ODEGARD, RUNE H., NO  
[85] 2000-11-21  
[86] 1999-05-28 (PCT/NO99/00167)  
[87] 1999-12-09 (WO99/62760)  
[30] NO (19982454) 1998-05-29  
[30] NO (19990113) 1999-01-12

[21] **2,333,171**  
[13] A1

[51] **Int.Cl. 6C07C 27/00**  
[25] EN  
[54] **FISCHER-TROPSCH PROCESSES AND CATALYSTS USING FLUORIDED SUPPORTS**  
[54] **PROCEDES ET CATALYSEURS FISCHER-TROPSCH UTILISANT DES SUPPORTS FLUORURES**  
[72] SUBRAMANIAN, MUNIRPALLAM A., US  
[72] HERRON, NORMAN, US  
[72] MANZER, LEO, US  
[71] CONOCO INC., US  
[85] 2000-11-21  
[86] 1999-05-20 (PCT/US99/11230)  
[87] 1999-12-02 (WO99/61400)  
[30] US (60/086,405) 1998-05-22  
[30] US (60/086,372) 1998-05-22  
[30] US (60/097,180) 1998-08-20

[21] **2,333,174**  
[13] A1

[51] **Int.Cl. 7G11B 20/00**  
[25] EN  
[54] **INFORMATION CARRIER, DEVICE FOR ENCODING, METHOD FOR ENCODING, DEVICE FOR DECODING AND METHOD FOR DECODING**  
[54] **SUPPORT D'INFORMATIONS, DISPOSITIFS ET TECHNIQUES DE CODAGE ET DE DECODAGE**  
[72] VAN DIJK, MARTEN E., NL  
[72] COENE, WILLEM M. J. M., NL  
[72] BAGGEN, CONSTANT P. M. J., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2000-11-21  
[86] 2000-03-07 (PCT/EP00/01958)  
[87] 2000-09-28 (WO00/57416)  
[30] EP (99200873.0) 1999-03-23

[21] **2,333,175**  
[13] A1

[51] **Int.Cl. 6A61B 19/00**  
[25] EN  
[54] **IMPROVED METHODS AND APPARATUS FOR MULTI-PHOTON PHOTO-ACTIVATION OF THERAPEUTIC AGENTS**  
[54] **AMELIORATIONS APORTEES A UN APPAREIL ET AUX TECHNIQUES AFFERENTES PERMETTANT UNE ACTIVATION MULTIPHOTONIQUE D'AGENTS THERAPEUTIQUES**  
[72] WACHTER, ERIC A., US  
[72] SMOLIK, JOHN T., US  
[72] FISHER, WALTER G., US  
[71] PHOTOGEN, INC., US  
[85] 2000-11-20  
[86] 1999-05-28 (PCT/US99/12056)  
[87] 1999-12-16 (WO99/63900)  
[30] US (09/096,832) 1998-06-12

[21] **2,333,177**  
[13] A1

[51] **Int.Cl. 6E21D 21/00 6B21J 5/12 6B21K 1/44 6B21K 1/54**  
[25] EN  
[54] **ROCK BOLT AND METHOD OF FORMING A ROCK BOLT**  
[54] **BOULON D'ANCRAGE ET SON PROCEDE DE FABRICATION**  
[72] FERGUSSON, JEFFREY ROBERT, AU  
[71] INDUSTRIAL ROLLFORMERS PTY, LIMITED, AU  
[85] 2000-11-21  
[86] 1999-05-21 (PCT/AU99/00392)  
[87] 1999-12-02 (WO99/61749)  
[30] AU (PP 3675) 1998-05-22

