

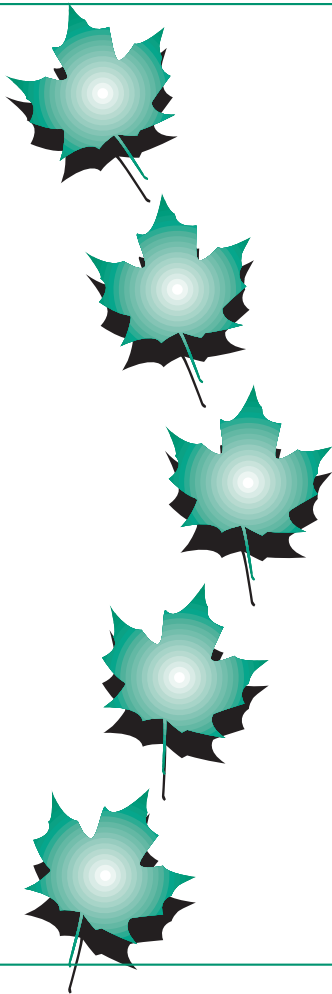


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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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Veillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) a cessé de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

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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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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

2. Country Codes

A complete list of country codes has been published in the April 25, 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 25 avril 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:

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

6. Orders for Patents By Class or Sub-Class

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

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

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Courriel: tic@micromedia.on.ca

B) Copies en microforme

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

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

- 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).
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Avis

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E-mail: tic@micromedia.on.ca

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 :

| | | |
|-----------|-----------|-----------|
| 2,148,343 | 2,150,744 | 2,194,022 |
| 2,205,786 | 2,211,987 | 2,225,973 |
| 2,241,861 | 2,248,369 | |

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. 1,151,800 which issued on August 8, 1983 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

| | | |
|-----------|-----------|-----------|
| 2,148,343 | 2,150,744 | 2,194,022 |
| 2,205,786 | 2,211,987 | 2,225,973 |
| 2,241,861 | 2,248,369 | |

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 8 août 1983 sont maintenant expirés, jusque et y compris le no. 1,151,800. 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 JUNE 01, 2000**

**BARÈME DE TAXES À PARTIR DU
1 JUIN 2000**

| FEES | AMOUNTS |
|--|----------------|
| | \$ |
| 1. Transmittal Fee: (Rule 14) | 200.00 |
| 2*. Basic Fee: (Rule 15.2(a)) | 630.00 |
| Amount for each additional sheet over 30 | 15.00 |
| 3. Designation Fee: (Rule 15.2(a)) | 136.00 |
| The maximum that can be charged for the Designation Fee is \$1,088.00; therefore, if more than 8 countries are designated the fee remains \$1,088.00 | |

4. International Search Fee 1,353.00
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 \$194.00 for all applications filed using PCT-Easy.

| TAXES | MONTANTS |
|---|-----------------|
| | \$ |
| 1. Taxe de transmission: (Règle 14) | 200,00 |
| 2*. Taxe de base: (Règle 15.2(a)) | 630,00 |
| Montant pour chaque feuille au delà de 30 | 15,00 |
| 3. Taxe de désignation (par pays) (Règle 15.2(a)) | 136,00 |
| Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 8 pays sont désignés, la taxe demeure 1 088,00 \$. | |

4. Taxe de recherche internationale 1 353,00
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 197,00 \$ 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 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 ou visiter leur site web à <http://www.wipo.int>.

16. 1999 Annual Index

In an effort to control costs and in compliance with Industry Canada's government on-line objectives, please be advised that CIPO will no longer be producing paper copies of the Annual Index, previously sent to subscribers of the Canadian Patent Office Record. While in the past inventor, applicant and owner names were listed in the index, this information is now searchable using the Canadian Patent Database on the internet, and is not available in the current index. The electronic Annual Index for 1999 contains application numbers listed by type and the date of publication in the Canadian Patent Office Record. Please visit our website at cipo.gc.ca under "What's New" and give us your comments and suggestions.

For further discussion, you may contact

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17. Erratum

Reference to the following issued patent in the Canadian Patent Office Record of July 18, 2000 was in error; the country of origin for the inventors and grantee is the Federal Republic of Germany and not Canada, and should have read as follows:

[11] **2,082,836**
[13] C

[51] Int.Cl. 5C21C 5/46 5F27D 3/15

[25] EN

[54] **PROCESS AND DEVICE TO AVOID CONTAMINATION OF TAPPING STEEL BY FLUSH SLAG WITH A TILTABLE CONVERTER**

[54] **METHODE ET DISPOSITIF PERMETTANT DE PIQUER L'ACIER SANS LE CONTAMINER AVEC DU LAITIER DE VIDANGE**

[72] Stilkerieg, Berthold, DE

[72] Breier, Friedhelm, DE

[73] Cone-Plast Engineering Inc., DE

[22] 1992-11-13

[30] DE (P 42 11 593.0) 1992-04-07

16. Index annuel 1999

Dans le but de contrôler les coûts d'opération, et en conformité avec les objectifs de commerce électronique d'Industrie Canada, veuillez prendre note que l'Office de la propriété intellectuelle du Canada (OPIC) ne publiera plus d'exemplaires papier de l'Index annuel de la Gazette du Bureau des brevets (Gazette). Puisque les noms des inventeurs, demandeurs et propriétaires sont disponibles par les recherches sur la base de données des brevets canadiens sur notre site web, ils ne seront plus publiés dans l'index. La version électronique de l'Index annuel de 1999 contient les numéros de demandes ainsi que la date de publication dans la Gazette, le tout présenté par type de document. Nous vous invitons à visiter notre site web sous "Quoi de neuf" et nous soumettre vos commentaires et suggestions.

Pour de plus amples renseignements, veuillez contacter

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17. Erratum

Certains renseignements fournis sous le brevet suivant, dans la Gazette du bureau des brevets du 18 juillet 2000, étaient erronés: le pays d'origine des inventeurs et du titulaire est la République fédérale d'Allemagne et non le Canada.

[11] **2,082,836**
[13] C

[51] Int.Cl. 5C21C 5/46 5F27D 3/15

[25] EN

[54] **PROCESS AND DEVICE TO AVOID CONTAMINATION OF TAPPING STEEL BY FLUSH SLAG WITH A TILTABLE CONVERTER**

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[72] Breier, Friedhelm, DE

[73] Cone-Plast Engineering Inc., DE

[22] 1992-11-13

[30] DE (P 42 11 593.0) 1992-04-07

Notices

18. Erratum

Information contained in Notice 11 in the Canadian Patent Office Record of August 1, 2000 was in error, and should have read as follows:

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. 1,151,350 which issued on August 1, 1983 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.

19. Laid-Open Applications

The Patent Office Record of August 8, 2000 contains laid-open applications from July 16, 2000 - July 22, 2000 .

18. Erratum

Les renseignements fournis sous l'avis 11, dans la Gazette du bureau des brevets du 1er août 2000, étaient erronés. L'avis aurait dû être comme suit:

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 1er août 1983 sont maintenant expirés, jusque et y compris le no. 1,151,350. 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.

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 16 juillet 2000 - 22 juillet 2000.

Avis

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[51] **Int.Cl. 6C12N 15/12 6C12N 15/70**
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6C07K 14/47
[25] EN
[54] **VECTORS AND METHODS FOR**
EXPRESSION OF HUMAN PROTEIN C
ACTIVITY
[54] **VECTEURS ET METHODES**
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[72] BANG, NILS ULRIK., US
[72] BECKMANN, ROBERT JOHN, US
[72] JASKUNAS, STANLEY RICHARD
JR., US
[72] LAI, MEI-HUEI TSAI., US
[72] LITTLE, SHEILA PARKS., US
[72] LONG, GEORGE LOUIS., US
[72] SANTERRE, ROBERT FRANK., US
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[13] C
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[54] **HBV SURFACE ANTIGEN**
PARTICLES, PREPARED BY
RECOMBINANT DNA PROCESSES,
COMPOSED OF DIFFERENT
EPITOPES, SELECTED FROM THE
PRE-S-AND S-PEPTIDES AS A NEW
VACCINE
[54] **PARTICULES D'ANTIGENE DE**
SURFACE DE L'HEPATITE VIRALE B
UTILISEES COMME NOUVEAU
VACCIN, PREPAREES PAR PROCEDES
D'ADN RECOMBINANT, COMPOSEES
DE DIFFERENTS EPITOPES ET
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[73] MEDEVA HOLDINGS BV., NL
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[22] 1988-06-22
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[72] GOOS, HENDRICUS CORNELIS, NL
[72] OVERBEEK, GERARDUS
CORNELIS., NL
[73] ZENECA RESINS B.V., NL
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[52] 167-37 150-8
[51] **Int.Cl. 6G01N 33/53 6G01N 33/537**
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[25] EN
[54] **METHODS AND DEVICES FOR**
CONDUCTING ASSAYS
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DESTINES A DES ESSAIS
[72] HARGREAVES, WILLIAM R., US
[73] BOEHRINGER MANNHEIM
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[51] **Int.Cl. 6C12Q 1/68 6C12Q 1/70**
6G01N 33/566 6C09B 11/04 6C09B 23/02
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[54] **LUMINIDE AND**
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PHARMACEUTICALS
[54] **COMPOSITIONS**
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[72] MILLS, RANDELL L., US
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[54] **COMPOSITIONS AND METHODS FOR REPAIRS OF CARTILAGE AND BONE**
[54] **COMPOSITIONS ET PROCEDES DESTINES A LA REGENERATION DES OS ET CARTILAGES**
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[72] MEAD, DENNIS E., US
[73] APPLIED BIOSYSTEMS, INC., US
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[54] **LIPOPROTEINE AYANT UNE ACTIVITE BIOLOGIQUE ET SON APPLICATION**
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[72] Jörnvall, Hans, SE
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[51] **Int.Cl. 6C12N 9/88 6C12N 15/09 6C07K 16/40 6C12P 21/08 6C12Q 1/04 6C12Q 1/527**
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[54] **LARGE SCALE METHOD FOR PURIFICATION OF HIGH PURITY HEPARINASE.**
[54] **PROCEDE DE PURIFICATION A GRANDE ECHELLE DE L'HEPARINASE.**
[72] ZIMMERMAN, JOSEPH J., US
[72] COONEY, CHARLES L., US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[21] **601,943**
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[30] US (203,235) 1988-06-06

[11] **1,341,082**
[13] C

[52] 195-1.111 150-15 167-37 167-129 167-139
[51] **Int.Cl. 6C12N 5/10 6C12N 15/02 6C07K 16/30 6C12P 21/08 6A61K 39/395 6G01N 33/574**
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[54] **METHOD OF TREATING TUMOR CELLS BY INHIBITING GROWTH FACTOR RECEPTOR FUNCTION**
[54] **PROCEDE DE TRAITEMENT DE TUMEURS PAR INHIBITION FONCTIONNELLE DU RECEPTEUR DU FACTEUR DE CROISSANCE CELLULAIRE**
[72] HUDZIAK, ROBERT M., US
[72] SHEPARD, MICHAEL (H.), US
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[73] GENENTECH, INC., US
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[11] **2,001,381**
[13] C

[51] **Int.Cl. 5C10M 105/58**
[25] EN
[54] **AMIDE CONTAINING FRICTION MODIFIER FOR USE IN POWER TRANSMISSION FLUIDS**
[54] **MODIFICATEUR DE FROTTEMENT A TENEUR D'AMIDE, EMPLOYE DANS LES FLUIDES DE TRANSMISSION DE COUPLE**
[72] Chandler, John E., US
[72] Gutierrez, Antonio, US
[72] Ryer, Jack, US
[72] Lundberg, Robert D., US
[72] Yoneto, Yasuhiko, JP
[72] Bloch, Ricardo A., US
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[73] EXXON CHEMICAL PATENTS INC., US
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[30] US (261,640) 1988-10-24

[11] **1,341,080**
[13] C

[52] 167-324
[51] **Int.Cl. 6A61L 27/00 6A61L 31/00**
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[54] **PLYMERIC BIOMATERIAL FILMS**
[54] **FILMS CONSTITUES DE BIOMATERIAUX POLYMERIQUES**
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[72] VAINIONPAA, SEPPO., FI
[73] BIOCON OY., FI
[21] **603,535**
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[30] FI (883197) 1988-07-07

[11] **2,000,573**
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[51] **Int.Cl. 5B01D 53/14**
[25] EN
[54] **REMOVING HYDROGEN SULPHIDE FROM A GAS MIXTURE**
[54] **PROCEDE D'EXTRACTION D'HYDROGENE SULFURE D'UN MELANGE GAZEUX**
[72] Van Lith, Walterus Jacobus, NL
[72] Van Baar, Johannes Franciscus, NL
[73] SHELL CANADA LIMITED, CA
[22] 1989-10-12
[30] GB (8824943) 1988-10-25

[11] **2,001,701**
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[51] **Int.Cl. 5B67D 3/00**
[25] FR
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[54] **PROCESS AND FACILITY FOR THE CONSERVATION AND/OR DISTRIBUTION OF A PRODUCT IN LIQUID OR PASTE FORM**
[72] Herpe, Michel, FR
[73] BONGRAIN S.A., FR
[22] 1989-10-27
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[51] **Int.Cl. 6C07K 17/02 5A61K 39/00 6A61K 38/17 6C07K 14/47 5G01N 33/566**
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[54] **NEOGLYCOPROTEINS, THE PREPARATION AND USE THEREOF**
[54] **NEOGLYCOPROTEINES, PREPARATION ET UTILISATION**
[72] Wiegand, Herbert, DE
[72] Bosslet, Silke, DE
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[72] Sedlacek, Hans H., DE
[73] BEHRINGWERKE AKTIENGESELLSCHAFT, DE
[22] 1989-11-03
[30] DE (P 38 37 623.7) 1988-11-05

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[54] **REACTIF POUR EMPREINTES DIGITALES**
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[72] Pounds, Charles Anthony, GB
[72] Mongkolaussavaratana, Teirevat, TH
[73] Queen's University of Belfast (The), GB
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[11] **2,004,815**
[13] C

[51] **Int.Cl. 5H01R 9/24**
[25] EN
[54] **CONNECTOR FOR ELECTRICAL HEATER**
[54] **CONNECTEUR POUR APPAREIL DE CHAUFFAGE ELECTRIQUE**
[72] Bautista, Richard L., US
[73] TYCO ELECTRONICS CORPORATION, US
[22] 1989-12-07
[30] US (281,580) 1988-12-08

[11] **2,008,677**
[13] C

[51] **Int.Cl. 5C09K 5/04**
[25] EN
[54] **WORKING MEDIA FOR A THERMODYNAMIC ENGINEERING DEVICE OPERATING IN ACCORDANCE WITH THE GU THERMODYNAMIC CYCLE**
[54] **MILIEUX DE TRAVAIL POUR UN DISPOSITIF TECHNIQUE THERMODYNAMIQUE FONCTIONNANT SELON LE CYCLE THERMODYNAMIQUE DE GU**
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[73] Gu, Chujun, CN
[22] 1990-01-26
[30] CN (89100375.4) 1989-01-28
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[11] **2,010,009**
[13] C

[51] **Int.Cl. 5C07D 487/14 5A61K 31/505**
[25] EN
[54] **TRICYCLIC FUSED PYRIMIDINE DERIVATIVES, THEIR PRODUCTION AND USE**
[54] **DERIVES TRICYCLIQUES DE PYRIMIDINE FUSIONNEE, LEUR PRODUCTION ET LEUR UTILISATION**
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[72] Nagaoka, Akinobu, JP
[73] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
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[30] JP (037126-1989) 1989-02-15
[30] JP (277386-1989) 1989-10-24
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[11] **2,011,050**
[13] C

[51] **Int.Cl. 6A61K 38/19**
[25] EN
[54] **HUMAN MONOCYTE-MACHROPHAGE-CSF PREPARATIONS**
[54] **PREPARATIONS DE MONOCYTES - MACROHAGES - LCR HUMAINS**
[72] Takaku, Fumimaro, JP
[72] Motoyoshi, Kazuo, JP
[72] Kawashima, Takuji, JP
[72] Yanai, Nobuya, JP
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[72] Yokota, Hajime, JP
[72] Yoshida, Kazuo, JP
[72] Ujiie, Kunio, JP
[72] Suzu, Shinya, JP
[72] Yamada, Nobuhiro, JP
[73] MORINAGA MILK INDUSTRY CO., LTD., JP
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[30] JP (79100/1(1989)) 1989-03-30
[30] JP (85612/1(1989)) 1989-04-04
[30] JP (117372/1(1989)) 1989-05-12
[30] JP (150087/1(1989)) 1989-06-12

[11] **2,011,278**
[13] C

[51] **Int.Cl. 5H04Q 3/42**
[25] EN
[54] **METHOD AND CIRCUIT ARRANGEMENT FOR FORWARDING MESSAGE PACKETS VIA PACKET SWITCHING EQUIPMENT, THE MESSAGE PACKETS BEING TRANSMITTED ON OFFERING TRUNKS**
[54] **METHODE ET CIRCUIT DE TRANSMISSION DE PAQUETS DE MESSAGE SUR DES LIAISONS D'OFFRE VIA UN MATERIEL DE COMMUTATION DE PAQUETS**
[72] Goeldner, Ernst-Heinrich, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] Int.Cl. 5C07D 279/18 5C07D 339/00
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HYDROXAMIC ACIDS AND HYDROXY
UREAS AS INHIBITORS OF 5-
LIPOXYGENASE**
[54] **ACIDES HYDROXAMIQUES ET
HYDROXYUREES**
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**COMME INHIBITEURS DE LA 5-
LIPOXYGENASE**
[72] Girard, Yves, CA
[72] Hamel, Pierre, CA
[72] Delorme, Daniel, CA
[73] MERCK FROSST CANADA & CO./
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[22] 1990-03-14

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FOR THE PREPARATION THEREOF,
THE USE THEREOF, AND
PHARMACEUTICALS CONTAINING
THESE AND THE PREPARATION
THEREOF**
[54] **THIENYLPIPERAZINES,
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PHARMACEUTIQUES, LES
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[72] Schönafinger, Karl, DE
[72] Troke, Jeffery, DE
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[72] Schindler, Ursula, DE
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[51] Int.Cl. 5C07D 311/82 5C07D 405/12
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FLUORESCENCE DE SUBSTANCES DU
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[72] Brynes, Paul Jeffrey, US
[72] Jonas, Patrick F., US
[72] Flentge, Charles Arthur, US
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[73] ABBOTT LABORATORIES, US
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[54] **ASSOUPLISEUR DE TISSU**
[72] Schroder, Ursula, BE
[72] Jacques, Alain, BE
[73] Colgate-Palmolive Company, US
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[73] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY NATIONAL RE, CA
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[54] **DISPOSITIF A SEMICONDUCTEUR A COUCHE REFLECHISSANTE**
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[72] Hirofumi, Masumi, JP
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[25] EN
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF ALKALINE EARTH METAL ALCOHOLATES HAVING A SPHERICAL PARTICLE HABITUS**
[54] **PROCEDE POUR LA PREPARATION D'ALCOOLATES DE METAUX ALCALINO-TERREUX FORMANT DES PARTICULES SPHERIQUES**
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[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[87] (WO91/00017)
[30] AU (PJ 4936) 1989-06-27

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[13] C

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[25] EN
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[54] **METHODE ET DISPOSITIF DE TRAITEMENT DE DONNEES NUMERIQUES**
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[11] **2,067,711**
[13] C

[51] **Int.Cl. 5C07H 21/04**
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[73] BECTON, DICKINSON AND COMPANY, US
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[51] **Int.Cl. 5C10G 11/16**
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[54] **PROCEDE AMELIORE DE CRAQUAGE CATALYTIQUE DE FLUIDES COMPARTANT L'UTILISATION DE PARTICULES DE CHARGE D'ALIMENTATION DE TAILLE REDUITE**
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[11] **2,068,878**
[13] C

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[25] EN
[54] **POLYCARBONATES, USES THEREOF, PROCESSES FOR PREPARING AND PURIFYING SAME**
[54] **PROCEDE D'OBTENTION ET DE PURIFICATION DE POLYCARBONATES, UTILISATION DU PRODUIT OBTENU**
[72] Tanaka, Masahide, JP
[72] Kiso, Yoshihisa, JP
[72] Takahata, Kazunori, JP
[72] Hayashi, Tetsuo, JP
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[11] **2,070,322**
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[51] **Int.Cl. 5H02H 7/06**
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[54] **LIMITEUR DE COURANT DE DEFAUT SUPRACONDUCTEUR**
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[72] Yamamoto, Takahiko, JP
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[25] EN
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[11] 2,070,811
[13] C

[51] Int.Cl. 5H03H 15/00
[25] EN
[54] WAVESHAPING TRANSVERSAL
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THE SAME FOR DATA TRANSMISSION
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[54] FILTRE TRANSVERSAL ET
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[73] TRANSWITCH CORPORATION, US
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[13] C

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[72] Endo, Yoichi, JP
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[11] 2,071,725
[13] C

[51] Int.Cl. 5H04L 1/24
[25] EN
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[11] 2,071,907
[13] C

[51] Int.Cl. 5C12N 15/38 6C07K 14/05
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[25] EN
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[30] US (453,931) 1989-12-20

[11] 2,071,965
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[54] FILTRE CONTINU
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[73] THE DOW CHEMICAL COMPANY,
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[87] (WO92/06763)
[30] US (600,035) 1990-10-18

[11] 2,072,575
[13] C

[51] Int.Cl. 5C07D 405/06 5C07D 207/04
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[30] GB (9000305.4) 1990-01-06

[11] 2,073,038
[13] C

[51] Int.Cl. 5B01D 53/22
[25] EN
[54] PROCESS FOR REMOVING
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[11] 2,077,315
[13] C

[51] Int.Cl. 5C22C 21/00
[25] FR
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[13] C

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[54] **APPAREIL A FENDRE LE CARTON ONDULE ET AUTRES PRODUITS SIMILAIRES**
[72] Paulson, Richard F., US
[72] Ross, Kent L., US
[72] Prochnow, Timothy C., US
[72] Dix, David W., US
[72] Stout, Luke A., US
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[30] US (490,793) 1990-03-08

[11] **2,078,629**
[13] C

[51] **Int.Cl. 5B65D 41/06**
[25] EN
[54] **CONTAINER-CLOSURE ASSEMBLY INCLUDING A SCREW-CAP HAVING ANTI-BACKOFF TEETH ON ITS THREADS**
[54] **DISPOSITIF DE FERMETURE D'UN CONTENANT COMPRENANT UNE CAPSULE A VIS A FILETS ANTIDEVISSAGE**
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[73] Specialty Packaging Licensing Company, Inc., US
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[30] US (07/791,124) 1991-11-13

[11] **2,079,041**
[13] C

[51] **Int.Cl. 5G05D 23/19 5G05B 13/02 5G06F 15/20**
[25] EN
[54] **SELF-ADJUSTING RECOVERY ALGORITHM FOR A MICROPROCESSOR-CONTROLLED SETBACK THERMOSTAT**
[54] **ALGORITHME DE RECUPERATION A AUTOREGLAGE POUR THERMOSTAT PROGRAMMABLE COMMANDE PAR MICROPROCESSEUR**
[72] Adams, John T., US
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[73] HONEYWELL INC., US
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[11] **2,083,276**
[13] C

[51] **Int.Cl. 5F16K 5/18**
[25] EN
[54] **VALVE APPARATUS**
[54] **VANNE**
[72] Olofsson, Hans Kristoffer, SE
[73] Alfa-Laval Agriculture International AB, SE
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[87] (WO91/19123)
[30] SE (9001954-8) 1990-05-31

[11] **2,084,771**
[13] C

[51] **Int.Cl. 5A61M 15/06**
[25] EN
[54] **NICOTINE-IMPERMEABLE CONTAINER AND METHOD OF FABRICATING THE SAME**
[54] **CONTENANT IMPERMEABLE A LA NICOTINE, ET SA METHODE DE FABRICATION**
[72] Turner, James E., US
[72] Ellis, Michael P., US
[72] Oldham, Ronald G., US
[72] Hill, Ira, US
[72] Malmborg, Bengt Eber, SE
[72] Andersson, Sven-Börje, SE
[73] PHARMACIA & UPJOHN AB, SE
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[87] (WO91/18636)
[30] US (535,967) 1990-06-08

[11] **2,085,454**
[13] C

[51] **Int.Cl. 5C02F 3/00 5C02F 3/08 5C02F 3/28**
[25] FR
[54] **PROCEDE D'EPURATION BIOLOGIQUE DE LIQUIDES CHARGES D'IMPURETES**
[54] **PROCESS FOR BIOLOGICAL TREATMENT OF IMPURITY-LOADED LIQUIDS**
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[72] Galvez, Laure, FR
[72] Blanc, Joëlle, FR
[73] Lyonnaise des Eaux-Dumez SA, FR
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[30] FR (91 16155) 1991-12-26

[11] **2,085,796**
[13] C

[51] **Int.Cl. 5C07D 237/22 5C07D 403/06 5C07D 413/06 5A61K 31/50 5A61K 31/535**
[25] EN
[54] **3(2H)-PYRIDAZINONE DERIVATIVES AND PROCESS FOR THE PREPARATION THEREOF**
[54] **DERIVES 3(2H)-PYRIDAZINONE ET PROCEDE POUR LEUR PREPARATION**
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[72] Czako, Klara, HU
[72] Varga, Ildiko, HU
[72] Jednakovics, Andrea, HU
[72] Papp, Agnes, HU
[72] Bodi, Ilona, HU
[72] Rabloczky, Gyoergy, HU
[72] Varro, Andras, HU
[72] Jaszlits, Laszlo, HU
[72] Miklos, Aniko, HU
[72] Levay, Luca, HU
[72] Schmidt, Gyoergy, HU
[72] Fekete, Marton, HU
[72] Kuerthy, Maria, HU
[72] Szemerédi, Katalin, HU
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[30] HU (4057/91) 1991-12-20

[11] **2,087,341**
[13] C

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[25] EN
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[72] Dumbleton, John H., US
[72] Higham, Paul A., US
[73] STRYKER TECHNOLOGIES CORPORATION, US
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[13] C

[51] Int.Cl. 5H04B 10/18
[25] EN
[54] SYSTEM FOR OPTICALLY TRANSMITTING DIGITAL COMMUNICATIONS OVER AN OPTICAL FIBER WITH DISPERSION AT THE OPERATING WAVELENGTH
[54] SYSTEME DE TRANSMISSION DE SIGNAUX NUMERIQUES VIA UNE FIBRE OPTIQUE AVEC DISPERSION A LA LONGUEUR D'ONDE DE TRAVAIL
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[72] Mittrich, Martin, DE
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[30] DE (P 42 16 790.6) 1992-05-21
[30] DE (P 42 02 863.9) 1992-02-01

[11] 2,091,438
[13] C

[51] Int.Cl. 5H01L 23/50 5H01L 23/12 5H01L 23/14 5H01L 23/48
[25] EN
[54] SEMICONDUCTOR CHIP ASSEMBLIES, METHODS OF MAKING SAME AND COMPONENTS FOR SAME
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[72] Distefano, Thomas H., US
[73] TESSERA, INC., US
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[87] (WO92/05582)
[30] US (586,758) 1990-09-24
[30] US (673,020) 1991-03-21

[11] 2,091,814
[13] C

[51] Int.Cl. 5H04L 27/38 5H04L 27/34
[25] EN
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[54] SYSTEME DE COMMUNICATION A MODULATION D'AMPLITUDE EN QUADRATURE MULTIMODE
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[72] Fox, John M., US
[73] GENERAL INSTRUMENT CORPORATION, US
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[30] US (07/852,330) 1992-03-24

[11] 2,096,015
[13] C

[51] Int.Cl. 5B29C 41/04 5B29C 41/36
[25] EN
[54] PROCESS FOR MANUFACTURING REINFORCED DUROPLASTIC PIPES IN A CENTRIFUGAL PROCESS AND INSTALLATION FOR CARRYING OUT THE PROCESS
[54] METHODE SERVANT A FABRIQUER AU MOYEN D'UN PROCEDE CENTRIFUGE DES TUYAUX EN MATIERES THERMODURCISSABLES RENFORCEES, ET INSTALLATION CONNEXE
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[72] Jost, Ralf, CH
[73] Hobas Engineering AG, CH
[85] 1993-05-11
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[30] CH (3096/91) 1991-10-23

[11] 2,096,679
[13] C

[51] Int.Cl. 6C02F 3/10
[25] EN
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[54] DISPOSITIF DE FILTRATION DE L'EAU
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[30] US (07/885,816) 1992-05-20

[11] 2,096,710
[13] C

[51] Int.Cl. 5H01R 13/648
[25] EN
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[54] CONNECTEUR POUR CABLE ELECTRIQUE ARME
[72] Nattel, William, CA
[72] Michaud, Alain, CA
[73] Commander Electrical Materials Inc., CA
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[11] 2,097,408
[13] C

[51] Int.Cl. 5B32B 15/08 5B65B 55/02 5A61B 19/04 5B32B 25/12 5B65D 85/18 5B29C 41/22 5B05D 7/24 5B65D 81/24
[25] EN
[54] FLEXIBLE RUBBER ARTICLE AND METHOD OF MAKING
[54] ARTICLE EN CAOUTCHOUC SOUPLE ET PROCEDE DE FABRICATION
[72] Huang, Wu-Nan, US
[72] Manwill, Niles R., US
[72] Muschelewicz, Adana, US
[72] Chen, Fung-Bor, US
[73] MAXXIM MEDICAL, INC., US
[22] 1993-05-31
[30] US (07/896,642) 1992-06-10

[11] 2,097,695
[13] C

[51] Int.Cl. 5A61K 49/00 5G01N 1/30 5G01N 33/52
[25] EN
[54] BIOLOGICAL STAIN COMPOSITION, METHOD OF PREPARATION AND METHOD OF USE FOR DELINEATION OF EPITHELIAL CANCER
[54] COLORANT BIOLOGIQUE, METHODE DE PREPARATION ET MODE D'UTILISATION POUR LA DELIMITATION D'UN CANCER EPITHELIAL
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[72] Tucci, Raymond J., US
[72] Cipriani, Pier J., US
[73] ZILA, INC., US
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[87] (WO93/08847)
[30] US (07/785,520) 1991-10-31

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[13] C

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[25] EN
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[54] **DISPOSITIF ANTIVIBRATION**
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[72] Tewani, Sanjiv, US
[72] Walcott, Bruce L., US
[72] Massa, Ted R., US
[72] Stephenson, Robert W., US
[72] Stephens, Lyndon Scott, US
[73] UNIVERSITY OF KENTUCKY, US
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[30] US (702,987) 1991-05-20

[11] **2,099,271**
[13] C

[51] **Int.Cl. 5C08L 75/04 5C08J 9/12**
[25] EN
[54] **ENERGY ABSORBING, WATER BLOWN, RIGID POLYURETHANE FOAM**
[54] **MOUSSE RIGIDE DE POLYURETHANE, SOUFFLEE A L'EAU ET QUI ABSORBE L'ENERGIE**
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[72] Easterle, Mark A., US
[72] Jackson, Michael L., US
[73] BASF CORPORATION, US
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[87] (WO92/12197)
[30] US (634,643) 1990-12-27

[11] **2,099,975**
[13] C

[51] **Int.Cl. 5A63H 27/04**
[25] EN
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[54] **YO-YO**
[72] Tomberlin, Rand K., US
[73] Tomberlin, Rand K., US
[85] 1993-07-06
[86] 1991-06-11 (PCT/US91/04110)
[87] (WO92/11913)
[30] US (636,186) 1991-01-07

[11] **2,100,737**
[13] C

[51] **Int.Cl. 5H02J 3/00**
[25] EN
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[54] **DISTRIBUTEUR-LIMITEUR DE COURANT**
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[72] Hooper, Frederick D., US
[73] Framatome Connectors International, FR
[22] 1993-07-16
[30] US (924,129) 1992-08-03

[11] **2,101,853**
[13] C

[51] **Int.Cl. 5G01P 5/165**
[25] EN
[54] **CONTINUOUSLY CURVED STRUT MOUNTED SENSOR**
[54] **CAPTEUR A COURBURE CONTINUE MONTE**
[72] Peterson, Michael T., US
[72] Setterholm, Jeffrey M., US
[72] Peterson, Michael C., US
[72] Young, Jonathan D., US
[72] Leeper, William Jay, US
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[85] 1993-08-03
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[87] (WO92/16849)

[11] **2,104,584**
[13] C

[51] **Int.Cl. 5B01D 35/28 5B21F 27/00 5B01D 24/14**
[25] EN
[54] **SLOTTED SCALLOPS OR SIMILAR ARTICLES AND METHOD OF MAKING SAME**
[54] **FILTRES GRAVITAIRES EN DEMI-COQUILLE OU ARTICLES SIMILAIRES ET METHODE DE FABRICATION**
[72] Evans, Thomas W., US
[72] Maxson, Richard C., US
[72] Norell, Robert G., US
[72] Uban, Stephen A., US
[73] UNITED STATES FILTER CORPORATION, US
[85] 1993-08-20
[86] 1991-02-28 (PCT/US91/01265)
[87] (WO92/15387)

[11] **2,106,035**
[13] C

[51] **Int.Cl. 5F16J 15/10**
[25] EN
[54] **NON-STICK AUTOMOTIVE GASKETS**
[54] **JOINTS D'ETANCHEITE ANTI-ADHERENTS POUR AUTOMOBILES**
[72] Viksne, George J., MX
[73] Wacker Silicones Corporation, US
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[54] **METHOD AND APPARATUS FOR IMPROVING THE APPARENT ACCURACY OF A DATA RECEIVER CLOCK CIRCUIT**
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[54] **METHOD FOR MAKING STABLE, EXTRACELLULAR TYROSINASE AND SYNTHESIS OF POLYPHENOLIC POLYMERS THEREFROM**
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[30] US (07/982,095) 1992-11-25

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[13] C

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[13] C

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[54] **METHODE POUR LE TRAITEMENT DE L'HEPATITE C CHEZ LES SUJETS NE REPONDANT PAS AU TRAITEMENT PAR L'INTERFERON**
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[73] SCICLONE PHARMACEUTICALS INC., US
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[13] C

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[54] **OUTIL DE COUPE**
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[11] **2,163,894**
[13] C

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[25] EN
[54] **STEEL WIRE ROD OF HIGH STRENGTH AND STEEL WIRE OF HIGH STRENGTH EXCELLENT IN FATIGUE CHARACTERISTICS**
[54] **MATERIAU A BASE DE FIL D'ACIER A HAUTE RESISTANCE, PRESENTANT D'EXCELLENTE CARACTERISTIQUES DE FATIGUE, ET FIL D'ACIER A HAUTE RESISTANCE**
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[11] 2,166,239
[13] C

[51] Int.Cl. 6G10L 3/00 6H04M 1/00
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[25] EN
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[13] C

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[72] Williams, Terrell M., US
[73] MEDTRONIC, INC., US
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[13] C

[51] Int.Cl. 6H01M 4/48 6H01M 4/24
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[25] EN
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LITHIUM BATTERY
[54] ELECTRODE EN LITHIUM-
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[72] Jacobs, James K., CA
[73] ELECTROFUEL INC., CA
[22] 1996-04-02
[30] US (08/448,768) 1995-05-24

[11] 2,173,765
[13] C

[51] Int.Cl. 6H01M 10/02 6C01B 31/04
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[25] EN
[54] NON-AQUEOUS SECONDARY
BATTERY AND A MANUFACTURING
METHOD OF GRAPHITE POWDER
[54] BATTERIE SECONDAIRE NON
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FABRICATION DE POUDRE DE
GRAPHITE
[72] Honbo, Hidetoshi, JP
[72] Takeuchi, Seiji, JP
[72] Momose, Hideto, JP
[72] Horiba, Tatsuo, JP
[72] Muranaka, Yasushi, JP
[72] Ishii, Yoshito, JP
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[11] 2,173,911
[13] C

[51] Int.Cl. 6G06F 17/30
[25] EN
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PRICE LOOK-UP FILE
[54] SYSTEME ET METHODE POUR
EXTRAIRE L'INFORMATION
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[72] Goodwin, John C., III, US
[73] NCR CORPORATION, US
[22] 1996-04-11
[30] US (08/539,449) 1995-10-05

[11] 2,173,936
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[51] Int.Cl. 6G06F 17/30 6G06F 17/60
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[72] Zimmerman, Terry L., US
[73] NCR CORPORATION, US
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[13] C

[51] Int.Cl. 6B60G 13/14 6B60G 17/015
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[54] SYSTEMES REGENERATEURS
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[72] Ivers, Douglas E., US
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[72] Schroeder, Warren R., US
[73] Lord Corporation, US
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[86] 1994-12-21 (PCT/US94/14741)
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[13] C

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[25] EN
[54] **METHOD FOR PRODUCING LIQUID EJECTING HEAD AND LIQUID EJECTING HEAD OBTAINED BY THE SAME METHOD**
[54] **METHODE DE PRODUCTION DE TETE D'EJECTION DE LIQUIDE ET TETE D'EJECTION DE LIQUIDE AINSI OBTENUE**

[72] Yoshihira, Aya, JP
[72] Sugitani, Hiroshi, JP
[72] Kashino, Toshio, JP
[72] Koyama, Shuji, JP
[72] Okazaki, Takeshi, JP
[72] Kudo, Kiyomitsu, JP
[72] Nakata, Yoshie, JP
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[30] JP (7-142214) 1995-06-08
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[11] **2,174,564**
[13] C

[51] **Int.Cl. 6F28C 1/14 6F28C 3/08**
[25] EN
[54] **COMBINATION DIRECT AND INDIRECT CLOSED CIRCUIT EVAPORATIVE HEAT EXCHANGER WITH BLOW-THROUGH FAN**
[54] **ECHANGEUR DE CHALEUR EVAPORATIF A CIRCUIT FERME DIRECT ET INDIRECT, A VENTILATEUR MONTE EN PRESSION**

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[73] Baltimore Aircoil Company, Inc., US
[22] 1996-04-19
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[11] **2,175,166**
[13] C

[51] **Int.Cl. 6B41J 2/05**
[25] EN
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[72] Kudo, Kiyomitsu, JP
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[13] C

[51] **Int.Cl. 6A61F 13/15**
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[54] **NAPPE POUR ARTICLES ABSORBANTS, PRESENTANT UNE SURFACE TEXTUREE DESTINEE A ETRE EN CONTACT AVEC LA PEAU D'UN UTILISATEUR**

[72] Gray, Brian Francis, CA
[72] Schettler, Michael John, CA
[72] Ouellette, William Robert, US
[72] Ashton, Gregory, CA
[73] THE PROCTER & GAMBLE COMPANY, US
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[86] 1994-11-14 (PCT/US94/13098)
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[30] US (08/154,661) 1993-11-18