[21] **2,333,181**  
[13] A1

[51] **Int.Cl. 6B60C 23/00 6B60C 23/04**  
[25] EN  
[54] **DEVICE CAPABLE OF SIGNALLING THE INFLATING CONDITION IN THE TIRES**  
[54] **DISPOSITIF PERMETTANT DE SIGNALER L'ETAT DE GONFLAGE DES PNEUS**  
[72] BARBANTI, GIOVANNI, IT  
[71] BARBANTI, GIOVANNI, IT  
[85] 2000-11-21  
[86] 1999-05-25 (PCT/EP99/03613)  
[87] 1999-12-02 (WO99/61264)  
[30] EP (98109696.9) 1998-05-28



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,333,184</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 5/00</b> [25] EN [54] <b>METHODS FOR CLASSIFICATION OF SOMATIC EMBRYOS</b> [54] <b>METHODE DE CLASSIFICATION D'EMBRYONS SOMATIQUES</b> [72] GROB, JAMES A., US [72] CARLSON, WILLIAM C., US [72] TIMMIS, ROGER, US [72] GHERMAY, TIMNIT, US [72] TOLAND, MITCHELL R., US [71] WEYERHAEUSER COMPANY, US [85] 2000-11-21 [86] 1999-06-01 (PCT/US99/12128) [87] 1999-12-09 (WO99/63057) [30] US (60/087,524) 1998-06-01</p>	<p style="text-align: right;">[21] <b>2,333,191</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/28 6H04L 12/56</b> [25] EN [54] <b>LOGICAL MULTICASTING METHOD AND APPARATUS</b> [54] <b>PROCEDE ET APPAREIL DE MULTIDIFFUSION LOGIQUE</b> [72] GOSS, GREGORY S., US [72] HEBB, ANDREW T., US [71] ASCEND COMMUNICATIONS, INC., US [85] 2000-11-21 [86] 1999-06-16 (PCT/US99/13681) [87] 1999-12-23 (WO99/66674) [30] US (09/100,584) 1998-06-19</p>	<p style="text-align: right;">[21] <b>2,333,259</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 19/00 6C01B 17/00 6C01B 33/00 6C11D 9/00 6D02G 3/00 6C11D 9/02 6C11D 9/04 6H01B 1/06 6C01B 33/12 6C01B 15/14 6B32B 5/16</b> [25] EN [54] <b>SILICON OXIDE PARTICLES</b> [54] <b>PARTICULES D'OXYDE DE SILICIUM</b> [72] KUMAR, SUJEET, US [72] BI, XIANGXIN, US [72] KAMBE, NOBUYUKI, US [71] NANOGRAM CORPORATION, US [85] 2000-11-22 [86] 1999-05-20 (PCT/US99/11257) [87] 1999-12-02 (WO99/61244) [30] US (09/085,514) 1998-05-27</p>
<p style="text-align: right;">[21] <b>2,333,187</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41M 3/00</b> [25] EN [54] <b>MARKING SYSTEM</b> [54] <b>SYSTEME DE MARQUEURS</b> [72] KAISER, RICHARD J., US [72] URBANSKI, ARTHUR N., US [71] BINNEY &amp; SMITH INC., US [85] 2000-11-20 [86] 1999-05-20 (PCT/US99/11207) [87] 2000-01-13 (WO00/01533) [30] US (09/108,526) 1998-07-01</p>	<p style="text-align: right;">[21] <b>2,333,258</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 13/02</b> [25] EN [54] <b>DEVICE AND METHOD FOR GENERATING AND DISTRIBUTING CODED SYMBOLS IN CDMA COMMUNICATION SYSTEM</b> [54] <b>DISPOSITIF ET PROCEDE POUR LA GENERATION ET LA REPARTITION DE SYMBOLES CODES DANS UN SYSTEME DE COMMUNICATION AMCR</b> [72] YANG, KYEONG CHEOL, KR [72] NO, JONG SEON, KR [72] KONG, JUN JIN, KR [72] KIM, JAE YOEL, KR [72] KANG, HEE WON, KR [72] PARK, CHANG SOO, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2000-11-22 [86] 1999-05-31 (PCT/KR99/00267) [87] 1999-12-09 (WO99/63692) [30] KR (1998/20141) 1998-05-30</p>	<p style="text-align: right;">[21] <b>2,333,260</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 69/28</b> [25] EN [54] <b>CONTINUOUS POLYAMIDATION PROCESS</b> [54] <b>PROCEDE DE POLYAMIDATION EN CONTINU</b> [72] COOK, STEVEN W., US [72] BUSH, GREGORY E., US [72] SCHWIER, CHRIS E., US [72] LEMBCKE, ROBERT M., US [71] SOLUTIA, INC., US [85] 2000-11-22 [86] 1999-05-26 (PCT/US99/11661) [87] 1999-12-02 (WO99/61511) [30] US (60/087,316) 1998-05-29</p>
<p style="text-align: right;">[21] <b>2,333,189</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29D 30/52 6B29C 43/24 6B29C 43/26</b> [25] EN [54] <b>A METHOD AND APPARATUS FOR FORMING TIRE COMPONENTS</b> [54] <b>PROCEDE ET APPAREIL DE MISE EN FORME DE COMPOSANTS POUR PNEUMATIQUES</b> [72] BENZING, JAMES ALFRED II, US [72] VANNAN, FREDERICK FORBES, US [72] HEAD, WILLIAM JAMES, US [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 2000-11-20 [86] 1998-05-22 (PCT/US98/10396) [87] 1999-12-02 (WO99/61230)</p>	<p style="text-align: right;">[21] <b>2,333,262</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08B 37/16</b> [25] EN [54] <b>REGION-SELECTIVE METHOD FOR PREPARING CYCLODEXTRIN C-6 MONOSULFONYL DERIVATIVES</b> [54] <b>PROCEDE DE PREPARATION REGIOSELECTIF DE DERIVES MONOSULFONYLES EN C-6 DES CYCLODEXTRINES</b> [72] EVRARD, NICOLAS, FR [72] CROUZY, SERGE, FR [72] LAW, HO, FR [72] DEFAYE, JACQUES, FR [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR [85] 2000-11-22 [86] 1999-05-25 (PCT/FR99/01217) [87] 1999-12-02 (WO99/61483) [30] FR (98/06605) 1998-05-26</p>	