[11] **2,176,492**
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[73] TOKYO FM BROADCASTING CO., LTD., JP
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[13] C

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[72] Greaves, Malcolm, GB
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[73] PETROLEUM RECOVERY INSTITUTE, CA
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[54] **CARTE ECHANTILLON**
[72] O'Bear, Raymond E., US
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[72] Egholm, Michael, US
[72] Berg, Rolf-Henrik, DK
[72] Nielsen, Peter Eigil, DK
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[86] 1994-11-22 (PCT/EP94/03858)
[87] (WO95/14789)
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60 6C07D 307/81
[25] FR
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ALKOXY-ARYLES, LEUR PROCEDE
DE PREPARATION ET LES
COMPOSITIONS
PHARMACEUTIQUES QUI LES
CONTIENNENT

[54] NEW ALKOXY-ARYL
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PHARMACEUTICAL COMPOSITIONS
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[72] Depreux, Patrick, FR
[72] Leclerc, Véronique, FR
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[72] Renard, Pierre, FR
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[13] C

[51] Int.Cl. 6C08F 297/04 6C08F 8/00
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[54] NOVEL POLYMER CONTAINING
A MODIFIED CYCLIC MONOMER
UNIT

[54] POLYMERE NOUVEAU
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[72] Imaizumi, Kimio, JP
[72] Natori, Itaru, JP
[72] Yamagishi, Hideyuki, JP
[72] Kato, Kiyoo, JP
[73] ASAHI KASEI KOGYO KABUSHIKI
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[30] JP (6-10567) 1994-02-01

[11] 2,178,858
[13] C

[51] Int.Cl. 6F23C 6/04
[25] EN
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NITROGEN OXIDES AND CARBON
MONOXIDE
[54] PROCEDE DE COMBUSTION
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[73] PRAXAIR TECHNOLOGY, INC., US
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[13] C

[51] Int.Cl. 6H04B 10/14 6H04B 10/20
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[54] UNITE A CIRCUIT INTEGRE
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[51] Int.Cl. 6C08L 33/06 6C09D 133/06
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[25] EN
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POLYMERE D'ACRYLATE MODIFIE
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[72] Kamiyama, Yasuyuki, JP
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[30] JP (6-81855) 1994-04-20

[11] 2,182,385
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[72] Walton, Ron, US
[73] WALTON TECHNOLOGY, INC., US
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[87] (WO96/17146)
[30] US (08/346,690) 1994-11-30

[11] 2,183,286
[13] C

[51] Int.Cl. 6H04Q 3/66
[25] EN
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[54] DISPOSITIF POUR METTRE UN
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[73] LUCENT TECHNOLOGIES INC., US
[22] 1996-08-14
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[25] EN
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[72] Gibboney, Raymond Connell, US
[73] Milli Concepts, Inc., US
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[13] C

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[73] ALCATEL USA, INC., US
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[30] US (270,019) 1994-07-01

[11] **2,185,019**
[13] C

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[54] **ISOXAZOLINES, INHIBITEURS DE LA LIBERATION DU FNT**
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[72] Cohan, Victoria L., US
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[30] US (08/209,125) 1994-03-09

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[13] C

[51] **Int.Cl. 6C09K 3/00 6C03C 17/28**
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[54] **INTERCALAIRE ACIDE TAMPONNE POUR FEUILLES DE VERRE**
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[73] PPG INDUSTRIES OHIO, INC., US
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[13] C

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[73] PFIZER INC., US
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[13] C

[51] **Int.Cl. 6B41J 2/05**
[25] EN
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[54] **CIRCUIT D'IDENTIFICATION A TETE D'IMPRESSION A JET D'ENCRE DOTE DE REGISTRES A DECALAGE DYNAMIQUES A SORTIE SERIE**
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[72] Parish, George Keith, US
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[13] C

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[54] **A METHOD OF PURIFYING GASES CONTAINING NITROGEN OXIDES AND AN APPARATUS FOR PURIFYING GASES IN A STEAM GENERATION BOILER**
[54] **PROCEDE D'EPURATION DES GAZ RENFERMANT DES OXYDES D'AZOTE ET APPAREIL D'EPURATION DES GAZ D'UNE CHAUDIERE DE PRODUCTION DE VAPEUR**
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[72] Hiltunen, Matti, FI
[72] Lee, Yam, US
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[86] 1995-04-12 (PCT/FI95/00207)
[87] (WO95/27554)
[30] US (08/226,483) 1994-04-12

[11] **2,186,627**
[13] C

[51] **Int.Cl. 6H04N 7/26**
[25] EN
[54] **METHOD AND APPARATUS FOR PREVENTING OVERFLOW AND UNDERFLOW OF AN ENCODER BUFFER IN A VIDEO COMPRESSION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR EMPECHER UN DEPASSEMENT DE CAPACITE POSITIF OU NEGATIF DANS UN TAMPON DE CODEUR, D'UN SYSTEME DE COMPRESSION VIDEO**
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[72] Lindsley, Brett Louis, US
[72] Levine, Stephen Norman, US
[73] MOTOROLA, INC., US
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[30] US (08/392,583) 1995-02-23

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[73] SEGA ENTERPRISES, LTD., JP
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[11] 2,187,402
[13] C

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[54] DERIVES DE LA QUINOXALINE POUR LE TRAITEMENT DES ACOUPHENES
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[73] PFIZER INC., US
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[13] C

[51] Int.Cl. 6C11D 3/39
[25] EN
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[72] Baillely, Gerard Marcel, GB
[73] THE PROCTER & GAMBLE COMPANY, US
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[30] GB (9407628.8) 1994-04-13

[11] 2,188,133
[13] C

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[11] 2,188,227
[13] C

[51] Int.Cl. 6A61K 31/56 6A61K 31/44 6A61K 31/445
[25] EN
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[54] THERAPIE ANTIEMETIQUE COMBINATOIRE UTILISANT DES ANTAGONISTES DES RECEPTEURS NK-1
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[72] Silberman, Sandra L., US
[72] Watson, John W., US
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[11] 2,188,519
[13] C

[51] Int.Cl. 6F25D 3/00 6B65B 63/08
[25] EN
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[30] US (08/665,073) 1996-06-11

[11] 2,189,309
[13] C

[51] Int.Cl. 6G09F 7/00
[25] EN
[54] AUXILIARY DISPLAY FOR AN ELECTRONIC PRICE LABEL
[54] AFFICHAGE AUXILIAIRE POUR ETIQUETTE DE PRIX ELECTRONIQUE
[72] Goodwin, John C., III, US
[73] NCR Corporation, US
[22] 1996-10-31
[30] US (08/603,006) 1996-02-16

[11] 2,189,333
[13] C

[51] Int.Cl. 6A61F 13/15
[25] EN
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[54] SERVIETTE HYGIENIQUE
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[72] Carrier, Michael Edward, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[86] 1995-04-07 (PCT/US95/04287)
[87] (WO95/29654)
[30] US (08/236,607) 1994-05-02

[11] 2,189,531
[13] C

[51] Int.Cl. 6C08G 18/42 6C08J 9/14 6C08G 18/18 6C08G 18/48
[25] EN
[54] METHODS AND COMPOSITIONS FOR PREPARING RIGID FOAMS WITH NON-CHLOROFLUOROCARBON BLOWING AGENTS
[54] PROCEDES ET COMPOSITIONS PERMETTANT DE PREPARER DES MOUSSES DURES AVEC DES GONFLANTS NON CHLOROFLUOROCARBONES
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[72] Kaplan, Warren, US
[72] Chapa, Gerardo, US
[72] Neill, Paul, US
[73] STEPAN COMPANY, US
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[30] US (08/415,146) 1995-03-30

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[13] C

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[25] EN
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[54] **SYSTEME DE GESTION DES UTILISATIONS**
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[54] APPAREILLAGE ET METHODE POUR LA DEPOSE NON DESTRUCTIVE A CONTRAINTES DE FAIBLE INTENSITE DE COMPOSANTS ELECTRONIQUES SOUDES
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[72] LORD, Raymond, CA
[72] RACICOT, Mario, CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
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[54] PROCEDE KRAFT
[72] THOMPSON, ROKHSAREH, CA
[72] SHEEDY, Michael A., CA
[72] BERRY, RICHARD MCKINNON, CA
[72] BROWN, Craig J., CA
[72] PALEOLOGOU, Michael, CA
[71] ECO-TEC LIMITED, CA
[71] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA
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[54] METHOD FOR VOLUME PRODUCTION OF OPTICAL GRATING DEVICES WITH TUNING CAPABILITY
[54] PROCEDE POUR MESURER LE VOLUME DES DISPOSITIFS A FIBRES OPTIQUES A GAMME D'ACCORD ETENDUE
[72] HATAMI-HANZA, HAMID, CA
[71] HATAMI-HANZA, HAMID, CA
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[72] ROSEBUSH, John C., CA
[71] ROSEBUSH, John C., CA
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[54] ADAPTATEUR DE DECOUPAGE DE TYPE CA
[72] CHEN, Geoff, CN
[71] PROTON ELECTRONIC INDUSTRIAL CO., LTD., CN
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[54] REINFORCING MEMBER FOR COMPOSITE WORKPIECES AND ASSOCIATED METHODS
[54] ELEMENT D'ARMATURE POUR LES PIECES COMPOSITES ET METHODES ASSOCIEES
[72] SARH, Branko, US
[72] PALMER, Raymond J., US
[71] McDONNELL DOUGLAS CORPORATION, US
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[54] COMBINED CABLE MANAGER AND TABLE CONNECTOR
[54] GESTIONNAIRE COMBINE D'ACCOUPLLEMENT DE TABLE ET DE CABLE
[72] VANDER PARK, Antonius Adrian, CA
[71] NOVA-LINK LIMITED, CA
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[54] METHOD AND APPARATUS FOR VIDEO SURVEILLANCE OF STRUCTURES
[54] METHODE ET APPAREIL POUR LA SURVEILLANCE VIDEO DE STRUCTURES
[72] PAULSON, Peter O., CA
[72] ELLIOTT, JOHN, CA
[71] PURE TECHNOLOGIES LTD., CA
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[54] CYCLIC ARYL ETHERS, THIOETHERS AND AMINES, AND METHOD FOR PREPARATION
[54] ETHERS D'ARYLE CYCLIQUE, THIOETHERS ET AMINES ET METHODE DE PREPARATION
[72] de DENUS, Christine R., CA
[72] ABD-EL-AZIZ, Alaa S., CA
[72] MAY, Leslie J., CA
[71] UNIVERSITY OF WINNIPEG, CA
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[54] A TWO-LAYER PHARMACEUTICAL TABLET COMPRISING AN NSAID AND MISOPROSTOL
[54] PASTILLE PHARMACEUTIQUE A DEUX COUCHES COMPRENANT UN AINS ET DU MISOPROSTOL
[72] SHERMAN, Bernard Charles, CA
[71] SHERMAN, Bernard Charles, CA
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[54] **SUSTAINED RELEASE TABLETS CONTAINING BUPROPION HYDROCHLORIDE**
[54] **PASTILLES A DEGAGEMENT PROLONGE CONTENANT DU CHLORHYDRATE DE BUPROPIONE**
[72] SHERMAN, Bernard Charles, CA
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[54] **SYNCHRONIZED STIRRING AND HEATING APPARATUS**
[54] **APPAREIL POUR CHAUFFER ET MELANGER SYNCHRONISE**
[72] MORRIS, Joseph E., Jr., CA
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[54] **DETECTOR FOR OBJECTS FALLING INTO WATER**
[54] **DETECTEUR D'OBJETS QUI TOMBENT DANS L'EAU**
[72] PERALTA, Joaquin Orlando, AR
[72] CASAS DE PERALTA, Maria Teresa, AR
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[54] **A UNIVERSAL ADAPTER**
[54] **RACCORD UNIVERSEL**
[72] CHEUNG, Tat Kwong, HK
[71] CHEUNG, Tat Kwong, HK
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[54] **SCHEMA CRYPTOGRAPHIQUE RESILIENTE**
[72] JOHNSON, Donald B., US
[72] VANSTONE, SCOTT A., CA
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[54] **DRYER CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE SECHOIR**
[72] DENNIS, Stephen, CA
[72] FORSTER, John, CA
[72] MONGROLLE, Jean-Louis, FR
[71] WESTROC INC., CA
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[54] **GENERATION OF OLIGONUCLEOTIDE LIBRARIES REPRESENTATIVE OF GENOMES OR EXPRESSED MRNAS (CDNAS) AND USE THEREOF**
[54] **GENERATION REPRESENTATIVE DES GENOMES D'UNE BANQUE D'OLIGONUCLEOTIDES D'ARMN D'EXPRESSION (CDNAS) ET LEUR UTILISATION**
[72] BRUKNER, Ivan, CA
[72] PAQUIN, Bruno, CA
[72] TREMBLAY, Guy, CA
[71] UNIVERSITÉ DE MONTRÉAL, CA
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[54] **DEVICE FOR CONVERTING A BICYCLE INTO A SNOW SKI BICYCLE**
[54] **DISPOSITIF POUR CONVERTIR UNE BICYCLETTE EN UNE BICYCLETTE A SKI**
[72] STEWART, David A., CA
[71] STEWART, David A., CA
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[25] EN
[54] **HANDLEBAR-MOUNTABLE ERGONOMIC SHIFTER FOR A MOTOR VEHICLE**
[54] **EMBAYEUR ERGONOMIQUE POUVANT ETRE MONTE SUR LE GUIDON D'UN VEHICULE MOTORISE**
[72] LAROSE, Pascal, CA
[72] GALE, John, CA
[72] GAGNON, Claude, CA
[71] BOMBARDIER INC., CA
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[25] EN
[54] **JOGGER MEMBER, SYSTEM AND METHOD FOR MOUNTING JOGGER MEMBERS AND FEMALE AND MALE BLANKING DIES PROVIDED THEREWITH**
[54] **MEMBRE EGALISEUR, SYSTEME ET PROCEDE POUR MONTER UN TEL MEMBRE ET SUPPRESSEUR DE TEINTURE MALE ET FEMELLE PREVUE AVEC**
[72] SANDFORD, Peter E., CA
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[54] **A BAG HOLDER**
[54] **SUPPORT A SAC**
[72] CLARKE, Joseph, GB
[72] IMMS, John Victor, GB
[71] CLARKE, Joseph, GB
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[54] **UMBRELLA CLIP**
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[72] GREEN, Michael P., CA
[71] GREEN, Michael P., CA
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[25] EN
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FORMULATION
[54] **FORMULATION POUR CHASSE-**
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[72] HORNBY, Antony Paul, CA
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[25] EN
[54] **CORE PLUG FORMATION DIE**
APPARATUS AND METHOD OF
MANUFACTURING A CORE PLUG
[54] **APPAREIL DE FILIERE POUR LA**
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FABRICATION D'UN BOUCHON A
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[72] SPLITT, Jerome, US
[71] MERCURY PRODUCTS CORP., US
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[25] EN
[54] **METHOD AND APPARATUS FOR**
MEASURING WAVINESS OF PAPER
[54] **METHODE ET APPAREIL POUR**
MESURER L'ODULATION DU PAPIER
[72] PERRAULT, Jacques, CA
[71] ALLIANCE FOREST PRODUCTS
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ALLIANCE INC., CA
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[25] EN
[54] **FRAME WITH JOINING MEANS**
FOR HANGING CHRISTMAS LIGHT
BULB SERIES
[54] **CHASSIS ET MOYENS**
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[72] WANG, Jung Kuei, TW
[71] WANG, Jung Kuei, TW
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[54] **SOCK TURNING DEVICE**
[54] **DISPOSITIF A RETOURNER LES**
CHAUSSETTES
[72] HUGRON, Denis P., CA
[72] DRISDELLE, André M., CA
[71] HUGRON, Denis P., CA
[71] DRISDELLE, André M., CA
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[54] **P,P,L BARROW**
[54] **BROUETTE**
[72] SECHI, Peppino, CA
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[25] EN
[54] **LOW PRESSURE DYNAMIC**
ACCUMULATION TABLE
[54] **TABLE D'ACCUMULATION**
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[72] PETROVIC, Zmaj, CA
[71] GEBO CONVEYORS
CONSULTANTS & SYSTEMS INC., CA
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[51] **Int.Cl. 6B65F 3/02 6B65F 9/00 6B65F**
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[25] EN
[54] **VEHICLE, BIN AND SYSTEM FOR**
COLLECTING, COMPACTING AND
UNLOADING SOURCE-SEPARATED
RECYCLABLES
[54] **VEHICULE, RECIPIENT ET**
SYSTEME POUR COLLECTER,
COMPACTER ET DECHARGER LES
MATIERES RECYCLABLES TRIEES A
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[72] NICOLLS, Rod, CA
[71] NICOLLS, Rod, CA
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[25] EN
[54] **RAS ACTIVATOR NUCLEIC ACID**
MOLECULES, PROTEINS AND
METHODS OF USE
[54] **ACTIVATEUR RAS DE**
MOLECULES D'ACIDE NUCLEIQUE,
PROTEINES ET PROCEDE
D'UTILISATION
[72] PHAM, Nam, CA
[72] ROTIN, Daniela, CA
[71] HSC RESEARCH AND
DEVELOPMENT LIMITED
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[54] **NECKTIE HOLDER AND METHOD OF MAKING SAME**
[54] **SERRE-CRAVATE ET METHODE DE FABRICATION**
[72] BARYLSKI, Gary S., US
[71] BARYLSKI, Gary S., US
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[54] **COLLAPSIBLE WHEELBARROW**
[54] **BROUETTE REPLIABLE**
[72] WESTGARTH, Peter, CA
[71] WESTGARTH, Peter, CA
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[13] A1

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[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO REMOTE MONITORING AND SIGNALLING**
[54] **AMELIORATIONS DANS LE DOMAINE DE LA TELESURVEILLANCE ET DE LA SIGNALISATION**
[72] MEW, Raymond, GB
[72] MEW, Jeanette, GB
[71] MEW, Raymond, GB
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[54] **EXTENDING WING FOR A PLOWING BUCKET**
[54] **AILE PROLONGATRICE POUR GODET DE LABOUR**
[72] AUBIN, Gilles, CA
[71] AUBIN, Gilles, CA
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[25] EN
[54] **DIVERTER TUB SPOUT BODY**
[54] **CHENAL DE COULEE DE DERIVATION DE CUVE**
[72] YANG, Johnny, TW
[71] YANG, Johnny, TW
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[13] A1

[51] **Int.Cl. 6B62D 13/04**
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[54] **TRAILER VEHICLE**
[54] **VEHICULE A REMORQUE**
[72] DÉPAULT, Marcel, CA
[71] DÉPAULT, Marcel, CA
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[54] **MINI-LOG CONTAINER**
[54] **CONTENANT EN MINI-RONDINS**
[72] RONDEAU, Paul J., CA
[71] RONDEAU, Paul J., CA
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[54] **OUTDOOR BALCONY CLOTHES DRYER**
[54] **SECHOIR A LINGE POUR BALCON EXTERIEUR**
[72] MARQUES, Casey, CA
[71] MARQUES, Casey, CA
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[21] **2,259,882**
[13] A1

[51] **Int.Cl. 6G06T 15/00 6G06F 3/14**
[25] EN
[54] **INTERACTIVE SCULPTING FOR VOLUMETRIC EXPLORATION AND FEATURE EXTRACTION**
[54] **MODELAGE INTERACTIF POUR L'EXPLORATION VOLUMETRIQUE ET L'EXTRACTION DE TRAITS**
[72] GATTI, Claudio, CA
[72] CHANN, Robert, CA
[72] ACCOMAZZI, Vittorio, CA
[71] I.S.G. TECHNOLOGIES, INC., CA
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[13] A1

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[25] EN
[54] **LED LIGHT STRIP INSULATION-PIERCING CONNECTOR**
[54] **CONNECTEUR PERCE-ISOLANT POUR RUBAN DE LUMIERES DEL**
[72] GREEN, Richard Jonathan, CA
[71] FRAMATOME CONNECTORS CANADA INC., CA
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[13] A1

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[54] **SPRAY PROTECTION RING**
[54] **ANNEAU DE PROTECTION DE PULVERISATION**
[72] BRENNING, Dieter, DE
[71] PROTEC VERSCHLUSSELEMENTE G.M.B.H., DE
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[54] **BOOT COVER**
[54] **HOUSSE POUR BOTTES**
[72] ABUDA, Jeffrey James William, CA
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[51] **Int.Cl. 6A61B 6/00**
[25] EN
[54] **DEPTH DISCRIMINATION**
[54] **DISCRIMINATION DE**
PROFONDEUR
[72] UNKNOWN, ZZ
[71] ART AEROSPACE RESEARCH
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[51] **Int.Cl. 6G02C 3/04**
[25] EN
[54] **INTEGRAL BI-DIRECTIONAL**
HAND-HELD READING GLASSES
[54] **LOUPES DE LECTURE**
BIDIRECTIONNELLES INTEGRES A
MAIN
[72] SOLO, Ian Peter, CA
[72] SPILKIN, Jonathan, CA
[71] OPTEGO CORPORATION, CA
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[25] EN
[54] **A METHOD FOR INSERTING AND**
DETECTING ELECTRONIC
WATERMARK DATA INTO A DIGITAL
IMAGE AND A DEVICE FOR THE
SAME
[54] **METHODE D'INSERTION ET DE**
DETECTION DE DONNEES DE
FILIGRANES ELECTRONIQUES DANS
UNE IMAGE NUMERIQUE ET
DISPOSITIF CORRESPONDANT
[72] WAKASU, Yutaka, JP
[71] NEC CORPORATION, JP
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[25] EN
[54] **VEHICLE WINDOW DISPLAY**
APPARATUS
[54] **AFFICHEUR POUR FENETRE**
D'UN VEHICULE
[72] McFETRIDGE, Kelly Archibald, CA
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[54] **HOLDER FOR WRITING**
INSTRUMENT
[54] **SUPPORT D'INSTRUMENT POUR**
ECRIRE
[72] JOHNSON, Sixteen Holger, CA
[72] JOHNSON, Alan Grant, CA
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[51] **Int.Cl. 6G04B 19/08**
[25] EN
[54] **CLOCK AND CLOCK FACE**
[54] **HORLOGE ET CADRAN**
D'HORLOGE
[72] LINTLOP, David K., CA
[71] LINTLOP, David K., CA
[22] 1999-01-22
[43] 2000-07-22

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[13] A1
[51] **Int.Cl. 6A61M 1/10**
[25] EN
[54] **SEALLESS BLOOD PUMP WITH**
MEANS FOR AVOIDING THROMBUS
FORMATION
[54] **POMPE A SANG SANS JOINT**
CONCUE DE MANIERE A EVITER LA
FORMATION DE THROMBUS
[72] WAMPLER, Richard K., US
[71] KRITON MEDICAL, INC., US
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[51] **Int.Cl. 6A61K 51/08 6A61K 47/48**
[25] EN
[54] **A METHOD OF TREATING**
TUMOURS EXPRESSING LOW
LEVELS OF NEUTRAL
ENDOPEPTIDASE
[54] **UNE METHODE DE TRAITEMENT**
DES TUMEURS AYANT DE FAIBLES
TENEURS EN ENDOPEPTIDASE
NEUTRE
[72] SIMPSON, Scott D., CA
[72] THORNBAC, John, CA
[71] RESOLUTION PHARMACEUTICALS
INC., CA
[22] 1999-01-22
[43] 2000-07-22

[21] **2,260,192**
[13] A1
[51] **Int.Cl. 6B62D 11/00 6B62B 17/02**
6B62D 55/07
[25] EN
[54] **RECREATIONAL VEHICLE**
[54] **VEHICULE DE PLAISANCE**
[72] BOIVIN, Alain, CA
[72] BOIVIN, Denis, CA
[71] A & D BOIVIN DESIGN INC., CA
[22] 1999-01-21
[43] 2000-07-21

[21] **2,260,208**
[13] A1
[51] **Int.Cl. 6B25H 3/06 6A01G 3/00**
6B25H 5/00 6B66F 11/04
[25] EN
[54] **TOOL HOLDER**
[54] **PORTE-OUTILS**
[72] MILLAR, Irvine J., CA
[72] MCGRATH, Randy C., CA
[71] MCMIL INNOVATIONS INC., CA
[22] 1999-01-21
[43] 2000-07-21

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[21] **2,260,399**
[13] A1

[51] **Int.Cl. 6F24J 2/08 6C02F 1/14 6F24J 2/15**
[25] EN
[54] **SOLAR WATER PURIFICATION CONE**
[54] **CONE SOLAIRE DE PURIFICATION DE L'EAU**
[72] DONNAN, DAVID W., CA
[72] BOISVERT, ALBERT J.S., CA
[71] DONNAN, DAVID W., CA
[71] BOISVERT, ALBERT J.S., CA
[22] 1999-01-19
[43] 2000-07-19

[21] **2,260,400**
[13] A1

[51] **Int.Cl. 6A44B 1/14 6A41H 37/10**
[25] EN
[54] **BUTTON/FABRIC BUTTON**
[54] **BOUTON/BOUTON EN TISSU**
[72] PATEL, Sajidahmed Dawood, CA
[71] PATEL, Sajidahmed Dawood, CA
[22] 1999-01-22
[43] 2000-07-22

[21] **2,260,403**
[13] A1

[51] **Int.Cl. 6A62B 7/00**
[25] FR
[54] **STATION PUFF-PUFF SECURITAIRE**
[54] **SAFE PUFF-PUFF STATION**
[72] JOANNETTE, Louis, CA
[71] JOANNETTE, Louis, CA
[22] 1999-01-19
[43] 2000-07-19

[21] **2,260,405**
[13] A1

[51] **Int.Cl. 6E01B 11/02**
[25] FR
[54] **JOINT D'ALIGNEMENT, PORTE A CHARIOTS ET METHODE DE JONCTION**
[54] **ALIGNMENT JOINT, TROLLEY GATE AND COUPLING METHOD**
[72] MARCOTTE, Denis, CA
[71] MARCOTTE, Denis, CA
[22] 1999-01-18
[43] 2000-07-18

[21] **2,261,488**
[13] A1

[51] **Int.Cl. 6A61B 17/00**
[25] EN
[54] **TRANSABDOMINAL DEVICE FOR PERFORMING CLOSED-CHEST CARDIAC SURGERY**
[54] **DISPOSITIF TRANSABDOMINAL POUR PRATIQUER UNE CHIRURGIE CARDIAQUE A THORAX FERME**
[72] PAOLITTO, Anthony, CA
[72] VALENTINI, Valerio, CA
[72] CARTIER, Raymond, CA
[71] PAOLITTO, Anthony, CA
[71] VALENTINI, Valerio, CA
[71] CARTIER, Raymond, CA
[22] 1999-01-21
[43] 2000-07-21

[21] **2,261,492**
[13] A1

[51] **Int.Cl. 6B60C 7/24**
[25] EN
[54] **IMPROVEMENTS IN THE FIELD OF SOLID/NONPNEUMATIC TIRES**
[54] **AMELIORATIONS DANS LE DOMAINE DES PNEUS A BANDAGE PLEIN/NON PNEUMATIQUES**
[72] IMS, Horst Otto Herbert, CA
[71] IMS, Horst Otto Herbert, CA
[22] 1999-01-21
[43] 2000-07-21

[21] **2,262,340**
[13] A1

[51] **Int.Cl. 6A63B 23/02 6A63B 21/015**
[25] EN
[54] **ROTATOR CUFF EXERCISER**
[54] **EXERCISEUR DE LA COIFFE DES ROTATEURS**
[72] DRAPER, Bruce, CA
[71] DRAPER, Bruce, CA
[22] 1999-01-21
[43] 2000-07-21

[21] **2,262,720**
[13] A1

[51] **Int.Cl. 6E04B 1/14 6E04B 1/32**
[25] EN
[54] **PRESTRESSED UNITARY BUILDING METHOD AND STRUCTURE**
[54] **STRUCTURE ET METHODE D'UNITE PRECONTRAINTE DE CONSTRUCTION**
[72] MILL, Donald R., US
[71] MILL, Donald R., US
[22] 1999-02-23
[43] 2000-07-19
[30] US (09/233,225) 1999-01-19

[21] **2,273,704**
[13] A1

[51] **Int.Cl. 6E01H 5/09 6E01H 1/05 6E01H 5/12**
[25] EN
[54] **DEVICE FOR REMOVING SNOW AND OTHER DEBRIS FROM GROUND SURFACES**
[54] **DISPOSITIF POUR ENLEVER LA NEIGE ET AUTRES DEBRIS A LA SURFACE DU SOL**
[72] MONROE, James C., US
[71] MONROE, James C., US
[22] 1999-06-03
[43] 2000-07-22
[30] US (235,980) 1999-01-22

[21] **2,275,058**
[13] A1

[51] **Int.Cl. 6G06F 13/38**
[25] EN
[54] **METHOD OF DISCRETE INTERACTIVE MULTIMEDIA LIST BROADCASTING**
[54] **METHODE DE DIFFUSION INTERACTIVE DE LISTES MULTIMEDIAS DISCRETES**
[72] KREBS, MARK SINCLAIR, CA
[72] WAESE, JERRY RICHARD, CA
[71] KREBS, MARK SINCLAIR, CA
[71] WAESE, JERRY RICHARD, CA
[22] 1999-06-15
[43] 2000-07-21
[30] US (09/233,911) 1999-01-21

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[21] **2,280,576**
[13] A1
[51] **Int.Cl. 6H04L 9/28**
[25] EN
[54] **A QUANTUM CRYPTOGRAPHIC COMMUNICATION CHANNEL BASED ON QUANTUM COHERENCE**
[54] **CANAL DE COMMUNICATION CRYPTOGRAPHIQUE QUANTIQUE BASE SUR LA COHERENCE QUANTIQUE**
[72] WANG, LIJUN, US
[71] NEC CORPORATION, JP
[22] 1999-08-20
[43] 2000-07-21
[30] US (09/234,765) 1999-01-21

[21] **2,281,332**
[13] A1
[51] **Int.Cl. 6G01M 19/00**
[25] EN
[54] **SURVEILLANCE OF STRUCTURES**
[54] **SURVEILLANCE DE STRUCTURES**
[72] PAULSON, PETER O., CA
[72] ELLIOTT, JOHN, CA
[71] PAULSON, PETER O., CA
[71] ELLIOTT, JOHN, CA
[22] 1999-09-03
[43] 2000-07-20
[30] CA (2,259,717) 1999-01-20

[21] **2,282,209**
[13] A1
[51] **Int.Cl. 6E06B 1/34**
[25] EN
[54] **MOUNTING DEVICE FOR MOUNTING A MOLDING**
[54] **DISPOSITIF DE MONTAGE D'UN MOULE**
[72] WOOD, JAMES, US
[71] D/P INC. D/B/A THE JAMES WOOD COMPANY, US
[22] 1999-09-15
[43] 2000-07-19
[30] US (09/234,013) 1999-01-19

[21] **2,283,621**
[13] A1
[51] **Int.Cl. 6B61F 5/50 6B61H 1/00 6B61F 5/38**
[25] EN
[54] **STEERING ARMS AND RAILWAY CAR TRUCKS WITH IMPROVED ACCESS TO BRAKE SHOE KEYS AND METHOD OF CHANGING BRAKE SHOES**
[54] **BRAS DE DIRECTION ET CHARIOTS-DIABLES DE CHEMIN DE FER A ACCES AMELIORE AUX CLAVETTES DE SABOTS DE FREINS ET METHODE DE REMPLACEMENT DES SABOTS DE FREINS**
[72] HIATT, ANTHONY R., US
[72] ANDERSON, NORMAN G., US
[72] NASSAR, RAMI V., US
[71] AMSTED INDUSTRIES INCORPORATED, US
[22] 1999-09-27
[43] 2000-07-22
[30] US (09/235,996) 1999-01-22

[21] **2,284,424**
[13] A1
[51] **Int.Cl. 6B31B 1/88**
[25] EN
[54] **BOX MAKING MACHINES AND METHOD OF RETROFITTING**
[54] **MACHINES DE FABRICATION DE BOITES ET METHODE DE RATRAPAGE**
[72] PHILLIPS, DANIEL CUNNINGTON III, US
[71] SUN AUTOMATION, INC., US
[22] 1999-09-30
[43] 2000-07-22
[30] US (60/116,849) 1999-01-22
[30] US (09/265,816) 1999-03-10

[21] **2,284,476**
[13] A1
[51] **Int.Cl. 6E06B 3/67**
[25] EN
[54] **MUNTIN GRID AND JOINER**
[54] **GRILLE DE MENEUX ET PIECES DE RABOUTAGE**
[72] McGLINCHY, TIMOTHY BRYAN, US
[72] KHALFOUN, MOHAMED C., US
[71] GLASS EQUIPMENT DEVELOPMENT, INC., US
[22] 1999-10-05
[43] 2000-07-20
[30] US (09/233,834) 1999-01-20

[21] **2,285,777**
[13] A1
[51] **Int.Cl. 6B60R 1/08 6B60Q 9/00**
[25] EN
[54] **REARVIEW MIRRORS WITH INTEGRAL DISPLAY ELEMENTS FOR MOTOR VEHICLES**
[54] **RETROVISEURS MUNIS D'ELEMENTS VISUELS INTEGRES POUR VEHICULES A MOTEUR**
[72] RENNER, CHRISTOPHER, DE
[72] LANG, HEINRICH, DE
[72] SEIBOTH, WOLFGANG, DE
[71] LANG-MEKRA NORTH AMERICA, LLC, US
[22] 1999-10-08
[43] 2000-07-22
[30] DE (199 02 487.1) 1999-01-22

[21] **2,286,467**
[13] A1
[51] **Int.Cl. 6A47D 5/00**
[25] EN
[54] **PORTABLE UNIT FOR CHANGING CLOTHES TO A BABY OR CARRYING OUT PERSONAL HYGIENE OF SAME**
[54] **UNITE PORTABLE POUR CHANGER DE VETEMENTS UN BEBE OU POUR TRANSPORTER DES PRODUITS DE SOINS CORPORELS**
[72] ERLI, PIERANGELO, IT
[71] STAMP S.R.L., IT
[22] 1999-10-14
[43] 2000-07-19
[30] IT (MI99U000026) 1999-01-19

[21] **2,289,309**
[13] A1
[51] **Int.Cl. 7B29C 65/48 7E04B 5/00 7E04F 13/00**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING WATER RESISTANCE OF LAMINATE FLOORING**
[54] **SYSTEME ET METHODE POUR AMELIORER L'IMPERMEABILITE A L'EAU DES PLANCHERS LAMELLAIRES**
[72] SYKES, MALCOLM P., US
[72] WOHLER, CLIFFORD D., SR., US
[72] STOLARSKI, VICTORIA LYNN, US
[72] REEB, WILLIAM R., JR., US
[72] LUBOWINSKI, STEVEN J., US
[72] MAFOTI, ROBSON, US
[72] NELSON, THOMAS J., US
[71] PREMARK RWP HOLDINGS, INC., US
[22] 1999-11-10
[43] 2000-07-18
[30] US (09/232,546) 1999-01-18

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[21] **2,290,182**
[13] A1

[51] **Int.Cl. 7B60R 1/02 7B60R 11/04 7B60R 1/12**
[25] EN
[54] **REARVIEW MIRROR, WITH CAMERA**
[54] **RETROVISEUR, AVEC CAMERA**
[72] LANG, HEINRICH, DE
[72] RENNER, CHRISTOPHER, DE
[71] LANG-MEKRA NORTH AMERICA, LLC, US
[22] 1999-11-23
[43] 2000-07-22
[30] DE (199 02 486.3) 1999-01-22
[30] DE (199 03 595.4) 1999-01-29

[21] **2,290,189**
[13] A1

[51] **Int.Cl. 7F16G 11/02 7F16G 11/14**
[25] EN
[54] **A METHOD AND APPARATUS FOR SECURING A TERMINATION ELEMENT TO A WIRE ROPE**
[54] **METHODE ET APPAREIL POUR SECURISER UN ELEMENT DE TERMINAISON A UN CABLE**
[72] LUCAS, CHARLES E., US
[71] THE CROSBY GROUP, INC., US
[22] 1999-11-22
[43] 2000-07-19
[30] US (09/233,642) 1999-01-19
[30] US (09/426,069) 1999-10-21

[21] **2,290,260**
[13] A1

[51] **Int.Cl. 7A47J 31/44 7A47J 31/06**
[25] EN
[54] **BEVERAGE FILTER CARTRIDGE HOLDER**
[54] **SUPPORT DE CARTOUCHE POUR UN FILTRE A BOISSON**
[72] SWEENEY, RICHARD P., US
[72] SYLVAN, JOHN E., US
[72] WORAM, MICHAEL G., US
[72] FOCHT, KENNETH A., US
[72] KWO, JENNIE, US
[72] BEAULIEU, RODERICK H., US
[72] WUERTELE, JAMES W., US
[71] KEURIG, INC., US
[22] 1999-11-24
[43] 2000-07-19
[30] US (09/232,993) 1999-01-19

[21] **2,290,513**
[13] A1

[51] **Int.Cl. 7F15B 15/10 7F15B 13/04**
[25] EN
[54] **DIAPHRAGM PISTON VALVE**
[54] **DIAPHRAGME DE VALVE A PISTON**
[72] HUBER, HOWARD E., JR., US
[71] NEW YORK AIR BRAKE CORPORATION, US
[22] 1999-11-25
[43] 2000-07-19
[30] US (09/232,720) 1999-01-19

[21] **2,290,601**
[13] A1

[51] **Int.Cl. 7A47J 31/00**
[25] EN
[54] **AUTOMATED BEVERAGE BREWING SYSTEM**
[54] **SYSTEME DE BRASSAGE DE BOISSON AUTOMATISE**
[72] FOCHT, KENNETH A., US
[72] SWEENEY, RICHARD P., US
[72] KWO, JENNIE, US
[72] SYLVAN, JOHN E., US
[72] WUERTELE, JAMES W., US
[72] BEAULIEU, RODERICK H., US
[71] KEURIG, INC., US
[22] 1999-11-25
[43] 2000-07-19
[30] US (09/232,994) 1999-01-19

[21] **2,291,197**
[13] A1

[51] **Int.Cl. 7H02G 15/013 7H02G 15/10 7G02B 6/44**
[25] EN
[54] **SINGLE AND DUAL CABLE SEAL SYSTEM**
[54] **SYSTEME D'ETANCHEITE DE CABLE SIMPLE OU DOUBLE**
[72] DINH, CONG THANH, US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 1999-11-29
[43] 2000-07-19
[30] US (233,237) 1999-01-19