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[21] **2,333,408**

[13] A1

[51] **Int.Cl. 6C07C 229/28 6C07C 211/35**

[25] EN

[54] **NON-HYDRATED GABAPENTINE  
POLYMORPH, PRODUCTION  
PROCESS AND UTILIZATION FOR  
PRODUCING PHARMACEUTICAL  
GRADE GABAPENTINE**

[54] **POLYMORPHE DE GABAPENTINE  
NON HYDRATEE, SON PROCEDE  
D'OBTENTION ET SON UTILISATION  
POUR L'OBTENTION DE  
GABAPENTINE A USAGE  
PHARMACEUTIQUE**

[72] MOLINS GRAU, ELIAS, ES

[72] GARCIA CRUZ, RAFAEL, ES

[72] BOSCH LLADO, JORDI, ES

[72] ONRUBIA MIGUEL, MARIA DEL  
CARMEN, ES

[71] MEDICHEM, S.A., ES

[85] 2000-11-24

[86] 1999-05-10 (PCT/ES99/00127)

[87] 1999-12-02 (WO99/61408)

[30] ES (P 9801078) 1998-05-25

## **PCT Applications Entering the National Phase**

## Canadian Divisional and Previously Unavailable Laid-Open applications

### Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[21] **2,316,500**  
[13] A1  
[51] **Int.Cl. 7G06K 19/06 7G11C 7/00**  
**7G07F 19/00 7G11C 7/10**  
[25] EN  
[54] **DIGITAL DATA STORAGE APPARATUS**  
[54] **DISPOSITIF DE STOCKAGE DE DONNEES NUMERIQUES**  
[72] PAPADOPOULOS, DESPINA, US  
[72] MACKAY, ROBIN, GB  
[71] NCR CORPORATION, US  
[22] 2000-08-17  
[43] 2001-02-19  
[30] GB (9919706.3) 1999-08-19

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[21] **2,316,501**  
[13] A1  
[51] **Int.Cl. 7G06K 19/06 7G11C 7/00**  
**7G07F 19/00**  
[25] EN  
[54] **DIGITAL DATA STORAGE APPARATUS**  
[54] **DISPOSITIF DE STOCKAGE DE DONNEES NUMERIQUES**  
[72] MACKAY, ROBIN, GB  
[72] PAPADOPOULOS, DESPINA, US  
[71] NCR CORPORATION, US  
[22] 2000-08-17  
[43] 2001-02-19  
[30] GB (9919704.8) 1999-08-19

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[21] **2,317,244**  
[13] A1  
[51] **Int.Cl. 7G06N 5/00 7G06F 17/30**  
**7G06F 17/60**  
[25] EN  
[54] **EXPERT SYSTEM**  
[54] **SYSTEME EXPERT**  
[72] NAKISA, RAMIN C., GB  
[71] NCR CORPORATION, US  
[22] 2000-08-31  
[43] 2001-03-01  
[30] GB (9920663.3) 1999-09-01

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[21] **2,317,245**  
[13] A1  
[51] **Int.Cl. 7G06N 5/00 7G06F 17/30**  
**7G06F 17/60**  
[25] EN  
[54] **EXPERT SYSTEM**  
[54] **SYSTEME EXPERT**  
[72] NAKISA, RAMIN C., GB  
[72] MACKAY, ROBIN, GB  
[71] NCR CORPORATION, US  
[22] 2000-08-31  
[43] 2001-03-01  
[30] GB (9920662.5) 1999-09-01

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[21] **2,317,247**  
[13] A1  
[51] **Int.Cl. 7G06N 5/00 7G06F 17/30**  
**7G06F 17/60**  
[25] EN  
[54] **EXPERT SYSTEM**  
[54] **SYSTEME EXPERT**  
[72] MACKAY, ROBIN, GB  
[72] NAKISA, RAMIN C., GB  
[71] NCR CORPORATION, US  
[22] 2000-08-31  
[43] 2001-03-01  
[30] GB (9920661.7) 1999-09-01

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[21] **2,329,493**  
[13] A1  
[51] **Int.Cl. 7B29C 47/88 7C08J 5/00**  
**7C08L 31/04 7C08L 23/06 7A63C 19/10**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CREATING AND MAINTAINING A FROZEN SURFACE**  
[54] **METHODE ET SYSTEME SERVANT A PRODUIRE UNE SURFACE GLACEE ET A LA MAINTENIR DANS CET ETAT**  
[72] STILLWELL, ROBERT, US  
[72] RZECHULA, MICHAEL, US  
[71] INNOVATIVE CONCEPTS ENTERPRISES, US  
[22] 1997-09-24  
[43] 1998-03-27  
[62] 2,216,341  
[30] US (08/722,489) 1996-09-27

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[21] **2,330,258**  
[13] A1  
[51] **Int.Cl. 7B67C 3/26**  
[25] EN  
[54] **REFILL HEAD**  
[54] **TETE DE REMPLISSAGE**  
[72] DUCHON, BRENT, US  
[72] MCKINNON, RAYMOND, US  
[72] ZIMMERMAN, CAREY W., US  
[72] GREANEY, MICHAEL J., US  
[72] BOTICKI, JOHN A., US  
[72] SEAMAN, CHARLES E., JR., US  
[72] CAMERON, A. ROSS, AU  
[72] HELF, THOMAS A., US  
[71] S. C. JOHNSON COMMERCIAL MARKETS, INC., US  
[22] 1997-01-17  
[43] 1997-07-24  
[62] 2,230,014  
[30] US (08/588,802) 1996-01-19  
[30] US (08/668,051) 1996-06-14