[21] **2,291,336**
[13] A1

[51] **Int.Cl. 7B01D 24/16 7B01D 24/46**
[25] EN
[54] **METHOD AND APPARATUS FOR FILTERING A LIQUID**
[54] **METHODE ET APPAREIL DE FILTRAGE DE LIQUIDE**
[72] BEAUCHAMP, PIERRE, CA
[71] BEAUCHAMP, PIERRE, CA
[71] PLASTI-DRAIN LTÉE, CA
[22] 1999-11-30
[43] 2000-07-21
[30] CA (2,260,178) 1999-01-21

[21] **2,291,891**
[13] A1

[51] **Int.Cl. 7B29D 5/10**
[25] EN
[54] **TRANSVERSE DIRECTION ZIPPER ATTACHING APPARATUS AND METHOD**
[54] **PROCEDE ET METHODE POUR JOINDRE UNE FERMETURE A GLISSIERE A DIRECTION TRANSVERSALE**
[72] MATTHEWS, DAVID J., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 1999-12-07
[43] 2000-07-19
[30] US (09/234,174) 1999-01-19

[21] **2,291,919**
[13] A1

[51] **Int.Cl. 7A63G 21/00**
[25] EN
[54] **RECREATION DECK WITH CENTRAL LOAD BEARING MEMBER**
[54] **TERRASSE DE LOISIRS AVEC ELEMENT PORTEUR CENTRAL**
[72] SUTTON, WESLEY D., US
[72] BLACKWOOD, KIM, US
[72] MCBRIDE, BRANDON, US
[71] PLAYCORE, INC., US
[22] 1999-12-07
[43] 2000-07-20
[30] US (09/233,966) 1999-01-20

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[21] **2,292,008**
[13] A1
[51] **Int.Cl. 7B60T 13/58 7B61H 13/00 7B60T 17/16**
[25] EN
[54] **HYDRAULIC PARKING BRAKE FOR A RAILROAD VEHICLE BRAKING SYSTEM**
[54] **FREIN DE STATIONNEMENT HYDRAULIQUE POUR SYSTEME DE FREINAGE DE VEHICULE DE CHEMIN DE FER**
[72] ZEMYAN, JAMES M., US
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1999-12-09
[43] 2000-07-20
[30] US (233,896) 1999-01-20

[21] **2,292,228**
[13] A1
[51] **Int.Cl. 7H01R 29/00 7H02K 13/00**
[25] EN
[54] **PLUG FOR CHANGING AN OPERATING CONDITION OF AN ELECTRIC MOTOR**
[54] **FICHE POUR LA MODIFICATION DE LA CONDITION DE FONCTIONNEMENT D'UN MOTEUR ELECTRIQUE**
[72] PETERS, RICHARD E., US
[71] A.O. SMITH CORPORATION, US
[22] 1999-12-14
[43] 2000-07-22
[30] US (09/235,433) 1999-01-22

[21] **2,292,326**
[13] A1
[51] **Int.Cl. 7D06N 3/00 7E04F 15/10**
[25] EN
[54] **SHEET FLOORING PRODUCT AND METHOD**
[54] **PRODUIT EN FEUILLE POUR REVETEMENT DE SOL ET METHODE**
[72] CHRISTIE, PETER A., US
[72] KAUFFMAN, WILLIAM J., US
[72] WRIGHT, RALPH W., JR., US
[72] HYNICKA, STEVEN F., US
[72] SAPORETTI, WILLIAM B., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 1999-12-13
[43] 2000-07-21
[30] US (09/234,887) 1999-01-21

[21] **2,292,439**
[13] A1
[51] **Int.Cl. 7H04J 14/02 7H04L 5/14 7H04B 10/24**
[25] EN
[54] **DUPLEX OPTICAL TRANSMISSION SYSTEM**
[54] **SYSTEME DE TRANSMISSION OPTIQUE DUPLEX**
[72] ROURKE, HOWARD NEIL, GB
[72] JOLLEY, NIGEL EDWARD, GB
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-12-16
[43] 2000-07-20
[30] GB (9901243.7) 1999-01-20

[21] **2,292,472**
[13] A1
[51] **Int.Cl. 7G03F 7/00 7B41C 1/10**
[25] EN
[54] **LITHOGRAPHIC IMAGING WITH REDUCED POWER REQUIREMENTS**
[54] **IMAGERIE LITHOGRAPHIQUE A EXIGENCES D'ALIMENTATION REDUITES**
[72] CASSIDY, KENNETH R., US
[72] LEWIS, THOMAS E., US
[72] D'AMATO, RICHARD J., US
[71] PRESSTEK, INC., US
[22] 1999-12-10
[43] 2000-07-21
[30] US (09/245,103) 1999-01-21

[21] **2,292,978**
[13] A1
[51] **Int.Cl. 7G02B 6/13**
[25] EN
[54] **OPTICAL WAVEGUIDES, OPTICAL CIRCUITS AND METHOD AND APPARATUS FOR PRODUCING OPTICAL WAVEGUIDES AND OPTICAL CIRCUITS**
[54] **GUIDES D'ONDES OPTIQUES, CIRCUITS OPTIQUES AINSI QUE METHODE ET DISPOSITIF DE PRODUCTION DE GUIDES D'ONDES ET DE CIRCUITS OPTIQUES**
[72] HATAMI-HANZA, HAMID, CA
[71] NU-WAVE PHOTONICS INC., CA
[22] 1999-12-21
[43] 2000-07-20
[30] CA (2,259,350) 1999-01-20

[21] **2,293,105**
[13] A1
[51] **Int.Cl. 7E04H 13/00**
[25] EN
[54] **MEMORIAL PLAQUE WITH REMOVABLE MARKER BLOCK**
[54] **PLAQUE COMMEMORATIF AVEC UN BLOC D'INSCRIPTION AMOVIBLE**
[72] KRAWCZYK, ANDREW, CA
[71] BIONDAN & LP (CANADA) LTD., CA
[22] 1999-12-23
[43] 2000-07-19
[30] US (09/234,280) 1999-01-19

[21] **2,293,164**
[13] A1
[51] **Int.Cl. 7E05B 63/08**
[25] EN
[54] **MORTISE LATCH AND VERTICAL ROD EXIT DEVICE**
[54] **LOQUET A MORTAISER ET DISPOSITIF DE SORTIE DE TIGE VERTICALE**
[72] ELLER, DARREN C., US
[72] PICARD, DANIEL J., US
[71] SARGENT MANUFACTURING COMPANY, US
[22] 1999-12-29
[43] 2000-07-22
[30] US (09/236,778) 1999-01-22

[21] **2,293,183**
[13] A1
[51] **Int.Cl. 7B23K 9/09 7B23K 9/095**
[25] EN
[54] **HIGH CURRENT WELDING POWER SUPPLY**
[54] **BLOC D'ALIMENTATION POUR SOUDURE A HAUTE INTENSITE**
[72] STAVA, ELLIOTT K., US
[71] LINCOLN GLOBAL, INC., US
[22] 1999-12-24
[43] 2000-07-19
[30] US (09/233,235) 1999-01-19

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[21] **2,293,749**
[13] A1

[51] **Int.Cl. 7H01M 4/32**
[25] FR
[54] **ELECTRODE AU NICKEL NON FRITTEE POUR GENERATEUR ELECTROCHIMIQUE SECONDAIRE A ELECTROLYTE ALCALIN**
[54] **UNSINTERED NICKEL ELECTRODE FOR ALKALINE ELECTROLYTE SECONDARY ELECTROCHEMICAL GENERATOR**
[72] JAN, OLIVIER, FR
[72] BERNARD, PATRICK, FR
[72] AUDRY, CLAUDETTE, FR
[72] BAUDRY, MICHELLE, FR
[71] ALCATEL, FR
[22] 1999-12-24
[43] 2000-07-21
[30] FR (99 00 618) 1999-01-21

[21] **2,293,872**
[13] A1

[51] **Int.Cl. 7B26D 5/02**
[25] EN
[54] **APPARATUS FOR REMOVING BINDER STRAPS FROM, FOR EXAMPLE, COILS BOUND THEREBY**
[54] **APPAREIL POUR L'ENLEVEMENT DE BANDES D'ATTACHE DE BOBINES AINSI RELIEES, PAR EXEMPLE**
[72] NOÉ, ANDREAS, DE
[72] KELLER, REINHOLD, DE
[72] NOÉ, ROLF, DE
[71] BWG BERGWERK-UND WALZWERK MASCHINENBAU GMBH, DE
[22] 2000-01-04
[43] 2000-07-20
[30] DE (199 02 026.4) 1999-01-20

[21] **2,293,933**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **ACTIVE DATABASE TRIGGER PROCESSING USING A TRIGGER GATEWAY**
[54] **TRAITEMENT DE COMMANDES DE DECLENCHEMENT DE BASE DE DONNEES ACTIVE AU MOYEN D'UNE PASSERELLE DE DECLENCHEMENT**
[72] SILVA, JULIANA FREIRE, US
[72] ARLEIN, ROBERT M., US
[72] ORDILLE, JOANN JANET, US
[72] MICHAEL, GAVIN C., US
[72] LIEUWEN, DANIEL FRANCIS, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-01-05
[43] 2000-07-22
[30] US (09/235,730) 1999-01-22

[21] **2,293,858**
[13] A1

[51] **Int.Cl. 7B60Q 1/28 7B60Q 1/04**
[25] EN
[54] **DAY LIGHT HARNESS ADAPTOR**
[54] **ADAPTATEUR D'HARNAIS DE PHARE DE JOUR**
[72] PERDEC, ROMAN, CA
[71] THE LOUIS BERKMAN COMPANY, US
[22] 2000-01-04
[43] 2000-07-19
[30] US (09/232,238) 1999-01-19

[21] **2,293,878**
[13] A1

[51] **Int.Cl. 7C09D 1/00 7F16D 69/02 7C09D 161/10**
[25] EN
[54] **FRICTION SURFACE COATING FOR A FRICTION MATERIAL OF A BRAKE SYSTEM**
[54] **REVETEMENT DE SURFACE DE PARTIES FROTTANTES POUR MATERIAU DE FROTTEMENT D'UN SYSTEME DE FREINAGE**
[72] SCHOO, NORBERT, DE
[72] SCHWARZ, UWE, DE
[72] PFANNEBECKER, THOMAS, DE
[72] GRIMME, HANSJORG, DE
[71] ALLIEDSIGNAL BREMSBELAG GMBH, DE
[22] 2000-01-04
[43] 2000-07-20
[30] DE (299 00 868.1) 1999-01-20
[30] DE (299 01 314.6) 1999-01-27

[21] **2,293,934**
[13] A1

[51] **Int.Cl. 7H04B 10/10**
[25] EN
[54] **FREE SPACE OPTICAL BROADBAND ACCESS SYSTEM**
[54] **SYSTEME D'ACCES A LARGE BANDE OPTIQUE SANS CONTRAINTE D'ESPACE**
[72] BYERS, CHARLES CALVIN, US
[72] HINTERLONG, STEPHEN JOSEPH, US
[72] NOVOTNY, ROBERT ALLEN, US
[72] RICHARDSON, ROBERT E., JR., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-01-05
[43] 2000-07-19
[30] US (60/116,378) 1999-01-19
[30] US (09/379,649) 1999-08-24

[21] **2,293,870**
[13] A1

[51] **Int.Cl. 7H04B 17/00 7H04Q 7/34**
[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING RADIO FREQUENCY CONDITIONS FOR TESTING WIRELESS COMMUNICATIONS EQUIPMENT**
[54] **APPAREIL ET PROCEDE POUR FOURNIR DES CONDITIONS DE FREQUENCES RADIOS POUR TESTER L'EQUIPEMENT DE COMMUNICATIONS SANS FIL**
[72] LESSNICK, RONALD, US
[72] WANG, HONGYI, US
[72] MEYERS, MARTIN HOWARD, US
[72] FUNK, ROBERT BERNARD, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-01-04
[43] 2000-07-19
[30] US (09/233,175) 1999-01-19

[21] **2,293,904**
[13] A1

[51] **Int.Cl. 7B25B 5/00**
[25] EN
[54] **PNEUMATIC CLAMP**
[54] **PINCE PNEUMATIQUE**
[72] McNAMARA, JEFFREY S., US
[72] BROWN, GERALD A., US
[72] PAGELS, DONALD D., JR., US
[71] UNOVA IP CORP., US
[22] 2000-01-04
[43] 2000-07-22
[30] US (09/235,693) 1999-01-22

[21] **2,293,946**
[13] A1

[51] **Int.Cl. 7H04Q 9/00**
[25] EN
[54] **USING PAGING OR SATELLITE PAGING TO TRIGGER REMOTE DEVICES**
[54] **UTILISATION DU TELEAPPEL OU DU TELEAPPEL PAR SATELLITE POUR DECLENCHER DES DISPOSITIFS A DISTANCE**
[72] KRAML, MARK H., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-01-05
[43] 2000-07-21
[30] US (09/245,101) 1999-01-21

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[21] **2,293,947**
[13] A1

[51] **Int.Cl. 7H04L 12/54**
[25] EN
[54] **SYSTEM AND METHOD FOR ESTABLISHING RELATIONSHIPS BETWEEN HYPERTEXT REFERENCES AND ELECTRONIC MAIL PROGRAM INCORPORATING THE SAME**
[54] **SYSTEME ET METHODE D'ETABLISSEMENT DE RELATIONS ENTRE REFERENCES EN HYPERTEXTE ET PROGRAMME DE COURRIER ELECTRONIQUE INTEGRANT CES ELEMENTS**
[72] WILLIAMS, MARVIN L., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-01-05
[43] 2000-07-20
[30] US (09/234351) 1999-01-20

[21] **2,293,955**
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04B 7/204 7H04B 7/216**
[25] EN
[54] **ENHANCED CHANNEL ALLOCATION AMONG MULTIPLE CARRIERS IN A SPREAD SPECTRUM COMMUNICATIONS SYSTEM**
[54] **ATTRIBUTION AMELIOREE DES CANAUX PARMI DES PORTEUSES MULTIPLES DANS UN SYSTEME DE COMMUNICATIONS A SPECTRE ETALE**
[72] JIANG, FRANCES, US
[72] HUANG, CHING YAO, US
[72] KOO, YUEN-YIN L., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-01-05
[43] 2000-07-21
[30] US (09/234,414) 1999-01-21

[21] **2,294,406**
[13] A1

[51] **Int.Cl. 7B01J 19/32 7F28F 25/08**
[25] EN
[54] **PACKING WITH A CROSS CHANNEL STRUCTURE FOR A MATERIAL EXCHANGE COLUMN WITH A HIGH SPECIFIC SEPARATION PERFORMANCE**
[54] **GARNITURE DE STRUCTURE A CANAUX TRANSVERSAUX POUR COLONNE ECHANGEUSE DE MATERIAUX A HAUT RENDEMENT DE SEPARATION SPECIFIQUE**
[72] KESSLER, ALWIN, CH
[71] SULZER CHEMTECH AG, CH
[22] 2000-01-07
[43] 2000-07-21
[30] EP (99 810 041.6) 1999-01-21

[21] **2,294,411**
[13] A1

[51] **Int.Cl. 7A63H 17/00**
[25] EN
[54] **HOPPING MECHANISM FOR MODEL CAR**
[54] **MECANISME DE LEVEE POUR MODELE REDUIT**
[72] REHKEMPER, JEFFREY G., US
[72] REHKEMPER, STEVEN F., US
[71] REHKEMPER, JEFFREY G., US
[71] REHKEMPER, STEVEN F., US
[22] 2000-01-07
[43] 2000-07-19
[30] US (09/233,673) 1999-01-19

[21] **2,294,575**
[13] A1

[51] **Int.Cl. 7C12N 15/70 7C12N 1/21 7C12N 15/24 7C12N 15/67**
[25] EN
[54] **PLASMIDS, THEIR CONSTRUCTION AND THEIR USE IN THE MANUFACTURE OF INTERLEUKIN-4 AND INTERLEUKIN-4 MUTEINS**
[54] **PLASMIDES, SYNTHESE DE CES PLASMIDES ET UTILISATION DE CES PLASMIDES DANS LA PRODUCTION DE L'INTERLEUKINE 4 ET DE MUTEINES D'INTERLEUKINE 4**
[72] WEHLMANN, HERMANN, DE
[72] APELER, HEINER, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-01-17
[43] 2000-07-20
[30] EP (99100967.1) 1999-01-20

[21] **2,294,655**
[13] A1

[51] **Int.Cl. 7H01J 61/54 7H01J 61/56**
[25] EN
[54] **METAL HALIDE LAMP WITH A STARTING AID**
[54] **LAMPE AUX HALOGENURES AVEC ACCESSOIRE D'AMORCAGE**
[72] STOCKWALD, KLAUS, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE
[22] 2000-01-07
[43] 2000-07-20
[30] DE (19901987.8) 1999-01-20

[21] **2,294,692**
[13] A1

[51] **Int.Cl. 7H04Q 3/66 7H04Q 3/64**
[25] EN
[54] **CALL CENTER TELEPHONE AND DATA FLOW CONNECTION SYSTEM**
[54] **SYSTEME DE TRANSFERT D'APPELS TELEPHONIQUE ET DE DONNEES DANS UN CENTRAL**
[72] DENTON, GREGORY A., US
[72] COOK, WENDY S., US
[71] DENTON, GREGORY A., US
[71] COOK, WENDY S., US
[22] 2000-01-11
[43] 2000-07-21
[30] US (09/235,065) 1999-01-21

[21] **2,295,259**
[13] A1

[51] **Int.Cl. 7B60H 1/24 7B60J 1/20 7B60H 1/26**
[25] EN
[54] **VENTILATION SYSTEM FOR CAR WINDOW**
[54] **SYSTEME DE VENTILATION POUR FENETRE D'AUTOMOBILE**
[72] IINO, KOJI, JP
[71] IINO, KOJI, JP
[22] 2000-01-11
[43] 2000-07-22
[30] JP (HEI 11-14731) 1999-01-22
[30] JP (HEI 11-286577) 1999-10-07

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[21] **2,295,285**
[13] A1

[51] **Int.Cl. 7B60G 11/26 7B60G 5/00 7B60G 15/08**
[25] EN
[54] **PNEUMATIC VEHICLE SUSPENSION SYSTEM WITH VARIABLE SPRING STIFFNESS**
[54] **SYSTEME DE SUSPENSION PNEUMATIQUE DE VEHICULE AVEC RESSORT A RIGIDITE VARIABLE**
[72] PENZOTTI, ROGER P., US
[71] PACCAR INC., US
[22] 2000-01-12
[43] 2000-07-19
[30] US (09/233,403) 1999-01-19

[21] **2,295,340**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04N 7/173**
[25] EN
[54] **METHOD AND APPARATUS FOR SPECIFYING PERFORMANCE FOR MULTIMEDIA COMMUNICATIONS**
[54] **METHODE ET APPAREIL POUR SPECIFIER LA PERFORMANCE POUR LES COMMUNICATIONS MULTIMEDIA**
[72] ROY, RADHIKA R., US
[71] AT&T CORP., US
[22] 2000-01-06
[43] 2000-07-19
[30] US (60/116,269) 1999-01-19

[21] **2,295,350**
[13] A1

[51] **Int.Cl. 7C21B 13/10**
[25] EN
[54] **METHOD FOR MANUFACTURING REDUCED IRON AGGLOMERATES AND APPARATUS THEREFOR**
[54] **METHODE DE FABRICATION D'AGGLOMERATS DE FER REDUITS ET APPAREIL POUR METTRE EN OEUVRE CELLE-CI**
[72] HARADA, TAKAO, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.), JP
[22] 2000-01-12
[43] 2000-07-18
[30] JP (11-9471) 1999-01-18

[21] **2,295,370**
[13] A1

[51] **Int.Cl. 7A63B 71/06**
[25] EN
[54] **DISPLAY APPARATUS FOR USE IN ATHLETIC GAMES**
[54] **APPAREIL D’AFFICHAGE POUR LES JEUX ATHLETIQUES**
[72] YUKI, NORIHIRO, JP
[72] TANAKA, MASAYUKI, JP
[72] SHISHIDO, HIDEOMI, JP
[72] KOBAYASHI, KATSUMI, JP
[72] KOYAMA, MITSUO, JP
[72] NAGAO, YUKINORI, JP
[71] MOLTEN CORPORATION, JP
[22] 2000-01-13
[43] 2000-07-18
[30] JP (11-9201) 1999-01-18

[21] **2,295,372**
[13] A1

[51] **Int.Cl. 7B62B 3/00**
[25] EN
[54] **UTILITY CART**
[54] **CHARIOT TOUT USAGE**
[72] GAFFNEY, THOMAS E., US
[71] THE VOLLRATH COMPANY, L.L.C., US
[22] 2000-01-13
[43] 2000-07-18
[30] US (09/232,545) 1999-01-18

[21] **2,295,382**
[13] A1

[51] **Int.Cl. 7H02M 7/217 7H02J 9/00**
[25] EN
[54] **SWITCHING POWER SUPPLY UNIT**
[54] **ALIMENTATION A DECOUPAGE**
[72] NAKAHIRA, KOJI, JP
[72] NISHIDA, AKIO, JP
[71] MURATA MANUFACTURING CO., LTD., JP
[22] 2000-01-14
[43] 2000-07-18
[30] JP (11-9467) 1999-01-18
[30] JP (11-253551) 1999-09-07

[21] **2,295,421**
[13] A1

[51] **Int.Cl. 7H01L 21/304**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING PRODUCTS, MOUNTED ON A COMMON SUBSTRATE, FROM EACH OTHER ALONG (A) CUTTING LINE (S)**
[54] **METHODE ET DISPOSITIF POUR SEPARER DES PRODUITS, MONTE SUR UN SUBSTRAT COMMUN, D’UN DE L’AUTRE SUR (UNE) LIGNE (S) DE DECOUPAGE**
[72] MENSCHAAR, HUGO FRANKLIN, NL
[72] VAN SPRANG, WILHELMUS GIJSBERTUS LEONARDUS, NL
[72] RISCHKE, JORG WERNER, NL
[71] MECO EQUIPMENT ENGINEERS B. V., NL
[22] 2000-01-14
[43] 2000-07-19
[30] NL (1011077) 1999-01-19

[21] **2,295,458**
[13] A1

[51] **Int.Cl. 7F23M 11/04 7F23N 5/08**
[25] EN
[54] **MONITORING FOR THE PRESENCE OF A FLAME IN A BURNER**
[54] **SURVEILLANCE DE LA PRESENCE DE FLAMME DANS UN BRULEUR**
[72] KEMP, BRENDAN, GB
[72] NICHOLS, PAUL JAMES, GB
[71] AUTOFLAME ENGINEERING LIMITED, GB
[22] 2000-01-11
[43] 2000-07-20
[30] US (09/234,391) 1999-01-20

[21] **2,295,469**
[13] A1

[51] **Int.Cl. 7A61K 31/485 7A61K 31/137 7A61K 31/216 7A61K 9/22 7A61K 31/4468 7A61K 31/451 7A61K 31/4545 7A61K 31/47 7A61K 9/52**
[25] EN
[54] **ANALGESIC WITH CONTROLLED ACTIVE SUBSTANCE RELEASE**
[54] **ANALGESIQUE A DEGAGEMENT DE SUBSTANCE ACTIVE CONTROLE**
[72] BETZING, JURGEN, DE
[72] BARTHOLOMÄUS, JOHANNES, DE
[71] GRUNENTHAL GMBH, DE
[22] 2000-01-14
[43] 2000-07-18
[30] DE (199 01 683.6) 1999-01-18

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[21] **2,295,470**
[13] A1
[51] **Int.Cl. 7A61K 31/135 7A61K 9/20 7A61K 9/48**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF PELLETS WITH A CONTENT OF UP TO 90 WT.% OF A PHARMACEUTICAL ACTIVE INGREDIENT**
[54] **PROCEDE POUR LA PREPARATION DE COMPRIMES AYANT UN CONTENU DE PLUS DE 90 WT.% D'INGREDIENT PHARMACEUTIQUE ACTIF**
[72] ZIEGLER, IRIS, DE
[72] BARTHOLOMÄUS, JOHANNES HEINRICH, DE
[71] GRUNENTHAL GMBH, DE
[22] 2000-01-14
[43] 2000-07-18
[30] DE (199 01 692.5) 1999-01-18

[21] **2,295,471**
[13] A1
[51] **Int.Cl. 7A61K 31/485 7A61K 31/137 7A61K 31/216 7A61K 9/22 7A61K 31/4468 7A61K 31/451 7A61K 31/4545 7A61K 31/47 7A61K 9/52**
[25] EN
[54] **OPIOID ANALGESICS WITH CONTROLLED ACTIVE SUBSTANCE RELEASE**
[54] **ANALGESIQUES OPIOIDE AVEC UNE LIBERATION PROGRESSIVE D'INGREDIENTS ACTIFS**
[72] BARTHOLOMÄUS, JOHANNES, DE
[72] BETZING, JURGEN, DE
[71] GRUNENTHAL GMBH, DE
[22] 2000-01-14
[43] 2000-07-18
[30] DE (199 01 687.9) 1999-01-18

[21] **2,295,790**
[13] A1
[51] **Int.Cl. 7A61K 31/135 7A61K 9/20 7A61K 9/48**
[25] EN
[54] **CONTROLLED RELEASE TRAMADOL PREPARATIONS HAVING A STORAGE-STABLE TABLE RELEASE PROFILE AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **PREPARATIONS DE TRAMADOL A LIBERATION CONTROLEE AYANT UN PROFIL DE TABLE DE LIBERATION A STOCKAGE STABLE ET PROCEDE DE FABRICATION**
[72] BARTHOLOMÄUS, JOHANNES HEINRICH, DE
[72] ZIEGLER, IRIS, DE
[71] GRUNENTHAL GMBH, DE
[22] 2000-01-14
[43] 2000-07-18
[30] DE (199 01 686.0) 1999-01-18

[21] **2,295,896**
[13] A1
[51] **Int.Cl. 7B22F 3/105 7A61C 13/00**
[25] EN
[54] **METHOD FOR PRODUCING TOOTH REPLACEMENTS AND AUXILIARY DENTAL PARTS**
[54] **METHODE POUR FABRIQUER DES DENTS ARTIFICIELLES ET DE PROTHESES DENTAIRES AUXILIAIRES**
[72] STRIETZEL, ROLAND, DE
[72] DOLABDJIAN, HAIG, DE
[71] BEGO BREMER GOLDSCHLAGEREI WILH. HERBST GMBH & CO., DE
[22] 2000-01-14
[43] 2000-07-19
[30] DE (199 01 643.7) 1999-01-19

[21] **2,296,020**
[13] A1
[51] **Int.Cl. 7C12P 17/04**
[25] EN
[54] **MANUFACTURE OF L-ASCORBIC ACID AND D-ERYTHORBIC ACID**
[54] **FABRICATION DE L'ACIDE L-ASCORBIQUE ET DE L'ACIDE D-ERYTHORBIQUE**
[72] ASAKURA, AKIRA, JP
[72] SHINJOH, MASAKO, JP
[72] HOSHINO, TATSUO, JP
[72] KIYASU TATSUYA, JP
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2000-01-13
[43] 2000-07-18
[30] EP (99100785.7) 1999-01-18

[21] **2,296,053**
[13] A1
[51] **Int.Cl. 7C03B 9/347**
[25] FR
[54] **PROCEDE DE FABRICATION D'UN MOULE, MOULE OBTENU ET PROCEDE DE FABRICATION DE PRODUITS VERRIERS AU MOYEN DE CE MOULE**
[54] **METHOD OF MANUFACTURING A MOLD, MOULDING OBTAINED AND GLASS PRODUCTS MANUFACTURING PROCESS FROM THAT MOLD**
[72] MEROUR, PHILIPPE, FR
[71] SAINT-GOBAIN EMBALLAGE, FR
[22] 2000-01-13
[43] 2000-07-18
[30] FR (99/00461) 1999-01-18

[21] **2,296,059**
[13] A1
[51] **Int.Cl. 7C07D 233/61 7C07F 7/10 7C07D 231/12 7C07D 295/13 7A61K 7/13 7C07C 215/16 7C07D 207/325 7C07C 211/63**
[25] FR
[54] **NOUVEAUX COLORANTS MONO-BENZENIQUES CATIONIQUES, LEUR UTILISATION POUR LA TEINTURE D'OXYDATION DES FIBRES KERATINIQUES, COMPOSITIONS TINCTORIALES ET PROCEDES DE TEINTURE**
[54] **NOVEL CATIONIC MONO-BENZENIC DYES, THEIR USE FOR OXYDATION DYEING OF KERATINIC FIBRES, DYEING COMPOSITIONS AND DYEING METHODS**
[72] LAGRANGE, ALAIN, FR
[72] GENET, ALAIN, FR
[71] L'ORÉAL, FR
[22] 2000-01-17
[43] 2000-07-19
[30] FR (99 00 504) 1999-01-19

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[21] **2,296,066**
[13] A1

[51] **Int.Cl. 7A61K 7/13**
[25] FR
[54] **UTILISATION DE COMPOSES PHENYL-AZO-BENZENIQUES CATIONIQUES EN TEINTURE DES FIBRES KERATINIQUES, COMPOSITIONS TINCTORIALES ET PROCEDES DE TEINTURE**
[54] **USAGE OF CATIONIC PHENYL-AZO-BENZENIC COMPOUNDS FOR DYEING KERATINIC FIBRES, DYEING COMPOSITIONS AND DYEING METHODS**
[72] LAGRANGE, ALAIN, FR
[72] GENET, ALAIN, FR
[71] L'ORÉAL, FR
[22] 2000-01-17
[43] 2000-07-19
[30] FR (99 00 506) 1999-01-19

[21] **2,296,128**
[13] A1

[51] **Int.Cl. 7C07C 309/46 7C09B 29/045 7C07C 245/20 7C09B 29/52 7C07D 277/66**
[25] EN
[54] **A PROCESS FOR THE PRODUCTION OF DIAZONIUM COMPOUNDS WITH A LOW CONTENT OF SODIUM IONS**
[54] **UN PROCESSUS DE PRODUCTION DE COMPOSES DIAZONIUM AYANT UNE FAIBLE TENEUR EN IONS SODIUM**
[72] FRANK, WOLFGANG, DE
[72] DUBOSE, JOHN C., US
[72] BURKHARDT, BETTINA, DE
[72] ZARGES, WOLFGANG, DE
[72] MURPHREE, SAMUEL SHAUN, US
[72] THOLEMA, EDZARD, DE
[72] HOFFMANN, HELMUT, DE
[72] JOHNSON, ANDREW D., US
[71] BAYER CORPORATION, US
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-01-14
[43] 2000-07-20
[30] US (09/234,449) 1999-01-20

[21] **2,296,139**
[13] A1

[51] **Int.Cl. 7G02B 21/26 7G02B 21/00**
[25] EN
[54] **MICROSCOPE**
[54] **MICROSCOPE**
[72] OMI, EIICHI, JP
[71] LUNAX COMPANY LIMITED, JP
[22] 2000-01-14
[43] 2000-07-19
[30] JP (11-010302) 1999-01-19
[30] JP (11-050792) 1999-02-26

[21] **2,296,141**
[13] A1

[51] **Int.Cl. 7A61K 7/13 7A45D 19/00**
[25] FR
[54] **UTILISATION POUR LA TEINTURE DIRECTE DES FIBRES KERATINIQUES D'UNE ASSOCIATION DE DEUX COLORANTS CATIONIQUES**
[54] **ASSOCIATION OF TWO CATIONIC DYES FOR USE IN DIRECT DYEING OF KERATINIC FIBRES**
[72] RONDEAU, CHRISTINE, FR
[71] L'ORÉAL, FR
[22] 2000-01-18
[43] 2000-07-19
[30] FR (99 00 501) 1999-01-19

[21] **2,296,142**
[13] A1

[51] **Int.Cl. 7H04J 14/02**
[25] FR
[54] **EQUIPEMENT DE SECOURS POUR SOURCES MULTIPLEXEES EN LONGUEURS D'ONDE**
[54] **EMERGENCY EQUIPMENT FOR WAVELENGTH MULTIPLEXED SOURCES**
[72] BISSESSUR, HANS, FR
[72] GRARD, EMMANUEL, FR
[72] BRILLOUET, FRANÇOIS, FR
[71] ALCATEL, FR
[22] 2000-01-18
[43] 2000-07-20
[30] FR (99 00 590) 1999-01-20

[21] **2,296,155**
[13] A1

[51] **Int.Cl. 7C23C 4/08 7F16J 10/04 7C23C 4/12**
[25] EN
[54] **A COATING FOR THE WORKING SURFACE OF THE CYLINDERS OF COMBUSTION ENGINES AND A METHOD OF APPLYING SUCH A COATING**
[54] **REVETEMENT POUR LA SURFACE DE TRAVAIL DES CYLINDRES DE MOTEURS A COMBUSTIONS ET PROCEDE POUR APPLIQUER LEDIT REVETEMENT**
[72] BARBEZAT, GÉRARD, CH
[71] SULZER METCO AG, CH
[22] 2000-01-17
[43] 2000-07-19
[30] CH (1999 0091/99) 1999-01-19
[30] CH (1999 0245/99) 1999-02-09

[21] **2,296,156**
[13] A1

[51] **Int.Cl. 7B66C 13/20 7B66C 13/48**
[25] EN
[54] **CONTROL AND HYDRAULIC SYSTEM FOR A LIFTCRANE**
[54] **COMMANDE ET SYSTEME HYDRAULIQUE POUR GRUE**
[72] ZUEHLKE, ARTHUR G., US
[71] MANITOWOC CRANE GROUP, INC., US
[22] 2000-01-17
[43] 2000-07-20
[30] US (09/233,927) 1999-01-20

[21] **2,296,162**
[13] A1

[51] **Int.Cl. 7C08L 33/12 7C08J 5/00 7C08L 25/06**
[25] EN
[54] **POLYMERIC ARTICLES HAVING A TEXTURED SURFACE AND FROSTED APPEARANCE**
[54] **ARTICLES POLYMERES AYANT UNE SURFACE TEXTUREE ET UNE APPARENCE GIVREE**
[72] COHEN, LESLIE A., US
[72] CLARK, RALPH H., US
[72] GIBERTI, FABIO, US
[72] YANG, SHI-JUN, US
[71] ELF ATOCHEM, S.A., FR
[22] 2000-01-17
[43] 2000-07-21
[30] US (60/116,552) 1999-01-21
[30] US (09/480,193) 2000-01-10

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[21] 2,296,164
[13] A1

[51] Int.Cl. 7B04B 1/20
[25] EN
[54] CENTRIFUGE FOR THE WET MECHANICAL SEPARATION OF SOLID MIXTURES
[54] CENTIFUGEUSE POUR LA SEPARATION MECANIQUE MOUILLEE DE MELANGES DE SOLIDES
[72] UNKELBACH, KARL-HEINZ, DE
[72] KLUGE, REINHARD, DE
[72] FLEDKAMP, BERNWARD, DE
[72] ISMAR, MICHAEL, DE
[71] BAKER HUGHES (DEUTSCHLAND) GMBH, DE
[22] 2000-01-17
[43] 2000-07-18
[30] DE (199 01 655.0) 1999-01-18

[21] 2,296,168
[13] A1

[51] Int.Cl. 7A01N 25/32 7A01N 55/02 7A01N 43/40 7A01N 43/50 7A01N 43/56 7A01N 43/76
[25] EN
[54] HERBICIDICAL COMPOSITIONS AND METHOD OF SAFENING HERBICIDES USING BENZOTHIAZOLE DERIVATIVES
[54] COMPOSITIONS HERBICIDES ET PROCEDE POUR SECURISER LES HERBICIDES UTILISANT LES DERIVES DE BENZOTHIAZOLE
[72] BALTRUSCHAT, HELMUT SIEGFRIED, DE
[72] SHANER, DALE LESTER, US
[72] NELGEN, NORBERT, DE
[71] AMERICAN CYANAMID CORPORATION, US
[22] 2000-01-17
[43] 2000-07-19
[30] US (09/233,560) 1999-01-19

[21] 2,296,169
[13] A1

[51] Int.Cl. 7C08F 20/18 7C08G 63/08 7C08G 65/08 7A61K 6/083 7A61K 6/087 7C08F 220/14 7C08G 69/14 7C08F 8/40 7C08K 5/50
[25] EN
[54] PHOSPHONYLATED DERIVATIVES OF ALIPHATIC HETEROCHAIN AND ACRYLATE POLYMERS AND APPLICATIONS THEREOF
[54] DERIVES PHOSPHONYLEES D'UNE HETEROCHAINE ALIPHATIQUE ET POLYMERES ACRYLATE ET LEURS APPLICATIONS
[72] SHALABY, SHALABY W., US
[71] POLY-MED INC., US
[22] 2000-01-17
[43] 2000-07-19
[30] US (60/116,408) 1999-01-19
[30] US (09/464,870) 1999-12-16

[21] 2,296,173
[13] A1

[51] Int.Cl. 7C07C 309/46 7C09B 29/045 7C07C 245/20 7C09B 29/52 7C07D 277/66
[25] EN
[54] A PROCESS FOR THE PRODUCTION OF DIAZONIUM COMPOUNDS WITH A LOW CONTENT OF SODIUM IONS
[54] UN PROCESSUS DE PRODUCTION DE COMPOSES DIAZONIUM AYANT UNE FAIBLE TENEUR EN IONS SODIUM
[72] ZARGES, WOLFGANG, DE
[72] BURKHARDT, BETTINA, DE
[72] FRANK, WOLFGANG, DE
[72] DUBOSE, JOHN C., US
[72] HOFFMANN, HELMUT, DE
[72] JOHNSON, ANDREW D., US
[72] THOLEMA, EDZARD, DE
[72] MURPHREE, SAMUEL SHAUN, US
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER CORPORATION, US
[22] 2000-01-17
[43] 2000-07-20
[30] US (09/234,449) 1999-01-20

[21] 2,296,177
[13] A1

[51] Int.Cl. 7B41F 31/26
[25] EN
[54] SIDE WALL FOR AN INK FOUNTAIN OF A PRINTING MACHINE
[54] PAROI LATERALE POUR SOURCE D'ENCRE DE MACHINE D'IMPRESSION
[72] FINA, RAFFAELE, CH
[71] DE LA RUE GIORI S.A., CH
[22] 2000-01-17
[43] 2000-07-20
[30] CH (0105/99) 1999-01-20

[21] 2,296,190
[13] A1

[51] Int.Cl. 7A47B 37/00 7G06F 1/16
[25] EN
[54] FLUSH MOUNTED POP-UP DATA, TELECOMMUNICATION AND ELECTRICAL STATION FOR TABLETOPS
[54] POSTE ELECTRIQUE, DE TELECOMMUNICATION ET DE DONNEES ENCASTREES POUR UN DESSUS DE TABLE
[72] BERTHIAUME, DEREK B., CA
[72] ALMOND, GORDON S., CA
[71] BERTHIAUME, DEREK B., CA
[71] ALMOND, GORDON S., CA
[22] 2000-01-19
[43] 2000-07-19
[30] US (60/116,345) 1999-01-19

[21] 2,296,205
[13] A1

[51] Int.Cl. 7H02M 3/36 7H02M 7/32
[25] EN
[54] SWITCHING POWER SUPPLY UNIT
[54] BLOC D'ALIMENTATION A DECOUPAGE
[72] NISHIDA, AKIO, JP
[72] TANI, RYOTA, JP
[72] NAKAHIRA, KOJI, JP
[71] MURATA MANUFACTURING CO., LTD., JP
[22] 2000-01-17
[43] 2000-07-18
[30] JP (11-9468) 1999-01-18
[30] JP (11-253550) 1999-09-07

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[21] **2,296,210**
[13] A1

[51] **Int.Cl. 7G01C 19/66 7G01C 19/72**
[25] EN
[54] **LASER APPARATUS AND GYROSCOPE**
[54] **APPAREIL AU LASER ET GYROSCOPE**
[72] NUMAI, TAKAHIRO, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2000-01-17
[43] 2000-07-18
[30] JP (11-009812) 1999-01-18
[30] JP (11-011100) 1999-01-19
[30] JP (11-034826) 1999-02-12
[30] JP (11-108338) 1999-04-15
[30] JP (2000-3895) 2000-01-12

[21] **2,296,211**
[13] A1

[51] **Int.Cl. 7G11C 7/02**
[25] EN
[54] **READ-ONLY SEQUENCE CONTROLLER HAVING A GATE ARRAY COMPOSITION**
[54] **CONTROLEUR DE SEQUENCE EN LECTURE SEULEMENT COMPORTANT UN RESEAU DE PORTES**
[72] KUZE, YOSHIKAZU, JP
[71] KUZE, YOSHIKAZU, JP
[22] 2000-01-17
[43] 2000-07-21
[30] JP (11-51294) 1999-01-21
[30] JP (11-173095) 1999-05-18

[21] **2,296,215**
[13] A1

[51] **Int.Cl. 7B05B 7/02**
[25] EN
[54] **METHOD AND APPARATUS FOR DISPENSING MULTIPLE-COMPONENT FLOWABLE SUBSTANCES**
[54] **METHODE ET DISPOSITIF POUR LA DISTRIBUTION DE SUBSTANCES FLUIDIFIABLES A COMPOSANTS MULTIPLES**
[72] MACLEAN-BLEVINS, MARK T., US
[72] PELLITTERI, TERRIE JO, US
[72] NICHENKO, EDWARD FRANCIS, US
[72] LAS, ALLAN STEVEN, US
[72] HOFF, EDWIN FRANK JR., US
[72] BEAVER, LARRY GENE, US
[71] GRIFFIN L.L.C., US
[22] 2000-01-19
[43] 2000-07-22
[30] US (09/236,142) 1999-01-22

[21] **2,296,222**
[13] A1

[51] **Int.Cl. 7H01H 23/00 7H01H 23/28**
[25] EN
[54] **FOUR FUNCTION ELECTRICAL ROCKER SWITCH**
[54] **INTERRUPTEUR A BASCULE PROFILE QUATRE FONCTIONS**
[72] BALABAN, DAVID B., US
[72] TUFANO, ANTHONY, US
[71] LEVITON MANUFACTURING CO., INC., US
[22] 2000-01-17
[43] 2000-07-22
[30] US (09/235,785) 1999-01-22

[21] **2,296,224**
[13] A1

[51] **Int.Cl. 7C07D 471/14 7A61P 9/00 7A61P 15/10 7A61K 31/4985**
[25] EN
[54] **USE OF IMIDAZO(1,5-A)PYRIDO(3,2-E)PYRAZINONES**
[54] **UTILISATION D'IMIDAZO(1,5-A)PYRIDO(3,2-E)PYRAZINONES**
[72] SZELÉNYI, STEFAN, DE
[72] MARX, DEGENHARD, DE
[72] EGERLAND, UTE, DE
[72] HOFGEN, NORBERT, DE
[71] ARZNEIMITTELWERK DRESDEN GMBH, DE
[22] 2000-01-19
[43] 2000-07-20
[30] DE (199 02 082.5) 1999-01-20
[30] DE (199 61 302.8) 1999-12-18

[21] **2,296,227**
[13] A1

[51] **Int.Cl. 7A61K 6/093**
[25] EN
[54] **DENTAL MATERIALS BASED ON POLYSILOXANES**
[54] **MATERIAUX DENTAIRE A BASE DE POLYSILOXANES**
[72] RHEINBERGER, VOLKER, DE
[72] STEIN, SABINE, DE
[72] VOLKEL, THOMAS, DE
[72] MOSZNER, NORBERT, DE
[71] IVOCLAR AG, LI
[22] 2000-01-19
[43] 2000-07-21
[30] DE (199 03 177.0) 1999-01-21

[21] **2,296,229**
[13] A1

[51] **Int.Cl. 7C08F 222/04 7C10L 1/18**
[25] EN
[54] **COPOLYMERS, AND THEIR USE AS ADDITIVES FOR IMPROVING THE COLD-FLOW PROPERTIES OF MIDDLE DISTILLATES**
[54] **COPOLYMERES ET LEURS UTILISATIONS COMME ADDITIF POUR AMELIORER LES PROPRIETE D'ECOULEMENT A FROID DE DISTILLATS MOYENS**
[72] NAGEL, WALTRAUD, DE
[72] KRULL, MATTHIAS, DE
[71] CLARIANT GMBH, DE
[22] 2000-01-18
[43] 2000-07-19
[30] DE (19901803.0) 1999-01-19

[21] **2,296,231**
[13] A1

[51] **Int.Cl. 7A61K 31/198 7A61K 9/12 7A61K 9/72**
[25] EN
[54] **COMPOSITION AND METHOD FOR TREATING COMMON VIRAL INFECTIONS**
[54] **COMPOSITION ET METHODE POUR LE TRAITEMENT D'INFECTIONS VIRALES COURANTES**
[72] ANDREAKOS, GEORGE, US
[71] ANDREAKOS, GEORGE, US
[22] 2000-01-19
[43] 2000-07-21
[30] US (09/234,825) 1999-01-21

[21] **2,296,234**
[13] A1

[51] **Int.Cl. 7C22B 1/14**
[25] EN
[54] **METHOD FOR MANUFACTURING REDUCED IRON PELLETS**
[54] **METHODE DE FABRICATION DE BOULETTES DE FER REDUIT**
[72] FUJI, KOJIRO, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.), JP
[22] 2000-01-19
[43] 2000-07-20
[30] JP (11-011973) 1999-01-20

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[21] **2,296,237**
[13] A1
[51] **Int.Cl. 7C07C 317/40 7C09D 179/08 7C08G 73/10 7C08J 5/18 7C07C 311/46 7C07C 235/84**
[25] EN
[54] **ESSENTIALLY COLORLESS, TRANSPARENT POLYIMIDE COATINGS AND FILMS**
[54] **COUCHES ET REVETEMENTS DE POLYIMIDE TRANSPARENT, ESSENTIELLEMENT INCOLORES**
[72] DEETS, GARY L., US
[72] HATTORI, TOSHIYUKI, US
[71] I.S.T. CORPORATION, US
[22] 2000-01-19
[43] 2000-07-19
[30] US (60/116,287) 1999-01-19

[21] **2,296,239**
[13] A1
[51] **Int.Cl. 7C11D 17/02 7C11D 1/72 7C11D 1/83**
[25] EN
[54] **ABRASION-RESISTANT DETERGENT TABLETS**
[54] **PASTILLES DE DETERGENT RESISTANT A L'ABRASION**
[72] LIETZMANN, ANDREAS, DE
[72] SEMRAU, MARKUS, DE
[72] KRUSE, HANS-FRIEDRICH, DE
[72] BOECKER, MONIKA, DE
[72] JEBENS, HEINKE, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-01-19
[43] 2000-07-22
[30] DE (199 02 425.1) 1999-01-22

[21] **2,296,240**
[13] A1
[51] **Int.Cl. 7B21D 5/08**
[25] EN
[54] **ROLL-FORMING MACHINE**
[54] **MACHINE A PROFILER LES FEUILLARDS**
[72] BRADBURY, PHILIP E., US
[72] VOTH, KARL E., US
[72] FISHER, WAYNE, US
[71] THE BRADBURY COMPANY, INC., US
[22] 2000-01-18
[43] 2000-07-22
[30] US (09/235,539) 1999-01-22

[21] **2,296,246**
[13] A1
[51] **Int.Cl. 7C07D 249/20 7C07D 405/10 7C07F 7/10 7C09D 7/12 7C07D 405/14 7C08K 5/3475 7C08K 5/357 7C08K 5/378 7C08K 5/5373 7C08K 5/544 7C07F 9/6518**
[25] EN
[54] **BENZOTRIAZOLE UV ABSORBERS HAVING ENHANCED DURABILITY**
[54] **ABSORBEURS UV DE TYPE BENZOTRIAZOLE POSSEDANT UNE DURABILITE AMELIOREE**
[72] DEBELLIS, ANTHONY DAVID, US
[72] RAVICHANDRAN, RAMANATHAN, US
[72] IYENGAR, REVATHI, US
[72] SUHADOLNIK, JOSEPH, US
[72] WOLF, JEAN-PIERRE, CH
[72] WOOD, MERVIN GALE JR., US
[72] DETLEFSEN, ROBERT EDWARD, US
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[22] 2000-01-19
[43] 2000-07-21
[30] US (09/234880) 1999-01-21

[21] **2,296,257**
[13] A1
[51] **Int.Cl. 7H01R 12/18 7H01R 13/639**
[25] EN
[54] **PRINTED CIRCUIT BOARD ZERO-FORCE PLUG CONNECTOR**
[54] **CONNECTEUR A FORCE D'INSERTION NULLE POUR CARTE DE CIRCUITS IMPRIMES**
[72] LONGUEVILLE, JACQUES, BE
[71] SIEMENS ELECTROMECHANICAL COMPONENTS GMBH & CO. KG, DE
[22] 2000-01-19
[43] 2000-07-21
[30] DE (19902262.3) 1999-01-21

[21] **2,296,264**
[13] A1
[51] **Int.Cl. 7A61F 13/476**
[25] EN
[54] **SANITARY NAPKIN PROVIDED WITH WINGS**
[54] **SERVIETTE HYGIENIQUE POURVUE DE REBORDS**
[72] SUEKANE, MAKOTO, JP
[72] TAMURA, TATSUYA, JP
[72] NISHITANI, KAZUYA, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-01-19
[43] 2000-07-20
[30] JP (11-12534) 1999-01-20

[21] **2,296,266**
[13] A1
[51] **Int.Cl. 7A61F 13/472**
[25] EN
[54] **SANITARY NAPKIN**
[54] **SERVIETTE HYGIENIQUE**
[72] KASHIWAGI, MASAHIRO, JP
[72] OTA, AKIKO, JP
[72] HARADA, HIROYUKI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-01-19
[43] 2000-07-20
[30] JP (11-12514) 1999-01-20

[21] **2,296,269**
[13] A1
[51] **Int.Cl. 7B65D 71/36**
[25] EN
[54] **PALLET WRAP AND METHODS FOR STABILIZING AND DISPLAYING ARTICLES**
[54] **RECOUVREMENT DE PALETTES ET METHODES POUR STABILISER ET PRESENTER LES ARTICLES**
[72] FLANAGAN, THERESE ANN, US
[72] EVANS, KEITH CLAYTON, US
[71] KRAFT FOODS, INC., US
[22] 2000-01-19
[43] 2000-07-20
[30] US (234,347) 1999-01-20

[21] **2,296,270**
[13] A1
[51] **Int.Cl. 7A61B 17/04**
[25] EN
[54] **SUTURE ANCHOR HAVING MULTIPLE SUTURES**
[54] **ANCORAGE POUR SUTURES MULTIPLES**
[72] WENSTROM, RICHARD F., JR., US
[72] TAYLOR, RONALD L., JR., US
[72] JENSEN, STEVEN L., US
[71] ETHICON, INC., US
[22] 2000-01-19
[43] 2000-07-21
[30] US (09/235,367) 1999-01-21

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[21] **2,296,271**
[13] A1

[51] **Int.Cl. 7B65D 65/42**
[25] EN
[54] **PACK FOR TABLET-FORM PRODUCTS AND A PROCESS FOR ITS PRODUCTION**
[54] **EMBALLAGE POUR PRODUITS EN FORME DE COMPRIMES ET METHODE POUR SA FABRICATION**
[72] ROTH, MARTIN, DE
[72] KUENZEL, WERNER, DE
[72] BARTHEL, WOLFGANG, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-01-19
[43] 2000-07-20
[30] DE (199 02 065.5) 1999-01-20

[21] **2,296,273**
[13] A1

[51] **Int.Cl. 7F26B 17/00 7F26B 25/00 7C11D 17/06 7F26B 3/08**
[25] EN
[54] **A PROCESS FOR DRYING GRANULES AND AN ARRANGEMENT FOR CARRYING OUT THIS PROCESS**
[54] **PROCESSUS DE SECHAGE DE GRANULES ET DISPOSITIF POUR REALISER CE PROCESSUS**
[72] JUNG, DIETER, DE
[72] GORMANNS, FRANZ, DE
[72] LIETZMANN, ANDREAS, DE
[72] LARSON, BERND, DE
[72] KRUSE, HANS FRIEDRICH, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-01-19
[43] 2000-07-22
[30] DE (199 02 424.3) 1999-01-22

[21] **2,296,275**
[13] A1

[51] **Int.Cl. 7A46B 11/00 7A47K 11/10**
[25] EN
[54] **A DEVICE FOR THE DOSED APPLICATION OF CLEANING PRODUCTS**
[54] **DISPOSITIF POUR L'APPLICATION DOSEE DE PRODUITS DE NETTOYAGE**
[72] KREUELS, MARTIN, DE
[72] MUEHLHAUSEN, GEORG, DE
[72] BUTTER-JENTSCH, RALPH, DE
[72] JANSCHUK, THEO, DE
[72] BODE, JENS, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-01-19
[43] 2000-07-20
[30] DE (199 02 064.7) 1999-01-20

[21] **2,296,281**
[13] A1

[51] **Int.Cl. 7A01J 5/00**
[25] EN
[54] **HEADER FOR MILKING UNITS PROVIDED WITH A FLOW ADJUSTER**
[54] **COLLECTEUR POUR POSTE DE TRAITE FOURNI AVEC DISPOSITIF DE REGLAGE DU DEBIT**
[72] CATTANEO, MARCO, IT
[71] MILKLINE DI RATTI DR. DANIELE, IT
[22] 2000-01-19
[43] 2000-07-22
[30] IT (MI99A000118) 1999-01-22

[21] **2,296,283**
[13] A1

[51] **Int.Cl. 7F15B 15/14 7B61B 13/12**
[25] EN
[54] **COMBINED ACTUATING AND GUIDING SYSTEM FOR MOVING A LOAD**
[54] **SYSTEME D'ACTIONNEMENT ET DE GUIDAGE COMBINES POUR LE DEPLACEMENT D'UNE CHARGE**
[72] ESCHMANN, ROBERT, DE
[71] HYGRAMA AG, CH
[22] 2000-01-19
[43] 2000-07-22
[30] AT (85/99) 1999-01-22

[21] **2,296,289**
[13] A1

[51] **Int.Cl. 7D21C 11/00 7C02F 1/40**
[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATING SOAP**
[54] **PROCEDE ET APPAREIL POUR SEPARER LE SAVON**
[72] HEINÄMÄKI, PASI, FI
[72] RONKONHARJU, HANNU, FI
[72] PIKKA, OLAVI, FI
[72] VEHMAA, JANNE, FI
[71] AHLSTROM MACHINERY OY, FI
[22] 2000-01-19
[43] 2000-07-19
[30] FI (990093) 1999-01-19

[21] **2,296,294**
[13] A1

[51] **Int.Cl. 7B65D 81/34**
[25] EN
[54] **MICROWAVEABLE FOOD CONTAINER AND METHOD OF USING SAME**
[54] **CONTENANT D'ALIMENT POUR FOUR A MICRO-ONDES ET METHODE D'UTILISATION**
[72] WALTERS, CANDACE MARY, US
[71] KRAFT FOODS, INC., US
[22] 2000-01-19
[43] 2000-07-21
[30] US (234,686) 1999-01-21

[21] **2,296,306**
[13] A1

[51] **Int.Cl. 7B32B 27/08 7B29C 47/06 7B32B 27/32 7B65D 65/40**
[25] EN
[54] **LOW-NOISE STRETCH FILM**
[54] **FILM ETIRABLE FAISANT PEU DE BRUIT**
[72] MAKI, XAVIER, FR
[71] MIMA FILMS S.C.A., LU
[22] 2000-01-20
[43] 2000-07-21
[30] EP (99300450.6) 1999-01-21

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[21] **2,296,584**
[13] A1
[51] **Int.Cl. 7A61F 13/472 7A61F 13/56**
[25] EN
[54] **ABSORBENT ARTICLE FOR DISPOSAL OF BODY FLUIDS DISCHARGED THEREON**
[54] **ARTICLE ABSORBANT LES LIQUIDES ORGANIQUES**
[72] WADA, MITSUHIRO, JP
[72] KURATA, NOBUHIRO, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-01-20
[43] 2000-07-21
[30] JP (11-12685) 1999-01-21

[21] **2,296,612**
[13] A1
[51] **Int.Cl. 7F16D 23/12 7G05G 1/14**
[25] EN
[54] **A CLUTCH ACTUATOR ASSEMBLY**
[54] **ACTIONNEUR D'EMBRAYAGE**
[72] TALARICO, JOE, CA
[72] TALARICO, JOHN, CA
[71] TALARICO, JOE, CA
[71] TALARICO, JOHN, CA
[22] 2000-01-18
[43] 2000-07-20
[30] US (60/116,589) 1999-01-20

[21] **2,296,621**
[13] A1
[51] **Int.Cl. 7B23K 20/10**
[25] EN
[54] **ULTRASONIC VIBRATION CUTTING METHOD AND APPARATUS**
[54] **METHODE ET DISPOSITIF DE COUPAGE PAR VIBRATIONS ULTRASONIQUES**
[72] SATO, SHIGERU, JP
[72] ISHII, RYOICHI, JP
[71] ULTEX CORPORATION, JP
[22] 2000-01-20
[43] 2000-07-21
[30] JP (11-012930) 1999-01-21

[21] **2,296,594**
[13] A1
[51] **Int.Cl. 7H01S 5/227 7H01L 33/00**
[25] EN
[54] **SEMICONDUCTOR PHOTONIC ELEMENT, METHOD OF FABRICATING THE SAME, AND SEMICONDUCTOR PHOTONIC DEVICE EQUIPPED THEREWITH**
[54] **ELEMENT PHOTONIQUE A SEMICONDUCTEURS, METHODE DE FABRICATION DE CET ELEMENT ET DISPOSITIF PHOTONIQUE A SEMICONDUCTEURS COMPORTANT CET ELEMENT**
[72] TSUJI, MASAYOSHI, JP
[72] YOKOYAMA, YOSHITAKA, JP
[72] KUDO, KOJI, JP
[71] NEC CORPORATION, JP
[22] 2000-01-20
[43] 2000-07-21
[30] JP (11-013638) 1999-01-21

[21] **2,296,616**
[13] A1
[51] **Int.Cl. 7B65G 67/02 7B62B 3/02 7B60P 3/055 7B60P 1/52**
[25] EN
[54] **TRANSPORT CART SYSTEM AND METHOD OF ITS MANUFACTURE AND OPERATION**
[54] **SYSTEME DE CHARIOTS DE TRANSPORT ET METHODE POUR SA FABRICATION ET SON EXPLOITATION**
[72] KRAWCZYK, JOSEPH D., US
[71] MAGLINE, INC., US
[22] 2000-01-18
[43] 2000-07-20
[30] US (60/116,473) 1999-01-20

[21] **2,296,622**
[13] A1
[51] **Int.Cl. 7A23F 5/30 7A23F 5/40**
[25] EN
[54] **HEAVILY FOAMING COFFEE FRACTION AND PROCESS FOR ITS MANUFACTURE**
[54] **FRACTION ET PROCEDE DE FABRICATION DU CAFE A ECUMAGE INTENSIF**
[72] PETRACCO, MARINO, IT
[72] NAVARINI, LUCIANO, IT
[71] ILLYCAFFE S.P.A., IT
[22] 2000-01-18
[43] 2000-07-21
[30] EP (99 101 042.2) 1999-01-21

[21] **2,296,610**
[13] A1
[51] **Int.Cl. 7B61K 5/06**
[25] EN
[54] **ADJUSTABLE HINGED DERAIL**
[54] **DERAILLEUR ARTICULE AJUSTABLE**
[72] PEASE, RONALD, US
[71] WESTERN-CULLEN-HAYES, INC., US
[22] 2000-01-18
[43] 2000-07-19
[30] US (09/233,593) 1999-01-19

[21] **2,296,618**
[13] A1
[51] **Int.Cl. 7A61B 17/66 7A61C 7/10**
[25] EN
[54] **DISTRACTION OSTEOGENESIS FIXTURE**
[54] **APPAREIL D'OSTOGENESE EN DISTRACTION**
[72] LUFT, MICHAEL, US
[72] BLOCK, MICHAEL, US
[72] LIPKA, SCOTT, US
[72] KVARNSTROM, BJARNE, US
[71] NOBEL BIOCARE AB, SE
[22] 2000-01-18
[43] 2000-07-19
[30] US (09/232,731) 1999-01-19

[21] **2,296,623**
[13] A1
[51] **Int.Cl. 7G01N 21/63**
[25] EN
[54] **METHOD AND APPARATUS FOR MATERIALS ANALYSIS BY ENHANCED LASER INDUCED PLASMA SPECTROSCOPY**
[54] **METHODE ET APPAREIL POUR L'ANALYSE DE MATERIAUX PAR SPECTROSCOPIE PLASMIQUE ASSISTEE AU LASER**
[72] CIELO, PAOLO, CA
[72] ST-ONGE, LOUIS, CA
[72] SABSABI, MOHAMAD, CA
[71] CIELO, PAOLO, CA
[71] ST-ONGE, LOUIS, CA
[71] SABSABI, MOHAMAD, CA
[22] 2000-01-17
[43] 2000-07-19
[30] US (09/232,722) 1999-01-19

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[21] **2,296,628**
[13] A1

[51] **Int.Cl. 7B60K 15/05**
[25] EN
[54] **QUICK-ON FILLER NECK CAP**
[54] **BOUCHON DE GOULOT DE**
REPLISSAGE A FERMETURE
RAPIDE
[72] HUYNH, THO TRUONG, GB
[72] MOWATT, BRUCE T., GB
[71] STANT MANUFACTURING INC., US
[22] 2000-01-20
[43] 2000-07-21
[30] US (09/234,721) 1999-01-21

[21] **2,296,634**
[13] A1

[51] **Int.Cl. 7G01B 15/02 7B05D 7/14**
[25] EN
[54] **METHOD AND APPARATUS FOR**
MEASURING THICKNESS OF
COATING LAYERS ON SUBSTRATES
USING BACKSCATTERING OF X-RAYS
AND GAMMA RAYS
[54] **PROCEDE ET APPAREIL POUR**
MESURER L'EPAISSEUR DES
COUCHES DE REVETEMENT SUR UN
SUBSTRAT PAR RETRODIFFUSION
AUX RAYONS X ET AUX RAYONS
GAMMA
[72] MACKENZIE, INNES K., CA
[71] UNIVERSITY OF GUELPH, CA
[22] 2000-01-19
[43] 2000-07-19
[30] US (09/233,158) 1999-01-19

[21] **2,296,636**
[13] A1

[51] **Int.Cl. 7F16B 17/00 7F04D 29/26**
[25] EN
[54] **SUPPORT STRUCTURE AND**
METHOD OF MAKING SAME
[54] **STRUCTURE SUPPORT ET**
METHODE DE FABRICATION
[72] BERRAY, GARY C., US
[72] BAER, MARK E., US
[71] SHOP VAC CORPORATION, US
[22] 2000-01-20
[43] 2000-07-21
[30] US (09/235,093) 1999-01-21

[21] **2,296,641**
[13] A1

[51] **Int.Cl. 7B32B 27/06 7G09F 13/00**
[25] EN
[54] **LIGHT DIFFUSING COMPOSITES**
[54] **COMPOSITE DIFFUSEUR**
[72] STASI, ALBERTO LUCA, IT
[72] DE TOFFOL, ANDREA, IT
[71] ELF ATOCHEM, S.A., FR
[22] 2000-01-20
[43] 2000-07-22
[30] IT (MI99 A 000121) 1999-01-22

[21] **2,296,660**
[13] A1

[51] **Int.Cl. 7H04B 10/02 7H04J 14/02**
7H04B 10/12
[25] EN
[54] **COMMUNICATION NODE, WDM**
NETWORK, AND NETWORK
COMMUNICATION METHOD
[54] **NOEUD DE COMMUNICATION,**
RESEAU WDM ET PROCEDE DE
COMMUNICATION PAR RESEAU
[72] TAKAGI, KAZUO, JP
[71] NEC CORPORATION, JP
[22] 2000-01-17
[43] 2000-07-18
[30] JP (9823/1999) 1999-01-18
[30] JP (9825/1999) 1999-01-18

[21] **2,296,662**
[13] A1

[51] **Int.Cl. 7G06K 9/18**
[25] FR
[54] **DISPOSITIF**
OPTOELECTRONIQUE
D'ACQUISITION D'IMAGES DE CODES
A UNE ET DEUX DIMENSIONS
[54] **OPTOELECTRONIC**
ACQUISITION DEVICE FOR ONE- AND
TWO-DIMENSIONAL CODES
[72] DUMONTIER, CHRISTOPHE, FR
[72] REUZE, PATRICK, FR
[72] EL AKEL, KHALID, FR
[72] MASSIEU, JEAN-LOUIS, FR
[72] PUECH, JEAN-MICHEL, FR
[72] THURIES, SERGE, FR
[71] INTERMEC SCANNER
TECHNOLOGY CENTER, FR
[22] 2000-01-18
[43] 2000-07-22
[30] FR (99.00717) 1999-01-22

[21] **2,296,768**
[13] A1

[51] **Int.Cl. 7B60C 27/06**
[25] EN
[54] **PORTABLE TOOL FOR**
INSTALLING CHAINS ON VEHICLE
WHEELS
[54] **OUTIL PORTATIF POUR MONTER**
DES CHAINES SUR DES ROUES DE
VEHICULE
[72] AHNE, WILLIAM T., US
[71] AHNE, WILLIAM T., US
[22] 2000-01-21
[43] 2000-07-22
[30] US (09/234,978) 1999-01-22

[21] **2,296,773**
[13] A1

[51] **Int.Cl. 7F23D 14/72 7F23N 5/24**
[25] EN
[54] **MODULATED BURNER**
COMBUSTION SYSTEM THAT
PREVENTS THE USE OF NON-
COMMISSIONED COMPONENTS AND
VERIFIES PROPER OPERATION OF
COMMISSIONED COMPONENTS
[54] **SYSTEME DE COMBUSTION**
MODULE A BRULEUR QUI EVITE
L'UTILISATION D'ELEMENTS NON
EN SERVICE ET QUI PERMET DE
VERIFIER LE BON
FONCTIONNEMENT DES ELEMENTS
EN SERVICE
[72] SOLOSKY, RICHARD M., US
[72] O'LEARY, SCOTT PAUL, US
[72] JUNTUNEN, ROBERT DEAN, US
[71] HONEYWELL INC., US
[22] 2000-01-21
[43] 2000-07-22
[30] US (09/ 235,178) 1999-01-22

[21] **2,296,775**
[13] A1

[51] **Int.Cl. 7H01R 4/66 7H01R 4/64**
[25] EN
[54] **METHOD AND APPARATUS FOR**
HOLDING AND GROUNDING BURIED
SERVICE CABLE
[54] **METHODE ET DISPOSITIF DE**
MAINTIEN ET DE MISE ~ LA TERRE
DE CABLES DE SERVICE ENFOUIS
[72] LOVINA, BERNABE A., US
[72] CORRELL, GREG, US
[72] REMICK, KIM, US
[71] NEXT LEVEL COMMUNICATIONS,
US
[22] 2000-01-21
[43] 2000-07-21
[30] US (09/236,367) 1999-01-21

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[21] **2,296,776**
[13] A1
[51] **Int.Cl. 7E01B 7/14**
[25] EN
[54] **RAILROAD SPRING FROG ASSEMBLY**
[54] **COEUR A PATTE MOBILE DE CHEMIN DE FER**
[72] YOUNG, KEITH, US
[72] KUHN, STEPHEN R., US
[71] ABC-NACO INC., US
[22] 2000-01-21
[43] 2000-07-22
[30] US (09/235,892) 1999-01-22

[21] **2,296,784**
[13] A1
[51] **Int.Cl. 7G08B 13/196 7H04N 7/18**
[25] EN
[54] **EXIT GUARD SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DES SORTIES**
[72] MCGHEE, DAVID W., US
[72] THOMASON, RICK D., US
[72] GAROUTTE, MAURICE V., US
[72] ROSS, DONALD K., US
[71] ROSS & BARUZZINI, INC., US
[22] 2000-01-21
[43] 2000-07-21
[30] US (09/234,688) 1999-01-21

[21] **2,296,788**
[13] A1
[51] **Int.Cl. 7H01R 4/66**
[25] EN
[54] **METHOD AND APPARATUS FOR SECURING COMMUNICATIONS CABLE TO AN ENCLOSURE**
[54] **METHODE ET APPAREIL DE FIXATION D'UN CABLE DE COMMUNICATIONS A UNE ENCEINTE**
[72] LOVINA, BERNABE A., US
[72] MCCALL, MARK S., US
[71] NEXT LEVEL COMMUNICATIONS, US
[22] 2000-01-21
[43] 2000-07-22
[30] US (09/235,473) 1999-01-22

[21] **2,296,793**
[13] A1
[51] **Int.Cl. 7A47C 17/46 7A47C 21/08**
[25] EN
[54] **BED ENCLOSURE**
[54] **ENCEINTE DE LIT**
[72] KRAMER, KENNETH L., US
[72] KOENIG, JOHN W., US
[72] JACQUES, WILLIAM L., II, US
[72] BRANSON, GREGORY W., US
[71] HILL-ROM, INC., US
[22] 2000-01-21
[43] 2000-07-22
[30] US (60/116,728) 1999-01-22
[30] US (09/487,954) 2000-01-19

[21] **2,296,818**
[13] A1
[51] **Int.Cl. 7C08F 136/06 7C08F 136/08**
[25] EN
[54] **MODIFIED DIENE ELASTOMER AND ITS PREPARATION**
[54] **ELASTOMERE DE DIENE MODIFIE ET SA PREPARATION**
[72] NAKAJIMA, TETSUJI, JP
[72] MURAOKA, KIYOSHIGE, JP
[72] INOUE, TOKUJI, JP
[72] YAGI, NORIKO, JP
[71] UBE INDUSTRIES, LTD., JP
[71] SUMITOMO RUBBER INDUSTRIES, LTD., JP
[22] 2000-01-24
[43] 2000-07-22
[30] JP (11-014017) 1999-01-22
[30] JP (11-158686) 1999-06-04
[30] JP (11-219581) 1999-08-03

[21] **2,296,823**
[13] A1
[51] **Int.Cl. 7G02C 7/06**
[25] EN
[54] **PROGRESSIVE MULTIFOCAL OPHTHALMIC LENS**
[54] **VERRE OPHTHALMIQUE A FOYER PROGRESSIF**
[72] FRANCOIS, SANDRINE, FR
[72] AHSBAHS, FRANÇOISE, FR
[71] ESSILOR INTERNATIONAL, FR
[22] 2000-01-24
[43] 2000-07-22
[30] FR (99 00 708) 1999-01-22

[21] **2,296,852**
[13] A1
[51] **Int.Cl. 7B32B 3/12 7E04C 2/284**
[25] EN
[54] **DUAL-LAMINATE HONEYCOMB MATERIAL**
[54] **MATERIAU JUMBLE LAMINE EN NID D'ABEILLE**
[72] SWISZCZ, PAUL G., US
[72] THRONE, JASON T., US
[71] HUNTER DOUGLAS INDUSTRIES B.V., NL
[71] HUNTER DOUGLAS INDUSTRIES B.V., NL
[22] 2000-01-21
[43] 2000-07-22
[30] US (60/116,867) 1999-01-22

[21] **2,296,854**
[13] A1
[51] **Int.Cl. 7F16M 11/20**
[25] EN
[54] **LOCKABLE STAND**
[54] **SUPPORT VERROUILLABLE**
[72] SCHWÄRZLER, JOHANNES-GALLUS, AT
[71] LEICA GEOSYSTEMS INC., CH
[22] 2000-01-21
[43] 2000-07-22
[30] EP (99101176.8) 1999-01-22

[21] **2,296,866**
[13] A1
[51] **Int.Cl. 7F22B 31/00 7F23L 1/00**
[25] EN
[54] **METHOD AND APPARATUS IN THE VENTILATION OVER A BOILER ROOM**
[54] **METHODE ET APPAREIL DE VENTILATION DE CHAUFFERIE**
[72] AHILA, PEKKA, FI
[72] HAAPIO, JAAKKO, FI
[71] KVAERNER PULPING OY, FI
[22] 2000-01-21
[43] 2000-07-22
[30] FI (990119) 1999-01-22

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[21] **2,296,870**
[13] A1

[51] **Int.Cl. 7B65D 65/10**
[25] EN
[54] **DECORATIVE COVER FOR CONTAINERS**
[54] **COUVERCLE DECORATIF DE CONTENANTS**
[72] SMITH, LISA LOUISE, US
[71] SMITH, LISA LOUISE, US
[22] 2000-01-21
[43] 2000-07-22
[30] US (09/235,972) 1999-01-22

[21] **2,296,872**
[13] A1

[51] **Int.Cl. 7E04C 1/39**
[25] EN
[54] **CONCRETE MASONRY BLOCK WITH PREFABRICATED ELECTRICAL BOX RECEPTION OPENING**
[54] **BLOC DE MACONNERIE EN BETON AVEC OUVERTURE PRE-AMENAGEE POUR RECEVOIR UNE BOITE DE RACCORDEMENT ELECTRIQUE**
[72] MORGAN, BRADLEY EDWARD, US
[71] MORGAN, BRADLEY EDWARD, US
[22] 2000-01-21
[43] 2000-07-22
[30] US (09/236,273) 1999-01-22

[21] **2,296,906**
[13] A1

[51] **Int.Cl. 7C07C 43/188 7C07C 43/15 7C07C 43/166 7C07C 41/30**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF SECONDARYALKOXY-1-ALKENES**
[54] **PROCEDE DE PRODUCTION D'ALCOXY-1-ALKENES SECONDAIRES**
[72] SUBRAMANIAM, CHITTOOR S., US
[72] JOHN, THOMAS V., US
[72] WANG, ZHENG, US
[72] KUCERA, RICHARD J., JR., US
[71] CREANOVA INC., US
[22] 2000-01-21
[43] 2000-07-21
[30] US (09/234,572) 1999-01-21

[21] **2,296,929**
[13] A1

[51] **Int.Cl. 7A61B 6/00**
[25] EN
[54] **DUAL SPATIAL INTEGRATION FOR DEPTH DISCRIMINATION OF HETEROGENEITIES IN TURBID MEDIA**
[54] **INTEGRATION SPATIALE DOUBLE POUR LA DISCRIMINATION EN PROFONDEUR D'HETEROGENEITE EN MILIEU TROUBLE**
[72] PAINCHAUD, YVES, CA
[72] MORIN, MICHEL, CA
[72] CHATIGNY, STEPHANE, CA
[71] ART ADVANCED RESEARCH TECHNOLOGIES INC., CA
[22] 2000-01-21
[43] 2000-07-22
[30] CA (2,259,900) 1999-01-22

[21] **2,296,931**
[13] A1

[51] **Int.Cl. 7C09D 161/28 7C09D 175/04 7C09D 175/16**
[25] EN
[54] **AUTOMOBILE EXTERIOR COMPONENTS**
[54] **COMPOSANTS EXTERIEURS D'AUTOMOBILES**
[72] TAKEUCHI, ATSUSHI, JP
[72] AOKI, HIROMICHI, JP
[72] AKIYAMA, TOMOYOSHI, JP
[72] NAKAJIMA, OSAMU, JP
[71] NIPPON A & L INCORPORATED, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-01-21
[43] 2000-07-22
[30] JP (11-013802) 1999-01-22

[21] **2,296,932**
[13] A1

[51] **Int.Cl. 7B32B 7/14 7B65H 21/00 7B65H 19/18 7B65H 19/28 7B65H 19/29**
[25] EN
[54] **ADHESIVE TAPE**
[54] **RUBAN ADHESIF**
[72] WIENBERG, UWE, DE
[72] EIKMEIER, MARKUS, DE
[72] STORBECK, REINHARD, DE
[72] WIECK, ANDREAS, DE
[71] BEIERSDORF AKTIENGESELLSCHAFT, DE
[22] 2000-01-21
[43] 2000-07-21
[30] DE (DE 199 02 179.1) 1999-01-21

[21] **2,296,937**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7G11B 23/00**
[25] EN
[54] **METHOD AND SYSTEM FOR REDIRECTING WEB PAGE REQUESTS ON A TCP/IP NETWORK**
[54] **METHODE ET SYSTEME DE REACHEMINEMENT DE DEMANDES DE PAGES WEB SUR UN RESEAU TCP/IP**
[72] BROTHERS, JOHN D. W., US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-01-21
[43] 2000-07-22
[30] US (09/236,159) 1999-01-22

[21] **2,296,939**
[13] A1

[51] **Int.Cl. 7H01C 10/00**
[25] EN
[54] **FAILSAFE MONITORING SYSTEM FOR POTENTIOMETERS**
[54] **SYSTEME DE SURVEILLANCE DE POTENTIOMETRES A SECURITE INTEGRE**
[72] JUNTUNEN, ROBERT DEAN, US
[72] BARTELS, JAMES I., US
[71] HONEYWELL INC., US
[22] 2000-01-21
[43] 2000-07-22
[30] US (09/235,176) 1999-01-22

[21] **2,296,973**
[13] A1

[51] **Int.Cl. 7E04B 2/96 7E04B 7/18**
[25] EN
[54] **T-CONNECTION BETWEEN A CROSSBAR PROFILE AND A VERTICAL PROFILE OF A FACADE OR A GLAZED ROOF**
[54] **CONNECTION EN T ENTRE UN PROFIL CROSSBAR ET UN PROFIL DE FACADE VERTICALE OU D'UNE TOITURE VERNIS**
[72] STEEGE, DIETER, DE
[71] SCHUCO INTERNATIONAL KG, DE
[22] 2000-01-17
[43] 2000-07-18
[30] DE (199 01 775.1) 1999-01-18