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[21] **2,330,419**  
[13] A1  
[51] **Int.Cl. 7A61F 2/24**  
[25] EN  
[54] **SELECTIVELY FLEXIBLE ANNULOPLASTY RING**  
[54] **ANNEAU D'ANNULOPLASTIE SELECTIVEMENT SOUPLE**  
[72] CARPENTIER, ALAIN, FR  
[72] NGUYEN, THAN, US  
[72] LAM, HUNG L., US  
[71] BAXTER INTERNATIONAL INC., US  
[22] 1990-02-01  
[43] 1990-08-14  
[62] 2,049,971  
[30] US (310,424) 1989-02-13

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<p style="text-align: right;">[21] <b>2,330,446</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60N 2/20</b> [25] FR [54] <b>MECANISME D'ARTICULATION POUR SIEGE DE VEHICULE ET SIEGE EQUIPE D'UN TEL MECANISME</b> [54] <b>VEHICLE SEAT POSITION ADJUSTMENT MECHANISM AND SEAT EQUIPPED WITH SUCH A MECHANISM</b> [72] ROHEE, RENE, FR [72] CILLIERRE, FRANCOIS, FR [71] FAURECIA SIEGES D'AUTOMOBILES S.A., FR [22] 2000-02-14 [43] 2000-08-25 [62] 2,298,342 [30] FR (FR 99/02349) 1999-02-25</p>	<p style="text-align: right;">[21] <b>2,330,649</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 11/04</b> [25] EN [54] <b>APPARATUS, SYSTEM AND METHOD FOR MEASURING VOLUMETRIC FLOW OF BLOOD IN A VESSEL</b> [54] <b>PROCEDE DE JOINTOIEMENT POUR UN FIL GUIDE MEDICALE</b> [72] WILLIAMS, RONALD G., US [72] HAASE, WAYNE C., US [71] SEGAL, JEROME, US [72] CORL, PAUL DOUGLAS, US [72] CHRISTIAN, JEFFREY JACK, US [71] CARDIOMETRICS, INC., US [22] 1990-09-21 [43] 1991-03-23 [62] 2,025,949 [30] US (411,339) 1989-09-22</p>	<p style="text-align: right;">[21] <b>2,331,570</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01H 5/00 7A01H 5/10</b> [25] EN [54] <b>ENDO-1, 4-BETA.-GLUCANASE GENES AND THEIR USE IN PLANTS</b> [54] <b>GENES D'ENDO-1,4-BETA.-GLUCANASE ET UTILISATION DE CES DERNIERS DANS DES PLANTES</b> [72] BENNETT, ALAN B., US [72] GIOVANNONI, JAMES, US [72] LASHBROOK, CORALIE, US [72] FISCHER, ROBERT L., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [22] 1995-07-07 [43] 1996-01-25 [62] 2,194,388 [30] US (08/271,883) 1994-07-07</p>
<p style="text-align: right;">[21] <b>2,330,493</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16K 35/00 7F15B 13/01 7F16K 35/14</b> [25] EN [54] <b>CROSSFLOW WITH CROSSMIRROR AND LOCK OUT CAPABILITY VALVE</b> [54] <b>SYSTEME DE COMMANDE A SOUPAPES PARALLELES INTERCONNECTEES A EFFET MIROIR POUR LE VERROUILLAGE AUTOMATIQUE EN POSITION DESACTIVEE</b> [72] MATHIS, LOGAN H., US [72] WOLFE, C. BRIAN, US [72] RUSSELL, NEIL E., US [71] ROSS OPERATING VALVE COMPANY, US [22] 1997-11-12 [43] 1998-06-16 [62] 2,220,919 [30] US (770,878) 1996-12-20 [30] US (60/033,016) 1996-12-16</p>	<p style="text-align: right;">[21] <b>2,331,203</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 27/38 7H04N 7/015 7H04N 5/455 7H04N 5/46</b> [25] EN [54] <b>COMMUNICATION SYSTEM</b> [54] <b>SYSTEME DE COMMUNICATION</b> [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</p>	<p style="text-align: right;">[21] <b>2,331,602</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 10/00 7H01M 2/00</b> [25] EN [54] <b>METHOD OF MANUFACTURING A POSITIVE ROLE ACTIVATING MATERIAL OF A SECONDARY BATTERY</b> [54] <b>PROCEDE DE FABRICATION D'ACTIVATION D'UNE SUBSTANCE A ROLE POSITIF D'UNE BATTERIE SECONDAIRE</b> [72] KOBAYASHI, NAOYA, JP [72] KAWAKAMI, SOICHIRO, JP [72] MISHINA, SHINYA, JP [71] CANON KABUSHIKI KAISHA, JP [22] 1993-11-26 [43] 1994-05-31 [62] 2,110,097 [30] JP (4-320557) 1992-11-30 [30] JP (4-320558) 1992-11-30 [30] JP (4-320559) 1992-11-30 [30] JP (4-320560) 1992-11-30 [30] JP (4-344563) 1992-12-24 [30] JP (5-078342) 1993-04-05</p>
<p style="text-align: right;">[21] <b>2,331,239</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 16/18 7C07K 16/22</b> [25] EN [54] <b>STRUCTURE, PRODUCTION AND USE OF HEREGULIN</b> [54] <b>STRUCTURE, FABRICATION ET UTILISATION DE L'HEREGULINE</b> [72] VANDLEN, RICHARD L., US [72] HOLMES, WILLIAM E., US [71] GENENTECH, INC., US [22] 1992-05-21 [43] 1992-11-25 [62] 2,108,473 [30] US (705,256) 1991-05-24 [30] US (765,212) 1991-09-25 [30] US (790,801) 1991-11-08 [30] US (847,743) 1992-03-06 [30] US (880,917) 1992-05-11</p>		