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July 16, 2000 - July 22, 2000

[21] **2,296,974**
[13] A1

[51] **Int.Cl. 7G06T 7/60**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE
DETECTION DE SEGMENTS DE
DROITES DANS UN FLOT DE
DONNEES NUMERIQUES
REPRESENTATIVES D'UNE IMAGE,
DANS LEQUEL SONT IDENTIFIES LES
POINTS CONTOURS DE
LADITEIMAGE**
[54] **PROCESS AND DEVICE FOR
DETECTION OF LINEAR SEGMENTS
IN A FLOW OF DIGITAL DATA
REPRESENTING AN IMAGE, IN
WHICH ARE IDENTIFIED THE
BOUNDARY POINTS OF THE SAID
IMAGE**
[72] EL AKEL, KHALID, FR
[72] DUMONTIER, CHRISTOPHE, FR
[72] REUZE, PATRICK, FR
[72] THURIES, SERGE, FR
[72] MASSIEU, JEAN-LOUIS, FR
[72] PUECH, JEAN-MICHEL, FR
[71] INTERMEC SCANNER
TECHNOLOGY CENTER, FR
[22] 2000-01-18
[43] 2000-07-22
[30] FR (99.00718) 1999-01-22

[21] **2,296,978**
[13] A1

[51] **Int.Cl. 7E21B 33/14**
[25] FR
[54] **PROCEDE DE DESTRUCTION
D'UN ISOLANT THERMIQUE RIGIDE
DISPOSE DANS UN ESPACE CONFINE**
[54] **DESTRUCTION PROCESS FOR
RIGID THERMAL INSULATION
INSTALLED IN A CONFINED SPACE**
[72] JOUBERT, PHILIPPE, FR
[71] ELF EXPLORATION PRODUCTION,
FR
[22] 2000-01-19
[43] 2000-07-20
[30] FR (99 00 584) 1999-01-20

[21] **2,296,983**
[13] A1

[51] **Int.Cl. 7H01H 83/04**
[25] EN
[54] **GROUND FAULT CIRCUIT
BREAKER**
[54] **DISJONCTEUR DE MISE A LA
TERRE**
[72] FELLO, JOSEPH P., US
[72] ADAMSON, WAYNE G., US
[72] RIVERA, WILLIAM, US
[72] THEADORE, GARRY B., US
[71] EATON CORPORATION, US
[22] 2000-01-18
[43] 2000-07-19
[30] US (09/233,633) 1999-01-19

[21] **2,296,985**
[13] A1

[51] **Int.Cl. 7G01F 3/08**
[25] EN
[54] **ROTARY PISTON GAS METER**
[54] **DEBITMETRE A PISTON ROTATIF**
[72] RICHARDS, RAYMOND BERNARD
JOHANNES, NL
[71] INSTROMET B.V., NL
[22] 2000-01-18
[43] 2000-07-19
[30] NL (1011078) 1999-01-19

[21] **2,296,987**
[13] A1

[51] **Int.Cl. 7H04M 1/26**
[25] EN
[54] **ADAPTIVE PAGING SIGNAL IN
CORDLESS TELEPHONE**
[54] **SIGNAL DE
TELEAVERTISSEMENT POUR
TELEPHONE SANS CORDON**
[72] JOHANSON, JAMES A., US
[72] MOONEY, PHILIP D., US
[72] CANNON, JOSEPH M., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-01-18
[43] 2000-07-21
[30] US (09/234,737) 1999-01-21

[21] **2,296,992**
[13] A1

[51] **Int.Cl. 7B63B 35/00 7B63B 25/02
7B63B 35/28 7B63B 21/62**
[25] EN
[54] **SEA GOING BARGE TRAIN**
[54] **CONVOI DE MER**
[72] WIERICK, CARLOS KOUNTZ, MX
[71] WIERICK, CARLOS KOUNTZ, MX
[22] 2000-01-18
[43] 2000-07-20
[30] US (09/234,247) 1999-01-20

[21] **2,297,136**
[13] A1

[51] **Int.Cl. 7E21B 29/06 7E21B 7/08**
[25] EN
[54] **ONE-TRIP WINDOW MILLING
APPARATUS & METHOD WITH
MEASUREMENT-WHILE-DRILLING**
[54] **APPAREIL DE BROYAGE A
FENETRE A PASSAGE UNIQUE ET
METHODE DE MESURE EN COURS DE
FORAGE**
[72] SWANSON, ROY E., JR., US
[72] DAVIS, JOHN P., US
[72] HARDY, MEL, US
[72] HERN, GREGORY L., US
[71] BAKER HUGHES INCORPORATED,
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[43] 2000-07-21
[30] US (60/116,637) 1999-01-21

[21] **2,297,309**
[13] A1

[51] **Int.Cl. 7F21V 21/088 7F21S 8/04**
[25] EN
[54] **LIGHT FIXTURE WITH TRIM
MOUNTING CLIP**
[54] **APPAREIL D'ECLAIRAGE AVEC
UN DISPOSITIF DE FIXATION**
[72] HILTON, ERNIE P., US
[71] COOPER TECHNOLOGIES
COMPANY, US
[22] 2000-01-18
[43] 2000-07-19
[30] US (09/233,074) 1999-01-19

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[13] A1

[51] **Int.Cl. 7A61F 13/472**
[25] EN
[54] **BODY FLUIDS ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT LES FLUIDES BIOLOGIQUES**
[72] MIZUTANI, SATOSHI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-01-18
[43] 2000-07-19
[30] JP (11-11023) 1999-01-19

[21] **2,297,312**
[13] A1

[51] **Int.Cl. 7A61F 13/472**
[25] EN
[54] **ABSORBENT ARTICLE FOR DISPOSAL OF BODY FLUIDS**
[54] **ARTICLE ABSORBANT POUR L'ELIMINATION DE LIQUIDES ORGANIQUES**
[72] KASHIWAGI, MASAHIRO, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-01-18
[43] 2000-07-20
[30] JP (11-12335) 1999-01-20

[21] **2,297,321**
[13] A1

[51] **Int.Cl. 7F16M 7/00 7H02P 19/02 7F16K 31/04 7F24F 13/10**
[25] EN
[54] **LOAD TRANSFER DEVICE FOR TANDEM MOUNTED ACTUATORS**
[54] **DISPOSITIF DE TRANSFERT DES CHARGES POUR ACTIONNEURS MONTES EN SERIE**
[72] MACDONALD, DANIEL L., US
[71] HONEYWELL INC., US
[22] 2000-01-18
[43] 2000-07-20
[30] US (09/234,215) 1999-01-20

[21] **2,297,378**
[13] A1

[51] **Int.Cl. 7F16G 9/00 7G01K 13/00 7B66B 7/06 7G01K 7/16**
[25] EN
[54] **SYNTHETIC FIBER CABLE**
[54] **CABLE EN FIBRES SYNTHETIQUES**
[72] DE ANGELIS, CLAUDIO, CH
[71] INVENTIO AG, CH
[22] 2000-01-21
[43] 2000-07-22
[30] EP (99810052.3) 1999-01-22

[21] **2,297,371**
[13] A1

[51] **Int.Cl. 7A61B 17/00**
[25] EN
[54] **SURGICAL APPARATUS AND METHOD FOR PERFORMING TRANSABDOMINAL CARDIAC SURGERY**
[54] **APPAREIL CHIRURGICAL ET METHODE POUR PRATIQUER UNE CHIRURGIE CARDIAQUE PAR VOIE TRANSABDOMINALE**
[72] PAOLITTO, ANTHONY, CA
[72] VALENTINI, VALERIO, CA
[72] CARTIER, RAYMOND, CA
[71] CORONEO INC., CA
[22] 2000-01-21
[43] 2000-07-21
[30] CA (2,261,488) 1999-01-21

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[13] A1

[51] **Int.Cl. 7F16G 9/00 7B66B 7/12 7D07B 1/16**
[25] EN
[54] **DETECTION OF DAMAGE TO THE ROPE SHEATH OF A SYNTHETIC FIBER ROPE**
[54] **DETECTION DE DOMMAGES SUBIS PAR LA GAINÉ D'UN CABLE EN FIBRES SYNTHETIQUES**
[72] DE ANGELIS, CLAUDIO, CH
[71] INVENTIO AG, CH
[22] 2000-01-21
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[30] EP (99810049.9) 1999-01-22

[21] **2,297,379**
[13] A1

[51] **Int.Cl. 7G08B 17/00**
[25] EN
[54] **ALARMS FOR MONITORING OPERATION OF SENSORS IN A FIRE-SUPPRESSION SYSTEM**
[54] **ALARMES POUR LA SURVEILLANCE DU FONCTIONNEMENT DE CAPTEURS DANS UN SYSTEME D'EXTINCTION D'INCENDIE**
[72] WHEELER, STEVEN R., US
[72] EVANS, RICHARD P., JR., US
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[21] **2,297,473**
[13] A1

[51] **Int.Cl. 7G01C 19/64**
[25] EN
[54] **GYRO APPARATUS AND GYROSCOPE**
[54] **APPAREIL GYROSCOPIQUE ET GYROSCOPE**
[72] TAKAHIRO, NUMAI, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2000-01-21
[43] 2000-07-22
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[21] **2,297,494**
[13] A1

[51] **Int.Cl. 7E21C 35/20 7B66B 17/00 7B65G 35/00**
[25] EN
[54] **CONVEYOR APPARATUS FOR OPEN-CUT MINING**
[54] **CONVOYEUR D'EXPLOITATION MINIERE A CIEL OUVERT**
[72] ISENBURG, WERNER, DE
[72] SCHRODER, WALTER, DE
[72] SCHUBERT, WOLFGANG, DE
[72] SIMMICH, KLAUS, DE
[72] LUTTICKE, PAUL-GERHARD, DE
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[30] DE (199 02 447.2) 1999-01-22
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[21] **2,297,520**
[13] A1

[51] **Int.Cl. 7D07B 1/02**
[25] EN
[54] **SHEATHED SYNTHETIC FIBER ROPE**
[54] **CORDAGE A GAINÉ EN FIBRES SYNTHÉTIQUES**
[72] DE ANGELIS, CLAUDIO, CH
[71] INVENTIO AG, CH
[22] 2000-01-20
[43] 2000-07-22
[30] EP (99810050.7) 1999-01-22

[21] **2,301,363**
[13] A1

[51] **Int.Cl. 7B65D 41/04**
[25] EN
[54] **CLOSURE FOR RECEPTACLES HAVING THREADED NECKS**
[54] **COUVERCLES POUR RECIPIENTS A COL FILETÉ**
[72] YEE, MELITA, CA
[71] YEE, MELITA, CA
[22] 2000-03-20
[43] 2000-07-17

[21] **2,297,523**
[13] A1

[51] **Int.Cl. 7E06B 5/00 7E02D 29/14**
[25] EN
[54] **SAFE HATCH**
[54] **TRAPPE SECURITAIRE**
[72] MCKERNAN, TIMOTHY J., US
[71] SYRACUSE CASTINGS SALES CORP., US
[22] 2000-01-20
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[30] US (09/235,107) 1999-01-21

[21] **2,303,693**
[13] A1

[51] **Int.Cl. 7A44B 11/00**
[25] EN
[54] **METHOD AND APPARATUS FOR TOUGHENING METAL STRAP BUCKLES**
[54] **METHODE ET APPAREIL POUR RENFORCER LES BOUCLES DE BANDE EN METAL**
[72] BARKLEY, RICHARD AARON, CA
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[21] **2,297,525**
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[51] **Int.Cl. 7B21B 45/06**
[25] EN
[54] **METHOD FOR MANUFACTURING COLD ROLLED METAL STRIP HAVING IMPROVED SURFACE ROUGHNESS**
[54] **METHODE DE FABRICATION DE BANDE METALLIQUE LAMINEE A FROID A RUGOSITE DE SURFACE AMELIOREE**
[72] LEEKER, JERALD W., US
[72] KOVSCEK, CHRISTOPHER M., US
[72] NELSON, CHRISTIAN D., US
[71] ARMCO INC., US
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[43] 2000-07-21
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[51] Int.Cl. 7C12N 15/54 7C07H 21/00
7A61K 48/00 7C12N 15/10 7C12Q 1/48
7C12Q 1/68 7A61K 31/70
[25] EN
[54] MODULATORS OF DNA
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AND METHODS FOR USE THEREOF
[54] MODULATEURS DE CYTOSINE-5
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[72] REICH, NORBERT O., US
[72] FLYNN, JAMES, US
[71] THE REGENTS OF THE
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[85] 2000-02-08
[86] 1998-06-12 (PCT/US98/12351)
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[30] US (60/057,411) 1997-08-29

[21] **2,301,150**
[13] A1
[51] Int.Cl. 7A41D 13/00 7A62B 17/00
[25] EN
[54] GARMENT WITH ABSORBING
FEATURES, FOR USE IN A
CLEANROOM
[54] VETEMENT POUR SALLE
BLANCHE, A PROPRIETES
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[72] DE RUITER, ERNEST, DE
[72] TORNBLUM, JONAS, DE
[71] CALGON CARBON CORPORATION,
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[13] A1
[51] Int.Cl. 7C12N 15/54 7C12N 9/10
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[25] EN
[54] THE C. ELEGANS GRO-1 GENE
[54] GENE GRO-1 DE C. ELEGANS
[72] LEMIEUX, JASON, CA
[72] BARNES, THOMAS, US
[72] LAKOWSKI, BERNARD, DE
[72] HEKIMI, SIEGFRIED, CA
[71] MCGILL UNIVERSITY, CA
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[25] EN
[54] ELECTROLYTIC SOLUTION FOR
USE IN ELECTROLYTIC CAPACITOR
AND ELECTROLYTIC CAPACITOR
[54] SOLUTION ELECTROLYTIQUE
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CONDENSATEUR CATALYTIQUE ET
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[72] KOMATSU, AKIHIKO, JP
[72] OGAWARA, TETSUSHI, JP
[71] RUBYCON CORPORATION, JP
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[21] **2,308,924**
[13] A1
[51] Int.Cl. 7F01C 9/00 7F02B 53/00
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[25] EN
[54] RECIPROCATING ROTARY
PISTON SYSTEM AND PRESSURE
PUMP AND INTERNAL COMBUSTION
ENGINE USING THE SAME
[54] SYSTEME DE PISTON ROTATIF
ALTERNATIF ET POMPE A PRESSION
ET MOTEUR A COMBUSTION
INTERNE LES UTILISANT
[72] KIM, SEUNG KYUN, KR
[72] KIM, CHANG KYUN, KR
[71] KIM, SEUNG KYUN, KR
[71] KIM, CHANG KYUN, KR
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[51] Int.Cl. 6C12N 15/90 6A01K 67/027
6C12N 5/16 6C07K 16/18
[25] EN
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VECTORS
[54] SYSTEME DE TRANSPOSON A
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[72] IVICS, ZOLTAN, DE
[72] LARGAESPADA, DAVID A., US
[72] IZSVAK, ZSUZSANNA, DE
[72] EKKER, STEPHEN C., US
[72] HACKETT, PERRY B., US
[72] CLARK, KARL J., US
[72] DUPUY, ADAM J., US
[71] REGENTS OF THE UNIVERSITY OF
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[13] A1
[51] **Int.Cl. 6C12N 15/82 6A01H 5/00**
6C12N 9/00 6C12N 5/10 6C07K 16/16
6C12N 15/52 6G01N 33/563 6C12Q 1/68
[25] EN
[54] **METHODS AND MEANS FOR**
MODIFICATION OF
GLUCOSINOLATES IN PLANTS
[54] **PROCEDES ET MOYENS DE**
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GLUCOSINOLATES DANS DES
PLANTES
[72] MITHEN, RICHARD FRANCIS, GB
[71] PLANT BIOSCIENCE LIMITED, GB
[85] 2000-05-04
[86] 1998-11-23 (PCT/GB98/03525)
[87] 1999-06-03 (WO99/27120)
[30] GB (9724691.2) 1997-11-21

[21] **2,309,003**
[13] A1
[51] **Int.Cl. 6A61K 38/00 6A61K 45/00**
[25] EN
[54] **INSECT CELLS OR FRACTIONS**
AS ADJUVANT FOR ANTIGENS
[54] **CELLULES OU FRAGMENTS**
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ADJUVANTS D'ANTIGENES
[72] DEBARTOLOMEIS, JAMES, US
[72] VOZNESENSKI, ANDREI
IGOREVITCH, US
[72] SMITH, GALE EUGENE, US
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[30] US (08/965,698) 1997-11-07

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[13] A1
[51] **Int.Cl. 6C12N 1/00 6C12N 9/00**
6C12N 5/10 6C12N 15/52 6C12N 15/63
6C12Q 1/68
[25] EN
[54] **MURD PROTEIN AND GENE OF**
STREPTOCOCCUS PYOGENES
[54] **PROTEINE MURD ET GENE DE**
STREPTOCOCCUS PYOGENES
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[72] EL-SHERBEINI, MOHAMMED, US
[71] MERCK & CO., INC., US
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[87] 1999-05-14 (WO99/23201)
[30] US (60/064,205) 1997-11-04

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[13] A1
[51] **Int.Cl. 7C10G 65/10**
[25] EN
[54] **LOW PRESSURE NAPHTHA**
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[72] ROSE, BRENDA H., JP
[72] PAPPAL, DAVID ANDREW, US
[72] DEL ROSSI, KENNETH JOSEPH, US
[71] MOBIL OIL CORPORATION, US
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[30] US (08/964,269) 1997-11-03

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[13] A1
[51] **Int.Cl. 6C12N 15/11 6C12N 9/00**
6C07H 21/02 6C12N 5/10 6C12Q 1/68
6A61K 31/70 6C07K 14/71
[25] EN
[54] **ERBB-4 TARGETED RIBOZYMES**
[54] **RIBOZYMES CIBLEES SUR ERBB-**
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[72] TANG, CAREEN K., US
[72] LIPPMAN, MARC E., US
[71] GEORGETOWN UNIVERSITY
MEDICAL CENTER, US
[85] 2000-04-27
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[87] 1999-05-14 (WO99/23209)
[30] US (60/063,875) 1997-10-31

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[13] A1
[51] **Int.Cl. 7A21D 13/00 7A21D 2/18**
7A23L 1/307
[25] EN
[54] **PHYSICALLY COATED**
CELLULOSE AS LOW CALORIE
FLOUR REPLACEMENTS
[54] **CELLULOSE PHYSIQUEMENT**
ENROBEE UTILISEE COMME
SUBSTITUTS HYPOCALORIQUE DE
FARINE
[72] GALBRAITH, JEFFREY, US
[72] D'AMELIA, RONALD, US
[72] AKKAWAY, DANIEL, US
[72] SAUER, ROBERT M., JR., US
[72] DEMING, DENISE, US
[72] YARGER, RONALD, US
[72] MENIIVAR, JUAN A., US
[72] MADEKA, HARESH P., US
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[72] YOU, XIAOMING, US
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[71] NABISCO, INC., US
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[30] US (08/964,070) 1997-11-04

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[13] A1
[51] **Int.Cl. 7B22F 7/02 7B01J 35/02**
7C04B 38/06
[25] EN
[54] **MULTI-CHANNEL STRUCTURES**
AND PROCESSES FOR MAKING SUCH
STRUCTURES
[54] **STRUCTURES MULTICANAUX ET**
LEURS PROCEDES DE FABRICATION
[72] MALLIA, ROBERT, US
[72] TUCHINSKIY, LEV, US
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[85] 2000-05-05
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[30] US (08/743,731) 1996-11-06
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[13] A1

[51] **Int.Cl. 6C12N 15/31 6C07K 19/00 6A01K 67/027 6A61K 39/118 6C07K 16/12 6C07K 14/295 6G01N 33/53 6C12N 15/62 6C12Q 1/68**

[25] EN
[54] **CHLAMYDIA TRACHOMATIS GENOMIC SEQUENCE AND POLYPEPTIDES, FRAGMENTS THEREOF AND USES THEREOF, IN PARTICULAR FOR THE DIAGNOSIS, PREVENTION AND TREATMENT OF INFECTION**

[54] **SEQUENCE GENOMIQUE ET POLYPEPTIDES DE CHLAMYDIA TRACHOMATIS, LEURS FRAGMENTS ET LEURS UTILISATIONS, EN PARTICULIER, POUR LE DIAGNOSTIC, LA PREVENTION ET LE TRAITEMENT DE L'INFECTION**

[72] ZAGURSKY, ROBERT J., US
[72] GRIFFAIS, REMY, FR

[72] HOISETH, SUSAN K., US

[72] PEEK, JOEL A., US

[72] METCALF, BENJAMIN J., US

[72] SANKARAN, BANUMATHI, US

[72] FLETCHER, LEAH D., US

[71] GENSET, FR

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[87] 1999-06-10 (WO99/28475)

[30] FR (97/15041) 1997-11-28

[30] FR (97/16034) 1997-12-17

[30] US (60/107,077) 1998-11-04

[21] **2,309,315**
[13] A1

[51] **Int.Cl. 6C12N 15/86 6C12N 5/10**

[25] FR

[54] **VECTEURS ADENOVIRAUX ET METHODE DE REDUCTION DES EVENEMENTS DE RECOMBINAISON HOMOLOGUE**

[54] **ADENOVIRUS VECTORS AND METHOD FOR REDUCING HOMOLOGOUS RECOMBINATION PHENOMENA**

[72] YEH, PATRICE, FR

[72] CROUZET, JOEL, FR

[72] VIGNE, EMMANUELLE, FR

[72] ROBERT, JEAN-JACQUES, FR

[71] AVENTIS PHARMA S.A., FR

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[30] FR (9714383) 1997-11-17

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[13] A1

[51] **Int.Cl. 6C12N 15/74 6C12N 1/21**

[25] FR

[54] **PLASMIDE DE LEUCONOSTOC NON RCR APTE A ETRE TRANSFERE DANS DES BACTERIES LACTIQUES; UTILISATION COMME OUTIL DE CLONAGE ET D'EXPRESSION**

[54] **NON RCR LEUCONOSTOC PLASMID CAPABLE OF BEING TRANSFERRED INTO LACTIC ACID BACTERIA; USE AS CLONING AND EXPRESSING TOOL**

[72] CENATIEMPO, YVES, FR

[72] FREMAUX, CHRISTOPHE, FR

[72] BIET, FRANCK, FR

[71] TEXEL, FR

[85] 2000-05-02

[86] 1998-11-02 (PCT/FR98/02341)

[87] 1999-05-20 (WO99/24591)

[30] FR (97/13977) 1997-11-06

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[13] A1

[51] **Int.Cl. 6C07K 14/475 6C07H 21/04**

6C12N 5/06 6C12N 5/08 6C12N 15/10

6A61K 38/18 6C07K 14/485 6C12N 15/63

6C12N 15/66

[25] EN

[54] **MAMMALIAN MILK GROWTH FACTOR**

[54] **FACTEUR DE CROISSANCE DU LAIT DE MAMMIFERE**

[72] BELFORD, DAVID ANDREW, AU

[72] GODDARD, CHRISTOPHER, AU

[72] DUNBAR, ANDREW JEREMY, AU

[71] GROPEP PTY. LTD., AU

[85] 2000-05-04

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[30] AU (PP 0318) 1997-11-12

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[13] A1

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6C12N 9/02 6A01H 5/10 6C12N 5/10

6C12N 15/62 6C12N 15/82

[25] FR

[54] **HYDROXY-PHENYL PYRUVATE DIOXYGENASE CHIMERE, SEQUENCE D'ADN ET OBTENTION DE PLANTES CONTENANT UN TEL GENE, TOLERANTES AUX HERBICIDES**

[54] **CHIMERIC HYDROXY-PHENYL PYRUVATE DIOXYGENASE, DNA SEQUENCE AND METHOD FOR OBTAINING PLANTS CONTAINING SUCH A GENE, WITH HERBICIDE TOLERANCE**

[72] BOURDON, HELENE, FR

[72] DUMAS, FLORENCE, FR

[72] BOUDECE, PHILIPPE, FR

[72] RODGERS, MATTHEW, GB

[72] SAILLAND, ALAIN, FR

[71] AVENTIS CROPS SCIENCE S.A., FR

[85] 2000-05-05

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[87] 1999-05-20 (WO99/24586)

[30] FR (97/14264) 1997-11-07

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[13] A1

[51] **Int.Cl. 6C07K 16/00 6A61K 49/00**

6C12N 5/00 6C12P 21/08 6A61K 51/10

6G01N 33/53 6G01N 33/531

[25] EN

[54] **GLYCOSYLATED ANTIBODIES AND ANTIBODY FRAGMENTS**

HAVING REACTIVE KETONE GROUPS

[54] **ANTICORPS GLYCOSYLES ET FRAGMENTS D'ANTICORPS**

PRESENTANT DES GROUPES CETONIQUES REACTIFS

[72] MCBRIDE, WILLIAM J., US

[72] HANSEN, HANS, US

[72] LEUNG, SHUI-ON, US

[72] QU, ZHENGXING, US

[71] IMMUNOMEDICS, INC., US

[85] 2000-05-05

[86] 1998-11-06 (PCT/US98/23238)

[87] 1999-05-20 (WO99/24472)

[30] US (60/064,386) 1997-11-06

PCT Applications Entering the National Phase

[21] **2,309,322**
[13] A1

[51] **Int.Cl. 6C12N 15/53 6A01H 5/00 6C12N 9/02 6A01H 5/10 6C12N 5/10 6C12N 15/62 6C12N 15/82**
[25] FR
[54] **HYDROXY-PHENYL PYRUVATE DIOXYGENASE MUTEE, SEQUENCE D'ADN ET OBTENTION DE PLANTES CONTENANT UN TEL GENE, TOLERANTES AUX HERBICIDES**
[54] **MUTATED HYDROXY-PHENYL PYRUVATE DIOXYGENASE, DNA SEQUENCE AND METHOD FOR OBTAINING HERBICIDE-TOLERANT PLANTS CONTAINING SUCH GENE**
[72] BOURDON, HELENE, FR
[72] DUMAS, FLORENCE, FR
[72] RODGERS, MATTHEW, GB
[72] SAILLAND, ALAIN, FR
[72] BOUDEC, PHILIPPE, FR
[71] RHONE-POULENC AGRO, FR
[85] 2000-05-05
[86] 1998-11-06 (PCT/FR98/02374)
[87] 1999-05-20 (WO99/24585)
[30] FR (97/14264) 1997-11-07

[21] **2,309,392**
[13] A1

[51] **Int.Cl. 6A61K 31/675 6A61K 31/535**
[25] EN
[54] **METHOD FOR TREATING ATTENTION DEFICIT DISORDER**
[54] **PROCEDE DE TRAITEMENT DU TROUBLE DEFICITAIRE DE L'ATTENTION**
[72] KRAMER, MARKS S., US
[72] RUPNIAK, NADIA, US
[72] GLATT, DAVID I., US
[71] MERCK & CO., INC., US
[85] 2000-05-10
[86] 1998-11-18 (PCT/US98/24634)
[87] 1999-05-27 (WO99/25364)
[30] US (60/066,191) 1997-11-19
[30] GB (9810176.9) 1998-05-13

[21] **2,309,440**
[13] A1

[51] **Int.Cl. 7C07C 15/073 7C07C 15/085 7C07C 6/12 7C07C 2/66**
[25] EN
[54] **ALKYLAROMATICS PRODUCTION**
[54] **PRODUCTION DE COMPOSES ALKYLAROMATIQUES**
[72] MAZZONE, DOMINICK NICHOLAS, US
[72] VENKAT, CHAYA RAO, US
[72] COLLINS, NICK ALLEN, US
[71] MOBIL OIL CORPORATION, US
[85] 2000-05-02
[86] 1998-11-06 (PCT/US98/23734)
[87] 1999-06-03 (WO99/26904)
[30] US (08/980,108) 1997-11-26

[21] **2,309,458**
[13] A1

[51] **Int.Cl. 7F04B 53/18 7F04B 53/08**
[25] EN
[54] **LUBRICATION SYSTEM FOR HYDRAULIC PUMPS**
[54] **SYSTEME DE GRAISSAGE POUR POMPES HYDRAULIQUES**
[72] MCBURNETT, JAMES R., US
[71] DANA CORPORATION, US
[85] 2000-05-02
[86] 1999-09-28 (PCT/US99/22316)
[87] 2000-04-06 (WO00/19067)
[30] US (09/161,289) 1998-09-28

[21] **2,309,461**
[13] A1

[51] **Int.Cl. 6C07D 417/12**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF THIAZOLIDINEDIONE DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES DE THIAZOLIDINEDIONE**
[72] QUICK, JOHN KIRBY, GB
[72] GILES, ROBERT GORDON, GB
[72] LEWIS, NORMAN JOHN, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2000-05-02
[86] 1998-10-27 (PCT/EP98/06997)
[87] 1999-05-14 (WO99/23095)
[30] GB (9723295.3) 1997-11-04

[21] **2,309,599**
[13] A1

[51] **Int.Cl. 6G01N 33/543**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO DISPLACEMENT ASSAYS**
[54] **AMELIORATIONS APPORTEES AUX ANALYSES DE DEPLACEMENT**
[72] BADLEY, ROBERT ANDREW, GB
[72] BERRY, MARK JOHN, GB
[72] HOWELL, STEPHEN, GB
[71] UNILEVER PLC, GB
[85] 2000-05-18
[86] 1998-11-23 (PCT/GB98/03483)
[87] 1999-06-03 (WO99/27368)
[30] EP (97309409.7) 1997-11-21

[21] **2,309,600**
[13] A1

[51] **Int.Cl. 6C12N 15/70 6C12P 21/00**
[25] EN
[54] **COLD-INDUCIBLE EXPRESSION VECTOR**
[54] **VECTEUR D'EXPRESSION INDUCTIBLE A FROID**
[72] TAKAYAMA, MASANORI, JP
[72] NOMURA, YOSHIKO, JP
[72] KATO, IKUNOSHIN, JP
[71] TAKARA SHUZO CO., LTD., JP
[85] 2000-05-15
[86] 1998-11-17 (PCT/JP98/05171)
[87] 1999-06-03 (WO99/27117)
[30] JP (334792/97) 1997-11-20

[21] **2,309,625**
[13] A1

[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **TRANSCRIPTION BASED AMPLIFICATION OF DOUBLE STRANDED DNA TARGETS**
[54] **AMPLIFICATION D'ADN DOUBLE BRIN CIBLE, A BASE DE TRANSCRIPTION**
[72] VAN GEMEN, BOB, NL
[72] VAN STRIJP, DIANNE ARNOLDINA MARGARETHA WILHELMINA, NL
[72] SCHUKKINK, ADRIANA FREDERIEKE, NL
[71] AKZO NOBEL N.V., NL
[85] 2000-05-16
[86] 1998-11-11 (PCT/EP98/07329)
[87] 1999-05-27 (WO99/25868)
[30] EP (97203577.8) 1997-11-17

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| <p style="text-align: right;">[21] 2,309,636 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/30 [25] FR [54] STATION DE BASE PRIVEE POUR RADIOTELEPHONE MOBILE [54] PRIVATE BASE STATION FOR MOBILE PHONE [72] LUCIDARME, THIERRY, FR [72] DUPLESSIS, PHILIPPE, FR [72] VINCENT, PAUL, FR [71] NORTEL MATRA CELLULAR, FR [85] 2000-05-09 [86] 1998-11-20 (PCT/FR98/02490) [87] 1999-06-03 (WO99/27729) [30] FR (97/14717) 1997-11-24</p> | <p style="text-align: right;">[21] 2,309,688 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/56 6A61K 47/00 [25] EN [54] PENETRATION ENHANCING AND IRRITATION REDUCING SYSTEMS [54] SYSTEME AMELIORANT L'ADMINISTRATION DE MEDICAMENTS ET REDUISANT LES IRRITATIONS [72] MAK, VIVIEN H. W., US [72] GRAYSON, STEPHEN, US [71] CELLEGY PHARMACEUTICALS, INC., US [85] 2000-05-10 [86] 1998-11-09 (PCT/US98/23750) [87] 1999-05-20 (WO99/24041) [30] US (60/064,980) 1997-11-10</p> | <p style="text-align: right;">[21] 2,309,709 [13] A1</p> <p>[51] Int.Cl. 6A61L 27/00 6C04B 35/645 [25] EN [54] IMPLANT ELEMENT [54] ELEMENT IMPLANT [72] HERMANSSON, LEIF, SE [72] HALL, JAN, SE [71] NOBEL BIOCARE AB, SE [85] 2000-05-10 [86] 1998-10-28 (PCT/SE98/01948) [87] 1999-06-03 (WO99/26673) [30] SE (9704115-6) 1997-11-11</p> |
| <p style="text-align: right;">[21] 2,309,685 [13] A1</p> <p>[51] Int.Cl. 6C07D 451/02 [25] EN [54] PROCESS FOR THE PREPARATION OF 8-AZABICYCLO(3.2.1)OCTANE DERIVATIVES [54] PROCEDE DE PREPARATION DES DERIVES DE 8-AZABICYCLO(3.2.1)OCTANE [72] PERRIOR, TREVOR ROBERT, GB [72] BROWN, STEPHEN MARTIN, GB [72] BOWDEN, MARTIN CHARLES, GB [72] SMITH, DOUGLAS JOHN, GB [71] ZENECA LIMITED, GB [85] 2000-05-10 [86] 1998-12-07 (PCT/GB98/03633) [87] 1999-06-17 (WO99/29690) [30] GB (9726251.3) 1997-12-11 [30] GB (9809291.9) 1998-04-30</p> | <p style="text-align: right;">[21] 2,309,689 [13] A1</p> <p>[51] Int.Cl. 6G06F 3/023 [25] EN [54] COMPUTER INPUT DEVICE AND CONTROLLER THEREFOR [54] ORGANE D'ENTREE D'ORDINATEUR ET SON SYSTEME DE COMMANDE [72] HENNESSY, MICHAEL T., US [71] LEGALTECH, INC., US [85] 2000-05-10 [86] 1997-11-12 (PCT/US97/20833) [87] 1998-05-22 (WO98/21645) [30] US (08/788,598) 1996-11-12</p> | <p style="text-align: right;">[21] 2,309,710 [13] A1</p> <p>[51] Int.Cl. 6B67D 5/32 [25] EN [54] TAMPER-EVIDENT CLOSURE [54] BOUCHON AVEC SYSTEME DE SECURITE [72] BECK, JAMES M., US [72] STONEBERG, THOMAS C., US [71] CREATIVE PACKAGING CORP., US [85] 2000-05-10 [86] 1999-01-13 (PCT/US99/00734) [87] 1999-08-26 (WO99/42401) [30] US (09/027,126) 1998-02-20</p> |
| <p style="text-align: right;">[21] 2,309,687 [13] A1</p> <p>[51] Int.Cl. 6G06F 19/00 [25] EN [54] ENVIRONMENTAL MONITORING SYSTEM [54] SYSTEME DE SURVEILLANCE DE L'ENVIRONNEMENT [72] SALAH, MAHER, US [72] NEVO, IGAL, US [72] DAGALUR, SRINIVAS S., US [72] NEWMAN, MARK, US [71] ALBERT EINSTEIN HEALTHCARE NETWORK, US [85] 2000-05-10 [86] 1998-11-10 (PCT/US98/23936) [87] 1999-05-20 (WO99/24930) [30] US (08/967,124) 1997-11-12</p> | <p style="text-align: right;">[21] 2,309,707 [13] A1</p> <p>[51] Int.Cl. 6B05B 11/00 6B65D 83/00 6B65D 47/34 [25] EN [54] TRIGGER TYPE LIQUID SPRAY CONTAINER FOR OPERATION IN BOTH UPRIGHT AND INVERTED POSITIONS [54] RECEPTACLE DE PULVERISATION DE LIQUIDE DE TYPE GACHETTE FONCTIONNANT A LA FOIS EN POSITION VERTICALE ET EN POSITION INVERSEE [72] NAKAMURA, HIROYUKI, JP [72] TASAKI, TAKAHARU, JP [72] TSUCHIDA, HARUO, JP [71] YOSHINO KOGYOSHO CO., LTD., JP [85] 2000-05-10 [86] 1999-09-10 (PCT/JP99/04930) [87] 2000-03-23 (WO00/15349) [30] JP (10-276557) 1998-09-11 [30] JP (10-288822) 1998-09-24</p> | <p style="text-align: right;">[21] 2,309,711 [13] A1</p> <p>[51] Int.Cl. 6C07D 405/06 6A61K 31/44 [25] EN [54] N-HYDROXYUREA DERIVATIVE AND MEDICINE CONTAINING THE SAME [54] DERIVE DE N-HYDROXYUREE ET MEDICAMENT LE CONTENANT [72] KOMATSU, TOSHIYA, JP [72] KAWAHARA, YOSHIKAZU, JP [72] OHMORI, HIROMASA, JP [72] TSUZUKI, MINA, JP [72] TAKANO, MICHIKA, JP [71] NIKKEN CHEMICALS CO., LTD., JP [85] 2000-05-10 [86] 1998-11-09 (PCT/JP98/05034) [87] 1999-05-20 (WO99/24426) [30] JP (9/323971) 1997-11-11</p> |

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[21] **2,309,712**
[13] A1

[51] **Int.Cl. 6G09F 3/18**
[25] EN
[54] **INDICIA DISPLAYING STATIONERY PRODUCTS**
[54] **ARTICLES DE BUREAU PORTEURS DE REPERES VISUELS**
[72] MATTHEWS, MARK C., US
[72] OLIVER, DAVID H., US
[72] VISH, RON, US
[71] ACME UNITED CORPORATION, US
[85] 2000-05-10
[86] 1998-10-30 (PCT/US98/23164)
[87] 1999-05-27 (WO99/26218)
[30] US (60/065,640) 1997-11-18
[30] US (09/164,688) 1998-10-01

[21] **2,309,718**
[13] A1

[51] **Int.Cl. 6C07K 14/00 6A61K 38/00 6C07K 7/00 6C12N 5/10 6C12N 15/10 6C12N 15/11 6C12N 15/12 6C12N 15/63**
[25] EN
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT**
[72] MERBERG, DAVID, US
[72] MCCOY, JOHN M., US
[72] COLLINS-RACIE, LISA A., US
[72] EVANS, CHERYL, US
[72] TREACY, MAURICE, US
[72] JACOBS, KENNETH, US
[72] LAVALLIE, EDWARD R., US
[71] GENETICS INSTITUTE, INC., US
[85] 2000-05-18
[86] 1998-11-17 (PCT/US98/24611)
[87] 1999-06-03 (WO99/26967)
[30] US (08/976,111) 1997-11-21

[21] **2,309,719**
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C07H 21/00 6C12N 15/10 6C12N 15/11**
[25] EN
[54] **TARGETED MANIPULATION OF GENES IN PLANTS**
[54] **MANIPULATION CIBLEE SUR DES VEGETAUX DE GENES DE RESISTANCE AUX HERBICIDES**
[72] DUESING, JOHN H., US
[72] TAGLIANI, LAURA A., US
[72] BASZCZYNSKI, CHRISTOPHER L., US
[72] ZHU, TONG, US
[72] BOWEN, BENJAMIN A., US
[72] PETERSON, DAVID J., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2000-05-17
[86] 1998-11-16 (PCT/US98/24484)
[87] 1999-05-27 (WO99/25853)
[30] US (60/065,628) 1997-11-18
[30] US (60/098,235) 1998-08-28

[21] **2,309,723**
[13] A1

[51] **Int.Cl. 6E06B 3/66**
[25] EN
[54] **GLASS PANEL**
[54] **PANNEAU EN VERRE**
[72] KATOH, HIDEMI, JP
[72] MISONOU, MASAO, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[85] 2000-05-10
[86] 1999-09-08 (PCT/JP99/04893)
[87] 2000-03-23 (WO00/15938)
[30] JP (10-260382) 1998-09-14

[21] **2,309,754**
[13] A1

[51] **Int.Cl. 6C12Q 1/02 6C12Q 1/14 6C12Q 1/18 6C12Q 1/68**
[25] EN
[54] **REGULATION OF FUNGAL GENE EXPRESSION**
[54] **REGULATION DE L'EXPRESSION GENIQUE FONGIQUE**
[72] STYLES, CORA ANN, US
[72] LO, HSIU-JUNG, US
[72] MADHANI, HIREN, US
[72] SHERMAN, AMIR, US
[72] ROBERTSON, LAURA, US
[72] HECHT, PETER, US
[72] SUMMERS, ERIC F., US
[72] CALI, BRIAN M., US
[72] ROBERTS, RADCLYFFE, US
[72] FINK, GERALD R., US
[72] RUPP, STEFFAN, US
[71] MICROBIA, INC., US
[85] 2000-05-17
[86] 1998-11-18 (PCT/US98/24646)
[87] 1999-05-27 (WO99/25865)
[30] US (60/066,129) 1997-11-19
[30] US (60/066,308) 1997-11-21
[30] US (60/066,462) 1997-11-24
[30] US (60/078,610) 1998-03-19
[30] US (60/094,523) 1998-07-29

[21] **2,309,755**
[13] A1

[51] **Int.Cl. 6C12N 15/33 6A61K 48/00 6C07K 19/00 6C07K 14/075 6C12N 5/10 6C12N 15/12 6C07K 14/72 6C12N 15/86**
[25] EN
[54] **HORMONE-DEPENDENT FORMS OF THE ADENO-ASSOCIATED VIRUS, REP PROTEINS, DNA SEQUENCES CODING FOR THEM, VECTORS CONTAINING THEM, AND REGULATORY METHODS OF THEIR INTRACELLULAR ACTIVITY**
[54] **FORMES HORMONO-DEPENDANTES DU VIRUS ADENO-ASSOCIE, PROTEINES REP, SEQUENCES D'ADN CODANT POUR CES PROTEINES, VECTEURS LES CONTENANT ET PROCEDES REGULATEURS DE LEUR ACTIVITE INTRACELLULAIRE**
[72] TONIATTI, CARLO, IT
[72] CILIBERTO, GENNARO, IT
[72] RINAUDO, CIRA, IT
[71] ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A., IT
[85] 2000-05-18
[86] 1998-11-20 (PCT/IT98/00329)
[87] 1999-06-03 (WO99/27110)
[30] IT (RM97A000724) 1997-11-21

Demandes PCT entrant en phase nationale

[21] **2,309,756**
[13] A1

[51] **Int.Cl. 6C12N 15/63 6C12N 5/10 6A61K 38/17 6C07K 16/30 6C07K 14/47 6G01N 33/53 6G01N 33/574 6G01N 33/577 6C12Q 1/68**

[25] EN
[54] **REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE BREAST**
[54] **REACTIFS ET PROCEDES UTILES POUR DETECTER LES PATHOLOGIES MAMMAIRES**

[72] COHEN, MAURICE, US
[72] STROUPE, STEPHEN D., US
[72] GORDON, JULIAN, US
[72] ROBERTS-RAPP, LISA, US
[72] RUSSELL, JOHN C., US
[72] FRIEDMAN, PAULA N., US
[72] BILLING-MEDEL, PATRICIA A., US
[72] GRANADOS, EDWARD N., US
[72] KLASS, MICHAEL R., US
[72] KRATOCHVIL, JON D., US
[72] COLPITTS, TRACEY L., US
[72] HODGES, STEVEN C., US
[71] ABBOTT LABORATORIES, US
[85] 2000-05-16
[86] 1998-11-17 (PCT/US98/24562)
[87] 1999-05-27 (WO99/25850)
[30] US (08/971,772) 1997-11-17

[21] **2,309,757**
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 9/02 6C12N 5/10 6C07K 16/16 6C12Q 1/68**

[25] EN
[54] **STRESS RESISTANCE GENE**
[54] **GENE DE RESISTANCE AU STRESS**

[72] TOROK, KAROLYNE, HU
[72] DEAK, MARIA, HU
[72] FEHER, ATILLA, HU
[72] DUDITS, DENES, HU
[72] VASS, IMRE, HU
[72] HIDEG, EVA, HU
[72] OBERSCHALL, ATILLA, HU
[72] SASS, LASZLO, HU
[72] HORVATH, GABOR, HU
[71] BTG INTERNATIONAL LIMITED, GB
[85] 2000-05-16
[86] 1998-11-18 (PCT/GB98/03464)
[87] 1999-05-27 (WO99/25852)
[30] HU (HU 97/02118) 1997-11-18
[30] HU (HU 97/02118) 1998-03-09
[30] HU (HU 97/02118) 1998-04-21

[21] **2,309,758**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6A61K 39/00 6A61K 48/00 6C12N 5/10 6C12N 15/12 6C07K 16/30 6C07K 14/47 6G01N 33/574**

[25] EN
[54] **REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE BREAST**
[54] **REACTIFS ET PROCEDES UTILES POUR DETECTER DES MALADIES DE LA POITRINE**

[72] GORDON, JULIAN, US
[72] ROBERTS-RAPP, LISA, US
[72] COLPITTS, TRACEY L., US
[72] FRIEDMAN, PAULA N., US
[72] RUSSELL, JOHN C., US
[72] STROUPE, STEPHEN D., US
[72] COHEN, MAURICE, US
[72] HODGES, STEVEN C., US
[72] KLASS, MICHAEL R., US
[72] KRATOCHVIL, JON D., US
[72] BILLING-MEDEL, PATRICIA A., US
[72] GRANADOS, EDWARD N., US
[71] ABBOTT LABORATORIES, US
[85] 2000-05-16
[86] 1998-11-18 (PCT/US98/24620)
[87] 1999-05-27 (WO99/25877)
[30] US (08/972,376) 1997-11-18

[21] **2,309,760**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/00 6G01N 30/02 6B01D 15/08 6G01N 21/55 6G01N 21/64**

[25] EN
[54] **MODIFYING DOUBLE STRANDED DNA TO ENHANCE SEPARATIONS BY MATCHED ION POLYNUCLEOTIDE CHROMATOGRAPHY**
[54] **MODIFICATION D'ADN DOUBLE BRIN POUR AMELIORER LES SEPARATIONS PAR CHROMATOGRAPHIE DE POLYNUCLEOTIDES A IONS APPARIES**

[72] GJERDE, DOUGLAS T., US
[72] HAEFELE, ROBERT M., US
[72] TAYLOR, PAUL D., US
[71] TRANSGENOMIC, INC., US
[85] 2000-06-15
[86] 1998-10-09 (PCT/US98/21461)
[87] 1999-04-22 (WO99/19514)
[30] US (60/061,445) 1997-10-09
[30] US (60/063,906) 1997-10-31
[30] US (60/075,720) 1998-02-24
[30] US (60/103,313) 1998-10-06

[21] **2,309,761**
[13] A1

[51] **Int.Cl. 6C12N 5/06 6C07K 16/18 6C07K 14/715**

[25] EN
[54] **TH2 CELL DEPLETION; COMPOSITIONS; METHODS**
[54] **APPAUVRISSEMENT DE LA CELLULE TH2, COMPOSITIONS ET METHODES EN RAPPORT**

[72] NAPOLITANO, MONICA, IT
[72] ZLOTNIK, ALBERT, US
[72] SOTO-TREJO, HORTENSIA, US
[72] HEDRICK, JOSEPH A., US
[71] SCHERING CORPORATION, US
[71] NAPOLITANO, MONICA, IT
[85] 2000-05-11
[86] 1998-11-12 (PCT/US98/23240)
[87] 1999-05-27 (WO99/25734)
[30] US (60/065,392) 1997-11-13

[21] **2,309,762**
[13] A1

[51] **Int.Cl. 7C12N 5/10 7A61K 48/00 7C12N 15/00**

[25] EN
[54] **IMMUNE ACTIVATION BY DOUBLE-STRANDED POLYNUCLEOTIDES**
[54] **ACTIVATION DE SYSTEME IMMUNITAIRE AU MOYEN DE POLYNUCLEOTIDES BICATENAIRE**

[72] RICE, JOHN M., US
[72] KOHN, LEONARD D., US
[72] SUZUKI, KOICHI, US
[72] IISHI, KEN, US
[72] KLINMAN, DENNIS M., US
[72] MORI, ATSUMI, US
[71] RICE, JOHN M., US
[71] KOHN, LEONARD D., US
[71] SUZUKI, KOICHI, US
[71] IISHI, KEN, US
[71] KLINMAN, DENNIS M., US
[71] MORI, ATSUMI, US
[85] 2000-05-11
[86] 1999-09-10 (PCT/US99/20782)
[87] 2000-03-23 (WO00/15768)
[30] US (09/151,612) 1998-09-11

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| <p style="text-align: center;">[21] 2,309,763 [13] A1</p> <p>[51] Int.Cl. 6C07K 19/00 6C12N 9/00 6G01N 33/53</p> <p>[25] EN</p> <p>[54] VARIABLE REGION FUSION PEPTIDES THAT FORM EFFECTOR COMPLEXES IN THE PRESENCE OF ANTIGEN</p> <p>[54] PEPTIDES DE FUSION DE REGION VARIABLE QUI FORMENT DES COMPLEXES EFFECTEURS EN PRESENCE D'ANTIGENES</p> <p>[72] MAHONEY, WALT, US</p> <p>[72] WINTER, GREG, US</p> <p>[71] ROCHE DIAGNOSTICS CORPORATION, US</p> <p>[85] 2000-05-12</p> <p>[86] 1998-09-24 (PCT/US98/20017)</p> <p>[87] 1999-05-27 (WO99/25739)</p> <p>[30] US (60/065,719) 1997-11-14</p> | <p style="text-align: center;">[21] 2,309,765 [13] A1</p> <p>[51] Int.Cl. 6A61K 39/00 6C12N 15/86</p> <p>[25] EN</p> <p>[54] VENEZUELAN EQUINE ENCEPHALITIS VIRUS VECTORS EXPRESSING TUMOR-ASSOCIATED ANTIGENS TO INDUCE CANCER IMMUNITY</p> <p>[54] VECTEURS VIRAUX DE L'ENCEPHALITE EQUINE VENEZUELIENNE EXPRIMANT DES ANTIGENES ASSOCIES AUX TUMEURS, SUSCITANT UNE IMMUNITE CONTRE LE CANCER</p> <p>[72] HIPPENMEYER, PAUL J., US</p> <p>[71] G.D. SEARLE & CO., US</p> <p>[85] 2000-05-18</p> <p>[86] 1998-12-14 (PCT/US98/25725)</p> <p>[87] 1999-06-24 (WO99/30734)</p> <p>[30] US (60/068,080) 1997-12-18</p> | <p style="text-align: center;">[21] 2,309,781 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/67 6C12N 9/00 6C12N 9/10 6C12N 1/21 6C12N 15/31 6C12N 15/52 6C12N 15/75 6C12N 9/80</p> <p>[25] EN</p> <p>[54] GRAM-POSITIVE MICROORGANISM FORMATE TRANSPORTERS</p> <p>[54] CHEMIN DU FORMIATE DANS DES MICRO-ORGANISMES GRAM-POSITIFS</p> <p>[72] DIAZ-TORRES, MARIA, US</p> <p>[72] MILLER, BRIAN, US</p> <p>[71] GENENCOR INTERNATIONAL, INC., US</p> <p>[85] 2000-05-17</p> <p>[86] 1998-11-19 (PCT/US98/24873)</p> <p>[87] 1999-06-03 (WO99/27107)</p> <p>[30] GB (9724627.6) 1997-11-20</p> |
| <p style="text-align: center;">[21] 2,309,764 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/55 6D21C 5/00 6D06M 16/00 6A23L 1/03 6C12N 9/42 6C12Q 1/68 6C12N 15/85</p> <p>[25] EN</p> <p>[54] CELLULASE PRODUCED BY ACTINOMYCETES AND METHOD FOR PRODUCING SAME</p> <p>[54] CELLULASE PRODUITE A PARTIR D'ACTINOMYCETES ET PROCEDE DE PRODUCTION ASSOCIE</p> <p>[72] VAN SOLLINGEN, PIETER, NL</p> <p>[72] VAN DER KLEIJ, WILHELMUS A.H., NL</p> <p>[72] JONES, BRIAN E., NL</p> <p>[72] WEYLER, WALTER, US</p> <p>[71] GENENCOR INTERNATIONAL, INC., US</p> <p>[85] 2000-05-17</p> <p>[86] 1998-11-18 (PCT/US98/24649)</p> <p>[87] 1999-05-27 (WO99/25846)</p> <p>[30] US (08/974,042) 1997-11-19</p> <p>[30] US (08/974,041) 1997-11-19</p> <p>[30] US (09/104,308) 1998-06-24</p> | <p style="text-align: center;">[21] 2,309,766 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/21 6A61K 48/00 6C12N 15/20 6C12N 15/24 6C12N 15/26</p> <p>[25] EN</p> <p>[54] TREATMENT OF CANCER USING CYTOKINE-EXPRESSING POLYNUCLEOTIDES AND COMPOSITIONS THEREFOR</p> <p>[54] TRAITEMENT DU CANCER AU MOYEN DE POLYNUCLEOTIDES EXPRIMANT LA CYTOKINE ET COMPOSITIONS PREVUES A CET EFFET</p> <p>[72] FELGNER, PHILIP, US</p> <p>[72] HORTON, HOLLY, US</p> <p>[72] PARKER, SUEZANNE, US</p> <p>[72] MANTHORPE, MARSTON, US</p> <p>[71] VICAL INCORPORATED, US</p> <p>[85] 2000-05-18</p> <p>[86] 1998-11-20 (PCT/US98/24830)</p> <p>[87] 1999-06-03 (WO99/26663)</p> <p>[30] US (60/067,087) 1997-11-20</p> <p>[30] US (60/079,914) 1998-03-30</p> <p>[30] US (60/100,820) 1998-09-15</p> | <p style="text-align: center;">[21] 2,309,782 [13] A1</p> <p>[51] Int.Cl. 6C07K 14/47 6A61K 38/00 6C07K 7/00 6C07K 14/00 6C12N 5/10 6C12N 15/10 6C12N 15/11 6C12N 15/12 6C12N 15/63</p> <p>[25] EN</p> <p>[54] SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM</p> <p>[54] PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT</p> <p>[72] EVANS, CHERYL, US</p> <p>[72] LAVALLIE, EDWARD R., US</p> <p>[72] COLLINS-RACIE, LISA A., US</p> <p>[72] MCCOY, JOHN M., US</p> <p>[72] SPAULDING, VIKKI, US</p> <p>[72] JACOBS, KENNETH, US</p> <p>[72] TREACY, MAURICE, US</p> <p>[72] MERBERG, DAVID, US</p> <p>[71] GENETICS INSTITUTE, INC., US</p> <p>[85] 2000-05-18</p> <p>[86] 1998-11-20 (PCT/US98/24944)</p> <p>[87] 1999-06-03 (WO99/26973)</p> <p>[30] US (08/976,112) 1997-11-21</p> <p>[30] US (09/196,027) 1998-11-19</p> |

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[51] **Int.Cl. 6C12N 15/12 6C07K 16/22 6C07K 14/50 6C12N 15/62**
[25] EN
[54] **FIBROBLAST GROWTH FACTOR-19**
[54] **FACTEUR DE CROISSANCE DES FIBROBLASTES 19**
[72] ROY, MARGARET ANN, US
[72] GURNEY, AUSTIN L., US
[72] LAWRENCE, DAVID A., US
[72] GODDARD, AUDREY, US
[72] HILLAN, KENNETH J., US
[72] BOTSTEIN, DAVID, US
[71] GENENTECH, INC., US
[85] 2000-05-15
[86] 1998-11-25 (PCT/US98/25190)
[87] 1999-06-03 (WO99/27100)
[30] US (60/066,840) 1997-11-25
[30] US (09/158,342) 1998-09-21

[21] **2,309,790**
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[51] **Int.Cl. 6A61K 39/02 6C07H 21/04 6C12P 21/04 6C12P 21/06**
[25] EN
[54] **BACTERIAL VACCINES COMPRISING AUXOTROPHIC, ATTENUATED STRAINS OF LISTERIA EXPRESSING HETEROLOGOUS ANTIGENS**
[54] **VACCINS BACTERIENS CONTENANT DES SOUCHES AUXOTROPHES ATTENUÉES DE LISTERIA EXPRIMANT DES ANTIGÈNES HÉTÉROLOGUES**
[72] FRANKEL, FRED R., US
[72] PORTNOY, DANIEL A., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2000-05-18
[86] 1998-11-13 (PCT/US98/24357)
[87] 1999-05-27 (WO99/25376)
[30] US (08/972,902) 1997-11-18

[21] **2,309,791**
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 9/02 6C12N 5/10 6C12Q 1/68**
[25] EN
[54] **PLANT FATTY ACID HYDROXYLASE GENES**
[54] **GENES D'HYDROXYLASE D'ACIDE GRAS PROVENANT DE VEGETAUX**
[72] BATARD, YANNICK, FR
[72] SALAUN, JEAN-PIERRE, FR
[72] TIJET, NATHALIE, FR
[72] HELVIG, CHRISTIAN, FR
[72] PINOT, FRANCK, FR
[72] BENVENISTE, IRENE, FR
[72] LE BOUQUIN, RENAUD, FR
[72] WERCK-REICHHART, DANIELE, FR
[72] CABELLO-HUARTADO, FRANCISCO, ES
[72] DURST, FRANCIS, FR
[71] THE CENTRE NATIONAL DE RECHERCHE SCIENTIFIQUE, FR
[85] 2000-05-17
[86] 1998-10-06 (PCT/IB98/01716)
[87] 1999-04-15 (WO99/18224)
[30] US (60/060,960) 1997-10-06

[21] **2,309,806**
[13] A1

[51] **Int.Cl. 6C07K 14/435 6A61K 38/18**
[25] EN
[54] **HYDROPHOBICALLY-MODIFIED PROTEIN COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS A BASE DE PROTEINES MODIFIÉES SUR LE PLAN HYDROPHOBE ET PROCÉDES D'ÉLABORATION**
[72] PEPINSKY, R., BLAKE, US
[72] BAKER, DARREN P., US
[72] GALDES, ALPHONSE, US
[72] TAYLOR, FREDERICK R., US
[72] WEN, DINGYI, US
[72] PORTER, JEFFREY, US
[72] GARBER, ELLEN A., US
[72] WILLIAMS, KEVIN P., US
[71] ONTOGENY, INC., US
[71] BIOGEN, INC., US
[85] 2000-05-18
[86] 1998-12-03 (PCT/US98/25676)
[87] 1999-06-10 (WO99/28343)
[30] US (60/067,423) 1997-12-03
[30] US (60/078,935) 1998-03-20
[30] US (60/089,685) 1998-06-17
[30] US (60/099,800) 1998-09-10

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[51] **Int.Cl. 6C12N 15/85 6A61K 49/00 6A01K 67/027 6C12N 5/10 6C07K 14/54**
[25] EN
[54] **TRANSGENIC MODELS OF INFLAMMATORY DISEASE**
[54] **MODELES TRANSGENIQUES DE MALADIES INFLAMMATOIRES**
[72] DUFF, GORDON W., GB
[72] NICKLIN, MARTIN, GB
[71] MEDICAL SCIENCE SYSTEMS, INC., US
[85] 2000-05-11
[86] 1998-11-13 (PCT/US98/24287)
[87] 1999-05-27 (WO99/25857)
[30] GB (9723835.6) 1997-11-13

[21] **2,309,808**
[13] A1

[51] **Int.Cl. 6C12N 15/54 6A01H 5/00 6C12N 15/82**
[25] EN
[54] **A PATHOGEN AND STRESS-RESPONSIVE PROMOTER FOR GENE EXPRESSION**
[54] **PROMOTEUR DE L'EXPRESSION GENIQUE SENSIBLE AU STRESS ET AUX PATHOGENES**
[72] WU, GUSUI, US
[72] HOLSTEN, THOMAS E., US
[71] CALGENE LLC, US
[85] 2000-05-18
[86] 1998-11-23 (PCT/US98/25257)
[87] 1999-06-03 (WO99/27114)
[30] US (08/976,122) 1997-11-21

[21] **2,309,809**
[13] A1

[51] **Int.Cl. 6C12N 15/21 6C12N 15/00 6A23L 1/015 6A01K 67/027 6C12N 5/10 6A61K 38/17 6A61K 31/19 6C12N 1/21 6A61K 31/35 6A61K 31/40 6C07K 14/435 6A61K 31/66 6G01N 33/68**
[25] EN
[54] **HISTAMINE AND SEROTONIN BINDING MOLECULES**
[54] **MOLECULES DE FIXATION DE L'HYSTAMINE ET DE LA SEROTONINE**
[72] NUTTALL, PATRICIA ANN, GB
[72] PAESEN, GUIDO CHRISTIAN, GB
[71] OXFORD VACS LTD., GB
[85] 2000-05-18
[86] 1998-11-26 (PCT/GB98/03530)
[87] 1999-06-03 (WO99/27104)
[30] GB (9725046.8) 1997-11-26
[30] GB (9813917.3) 1998-06-26

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| <p style="text-align: right;">[21] 2,309,810 [13] A1</p> <p>[51] Int.Cl. 6C07K 14/505 6C12N 5/06 6C12N 5/08 6C12N 5/10 6C12N 15/16 6A61K 38/18 6C12N 15/85</p> <p>[25] EN</p> <p>[54] ERYTHROPOIETIN WITH HIGH SPECIFIC ACTIVITY</p> <p>[54] ERYTHROPOIETINE A ACTIVITE SPECIFIQUE MARQUEE</p> <p>[72] SELLINGER, KARL-HEINZ, DE</p> <p>[72] KOLL, HANS, DE</p> <p>[72] HASELBECK, ANTON, DE</p> <p>[72] BURG, JOSEF, DE</p> <p>[71] ROCHE DIAGNOSTICS GMBH, DE</p> <p>[85] 2000-05-18</p> <p>[86] 1998-12-03 (PCT/EP98/07876)</p> <p>[87] 1999-06-10 (WO99/28346)</p> <p>[30] DE (197 53 681.6) 1997-12-03</p> <p>[30] EP (98113415.8) 1998-07-17</p> | <p style="text-align: right;">[21] 2,309,835 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/86</p> <p>[25] EN</p> <p>[54] ALPHAVIRUS VECTORS</p> <p>[54] VECTEURS D'ALPHAVIRUS</p> <p>[72] PARRINGTON, MARK, CA</p> <p>[72] KLEIN, MICHEL H., CA</p> <p>[71] CONNAUGHT LABORATORIES LIMITED, CA</p> <p>[85] 2000-05-11</p> <p>[86] 1998-11-13 (PCT/CA98/01065)</p> <p>[87] 1999-05-27 (WO99/25859)</p> <p>[30] US (60/065,793) 1997-11-14</p> | <p style="text-align: right;">[21] 2,309,838 [13] A1</p> <p>[51] Int.Cl. 6G01N 33/53 6G01N 33/543</p> <p>[25] EN</p> <p>[54] HAPTOGLOBIN ASSAY</p> <p>[54] DOSAGE D'HAPTOGLOBINE</p> <p>[72] ECKERSALL, PETER DAVID, GB</p> <p>[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, GB</p> <p>[85] 2000-05-11</p> <p>[86] 1998-11-12 (PCT/GB98/03407)</p> <p>[87] 1999-05-20 (WO99/24833)</p> <p>[30] GB (9723773.9) 1997-11-12</p> |
| <p style="text-align: right;">[21] 2,309,825 [13] A1</p> <p>[51] Int.Cl. 7A61B 17/32</p> <p>[25] EN</p> <p>[54] LIFTING RIB RETRACTOR</p> <p>[54] ECARTEUR DE COTES AVEC MOYEN DE SOULEVEMENT</p> <p>[72] LOONEY, CHRISTOPHER SEAN, US</p> <p>[72] EVANS, DOUGLAS G., US</p> <p>[71] GENZYME CORPORATION, US</p> <p>[85] 2000-05-11</p> <p>[86] 1998-11-12 (PCT/US98/24136)</p> <p>[87] 1999-05-20 (WO99/23935)</p> <p>[30] US (08/968,949) 1997-11-12</p> | <p style="text-align: right;">[21] 2,309,836 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/48 6A61K 38/13 6A61K 9/20 6A61K 9/28 6A61K 47/34 6A61K 31/44 6A61K 31/55</p> <p>[25] EN</p> <p>[54] DRUG DELIVERY SYSTEMS UTILIZING LIQUID CRYSTAL STRUCTURES</p> <p>[54] SYSTEMES D'ADMINISTRATION DE MEDICAMENTS METTANT EN APPLICATION DES STRUCTURES DE CRISTAUX LIQUIDES</p> <p>[72] MYERS, GARRY L., US</p> <p>[71] FUISZ TECHNOLOGIES LTD., US</p> <p>[85] 2000-05-11</p> <p>[86] 1998-11-03 (PCT/US98/23359)</p> <p>[87] 1999-06-03 (WO99/26607)</p> <p>[30] US (08/975,827) 1997-11-21</p> | <p style="text-align: right;">[21] 2,309,879 [13] A1</p> <p>[51] Int.Cl. 6G01N 33/53 6G01N 33/566</p> <p>[25] EN</p> <p>[54] NUCLEAR HORMONE RECEPTOR DRUG SCREENS</p> <p>[54] CRIBLES POUR MEDICAMENTS RECEPTEURS DE L'HORMONE NUCLEAIRE</p> <p>[72] BECKMANN, HOLGER, US</p> <p>[72] SHAN, BEI, US</p> <p>[72] CHEN, JIN-LONG, US</p> <p>[72] BAEUERLE, PATRICK, US</p> <p>[72] LUSTIG, KEVIN, US</p> <p>[71] TULARIK INC., US</p> <p>[85] 2000-05-02</p> <p>[86] 1998-11-20 (PCT/US98/24969)</p> <p>[87] 1999-06-03 (WO99/27365)</p> <p>[30] US (08/975,614) 1997-11-21</p> <p>[30] US (09/163,713) 1998-09-30</p> |
| <p style="text-align: right;">[21] 2,309,826 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/86 6C07K 14/115 6C07K 14/135 6C12N 15/45 6A61K 31/70</p> <p>[25] EN</p> <p>[54] ALPHAVIRUS VECTORS FOR PARAMYXOVIRUS VACCINES</p> <p>[54] VECTEURS D'ALPHAVIRUS POUR LES VACCINS DE PARAMYXOVIRUS</p> <p>[72] LI, XIAOMAO, CA</p> <p>[72] PARRINGTON, MARK, CA</p> <p>[72] KLEIN, MICHEL H., CA</p> <p>[71] CONNAUGHT LABORATORIES LIMITED, CA</p> <p>[85] 2000-05-11</p> <p>[86] 1998-11-13 (PCT/CA98/01064)</p> <p>[87] 1999-05-27 (WO99/25858)</p> <p>[30] US (60/065,791) 1997-11-14</p> | <p style="text-align: right;">[21] 2,309,837 [13] A1</p> <p>[51] Int.Cl. 6F16B 12/00</p> <p>[25] EN</p> <p>[54] ADJUSTABLE SHELVING APPARATUS</p> <p>[54] DISPOSITIF DE RAYONNAGE REGLABLE</p> <p>[72] COWARD, W. GREGORY, US</p> <p>[72] MERZ, GREGORY J., US</p> <p>[72] MOORE, STEPHEN BENNETT, US</p> <p>[72] ABEREGG, DALE, US</p> <p>[72] GROVES, MARK W., US</p> <p>[72] WEST, ROBERT A., US</p> <p>[72] LINSTEDT, BRIAN K., US</p> <p>[71] WESTERLUND PRODUCTS CORPORATION, US</p> <p>[85] 2000-05-11</p> <p>[86] 1999-02-02 (PCT/US99/02179)</p> <p>[87] 1999-08-05 (WO99/38414)</p> <p>[30] US (09/017,445) 1998-02-02</p> <p>[30] US (09/017,371) 1998-02-02</p> | <p style="text-align: right;">[21] 2,309,880 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/53 6A01H 5/00 6C12N 5/10 6C12N 15/82</p> <p>[25] FR</p> <p>[54] GENE CHIMERE AYANT UN PROMOTEUR LUMIERE DEPENDANT CONFERANT LA TOLERANCE AUX INHIBITEURS DE L'HPPD</p> <p>[54] CHIMERA GENE HAVING A LIGHT DEPENDENT PROMOTER PROVIDING TOLERANCE TO HPPD INHIBITORS</p> <p>[72] REYGNIER, LUC, FR</p> <p>[72] SAILLAND, ALAIN, FR</p> <p>[71] AVENTIS CROPSCIENCE S.A., FR</p> <p>[85] 2000-05-12</p> <p>[86] 1998-11-13 (PCT/FR98/02414)</p> <p>[87] 1999-05-27 (WO99/25842)</p> <p>[30] FR (97/14591) 1997-11-17</p> |

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[21] **2,309,882**
[13] A1

[51] **Int.Cl. 6C07D 215/56 6C07D 221/00 6C07D 231/00 6C07D 277/00 6C07D 401/04 6C07D 409/04 6C07D 413/04 6C07D 417/04 6C07D 487/04 6C07D 513/04 6C07D 401/06 6C07F 7/10 6C07D 401/12 6C07D 405/12 6C07D 409/12 6C07D 417/12 6C07D 221/16 6A61K 31/47 6C07F 9/60**

[25] EN
[54] **4-HYDROXYQUINOLINE-3-CARBOXAMIDES AND HYDRAZIDES AS ANTIVIRAL AGENTS**
[54] **4-HYDROXYQUINOLINE-3-CARBOXAMIDES ET HYDRAZIDES UTILISES COMME AGENTS ANTIVIRAUX**

[72] SCHNUTE, MARK E., US
[72] ROMINES, KAREN RENE, US
[72] THAISRIVONGS, SUVIT, US
[72] CUDAHY, MICHELE M., US
[72] TURNER, STEVEN RONALD, US
[72] VAILLANCOURT, VALERIE A., US
[72] STROHBACH, JOSEPH WALTER, US
[72] TUCKER, JOHN ALAN, US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2000-05-16
[86] 1998-12-01 (PCT/US98/25192)
[87] 1999-07-01 (WO99/32450)
[30] US (60/068,460) 1997-12-22
[30] US (60/076,717) 1998-03-04

[21] **2,309,884**
[13] A1

[51] **Int.Cl. 6A01N 63/00 6C12N 1/20**

[25] EN
[54] **BIOCONTROL AGENTS FOR CONTROL OF ROOT DISEASES**
[54] **AGENTS DE LUTTE BIOLOGIQUE DESTINES A AGIR SUR LES MALADIES DES RACINES**

[72] HUANG, ZHENGYU, US
[72] COOK, R. JAMES, US
[72] WELLER, DAVID M., US
[72] MAVRODI, DMITRI V., US
[72] RAAIJMAKERS, JOS M., US
[72] THOMASHOW, LINDA S., US
[71] WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICUL, US
[85] 2000-05-16
[86] 1998-11-20 (PCT/US98/24883)
[87] 1999-06-03 (WO99/26479)
[30] US (08/974,938) 1997-11-20
[30] US (08/994,035) 1997-12-18

[21] **2,309,885**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 39/35 6C07K 14/435 6C12N 15/57**

[25] EN
[54] **RECOMBINANT ALLERGEN WITH REDUCED ENZYMATIC ACTIVITY**
[54] **ALLERGENE DE RECOMBINAISON A ACTIVITE ENZYMATIQUE REDUITE**

[72] MASSAER, MARC, BE
[72] JACOBS, PAUL, BE
[72] BOLLEN, ALEX, BE
[72] BRUCK, CLAUDINE, BE
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE
[85] 2000-05-17
[86] 1998-11-16 (PCT/EP98/07521)
[87] 1999-05-27 (WO99/25823)
[30] GB (9724531.0) 1997-11-19

[21] **2,309,886**
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[51] **Int.Cl. 6C12N 15/55 6D21C 5/00 6D06M 16/00 6A23L 1/03 6C11D 3/386 6C12N 9/42 6C12Q 1/68 6C12N 15/85**

[25] EN
[54] **CELLULASE PRODUCED BY ACTINOMYCETES AND METHOD OF PRODUCING SAME**
[54] **ACTINOMYCETES PRODUISANT UNE NOUVELLE CELLULASE ET PROCEDE DE PRODUCTION ASSOCIE**

[72] VAN DER KLEIJ, WILHELMUS A. H., NL
[72] VAN SOLINGEN, PIETER, NL
[72] JONES, BRIAN E., NL
[72] WEYLER, WALTER, US
[71] GENENCOR INTERNATIONAL, INC., US
[85] 2000-05-17
[86] 1998-11-18 (PCT/US98/24650)
[87] 1999-05-27 (WO99/25847)
[30] US (08/974,042) 1997-11-19
[30] US (08/974,041) 1997-11-19
[30] US (09/102,204) 1998-06-22

[21] **2,309,897**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 16/28 6G01N 33/566 6C12Q 1/68 6C07K 14/705 6C07K 14/715**

[25] EN
[54] **A NOVEL EGF MOTIF PROTEIN OBTAINED FROM A CDNA LIBRARY OF FETAL LIVER-SPLEEN**
[54] **NOUVELLE PROTEINE A MOTIFS STRUCTURAUX DU FACTEUR DE CROISSANCE EPIDERMIQUE OBTENUE DANS UNE GENOTHEQUE D'ADNC DE FOIE ET DE RATE FOETAUX**

[72] LESHKOWITZ, DENA, US
[72] LABAT, IVAN, US
[72] KITA, DAVID, US
[72] FORD, JOHN, US
[72] DRMANAC, RADOJE T., US
[72] DRMANAC, SNEZANA, US
[72] CRKVENJAKOV, RADOMIR, US
[72] DICKSON, MARK, US
[71] HYSEQ, INC., US
[85] 2000-05-19
[86] 1998-11-23 (PCT/US98/24524)
[87] 1999-06-03 (WO99/27096)
[30] US (08/968,800) 1997-11-22

[21] **2,309,900**
[13] A1

[51] **Int.Cl. 6B22D 21/00 6B22C 3/00 6B22D 17/00 6B22D 29/00 6B22D 17/02 6B22D 17/08 6B22C 9/10**

[25] EN
[54] **MAKING PRECISION CASTINGS USING THIXOTROPIC MATERIALS**
[54] **FABRICATION DE MOULAGES DE PRECISION A L'AIDE DE MATIERES THIXOTROPES**

[72] BUCKLEY, JAMES, US
[71] CHIPLESS METALS LLC, US
[85] 2000-04-03
[86] 1998-10-19 (PCT/US98/22048)
[87] 1999-04-29 (WO99/20417)
[30] US (60/062,582) 1997-10-20

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[21] **2,309,901**
[13] A1

[51] **Int.Cl. 6H01F 36/00 6H01F 6/04 6H02K 3/40**

[25] EN
[54] **A POWER TRANSFORMER AND TRANSFORMATEUR D'ALIMENTATION**

[72] SASSE, CHRISTIAN, SE
[72] LEIJON, MATS, SE
[71] ABB AB, SE
[85] 2000-05-15
[86] 1998-11-30 (PCT/EP98/07736)
[87] 1999-06-10 (WO99/28929)
[30] GB (9725312.4) 1997-11-28

[21] **2,309,902**
[13] A1

[51] **Int.Cl. 6G07C 11/00 6G07C 9/00 6G06F 17/60**

[25] EN
[54] **SUBSCRIBER REGISTRATION AND ACCESS CONTROL SYSTEM AND RELATED METHODS**

[54] **SYSTEME D'ENREGISTREMENT ET DE CONTROLE D'ACCES D'ABONNE ET TECHNIQUES AFFERENTES**

[72] MORO, PAOLO, GB
[71] MORO, PAOLO, GB
[85] 2000-05-15
[86] 1998-11-12 (PCT/IB98/02001)
[87] 1999-05-27 (WO99/26203)
[30] US (08/972,909) 1997-11-18

[21] **2,309,903**
[13] A1

[51] **Int.Cl. 6C07K 14/435 6C12N 15/12 6A61K 38/17 6C12N 15/63 6C12N 15/70 6C07K 14/705 6C12N 15/74 6C12N 15/79 6C12N 15/81**

[25] EN
[54] **NUCLEIC ACID SEQUENCES ENCODING CAPSAICIN RECEPTORS [54] SEQUENCES NUCLEOTIDIQUES CODANT LE RECEPTEUR DE LA CAPSAICINE**

[72] CATERINA, MICHAEL, US
[72] JULIUS, DAVID J., US
[72] BRAKE, ANTHONY J., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2000-05-23
[86] 1999-01-22 (PCT/US99/01418)
[87] 1999-07-29 (WO99/37675)
[30] US (60/072,151) 1998-01-22

[21] **2,309,904**
[13] A1

[51] **Int.Cl. 6C12N 15/89 6A61K 48/00 6A01K 67/027 6C12N 5/06 6C12N 15/86**

[25] EN
[54] **TRANSFECTION AND TRANSFER OF MALE GERM CELLS FOR GENERATION OF TRANSGENIC SPECIES**

[54] **TRANSFECTION ET TRANSFERT DE CELLULES GERMINALES MALES POUR PRODUIRE DES ESPECES TRANSGENIQUES**

[72] READHEAD, CAROL W., US
[72] WINSTON, ROBERT, GB
[72] HOVATTA, OUTI, FI
[71] IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE, GB
[71] CEDARS-SINAI MEDICAL CENTER, US