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

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[21] **2,331,611**  
[13] A1

[51] **Int.Cl. 7G10L 19/12**  
[25] EN  
[54] **MULTI-CHANNEL PREDICTIVE SUBBAND CODER USING PSYCHOACOUSTIC ADAPTIVE BIT ALLOCATION**  
[54] **CODEUR PREDICTIF EN SOUS-BANDE MULTIVOIE A ATTRIBUTION PSYCHO-ACOUSTIQUE ADAPTATIVE DES BITS**  
[72] SMITH, WILLIAM P., US  
[72] SMYTH, STEPHEN M., US  
[72] SMYTH, MICHAEL H., GB  
[71] DIGITAL THEATER SYSTEMS, INC., US  
[22] 1996-11-21  
[43] 1997-06-12  
[62] 2,238,026  
[30] US (60/007,896) 1995-12-01  
[30] US (08/642,254) 1996-05-02

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[21] **2,331,936**  
[13] A1

[51] **Int.Cl. 7C12N 15/52 7C12N 9/00 7C11D 3/386 7C12N 9/50**  
[25] EN  
[54] **PROTEINS WITH CHANGED EPITOPES AND METHODS FOR THE PRODUCTION THEREOF**  
[54] **PROTEINES A MUTATION D'EPITOPES; PROCEDE DE FABRICATION**  
[72] LOVBORG, UFFE, DK  
[71] NOVOZYMES A/S, DK  
[22] 1991-12-05  
[43] 1992-06-06  
[62] 2,095,852  
[30] EP (90610072.2) 1990-12-05

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[21] **2,332,183**  
[13] A1