[85] 2000-05-12
[86] 1998-11-13 (PCT/US98/24238)
[87] 1999-05-27 (WO99/25863)
[30] US (60/065,825) 1997-11-14

[21] **2,309,905**
[13] A1

[51] **Int.Cl. 6C07D 401/12 6C07D 217/06 6A61K 31/47**

[25] EN
[54] **ISOQUINOLINE DERIVATIVES AND THEIR THERAPEUTICAL USE [54] DERIVES D'ISOQUINOLINE ET LEUR UTILISATION THERAPEUTIQUE**

[72] COULTON, STEVEN, GB
[72] THOMPSON, MERVYN, GB
[72] PORTER, RODERICK ALAN, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2000-05-12
[86] 1998-11-16 (PCT/EP98/07520)
[87] 1999-05-27 (WO99/25709)
[30] GB (9724372.9) 1997-11-18

[21] **2,309,906**
[13] A1

[51] **Int.Cl. 6G09G 3/36**

[25] EN
[54] **SYSTEM AND METHOD FOR DATA PLANARIZATION**

[54] **SYSTEME ET PROCEDE DE PLANARISATION DE DONNEES**

[72] WEATHERFORD, WILLIAM THOMAS, US
[72] CHOW, WING HONG, US
[72] WORLEY, W. SPENCER III, US
[71] AURORA SYSTEMS, INC., US
[85] 2000-05-12
[86] 1998-11-13 (PCT/US98/24215)
[87] 1999-05-27 (WO99/26225)
[30] US (08/970,307) 1997-11-14

[21] **2,309,907**
[13] A1

[51] **Int.Cl. 6C12N 5/08 6A61K 35/55**

[25] EN
[54] **METHOD FOR INDUCING OSTEOBLAST DIFFERENTIATION OF HUMAN EXTRAMEDULLARY ADIPOSE TISSUE CELLS**

[54] **PROCEDE POUR INDUIRE LA DIFFERENCIATION OSTEOBLASTIQUE DE CELLULES DE TISSU ADIPEUX EXTRAMEDULLAIRE HUMAIN**

[72] OUHAYOUN, JEAN-PIERRE, FR
[72] LECOEUR, ALAIN FRANCIS, FR
[72] PATAT, JEAN-LOUIS, FR
[72] DARONDEL, JEAN, FR
[71] BIOCORAL INC., US
[85] 2000-05-12
[86] 1998-11-16 (PCT/FR98/02438)
[87] 1999-05-27 (WO99/25813)
[30] FR (97/14328) 1997-11-14

[21] **2,309,908**
[13] A1

[51] **Int.Cl. 6A61F 13/72**

[25] EN
[54] **GARMENT FOR USE WITH AN ABSORBENT ARTICLE**

[54] **VETEMENT UTILISE AVEC UN ARTICLE ABSORBANT**

[72] SCHMITT, ACHIM, DE
[72] WILLMS, ERIC JOACHIM, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-12
[86] 1997-11-13 (PCT/US97/20576)
[87] 1999-05-27 (WO99/25299)

Demandes PCT entrant en phase nationale

[21] **2,309,909**
[13] A1

[51] **Int.Cl. 7B29C 45/50**
[25] EN
[54] **MOTOR-DRIVEN INJECTION DRIVE DEVICE FOR INJECTION MOLDING MACHINE**
[54] **DISPOSITIF D'ENTRAINEMENT PAR MOTEUR POUR UNE MACHINE DE MOULAGE PAR INJECTION**
[72] MIZUNO, TAKASHI, JP
[72] MURASE, JUNJI, JP
[72] ISHIWADA, TAKESHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2000-05-12
[86] 1999-10-05 (PCT/JP99/05468)
[87] 2000-04-13 (WO00/20187)
[30] JP (283665/1998) 1998-10-06

[21] **2,309,911**
[13] A1

[51] **Int.Cl. 6G09G 3/36**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING PEAK CURRENT AND BANDWIDTH REQUIREMENTS IN A DISPLAY DRIVER CIRCUIT**
[54] **SYSTEME ET PROCEDE DE REDUCTION DE LA DEMANDE DE POINTES DE COURANT ET DE LARGEUR DE BANDE DANS UN CIRCUIT DE COMMANDE D'AFFICHAGE**
[72] PINKHAM, RAYMOND, US
[72] CAMPBELL, JOHN GRAY, US
[72] WORLEY, W. SPENCER III, US
[72] HUDSON, EDWIN LYLE, US
[71] AURORA SYSTEMS, INC., US
[85] 2000-05-12
[86] 1998-11-13 (PCT/US98/24216)
[87] 1999-05-27 (WO99/26226)
[30] US (08/970,665) 1997-11-14

[21] **2,309,912**
[13] A1

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **ABSORBENT ARTICLES WITH MEANS FOR ACHIEVING OR MAINTAINING CONVEXO-CONCAVE BUNCHING**
[54] **ARTICLE ABSORBANT COMPORTANT DES MOYENS PERMETTANT DE DONNER OU MAINTENIR UNE CONFIGURATION CONVEXE-CONCAVE**
[72] WILLMS, ERIC JOACHIM, DE
[72] MICCIO, SILVIO, DE
[72] WOSCHNIK, THOMAS, DE
[72] THURNAY, EVA SUSANNE, DE
[72] SCHMITT, ACHIM, DE
[72] BLANCO, AUGUSTIN RAMOS, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-12
[86] 1997-11-13 (PCT/US97/20792)
[87] 1999-05-27 (WO99/25284)

[21] **2,309,913**
[13] A1

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **HIGHLY EFFICIENT ABSORBENT ARTICLE FOR USE WITH MENSTRUAL PANT**
[54] **ARTICLE ABSORBANT TRES EFFICACE, UTILE AVEC UNE CULOTTE HYGIENIQUE**
[72] ALVIS, CYNTHIA LEE, US
[72] REDWINE, NONA JANE, US
[72] FARRIS, DIANE DUNN, US
[72] NOEL, JOHN RICHARD, US
[72] OSBORN, THOMAS WARD III, US
[72] AHR, NICHOLAS ALBERT, US
[72] HINES, LETHA MARGIE, US
[72] SCHMITZ, DEBORAH CATHERINE, US
[72] McFALL, RONALD RAY, US
[72] CARSTENS, JERRY EDWARD, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-12
[86] 1998-11-09 (PCT/US98/23861)
[87] 1999-05-13 (WO99/25290)
[30] US (60/065,294) 1997-11-13

[21] **2,309,914**
[13] A1

[51] **Int.Cl. 6C10M 105/34 6C10M 107/30**
[25] EN
[54] **BIODEGRADABLE OLEIC ESTOLIDE ESTER BASE STOCKS AND LUBRICANTS**
[54] **UTILISATION D'ESTERS D'ESTOLIDES DERIVES D'ACIDES OLEIQUES COMME HUILES DE BASE ET LUBRIFIANTS**
[72] ASADAUSKAS, SVAJUS, US
[72] LOHR, JOSEPH E., JR., US
[72] ISBELL, TERRY A., US
[72] ABBOTT, THOMAS P., US
[71] LAMBENT TECHNOLOGIES, INC., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICUL, US
[85] 2000-05-12
[86] 1998-11-16 (PCT/US98/24469)
[87] 1999-05-27 (WO99/25794)
[30] US (60/065,726) 1997-11-14
[30] US (09/191,907) 1998-11-13

[21] **2,309,915**
[13] A1

[51] **Int.Cl. 6B65D 85/10 6B65D 75/58**
[25] EN
[54] **PACKAGING OF SMOKING ARTICLES**
[54] **EMBALLAGE D'ARTICLES A FUMER**
[72] PARKER, MICHAEL PATRICK, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2000-05-12
[86] 1998-12-02 (PCT/GB98/03590)
[87] 1999-06-10 (WO99/28212)
[30] GB (9725768.7) 1997-12-04

[21] **2,309,916**
[13] A1

[51] **Int.Cl. 6A61B 8/00 6A61B 10/00 6G01N 29/08**
[25] EN
[54] **ULTRASONIC SYSTEM FOR GRADING MEAT**
[54] **SYSTEME PAR ULTRASONS DE CLASSEMENT DE LA VIANDE**
[72] KISHONI, DORON, US
[72] MAHRER, KENNETH DAVID, US
[72] BOND, LEONARD J., US
[71] COLORADO SEMINARY, US
[85] 2000-05-12
[86] 1998-11-10 (PCT/US98/23941)
[87] 1999-05-27 (WO99/25249)
[30] US (60/065,820) 1997-11-14

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[21] **2,309,917**
[13] A1

[51] **Int.Cl. 6B22D 11/06**
[25] EN
[54] **DEVICE AND METHOD FOR COOLING CASTING BELTS**
[54] **DISPOSITIF ET PROCEDE DE REFROIDISSEMENT DE TAPIS ROULANTS**

[72] WYATT-MAIR, GAVIN F., US
[71] ALCOA INC., US
[85] 2000-05-12
[86] 1998-11-20 (PCT/US98/24825)
[87] 1999-06-03 (WO99/26744)
[30] US (60/065,250) 1997-11-20

[21] **2,309,918**
[13] A1

[51] **Int.Cl. 6A47F 5/00**
[25] EN
[54] **SELF STANDING MERCHANDISER**

[54] **PRESENTOIR AUTOPORTEUR**
[72] BATTAGLIA, JOSEPH M., US
[72] BUSTOS, RAFAEL T., US
[71] L&P PROPERTY MANAGEMENT COMPANY, US
[85] 2000-05-12
[86] 1998-11-24 (PCT/US98/24903)
[87] 1999-06-10 (WO99/27823)
[30] US (08/980,498) 1997-12-01

[21] **2,309,919**
[13] A1

[51] **Int.Cl. 6A61K 35/14 6A61K 35/28 6A61K 39/395 6A61K 31/675**
[25] EN
[54] **TREATMENT OF HEMATOLOGIC DISORDERS**

[54] **TRAITEMENT DE TROUBLES HEMATOLOGIQUES**
[72] SYKES, MEGAN, US
[72] SPITZER, THOMAS R., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2000-05-12
[86] 1998-11-13 (PCT/US98/24209)
[87] 1999-05-27 (WO99/25367)
[30] US (60/073,230) 1997-11-14

[21] **2,309,920**
[13] A1

[51] **Int.Cl. 6G09G 5/00**
[25] EN
[54] **A SYSTEM AND METHOD OF PROVIDING RESTRAINED, STREAMLINED ACCESS TO A COMPUTERIZED INFORMATION SOURCE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE FOURNIR UN ACCES LIMITE ET ACCELERE A UNE SOURCE D'INFORMATIONS INFORMATISEE**

[72] KREBS, RICHARD, US
[72] NACHINSON, JON, US
[72] MORTON, GREGORY, US
[72] WATSON, RICHARD, US
[72] BECKER, THOMAS, US
[71] MYSMART.COM, INC., US
[85] 2000-05-12
[86] 1998-11-12 (PCT/US98/24080)
[87] 1999-05-27 (WO99/26227)
[30] US (08/970,029) 1997-11-13

[21] **2,309,921**
[13] A1

[51] **Int.Cl. 6G10L 7/02**
[25] EN
[54] **METHOD AND APPARATUS FOR PITCH ESTIMATION USING PERCEPTION BASED ANALYSIS BY SYNTHESIS**

[54] **TECHNIQUE ET APPAREIL DE CALCUL DE CRETES A L'AIDE D'UNE ANALYSE SYNTHETIQUE BASEE SUR LA PERCEPTION**
[72] YELDENER, SUAT, US
[71] COMSAT CORPORATION, US
[85] 2000-05-12
[86] 1998-11-16 (PCT/US98/23251)
[87] 1999-05-27 (WO99/26234)
[30] US (08/970,396) 1997-11-14

[21] **2,309,922**
[13] A1

[51] **Int.Cl. 6G01B 11/00**
[25] EN
[54] **AUTOMATIC LENS INSPECTION SYSTEM**
[54] **SYSTEME AUTOMATIQUE D'INSPECTION DE LENTILLES**

[72] LEUNG, BILLY C., US
[72] RHODY, HARVEY E., US
[72] XU, DAVID H., CN
[71] WESLEY-JESSEN CORPORATION, US
[85] 2000-05-12
[86] 1998-10-22 (PCT/US98/22354)
[87] 1999-05-27 (WO99/26052)
[30] US (08/971,160) 1997-11-14

[21] **2,309,923**
[13] A1

[51] **Int.Cl. 6A01N 43/38 6A01N 33/02**
[25] EN
[54] **COMPOSITION AND METHOD FOR PREVENTING OR ALLEVIATING MIGRAINE HEADACHES**

[54] **COMPOSITION ET PROCEDE POUR PREVENIR OU SOULAGER LES MAUX DE TETE APPELES MIGRAINE**
[72] ALLOCCA, JOHN A., US
[71] ALLOCCA TECHNICAL, INC., US
[85] 2000-05-12
[86] 1998-11-10 (PCT/US98/24041)
[87] 1999-05-20 (WO99/23881)
[30] US (08/968,358) 1997-11-12

[21] **2,309,925**
[13] A1

[51] **Int.Cl. 6A61K 48/00 6A61K 39/112 6C12N 1/22**

[25] EN
[54] **RECOMBINANT VACCINES COMPRISING IMMUNOGENIC ATTENUATED BACTERIA HAVING RPOS POSITIVE PHENOTYPE**
[54] **VACCINS RECOMBINES RENFERMANT DES BACTERIES IMMUNOGENES ATTENUÉES A PHENOTYPE RPOS POSITIF**

[72] CURTISS, ROY III, US
[72] NICKERSON, CHERYL A., US
[71] WASHINGTON UNIVERSITY, US
[85] 2000-05-12
[86] 1998-11-13 (PCT/US98/24295)
[87] 1999-05-27 (WO99/25387)
[30] US (08/970,789) 1997-11-14

Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] 2,309,926 [13] A1</p> <p>[51] Int.Cl. 6G06F 11/16 [25] EN [54] METHOD FOR MAINTAINING THE SYNCHRONIZED EXECUTION IN FAULT RESILIENT/FAULT TOLERANT COMPUTER SYSTEMS [54] SYSTEME INFORMATIQUE PRESENTANT UNE RESILIENCE ET UNE TOLERANCE FACE AUX DEFAILLANCES [72] BISSETT, THOMAS D., US [72] MUENCH, ERIK, US [72] LEVEILLE, PAUL A., US [71] MARATHON TECHNOLOGIES CORPORATION, US [85] 2000-05-12 [86] 1998-11-13 (PCT/US98/24378) [87] 1999-05-27 (WO99/26133) [30] US (60/065,790) 1997-11-14</p> | <p style="text-align: right;">[21] 2,309,929 [13] A1</p> <p>[51] Int.Cl. 7G08G 1/127 [25] EN [54] METHOD AND APPARATUS FOR AUTOMATIC EVENT DETECTION IN A WIRELESS COMMUNICATION SYSTEM [54] PROCEDE ET APPAREIL PERMETTANT DE DETECTER AUTOMATIQUEMENT UN EVENEMENT DANS UN SYSTEME DE COMMUNICATION SANS FIL [72] ANTONIO, FRANKLIN P., US [72] ERLNBACH, JUDD, US [72] ELAM, SUE, US [72] WOOTEN, KATHLEEN R., US [72] SEGAL, MICHAEL L., US [71] QUALCOMM INCORPORATED, US [85] 2000-05-12 [86] 1999-09-15 (PCT/US99/21420) [87] 2000-03-23 (WO00/16293) [30] US (09/153,732) 1998-09-15</p> | <p style="text-align: right;">[21] 2,309,932 [13] A1</p> <p>[51] Int.Cl. 6H04L 1/18 [25] EN [54] METHOD AND APPARATUS FOR TIME EFFICIENT RETRANSMISSION USING SYMBOL ACCUMULATION [54] PROCEDE ET SYSTEME DE RETRANSMISSION CHRONO-EFFICACE UTILISANT UNE ACCUMULATION DE SYMBOLES [72] CHEN, TAO, US [72] WILLENEGGER, SERGE, CH [72] ODENWALDER, JOSEPH P., US [72] TIEDEMANN, EDWARD G., JR., US [71] QUALCOMM INCORPORATED, US [85] 2000-05-12 [86] 1998-11-12 (PCT/US98/24155) [87] 1999-05-27 (WO99/26371) [30] US (08/969,319) 1997-11-13</p> |
| <p style="text-align: right;">[21] 2,309,927 [13] A1</p> <p>[51] Int.Cl. 6C07H 1/08 6B01J 19/00 6C07K 14/00 [25] EN [54] OLIGONUCLEOTIDE SYNTHESIS USING HIGH BOILING POINT SOLVENTS [54] PROCEDE ET COMPOSITION DESTINEE A LA SYNTHESE D'OLIGONUCLEOTIDES SUR UNE SURFACE DE SUPPORT PLACE DANS UN MILIEU OUVERT, AU MOYEN DE SOLVANTS ORGANIQUE A POINT D'EBULLITION ELEVE SERVANT A REGULER L'EVAPORATION [72] BRENNAN, THOMAS M., US [72] FRAUENDORF, ALBRECHT W., US [71] PROTOGENE LABORATORIES, INC., US [85] 2000-05-12 [86] 1998-11-10 (PCT/US98/23756) [87] 1999-05-27 (WO99/25724) [30] US (08/970,115) 1997-11-13</p> | <p style="text-align: right;">[21] 2,309,930 [13] A1</p> <p>[51] Int.Cl. 6G02B 27/18 6G02F 1/13 6G02B 27/28 6H04N 9/31 [25] EN [54] DE-CENTERED LENS GROUP FOR USE IN AN OFF-AXIS PROJECTOR [54] GROUPE DE LENTILLES DECENTRE POUR PROJECTEUR HORS-AXE [72] KOCH, DONALD GRIFFIN, US [72] BONE, MATTHEW F., US [71] AURORA SYSTEMS, INC., US [85] 2000-05-12 [86] 1998-11-13 (PCT/US98/24304) [87] 1999-05-27 (WO99/26103) [30] US (08/970,887) 1997-11-14</p> | <p style="text-align: right;">[21] 2,309,933 [13] A1</p> <p>[51] Int.Cl. 6A41B 13/10 [25] EN [54] BIB HAVING AN IMPROVED POCKET STRUCTURE [54] BAVOIR PRESENTANT UNE STRUCTURE DE POCHE AMELIOREE [72] LAMPSON, PATRICIA LEE, US [72] REINHART, RICHARD NICHOLAS, US [72] GUPTA, AMIT, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-05-15 [86] 1998-11-16 (PCT/US98/24388) [87] 1999-05-27 (WO99/25212) [30] US (08/969,868) 1997-11-14</p> |
| | | <p style="text-align: right;">[21] 2,309,934 [13] A1</p> <p>[51] Int.Cl. 6A61B 19/00 6A61B 17/34 [25] EN [54] SURGICAL HAND ACCESS DEVICE [54] DISPOSITIF D'ACCES CHIRURGICAL MANUEL [72] BONADIO, FRANK, IE [71] GAYA LIMITED, IE [85] 2000-05-12 [86] 1998-11-16 (PCT/IE98/00095) [87] 1999-05-27 (WO99/25268) [30] IE (S970810) 1997-11-14</p> |

PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] 2,309,936 [13] A1</p> <p>[51] Int.Cl. 6B01D 15/08 [25] EN [54] LIQUID CHROMATOGRAPHY COLUMN [54] COLONNE DE CHROMATOGRAPHIE EN PHASE LIQUIDE [72] RANSOHOFF, THOMAS C., US [72] MCNEIL, GARY L., US [72] LEAVESLEY, PETER J., US [72] GREEN, JEFFREY R., US [72] KASTER, JEFFREY A., US [72] LANCASTER, VICTOR R., US [72] VAN DAVELAAR, PETER C., US [71] DYAX CORPORATION, US [85] 2000-05-12 [86] 1998-11-12 (PCT/US98/24058) [87] 1999-05-27 (WO99/25451) [30] US (08/970,286) 1997-11-14 [30] US (08/970,287) 1997-11-14</p> | <p style="text-align: right;">[21] 2,309,940 [13] A1</p> <p>[51] Int.Cl. 6G06F 19/00 6G06F 17/30 [25] EN [54] SYSTEM AND METHOD FOR DYNAMIC PROFILING OF USERS IN ONE-TO-ONE APPLICATIONS AND FOR VALIDATING USER RULES [54] SYSTEME ET PROCEDE D'ETABLISSEMENT DYNAMIQUE DE PROFIL UTILISATEUR DANS DES APPLICATIONS BIUNIVOQUES ET DE VALIDATION DE REGLES UTILISATEUR [72] ADOMAVICIUS, GEDIMINAS, US [72] TUZHILIN, ALEXANDER, US [71] NEW YORK UNIVERSITY, US [85] 2000-05-12 [86] 1998-11-13 (PCT/US98/24339) [87] 1999-05-27 (WO99/26180) [30] US (08/970,359) 1997-11-14</p> | <p style="text-align: right;">[21] 2,309,944 [13] A1</p> <p>[51] Int.Cl. 6G01R 33/24 6G01R 33/16 [25] EN [54] RESONANT MAGNETIC SUSCEPTIBILITY IMAGING (REMSI) [54] IMAGERIE DE LA SUSCEPTIBILITE MAGNETIQUE RESONANTE (REMSI) [72] MILLS, RANDELL L., US [71] MILLS, RANDELL L., US [85] 2000-05-11 [86] 1998-11-13 (PCT/US98/24220) [87] 1999-05-27 (WO99/26078) [30] US (60/065,318) 1997-11-13 [30] US (09/191,454) 1998-11-12</p> |
| <p style="text-align: right;">[21] 2,309,937 [13] A1</p> <p>[51] Int.Cl. 6A63F 1/00 6A63F 1/10 [25] EN [54] COLLECTABLE CARD GAME [54] JEU DE CARTES COLLECTIONNABLE [72] HENNESSEY, JOSEPH A., US [71] HENNESSEY, JOSEPH A., US [85] 2000-05-12 [86] 1998-11-13 (PCT/US98/24249) [87] 1999-05-27 (WO99/25437) [30] US (08/970,807) 1997-11-14</p> | <p style="text-align: right;">[21] 2,309,943 [13] A1</p> <p>[51] Int.Cl. 6A61K 47/48 6A61K 31/40 6A61K 31/47 6A61K 31/545 6A61K 31/635 6A61K 31/65 6A61K 31/665 6A61K 31/70 [25] EN [54] COMPOUNDS AND METHODS FOR THE TREATMENT OF BACTERIAL DYSENTERY USING ANTIBIOTICS AND TOXIN BINDING OLIGOSACCHARIDE COMPOSITIONS [54] COMPOSES ET PROCEDES POUR LE TRAITEMENT DE LA DYSENTERIE BACTERIENNE, AU MOYEN D'ANTIBIOTIQUES ET DE COMPOSITIONS A BASE D'OLIGOSACCHARIDE FIXANT LES TOXINES [72] RAFTER, DAVID JOHN, CA [72] RATCLIFF, ROBERT MURRAY, CA [72] ARMSTRONG, GLEN D., CA [72] THOMPSON, BRADLEY G., CA [71] SYNORB BIOTECH, INC., CA [85] 2000-05-11 [86] 1999-02-23 (PCT/CA99/00161) [87] 1999-08-26 (WO99/42136) [30] US (60/075,643) 1998-02-23</p> | <p style="text-align: right;">[21] 2,309,945 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/35 [25] EN [54] METHODS FOR IDENTIFYING BIOLOGICAL MACROMOLECULE INTERACTIONS WITH COMPOUNDS [54] PROCEDES D'IDENTIFICATION DES INTERACTIONS DE MACROMOLECULES BIOLOGIQUES AVEC DES COMPOSES [72] MARSHALL, SHANNON, US [72] BRUENING, REIMAR C., US [71] MILLENNIUM PHARMACEUTICALS, INC., US [85] 2000-05-11 [86] 1998-11-09 (PCT/US98/23726) [87] 1999-05-20 (WO99/24816) [30] US (08/969,186) 1997-11-12</p> |
| <p style="text-align: right;">[21] 2,309,939 [13] A1</p> <p>[51] Int.Cl. 6A01K 41/06 [25] EN [54] INCUBATION METHOD AND DEVICE FOR CONTINUOUS INCUBATION OF EGGS OF ALL FOWL SPECIES [54] PROCEDE D'INCUBATION ET DISPOSITIF POUR L'INCUBATION CONTINUE D'OEUF DE TOUTES ESPECES DE VOLAILLES [72] DRATT, RAINER, DE [71] DRATT, RAINER, DE [85] 2000-05-12 [86] 1998-11-06 (PCT/DE98/03243) [87] 1999-05-27 (WO99/25184) [30] DE (197 50 398.5) 1997-11-14</p> | <p style="text-align: right;">[21] 2,309,946 [13] A1</p> <p>[51] Int.Cl. 6G03G 9/097 6C07D 231/26 [25] EN [54] COMPOUND, COMPOSITION AND USE [54] COMPOSE, COMPOSITION, ET LEUR UTILISATION [72] DEVONALD, DAVID PHILLIP, GB [71] AVECIA LIMITED, GB [85] 2000-05-11 [86] 1998-11-11 (PCT/GB98/03389) [87] 1999-05-20 (WO99/24873) [30] GB (9723856.2) 1997-11-12</p> | |

Demandes PCT entrant en phase nationale

[21] **2,309,947**
[13] A1

[51] **Int.Cl. 6A61K 38/16 6C12N 5/06 6A61K 38/17**
[25] EN
[54] **ENHANCED OPENING OF ABNORMAL BRAIN TISSUE CAPILLARIES**
[54] **OUVERTURE AMELIOREE DE CAPILLAIRES DU TISSU CEREBRAL ANORMAL**
[72] BLACK, KEITH L., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2000-05-11
[86] 1998-11-10 (PCT/US98/23932)
[87] 1999-05-20 (WO99/24053)
[30] US (08/968,169) 1997-11-12

[21] **2,309,948**
[13] A1

[51] **Int.Cl. 6F17C 1/16 6F17C 13/00**
[25] EN
[54] **COMPOSITE PRESSURISED CONTAINER WITH A PLASTIC LINER FOR STORING GASEOUS MEDIA UNDER PRESSURE**
[54] **RESERVOIR A PRESSION COMPOSITE MUNI D'UN REVETEMENT EN PLASTIQUE, SERVANT A STOCKER DES MILIEUX GAZEUX SOUS PRESSION**
[72] RAU, STEFFEN, DE
[72] RASCHE, CHRISTIAN, DE
[71] MANNESMANN AKTIENGESELLSCHAFT, DE
[85] 2000-05-12
[86] 1998-11-12 (PCT/DE98/03422)
[87] 1999-06-03 (WO99/27293)
[30] DE (19751411.1) 1997-11-14

[21] **2,309,949**
[13] A1

[51] **Int.Cl. 6C11D 3/00 6B01D 19/04**
[25] EN
[54] **FOAM CONTROL GRANULE FOR PARTICULATE LAUNDRY DETERGENT COMPOSITIONS**
[54] **SUBSTANCE GRANULAIRE DE REGULATION DE LA MOUSSE POUR COMPOSITIONS DETERGENTES PARTICULAIRES A LESSIVE**
[72] DI-PIETRO, ANGELA, NL
[72] DELWEL, FRANCOIS, NL
[72] BUSCAN, MARINELA, NL
[71] UNILEVER PLC, GB
[85] 2000-05-11
[86] 1998-11-18 (PCT/EP98/07534)
[87] 1999-06-17 (WO99/29816)
[30] GB (9725986.5) 1997-12-08

[21] **2,309,950**
[13] A1

[51] **Int.Cl. 6A61K 7/06**
[25] EN
[54] **HAIR TREATMENT COMPOSITION**
[54] **COMPOSITION DE TRAITEMENT POUR LES CHEVEUX**
[72] MURRAY, ANDREW MALCOLM, GB
[72] BERTOLOSSO, GERARDO, AR
[72] MAVROPOULOU, MARIA, AR
[71] UNILEVER PLC, GB
[85] 2000-05-11
[86] 1998-11-16 (PCT/EP98/07533)
[87] 1999-06-17 (WO99/29286)
[30] AR (P970105697) 1997-12-04
[30] GB (9804717.8) 1998-03-05

[21] **2,309,951**
[13] A1

[51] **Int.Cl. 6H01R 33/22**
[25] EN
[54] **LIGHT BULB BASE**
[54] **CULOT D'AMPOULE ELECTRIQUE**
[72] CROSS, DAVID C., CA
[72] MARSHALL, FORREST A., US
[71] CROSS, DAVID C., CA
[71] MARSHALL, FORREST A., US
[85] 2000-05-11
[86] 1998-11-18 (PCT/US98/24595)
[87] 1999-06-10 (WO99/28996)
[30] US (08/982267) 1997-12-01
[30] US (60/075028) 1998-02-18

[21] **2,309,952**
[13] A1

[51] **Int.Cl. 6D06F 23/00 6D06F 25/00 6D06F 37/30**
[25] EN
[54] **IMPROVEMENTS INTRODUCED IN WASHING MACHINES**
[54] **AMELIORATIONS CONCERNANT LES MACHINES A LAVER**
[72] MONTEIRO, MARCELO, BR
[71] MONDELLA, RICARDO, BR
[71] MONTEIRO, MARCELO, BR
[85] 2000-05-11
[86] 1998-11-13 (PCT/BR98/00091)
[87] 1999-05-27 (WO99/25914)
[30] BR (PI 9705847-5) 1997-11-13
[30] BR (003907) 1998-11-13

[21] **2,309,953**
[13] A1

[51] **Int.Cl. 6C08L 101/02 6C08G 81/02 6C08J 3/09**
[25] EN
[54] **SOLVENT BASED COMPOSITIONS CONTAINING A SUBSTANTIALLY NON-GELLED POLYMERIC COMPOSITION**
[54] **COMPOSITIONS A BASE DE SOLVANT CONTENANT UNE COMPOSITION POLYMERE PRATIQUEMENT NON GELIFIEE**
[72] ANDERSON, JEFFREY L., US
[72] TOKAS, EDWARD, US
[71] S.C. JOHNSON COMMERCIAL MARKETS, INC., US
[85] 2000-05-11
[86] 1998-11-12 (PCT/IB98/02153)
[87] 1999-06-10 (WO99/28389)
[30] US (08/968,326) 1997-11-12

[21] **2,309,954**
[13] A1

[51] **Int.Cl. 6A61K 38/00**
[25] EN
[54] **TRIALKYL-LOCK-FACILITATED POLYMERIC PRODRUGS OF AMINO-CONTAINING BIOACTIVE AGENTS**
[54] **BIOPRECURSEURS POLYMERES, A BLOCAGE TRIALKYLE FACILITANT, D'AGENTS BIOACTIFS A CONTENU AMINO**
[72] PENDRI, ANNAPURNA, US
[72] GREENWALD, RICHARD B., US
[72] CHOE, YUN E., US
[71] ENZON, INC., US
[85] 2000-05-11
[86] 1998-12-29 (PCT/US98/27805)
[87] 1999-07-08 (WO99/33483)
[30] US (09/000,676) 1997-12-30
[30] US (09/137,430) 1998-08-21

[21] **2,309,955**
[13] A1

[51] **Int.Cl. 6A61K 47/18 6A61K 38/28**
[25] EN
[54] **METHOD FOR DECREASING SELF-ASSOCIATION OF POLYPEPTIDES**
[54] **PROCEDE PERMETTANT DE REDUIRE L'ASSOCIATION SPONTANEE DE POLYPEPTIDES**
[72] LEUNG, IRIS K.M., US
[71] ALZA CORPORATION, US
[85] 2000-05-11
[86] 1998-11-03 (PCT/US98/23298)
[87] 1999-05-20 (WO99/24071)
[30] US (08/969217) 1997-11-12

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[21] **2,309,956**
[13] A1

[51] **Int.Cl. 6G06F 1/00 6G06K 9/00 6G06K 11/08 6G06K 11/18**
[25] EN
[54] **METHOD AND SYSTEM FOR COMPUTER ACCESS AND CURSOR CONTROL USING A RELIEF OBJECT IMAGE GENERATOR**
[54] **TECHNIQUE ET SYSTEME PERMETTANT UN ACCES INFORMATIQUE ET UNE COMMANDE DE CURSEUR AU MOYEN D'UN GENERATEUR D'IMAGES OBJETS EN RELIEF**
[72] COLE, ANDREW, US
[72] MULLINS, GREGORY A., US
[72] DICKINSON, ALEXANDER, US
[72] HADJIABADI, SHAHIN, US
[72] SMITH, RONALD S., US
[72] MCMORRIS, JOHN A., III, US
[72] DERWITSCH, FREDRIC F., US
[72] MARTENEY, STEVEN J., US
[72] VACHRIS, PAUL F., US
[71] WHO? VISION SYSTEMS, INC., US
[85] 2000-05-11
[86] 1998-11-25 (PCT/US98/24923)
[87] 1999-06-03 (WO99/27485)
[30] US (60/066,814) 1997-11-25
[30] US (09/066,625) 1998-04-24

[21] **2,309,957**
[13] A1

[51] **Int.Cl. 6C09K 3/18 6B32B 7/00 6B05D 5/00**
[25] EN
[54] **WATER-REPELLENT COATING MATERIAL AND ARTICLE WITH WATER-REPELLENT SURFACE**
[54] **MATIERE DE REVETEMENT RESISTANTE A L'EAU ET ARTICLE DOTE D'UNE SURFACE RESISTANTE A L'EAU**
[72] INOUE, CHOZO, JP
[72] MONDEN, RYUII, JP
[72] MIYASAKA, YOSHIHIKO, JP
[72] NAKAMURA, KASUMI, JP
[71] SHOWA DENKO K.K., JP
[85] 2000-05-11
[86] 1998-11-10 (PCT/JP98/05046)
[87] 1999-05-20 (WO99/24523)
[30] JP (H9-327143) 1997-11-12
[30] JP (H9-329622) 1997-11-13
[30] US (60/088882) 1998-06-11

[21] **2,309,958**
[13] A1

[51] **Int.Cl. 6G01M 3/00**
[25] EN
[54] **THERMALLY ACTIVATED CALIBRATION SYSTEM FOR CHEMICAL SENSORS**
[54] **SYSTEME D'ETALONNAGE ACTIVE THERMIQUEMENT POUR DETECTEURS CHIMIQUES**
[72] DILGER, JOHN PATRICK, US
[71] FISHER CONTROLS INTERNATIONAL, INC., US
[85] 2000-05-11
[86] 1998-10-22 (PCT/US98/22349)
[87] 1999-05-20 (WO99/24806)
[30] US (08/967,870) 1997-11-12

[21] **2,309,959**
[13] A1

[51] **Int.Cl. 6G01N 1/22 6G01N 1/24**
[25] EN
[54] **FUGITIVE EMISSION SENSING SYSTEM**
[54] **SYSTEME DE DETECTION D'EMISSIONS FUGITIVES**
[72] GRABAU, TED D., US
[72] DILGER, JOHN PATRICK, US
[72] DIELSCHNEIDER, NILE K., US
[72] MILLER, MEREDITH D., US
[71] FISHER CONTROLS INTERNATIONAL, INC., US
[85] 2000-05-11
[86] 1998-11-11 (PCT/US98/23844)
[87] 1999-05-20 (WO99/24808)
[30] US (60/065,349) 1997-11-12

[21] **2,309,960**
[13] A1

[51] **Int.Cl. 6B42D 15/10**
[25] EN
[54] **SECURITY FEATURE FOR A SECURITY DOCUMENT OR DOCUMENT OF VALUE WITH A FRACTAL LAMINATE SYSTEM**
[54] **ELEMENT DE SECURITE DESTINE A UN DOCUMENT DE VALEUR OU A UN DOCUMENT DE SECURITE, COMPORTANT UN SYSTEME DE LAMELLES FRACTALES**
[72] PAUGSTADT, RALF, DE
[71] BUNDESDRUCKEREI GMBH, DE
[85] 2000-05-11
[86] 1998-10-10 (PCT/EP98/06431)
[87] 1999-05-20 (WO99/24265)
[30] DE (197 49 789.6) 1997-11-11

[21] **2,309,961**
[13] A1

[51] **Int.Cl. 6C08G 65/32**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF POLYETHER OLIGOMER CONTAINING REACTIVE SILICON GROUP**
[54] **PROCEDE DE PREPARATION D'UN OLIGOMERE DE POLYETHER CONTENANT UN GROUPE REACTIF SILICONE**
[72] IWAKIRI, HIROSHI, JP
[72] ANDO, HIROSHI, JP
[72] KAWAKUBO, FUMIO, JP
[72] JYONO, HIDEHARU, JP
[72] ITO, HIROSHI, JP
[72] ODAKA, HIDETOSHI, JP
[71] KANEKA CORPORATION, JP
[85] 2000-05-11
[86] 1998-10-01 (PCT/JP98/04441)
[87] 1999-05-20 (WO99/24489)
[30] JP (9/310138) 1997-11-12

[21] **2,309,962**
[13] A1

[51] **Int.Cl. 6A61B 5/103 6A61B 5/14**
[25] EN
[54] **METHOD AND APPARATUS FOR OBTAINING INTERSTITIAL FLUID FOR DIAGNOSTIC TESTS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PRELEVER DU LIQUIDE INTERSTITIEL POUR DES EPREUVES DE DIAGNOSTIC**
[72] HILTIBRAN, ROBERT G., US
[72] CUNNINGHAM, DAVID D., US
[72] SHAIN, ERIC B., US
[72] YOUNG, DOUGLAS F., US
[72] HENNING, TIMOTHY P., US
[72] TARKOWSKI, BRIAN J., US
[71] ABBOTT LABORATORIES, US
[85] 2000-05-12
[86] 1998-11-20 (PCT/US98/24962)
[87] 1999-06-10 (WO99/27852)
[30] US (08/982,449) 1997-12-02