[51] **Int.Cl. 7C12N 5/12 7A61P 35/00 7A61K 38/18 7C07K 16/28 7C07K 16/30 7A61K 39/395 7C07K 14/71**  
[25] EN  
[54] **HUMANIZED AND CHIMERIC MONOCLONAL ANTIBODIES THAT RECOGNIZE EPIDERMAL GROWTH FACTOR RECEPTOR (EGF-R); DIAGNOSTIC AND THERAPEUTIC USE**  
[54] **ANTICORPS MONOCLONAUX, HUMANISES ET CHIMERIQUES, QUI RECONNAISSENT LE RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE; APPLICATIONS DIAGNOSTIQUES ET THERAPEUTIQUES**  
[72] RODRIGUEZ, ROLAND PEREZ, CU  
[72] FRIAS, ERNESTO MORENO, CU  
[72] DE ACOSTA DEL RIO, CHRISTINA MARIA MATEO, CU  
[71] CENTRO DE INMUNOLOGIA MOLECULAR, CU  
[22] 1995-11-17  
[43] 1996-05-19  
[62] 2,163,151  
[30] CU (128/94) 1994-11-18

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[21] **2,332,184**  
[13] A1

[51] **Int.Cl. 7A61K 7/48 7A61K 7/04 7A61K 31/164**  
[25] FR  
[54] **PROCEDE POUR ABAISSER LE POINT DE FUSION DES CERAMIDES DE TYPE III SOUS FORME D'UN SEUL STEREOISOMERE**  
[54] **PROCESS TO LOWER THE FUSION POINT OF TYPE III CERAMIDES INTO A SINGLE STEREOISOMERIC**  
[72] CANDAU, DIDIER, FR  
[72] KHAYAT, CARINE, FR  
[72] AGNUS-ANCILOTTI, DOMINIQUE, FR  
[72] NADAUD, JEAN-FRANCOIS, FR  
[71] L'OREAL, FR  
[22] 1995-12-13  
[43] 1996-06-15  
[62] 2,165,118  
[30] FR (94 15 074) 1994-12-14

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[21] **2,332,188**  
[13] A1

[51] **Int.Cl. 7C07D 213/64 7C07F 7/10**  
[25] EN  
[54] **5-(1-AMINOCYCLOHEXYL)-2(1H)-PYRIDINONE AND RELATED COMPOUNDS**  
[54] **5-(1-AMINOCYCLOHEXYL)-2(1H)-PYRIDINONE ET COMPOSES APPARENTES**  
[72] EFFLAND, RICHARD CHARLES, US  
[72] FINK, DAVID MARC, US  
[71] HOECHST MARION ROUSSEL, INC., US  
[22] 1990-08-16  
[43] 1991-02-17  
[62] 2,063,594  
[30] US (07/394,448) 1989-08-16

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		HAUPTVOGEL, KARL-PETER	2,317,857	ISHII, NAOTO	2,317,882
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ITOU, TAKAHIRO	2,317,911	KVAERNER PULPING OY	2,317,873	MATHIAPARANAM, PONNAMPALAM	2,295,197
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JACOBS, KENNETH	2,317,624	LANGDON, JOANNE MARIE	2,317,799	MCKAY, JAMES JOSEPH III	2,317,161
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JAFFE, JOEL R.	2,315,506	LANTZ, KENNETH F.	2,317,859	MCNALLY, GERARD P.	2,317,793
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KAMIJI, KOICHI	2,317,882	LOEFFLER, MANFRED ALOIS	2,317,622	MINNICH, EDWARD	2,317,857
KANTCHEV, JORDAN	2,283,605	L'OREAL	2,317,930	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,317,681
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KEOWN, PAUL A.	2,308,049	LOUCENT TECHNOLOGIES INC.	2,317,200	MORIWAKI, MASAHUMI	2,317,681
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KESSLER, THOMAS	2,316,060	LOUCENT TECHNOLOGIES INC.	2,317,217	MULLER, ROLAND	2,316,497
KEUL, HELMUT	2,317,321	LOUCENT TECHNOLOGIES INC.	2,317,359	MURASHIMA, ATSUSHI	2,317,969
KEUL, HELMUT	2,317,323	LOUCENT TECHNOLOGIES INC.	2,317,360	MURATA, HIROSHIGE	2,299,225
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