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| <p style="text-align: center;">[21] 2,309,963 [13] A1</p> <p>[51] Int.Cl. 6C07H 17/08 6A61K 31/70 [25] EN [54] 6-O-ALKYL ERYTHROMYCIN B OXIME [54] OXIME DE 6-O-ALKYLE ERYTHROMYCINE B [72] LIU, JIH-HUA, US [72] MONTGOMERY, STEPHEN H., US [71] ABBOTT LABORATORIES, US [85] 2000-05-12 [86] 1998-11-17 (PCT/US98/24547) [87] 1999-06-10 (WO99/28332) [30] US (08/980,918) 1997-12-01</p> | <p style="text-align: center;">[21] 2,309,966 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/645 6A61K 31/445 [25] EN [54] COMBINATION OF ACTIVE PRINCIPLES, IN PARTICULAR OF TETRAHYDROPYRIDINS AND ACETYLCHOLINESTERASE INHIBITING AGENTS, FOR TREATING SENILE DEMENTIA SUCH AS ALZHEIMER DEMENTIA [54] ASSOCIATION DE PRINCIPES ACTIFS, NOTAMMENT DE TETRAHYDROPYRIDINES ET D'AGENTS INHIBITEURS DE L'ACETYLCHOLINESTERASE, POUR LE TRAITEMENT DE LA DEMENCE SENILE DU TYPE ALZHEIMER [72] SOUBRIE, PHILIPPE, FR [72] TERRANOVA, JEAN-PAUL, FR [72] MAFFRAND, JEAN-PIERRE, FR [71] SANOFI-SYNTHELABO, FR [85] 2000-05-12 [86] 1998-11-09 (PCT/FR98/02384) [87] 1999-05-27 (WO99/25363) [30] FR (97/14322) 1997-11-14 [30] FR (97/14324) 1997-11-14</p> | <p style="text-align: center;">[21] 2,309,968 [13] A1</p> <p>[51] Int.Cl. 6A23G 1/02 [25] EN [54] PREDIGESTED SEED FOOD COMPOSITION [54] COMPOSITION ALIMENTAIRE DERIVEE DE GRAINES PREDIGEREES [72] SANTILLO, HUMBART D., JR., US [71] SANTILLO, HUMBART D., JR., US [85] 2000-05-15 [86] 1998-11-23 (PCT/US98/24866) [87] 1999-06-03 (WO99/26483) [30] US (08/978,090) 1997-11-25</p> |
| <p style="text-align: center;">[21] 2,309,964 [13] A1</p> <p>[51] Int.Cl. 6C11D 3/395 6C11D 3/16 [25] EN [54] BLEACH CATALYSTS [54] CATALYSEURS DE BLANCHIMENT [72] RENDER, CARMEL MARIA, GB [72] GREENHILL-HOOPER, MICHAEL JOHN, GB [72] BUNTON, CLIFFORD, US [71] U.S. BORAX INC., US [85] 2000-05-12 [86] 1998-11-16 (PCT/GB98/03443) [87] 1999-05-27 (WO99/25803) [30] GB (9724164.0) 1997-11-14 [30] GB (9808332.2) 1998-04-21</p> | <p style="text-align: center;">[21] 2,309,967 [13] A1</p> <p>[51] Int.Cl. 6H01L 33/00 [25] EN [54] HIGHLY LUMINESCENT COLOR-SELECTIVE MATERIALS [54] MATERIAUX CHROMO-SELECTIFS HAUTEMENT LUMINESCENTS [72] DABBOUSI, BASHIRE O., SA [72] BAWENDI, MOUNGI, US [72] RODRIGUEZ-VIELO, LAVIER, ES [72] JENSEN, KLAUS F., US [72] MIKULEC, FREDERIC VICTOR, US [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US [85] 2000-05-12 [86] 1998-11-10 (PCT/US98/23984) [87] 1999-05-27 (WO99/26299) [30] US (08/969,302) 1997-11-13</p> | <p style="text-align: center;">[21] 2,309,969 [13] A1</p> <p>[51] Int.Cl. 6C07D 263/64 6C07D 263/00 6C07D 277/00 6C07D 413/12 6C07D 417/12 6A61K 31/42 6C07D 277/52 [25] EN [54] BENZENESULFONAMIDE COMPOUNDS [54] COMPOSES BENZENESULFAMIDES [72] HEIDEMPERGHER, FRANCO, IT [72] GRECO, FELICITA, IT [72] PEVARELLO, PAOLO, IT [72] VARASI, MARIO, IT [72] SPECIALE, CARMELA, IT [71] PHARMACIA & UPJOHN S.P.A., IT [85] 2000-05-15 [86] 1998-10-27 (PCT/EP98/06994) [87] 1999-06-10 (WO99/28306) [30] GB (9725141.7) 1997-11-27</p> |
| <p style="text-align: center;">[21] 2,309,965 [13] A1</p> <p>[51] Int.Cl. 6H01R 4/40 [25] EN [54] ELECTRICAL CONNECTOR [54] CONNECTEUR ELECTRIQUE [72] WARNER, ROY K., US [72] CORNELL, PAUL A., US [71] PAN ELECTRIC CORPORATION, US [85] 2000-05-15 [86] 1998-11-25 (PCT/US98/25280) [87] 1999-06-17 (WO99/30386) [30] US (08/985,883) 1997-12-05</p> | <p style="text-align: center;">[21] 2,309,970 [13] A1</p> <p>[51] Int.Cl. 6F02B 43/00 6F17C 7/00 [25] EN [54] COMPRESSED NATURAL GAS CYLINDER PUMP AND REVERSE CASCADE FUEL SUPPLY SYSTEM [54] POMPE A CYLINDRE POUR GAZ NATUREL COMPRIME ET SYSTEME D'ALIMENTATION EN CARBURANT EN CASCADE INVERSE [72] GRAM, ANKER, CA [72] NOBLE, STEPHEN DUNCAN, CA [71] WESTPORT RESEARCH INC., CA [85] 2000-05-12 [86] 1998-12-14 (PCT/CA98/01174) [87] 1999-07-15 (WO99/35381) [30] US (09/001,912) 1997-12-30</p> | |

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[21] **2,309,971**
[13] A1
[51] **Int.Cl. 6H02J 3/06 6H02K 3/40**
[25] EN
[54] **POWER FLOW CONTROL**
[54] **REGULATION DE FLUX DE COURANT**
[72] LEIJON, MATS, SE
[72] GERTMAR, LARS, SE
[71] ABB AB, SE
[85] 2000-05-12
[86] 1998-11-30 (PCT/EP98/07744)
[87] 1999-06-10 (WO99/29008)
[30] SE (9725339.7) 1997-11-28

[21] **2,309,972**
[13] A1
[51] **Int.Cl. 6C10G 45/00 6C07C 7/00 6B01D 47/00 6C10G 47/00 6C10G 45/02 6C07C 7/11**
[25] EN
[54] **TWO STAGE HYDROPROCESSING WITH VAPOR-LIQUID INTERSTAGE CONTACTING FOR VAPOR HETEROATOM REMOVAL**
[54] **HYDROCRAQUAGE EN DEUX NIVEAUX AVEC CONTACT INTER-NIVEAUX ENTRE VAPEUR ET LIQUIDE POUR L'ELIMINATION DES HETEROATOMES DE LA VAPEUR**
[72] LEWIS, WILLIAM ERNEST, US
[72] ELLIS, EDWARD STANLEY, US
[72] JUNG, HENRY, US
[72] GUPTA, RAMESH, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2000-05-15
[86] 1999-09-08 (PCT/US99/20325)
[87] 2000-03-23 (WO00/15735)
[30] US (09/153,921) 1998-09-16

[21] **2,309,973**
[13] A1
[51] **Int.Cl. 6C07D 277/32 6C07D 275/02 6C07D 417/04 6C07D 285/06 6C07D 277/30 6A01N 43/74 6A01N 43/78 6A01N 43/82**
[25] EN
[54] **THIAZOLE-, ISOTHIAZOLE- AND THIADIAZOLE-DERIVATIVES HAVING MICROBICIDAL AND PLANT IMMUNIZING ACTIVITIES**
[54] **DERIVES DE THIAZOLE, D'ISOTHIAZOLE ET DE THIADIAZOLE PRESENTANT DES PROPRIETES ANTIMICROBIENNES ET D'IMMUNISATION POUR LES PLANTES**
[72] ERTL, PETER, CH
[72] CHEMLA, PHILIPPE, FR
[72] MAETZKE, THOMAS, CH
[71] NOVARTIS AG, CH
[85] 2000-05-15
[86] 1998-12-18 (PCT/EP98/08335)
[87] 1999-07-01 (WO99/32464)
[30] GB (9726989.8) 1997-12-22

[21] **2,309,974**
[13] A1
[51] **Int.Cl. 6G06F 13/00 6H04L 12/18 6H04L 12/56 6H04L 12/58**
[25] EN
[54] **A MULTIMEDIA DIRECT COMMUNICATION SYSTEM LINKED WITH HTTP PROTOCOL**
[54] **SYSTEME MULTIMEDIA DE COMMUNICATION DIRECTE ASSOCIE A UN PROTOCOLE HTTP**
[72] NISHIZAWA, YASUO, JP
[71] MITSUI & CO., LTD., JP
[85] 2000-05-15
[86] 1998-09-16 (PCT/JP98/04151)
[87] 2000-03-23 (WO00/16201)

[21] **2,309,975**
[13] A1
[51] **Int.Cl. 6B08B 3/04**
[25] EN
[54] **CARBON REMOVAL APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE PERMETTANT D'ELIMINER DU CARBONE**
[72] PERRY, JUNE ANNIE LYNCH, SA
[72] PERRY, JONATHON, US
[71] PERRY, JUNE ANNIE LYNCH, SA
[71] COCHRANE-MURRAY, JOSEPHINE EMILY, ZA
[85] 2000-05-15
[86] 1998-11-13 (PCT/GB98/03423)
[87] 1999-05-27 (WO99/25492)
[30] GB (9723970.1) 1997-11-14
[30] GB (9814721.8) 1998-07-08

[21] **2,309,976**
[13] A1
[51] **Int.Cl. 6E01F 9/04**
[25] EN
[54] **WEAR RESISTANT PAVEMENT MARKING**
[54] **MARQUAGE DE CHAUSSEE RESISTANT A L'USURE**
[72] MEVERDEN, CURTIS W., US
[72] RICE, ERIC E., US
[72] HEDBLUM, THOMAS P., US
[72] GILLIGAN, GREGORY E., US
[72] KRECH, THOMAS D., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-05-15
[86] 1998-11-13 (PCT/US98/24347)
[87] 1999-05-27 (WO99/25928)
[30] US (08/974,205) 1997-11-19

[21] **2,309,977**
[13] A1
[51] **Int.Cl. 6C07D 313/00**
[25] EN
[54] **6-O-ALKYL DERIVATIVES OF ERYTHRONOLIDE B**
[54] **DERIVES 6-O-ALKYLE DE L'ERYTHRONOLIDE B**
[72] MONTGOMERY, STEPHEN H., US
[72] RILEY, DAVID A., US
[72] GRACEY, HOWARD E., US
[72] LIU, JIH-HUA, US
[71] ABBOTT LABORATORIES, US
[85] 2000-05-12
[86] 1998-11-17 (PCT/US98/24497)
[87] 1999-06-10 (WO99/28311)
[30] US (08/980,919) 1997-12-01

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| <p style="text-align: right;">[21] 2,309,978 [13] A1</p> <p>[51] Int.Cl. 6H02K 3/30 6H02K 3/38 [25] EN [54] A METHOD OF REPAIRING A WINDING SYSTEM INCLUDING SPLICING A HIGH-VOLTAGE CABLE [54] PROCEDE DE REPARATION D'UN SYSTEME D'ENROULEMENT, COMPRENANT L'EPISSAGE D'UN CABLE HAUTE TENSION [72] CARSTENSEN, PETER, SE [72] LEIJON, MATS, SE [71] ABB AB, SE [85] 2000-05-15 [86] 1998-11-27 (PCT/SE98/02164) [87] 1999-06-10 (WO99/29016) [30] SE (9704452-3) 1997-11-28</p> | <p style="text-align: right;">[21] 2,309,981 [13] A1</p> <p>[51] Int.Cl. 6A61F 13/56 [25] EN [54] LONG SANITARY NAPKINS HAVING STEPPED PANTY FASTENING ADHESIVE [54] LONGUES SERVIETTES HYGIENIQUES AYANT UN ADHESIF ECHELONNE DE FIXATION A LA CULOTTE [72] STEIGERT, CHRISTIAN KLAUS, DE [72] HASLER, PETER LUDWIG, DE [72] LINZMAIER, ULRIKE BARBARA, DE [72] KREUTZ, KAREN ANN, DE [72] LAWTON, RACHEL ANN, DE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-05-11 [86] 1998-11-09 (PCT/US98/23899) [87] 1999-05-20 (WO99/23986) [30] EP (97119753.8) 1997-11-12</p> | <p style="text-align: right;">[21] 2,309,983 [13] A1</p> <p>[51] Int.Cl. 6B60R 13/08 6B60R 13/02 6G10K 11/168 6B32B 5/18 [25] EN [54] VIBRATION DAMPENING LAMINATE [54] STRATIFIE ANTIVIBRATIONS [72] BOYD, ROBERT S., US [72] CARE, MELVYN J., US [72] TODD, JOHN, US [71] COLLINS & AIKMAN PRODUCTS CO., US [85] 2000-05-11 [86] 1998-10-05 (PCT/US98/20812) [87] 1999-05-20 (WO99/24290) [30] US (08/968,930) 1997-11-12</p> |
| <p style="text-align: right;">[21] 2,309,979 [13] A1</p> <p>[51] Int.Cl. 6F16F 1/38 [25] EN [54] READILY CHANGEABLE ISOLATOR AND METHOD OF ASSEMBLY THEREFOR [54] ISOLATEUR A REMPLACEMENT FACILE ET METHODE DE MONTAGE Y RELATIVE [72] LAW, THOMAS R., US [72] SNYDER, PAUL J., JR., US [71] LORD CORPORATION, US [85] 2000-05-12 [86] 1998-11-17 (PCT/US98/24549) [87] 1999-05-27 (WO99/25990) [30] US (08/972,063) 1997-11-17</p> | <p style="text-align: right;">[21] 2,309,982 [13] A1</p> <p>[51] Int.Cl. 6B23K 37/04 [25] EN [54] CAR BODY ASSEMBLY AND WELDING STATION WITH RECIPROCAL GATE-SUPPORTING SYSTEM [54] POSTE D'ASSEMBLAGE ET DE SOUDURE D'UNE CARROSSERIE DE VEHICULE, DOTE D'UN SYSTEME DE SUPPORT DE PORTE A MOUVEMENT DE VA ET VIENT [72] SLOAN, KENNETH R., US [72] LUCAORA, JOHNNY D., US [72] JARVIS, EDWARD J., US [72] ZANGER, LEONARD A., US [71] PROGRESSIVE TOOL & INDUSTRIES CO., US [85] 2000-05-11 [86] 1998-11-11 (PCT/US98/23795) [87] 1999-05-20 (WO99/24215) [30] US (60/065,114) 1997-11-12 [30] US (60/076,901) 1998-03-05</p> | <p style="text-align: right;">[21] 2,309,984 [13] A1</p> <p>[51] Int.Cl. 6B29C 45/68 [25] EN [54] MOLD CLOSURE UNIT FOR AN INJECTION MOLDING MACHINE [54] UNITE DE FERMETURE DE MOULE POUR MACHINE DE MOULAGE PAR INJECTION [72] HEHL, KARL, DE [71] HEHL, KARL, DE [85] 2000-05-11 [86] 1998-11-04 (PCT/EP98/07037) [87] 1999-05-20 (WO99/24235) [30] DE (197 50 057.9) 1997-11-12</p> |
| <p style="text-align: right;">[21] 2,309,980 [13] A1</p> <p>[51] Int.Cl. 6A61K 6/02 6A61K 6/00 6A61K 6/08 [25] EN [54] METAL-FREE DENTAL FILLING SYSTEM AS A SUBSTITUTE FOR AMALGAM [54] SYSTEME D'OBTURATION DENTAIRE NE CONTENANT PAS DE METAUX, UTILISE EN TANT QUE PRODUIT DE SUBSTITUTION DE L'AMALGAME [72] KREJCI, IVO, CH [72] KREJCI, DANIELA, CH [72] LUTZ, FELIX, CH [71] KREJCI, DANIELA, CH [71] ESPE DENTAL AG, DE [85] 2000-05-12 [86] 1998-11-12 (PCT/IB98/01798) [87] 1999-05-27 (WO99/25309) [30] DE (197 50 319.5) 1997-11-13 [30] US (60/066,128) 1997-11-21</p> | <p style="text-align: right;">[21] 2,309,985 [13] A1</p> <p>[51] Int.Cl. 6A47J 37/07 [25] EN [54] A BARBECUE [54] BARBECUE [72] BLAND, ALBERT ARTHUR, GB [71] SPRINGAIR 2000 LIMITED, GB [85] 2000-05-11 [86] 1998-09-14 (PCT/GB98/02771) [87] 1999-03-25 (WO99/13758) [30] GB (9719489.8) 1997-09-12</p> | |

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| <p style="text-align: right;">[21] 2,309,986 [13] A1</p> <p>[51] Int.Cl. 7H02J 13/00 [25] EN [54] MAN-MACHINE INTERFACE FOR A CUSTOM TABULAR DISPLAY [54] INTERFACE HOMME-MACHINE POUR AFFICHAGE TABULAIRE PERSONNALISE [72] THOMAS, ROBERT P., US [71] GENERAL ELECTRIC COMPANY, US [85] 2000-05-11 [86] 1999-09-15 (PCT/US99/21226) [87] 2000-03-23 (WO00/16463) [30] US (09/156,167) 1998-09-17</p> | <p style="text-align: right;">[21] 2,309,989 [13] A1</p> <p>[51] Int.Cl. 6B62D 33/10 [25] EN [54] COORDINATED CONTROL OF AN ACTIVE SUSPENSION SYSTEM [54] COMMANDE COORDONNEE D'UN SYSTEME DE SUSPENSION ACTIF [72] SCHUBERT, WILLIAM L., US [71] CASE CORPORATION, US [85] 2000-05-11 [86] 1998-10-19 (PCT/US98/21927) [87] 1999-05-20 (WO99/24312) [30] US (08/968,065) 1997-11-12</p> | <p style="text-align: right;">[21] 2,309,992 [13] A1</p> <p>[51] Int.Cl. 6C07C 29/149 6C07D 307/08 6C07D 307/33 [25] EN [54] PROCESS FOR THE PREPARATION OF BUTANE-1,4-DIOL, GAMMA-BUTYROLACTONE AND TETRAHYDROFURAN [54] PROCEDE POUR LA PREPARATION DE BUTANE-1,4-DIOL, GAMMA-BUTYROLACTONE ET TETRAHYDROFURANNE [72] TUCK, MICHAEL WILLIAM MARSHALL, GB [72] WOOD, MICHAEL ANTHONY, GB [72] HILES, ANDREW GEORGE, GB [71] KVAERNER PROCESS TECHNOLOGY LIMITED, GB [85] 2000-05-12 [86] 1998-11-02 (PCT/GB98/03257) [87] 1999-05-27 (WO99/25675) [30] GB (9724195.4) 1997-11-14</p> |
| <p style="text-align: right;">[21] 2,309,987 [13] A1</p> <p>[51] Int.Cl. 7H02B 15/00 7G05B 23/02 7H01H 9/28 [25] EN [54] MAN-MACHINE INTERFACE FOR A VIRTUAL LOCKOUT/TAGOUT PANEL DISPLAY [54] INTERFACE HOMME-MACHINE POUR UN AFFICHAGE VIRTUEL DE BLOCAGE D'UN AFFICHAGE DE MANOEUVRE/INTERDICTION DE MANOEUVRE [72] BUTLAND, GEOFF, US [72] VANDEVANTER, JOHN S., US [72] THOMAS, ROBERT P., US [71] GENERAL ELECTRIC COMPANY, US [85] 2000-05-11 [86] 1999-09-15 (PCT/US99/21086) [87] 2000-03-23 (WO00/16457) [30] US (09/154,875) 1998-09-17</p> | <p style="text-align: right;">[21] 2,309,990 [13] A1</p> <p>[51] Int.Cl. 6A61K 39/395 6C07K 16/08 6C07K 16/12 6C12N 5/12 6C12N 15/13 6C07K 16/20 6C07K 16/30 6C07K 16/42 [25] EN [54] MODIFIED ANTIBODIES WITH ENHANCED ABILITY TO ELICIT AN ANTI-IDIOTYPE RESPONSE [54] ANTICORPS MODIFIES A CAPACITE AMELIOREE DE DECLENCHEMENT D'UNE REPONSE ANTI-IDIOTYPE [72] BURCH, RONALD M., US [71] EURO-CELTIQUE, S.A., BM [85] 2000-05-12 [86] 1998-11-13 (PCT/US98/24303) [87] 1999-05-27 (WO99/25379) [30] US (60/065,716) 1997-11-14 [30] US (60/081,403) 1998-04-10</p> | <p style="text-align: right;">[21] 2,309,993 [13] A1</p> <p>[51] Int.Cl. 6C07K 1/10 6C08J 3/02 6C07K 17/08 6C07K 17/10 6C07K 17/12 6C07K 17/14 [25] EN [54] CARRIER-REPORTER BEAD ASSEMBLIES [54] ENSEMBLE SUPPORT-BILLES DE MARQUAGE [72] BRYANT, DARRYN EDWARD, AU [72] TRAU, MATHIAS, AU [71] THE UNIVERSITY OF QUEENSLAND, AU [85] 2000-05-12 [86] 1998-11-12 (PCT/AU98/00944) [87] 1999-05-20 (WO99/24458) [30] AU (PP 0328) 1997-11-12</p> |
| <p style="text-align: right;">[21] 2,309,988 [13] A1</p> <p>[51] Int.Cl. 6B60G 17/00 [25] EN [54] ACTIVE SUSPENSION SYSTEM FOR A WORK VEHICLE HAVING ADJUSTABLE PERFORMANCE PARAMETERS [54] SYSTEME DE SUSPENSION ACTIF POUR VEHICULE DE TRAVAIL AYANT DES PARAMETRES DE PERFORMANCE REGLABLES [72] SCHMITZ, GEOFFREY W., US [72] SCHUBERT, WILLIAM L., US [71] CASE CORPORATION, US [85] 2000-05-11 [86] 1998-10-19 (PCT/US98/21926) [87] 1999-05-20 (WO99/24274) [30] US (08/968,351) 1997-11-12</p> | <p style="text-align: right;">[21] 2,309,991 [13] A1</p> <p>[51] Int.Cl. 7A01K 1/12 7A01J 7/02 [25] EN [54] AN IMPLEMENT FOR AUTOMATICALLY MILKING ANIMALS, SUCH AS COWS [54] SYSTEME DE TRAITE AUTOMATIQUE D'ANIMAUX TELS QUE DES VACHES [72] VAN DER BERG, KAREL, NL [72] VAN DER LELY, ALEXANDER, NL [72] VAN DER WEELE, WILLEM ABRAHAM FRANS, NL [72] DE GROEN, FRANCISCUS JOHANNES ADRIANUS, NL [71] MAASLAND N.V., NL [85] 2000-05-12 [86] 1999-09-03 (PCT/NL99/00550) [87] 2000-03-23 (WO00/15029) [30] NL (1010074) 1998-09-14</p> | |

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[21] **2,309,995**
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[51] **Int.Cl. 6B05D 3/02**
[25] EN
[54] **SURFACE TREATMENTS FOR ARTICLES AND VEHICLES**
[54] **PROCEDE SERVANT A TRAITER LES SURFACES D'ARTICLES OU DE VEHICULES**
[72] PARIS, HENRY G., US
[72] LIU, ZHENGUO, US
[72] DENG, FENGHUA, US
[72] LIOTTA, CHARLES L., US
[72] ECKERT, CHARLES A., US
[71] DELTA AIRLINES, INC., US
[85] 2000-05-15
[86] 1998-11-17 (PCT/US98/24404)
[87] 1999-05-27 (WO99/25485)
[30] US (60/065,758) 1997-11-17

[21] **2,309,996**
[13] A1

[51] **Int.Cl. 6A61B 5/08**
[25] EN
[54] **APPARATUS FOR FLUID ADMINISTRATION**
[54] **APPAREIL D'ADMINISTRATION DE FLUIDE**
[72] WEILER, NORBERT, DE
[72] KAUCZOR, HANS-ULRICH, DE
[72] GROSSMANN, TINO, DE
[72] SURKAU, REINHARD, DE
[72] OTTEN, ERNST, DE
[72] EBERT, MICHAEL, DE
[72] LAUER, LARS, DE
[72] MARKSTALLER, KLAUS, DE
[72] EBERLE, BALTHASAR, DE
[71] WEILER, NORBERT, DE
[85] 2000-05-15
[86] 1998-11-13 (PCT/EP98/07516)
[87] 1999-05-27 (WO99/25243)
[30] DE (197 50 467.1) 1997-11-14
[30] DE (198 13 790.7) 1998-03-28

[21] **2,309,997**
[13] A1

[51] **Int.Cl. 6C07C 67/08 6C07D 307/08 6C07C 29/17 6C07C 31/20 6C07D 307/32 6C07C 69/60**
[25] EN
[54] **PROCESS FOR PREPARING GAMMA-BUTYROLACTONE, BUTANE-1,4-DIOL AND TETRAHYDROFURAN**
[54] **PROCEDE POUR LA PREPARATION DE GAMMA-BUTYROLACTONE, DE BUTANE-1,4-DIOL ET DE TETRAHYDROFURANNE**
[72] HILES, ANDREW GEORGE, GB
[72] WOOD, MICHAEL ANTHONY, GB
[72] TUCK, MICHAEL WILLIAM MARSHALL, GB
[71] KVAERNER PROCESS TECHNOLOGY LIMITED, GB
[85] 2000-05-12
[86] 1998-11-02 (PCT/GB98/03264)
[87] 1999-05-27 (WO99/25678)
[30] GB (9724004.8) 1997-11-13

[21] **2,309,998**
[13] A1

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING A STRIP OF CELLULOSE FIBRE MATERIAL FOR USE IN HYGIENE ARTICLES**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE UNE BANDE DE MATERIAU FIBREUX A BASE DE FIBRES DE CELLULOSE, S'UTILISANT DANS LE DOMAINE DES ARTICLES D'HYGIENE**
[72] MAKSIMOW, ALEXANDER, DE
[71] MAKSIMOW, ALEXANDER, DE
[85] 2000-05-15
[86] 1998-11-16 (PCT/EP98/07305)
[87] 1999-05-27 (WO99/25281)
[30] DE (197 50 890.1) 1997-11-18
[30] DE (198 24 825.3) 1998-06-04

[21] **2,309,999**
[13] A1

[51] **Int.Cl. 6A61M 29/00**
[25] EN
[54] **RECANALIZATION APPARATUS AND DEVICES FOR USE THEREIN AND METHOD**
[54] **APPAREIL DE RECANALISATION, DISPOSITIF ASSOCIE ET PROCEDE DE MISE EN OEUVRE**
[72] KATOH, OSAMU, JP
[72] IMRAN, MIR A., US
[71] FOX HOLLOW TECHNOLOGIES, INC., US
[85] 2000-05-12
[86] 1998-11-13 (PCT/US98/24199)
[87] 1999-05-27 (WO99/25419)
[30] US (08/970,911) 1997-11-14

[21] **2,310,000**
[13] A1

[51] **Int.Cl. 6A61B 5/00**
[25] EN
[54] **DETERMINING THE STATE OF AN OXIMETRY SENSOR**
[54] **DETERMINATION DE L'ETAT D'UN OXYMETRE**
[72] BAKER, CLARK R., JR., US
[71] NELLCOR PURITAN BENNETT, INC., US
[85] 2000-05-15
[86] 1998-10-29 (PCT/US98/22959)
[87] 1999-05-27 (WO99/25241)
[30] US (08/974,274) 1997-11-19

[21] **2,310,001**
[13] A1

[51] **Int.Cl. 6F16L 27/12 6F16L 25/00**
[25] EN
[54] **JOINT**
[54] **JOINT**
[72] DAVIDSON, PAUL, GB
[71] DAVIDSON, PAUL, GB
[85] 2000-05-12
[86] 1998-11-18 (PCT/GB98/03437)
[87] 1999-05-27 (WO99/26005)
[30] GB (9724221.9) 1997-11-18
[30] GB (9802001.9) 1998-02-02
[30] GB (9812551.1) 1998-06-11

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| <p style="text-align: right;">[21] 2,310,003 [13] A1</p> <p>[51] Int.Cl. 6C07H 17/08 [25] EN [54] CHEMICAL SYNTHESIS OF 6-O-ALKYL ERYTHROMYCIN C [54] SYNTHESE CHIMIQUE DE 6-O-ALKYLE ERYTHROMYCINE C [72] IVES, MICHAEL D., US [72] MONTGOMERY, STPEHEN H., US [72] LIU, JIH-HUA, US [71] ABBOTT LABORATORIES, US [85] 2000-05-12 [86] 1998-11-17 (PCT/US98/24601) [87] 1999-06-10 (WO99/28333) [30] US (08/982,214) 1997-12-01</p> | <p style="text-align: right;">[21] 2,310,008 [13] A1</p> <p>[51] Int.Cl. 6C07D 285/12 6C07D 403/04 6C07D 401/12 6C07D 403/12 6A61K 31/41 6A61K 31/44 6A61K 31/55 [25] EN [54] 1,3,4-THIADIAZOLES DERIVATIVES AS KYN-OH INHIBITORS [54] DERIVES DE 1,2,3-THIADIAZOLES UTILISES COMME INHIBITEURS DE KYN-OH [72] AMICI, RAFFAELLA, IT [72] PEVARELLO, PAOLO, IT [72] TOMA, SALVATORE, IT [72] VILLA, MANUELA, IT [72] VARASI, MARIO, IT [71] PHARMACIA & UPJOHN S.P.A., IT [85] 2000-05-15 [86] 1998-10-27 (PCT/EP98/06995) [87] 1999-06-10 (WO99/28309) [30] GB (9725055.9) 1997-11-26</p> | <p style="text-align: right;">[21] 2,310,011 [13] A1</p> <p>[51] Int.Cl. 6G11B 23/03 [25] EN [54] COMPRESSION RETURN SPRING WITH A GUIDE FOR A DATA CARTRIDGE [54] RESSORT DE RAPPEL COMPRESSIBLE MUNI D'UNE TIGE POUR CATOUCHE DE SUPPORT DE SUPPORT DE DONNEES [72] LITTLEWOOD, BARRY, US [72] SCHICK, BRIAN, US [72] NOWELL, SHANE, US [72] NORDMEYER, MICHAEL WILLIAM, US [71] IOMEGA CORPORATION, US [85] 2000-05-11 [86] 1998-10-29 (PCT/US98/22968) [87] 1999-05-20 (WO99/24982) [30] US (08/968,355) 1997-11-12</p> |
| <p style="text-align: right;">[21] 2,310,004 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/39 [25] EN [54] LAPAROSCOPIC BIPOLAR ELECTROSURGICAL INSTRUMENT [54] INSTRUMENT ELECTROCHIRURGICAL BIPOLAIRE DE LAPAROSCOPIE [72] LAWES, KATE RYLAND, US [72] LANDS, MICHAEL JOHN, US [72] CUNNINGHAM, JAMES STEVEN, US [72] LUKIANOW, STEPHEN WADE, US [72] KENNEDY, JENIFER SERAFIN, US [72] TRIMBERGER, DANIEL LEE, US [72] LOEFFLER, DONALD ROBERT, US [72] MITCHELL, MATHEW ERLE, US [71] SHERWOOD SERVICES AG, US [85] 2000-05-12 [86] 1998-11-13 (PCT/US98/24281) [87] 1999-05-27 (WO99/25261) [30] US (08/970,472) 1997-11-14</p> | <p style="text-align: right;">[21] 2,310,009 [13] A1</p> <p>[51] Int.Cl. 6E21B 17/10 [25] EN [54] IMPROVEMENTS IN OR RELATING TO DOWNHOLE TOOLS [54] AMELIORATIONS APORTEES A DES OUTILS DE FOND [72] CHARLTON, STEPHEN, GB [71] BRUNEL OILFIELD SERVICES (UK) LIMITED, GB [85] 2000-05-15 [86] 1998-11-16 (PCT/GB98/03413) [87] 1999-05-27 (WO99/25949) [30] GB (9724194.7) 1997-11-15</p> | <p style="text-align: right;">[21] 2,310,012 [13] A1</p> <p>[51] Int.Cl. 6B63B 11/02 6B63B 35/44 [25] EN [54] BALLASTING OF SEMI-SUBMERSIBLE RIG [54] BALLASTAGE D'UNE BARGE SEMI-SUBMERSIBLE [72] KOZICZ, JOHN RICHARD, US [72] MORVAN, PIERRE, FR [72] TITREVILLE, BERNARD, FR [71] SCHLUMBERGER TECHNOLOGY CORPORATION, US [85] 2000-05-15 [86] 1998-11-13 (PCT/EP98/07369) [87] 1999-05-27 (WO99/25608) [30] GB (97240634) 1997-11-15</p> |
| <p style="text-align: right;">[21] 2,310,005 [13] A1</p> <p>[51] Int.Cl. 6H01L 21/8247 6H01L 27/04 6H01L 27/108 6H01L 29/788 6H01L 29/792 6H01L 21/822 6H01L 21/8242 [25] EN [54] FERROELECTRIC MEMORY OR A METHOD OF PRODUCING THE SAME [54] MEMOIRE FERROELECTRIQUE OU SON PROCEDE DE PRODUCTION [72] NAKAMURA, TAKASHI, JP [71] ROHM CO., LTD., JP [85] 2000-05-12 [86] 1998-10-30 (PCT/JP98/04954) [87] 1999-05-27 (WO99/26284) [30] JP (9/313358) 1997-11-14</p> | <p style="text-align: right;">[21] 2,310,010 [13] A1</p> <p>[51] Int.Cl. 6H02G 15/22 6H02G 15/34 [25] EN [54] A HIGH VOLTAGE POWER CABLE TERMINATION [54] ELEMENT DE CONNEXION DE CABLE D'ALIMENTATION HAUTE TENSION [72] LEIJON, MATS, SE [72] SASSE, CHRISTIAN, SE [71] ABB AB, SE [85] 2000-05-15 [86] 1998-11-30 (PCT/EP98/07737) [87] 1999-06-10 (WO99/29005) [30] GB (9725314.0) 1997-11-28</p> | <p style="text-align: right;">[21] 2,310,013 [13] A1</p> <p>[51] Int.Cl. 6G01N 1/24 [25] EN [54] SAMPLE RETRIEVAL SYSTEM [54] SYSTEME DE RECUPERATION D'ECHANTILLONS [72] DILGER, JOHN PATRICK, US [71] FISHER CONTROLS INTERNATIONAL, INC., US [85] 2000-05-11 [86] 1998-10-28 (PCT/US98/22891) [87] 1999-05-20 (WO99/24809) [30] US (08/968,545) 1997-11-12</p> |

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[21] **2,310,014**
[13] A1

[51] **Int.Cl. 6B63B 1/10 6B63J 2/06 6B63H 21/12 6B63H 21/32 6B63B 35/44**
[25] EN
[54] **SEMI-SUBMERSIBLE STRUCTURE**
[54] **STRUCTURE SEMI-SUBMERSIBLE**
[72] TITREVILLE, BERNARD, FR
[72] MORVAN, PIERRE, FR
[72] KOZICZ, JOHN RICHARD, US
[71] SCHLUMBERGER TECHNOLOGY CORPORATION, US
[85] 2000-05-15
[86] 1998-11-13 (PCT/EP98/07336)
[87] 1999-05-27 (WO99/25607)
[30] GB (97240642) 1997-11-15

[21] **2,310,015**
[13] A1

[51] **Int.Cl. 7H04Q 3/00**
[25] EN
[54] **INTELLIGENT NETWORK SERVICES IN PACKET-SWITCHED NETWORK**
[54] **SERVICES DE RESEAU INTELLIGENT DANS UN RESEAU DE COMMUTATION PAR PAQUETS**
[72] HURTTA, TUIJA, FI
[72] TAMMELA, REINO, FI
[72] WALLENIUS, JUKKA, FI
[71] NOKIA NETWORKS OY, FI
[85] 2000-05-15
[86] 1999-10-01 (PCT/FI99/00812)
[87] 2000-04-13 (WO00/21310)
[30] FI (982128) 1998-10-01

[21] **2,310,016**
[13] A1

[51] **Int.Cl. 6C12N 5/10 6A61K 35/28**
[25] EN
[54] **GENETICALLY-MODIFIED MYOGENIC PROGENITORS AND THEIR USE IN CELL AND GENE THERAPY**
[54] **PROGENITEURS MYOGENES GENETIQUEMENT MODIFIES ET LEUR UTILISATION EN THERAPIE GENIQUE ET CELLULAIRE**
[72] MAVILIO, FULVIO, IT
[71] GENERA S.P.A., IT
[85] 2000-05-11
[86] 1998-11-13 (PCT/EP98/07263)
[87] 1999-05-27 (WO99/25814)
[30] IT (MI97A002542) 1997-11-14

[21] **2,310,017**
[13] A1

[51] **Int.Cl. 6G01T 1/20**
[25] EN
[54] **SCINTILLATOR PANEL AND RADIATION IMAGE SENSOR**
[54] **PANNEAU DE SCINTILLATEUR ET CAPTEUR D'IMAGE DE RAYONNEMENT**
[72] SATO, HIROTO, JP
[72] HOMME, TAKUYA, JP
[72] TAKABAYASHI, TOSHIO, JP
[71] HAMAMATSU PHOTONICS K.K., JP
[85] 2000-04-28
[86] 1999-04-09 (PCT/JP99/01911)
[87] 1999-12-23 (WO99/66345)
[30] JP (171190/1998) 1998-06-18
[30] JP (171191/1998) 1998-06-18

[21] **2,310,018**
[13] A1

[51] **Int.Cl. 6B67D 1/08**
[25] EN
[54] **APPARATUS AND METHOD FOR PREVENTING BACTERIA FROM PROPAGATING AND REMOVING BACTERIA IN DRINK CONVEYING PIPE**
[54] **DISPOSITIF ET PROCEDE PERMETTANT D'EMPECHER LA PROPAGATION BACTERIENNE ET D'ELIMINER LES BACTERIES DANS UN TUBE SERVANT AU PASSAGE D'UNE BOISSON.**
[72] MIDDLETON, DAVID LESLIE PHILLIP, JP
[71] MIDDLETON, DAVID LESLIE PHILLIP, JP
[85] 2000-05-11
[86] 1998-10-26 (PCT/JP98/04849)
[87] 1999-05-20 (WO99/24352)
[30] JP (9/310086) 1997-11-12

[21] **2,310,019**
[13] A1

[51] **Int.Cl. 6A01N 31/02 6C05G 3/00**
[25] EN
[54] **USE OF METHANOL FOR IMPROVING PLANT GROWTH**
[54] **UTILISATION DE METHANOL AUX FINS D'UNE AMELIORATION DE LA CROISSANCE DE PLANTES**
[72] RODDER, JERRY A., US
[71] RODDER, JERRY A., US
[85] 2000-05-11
[86] 1998-11-11 (PCT/US98/24008)
[87] 1999-05-20 (WO99/23878)
[30] US (08/967,448) 1997-11-11

[21] **2,310,020**
[13] A1

[51] **Int.Cl. 6G01N 27/22 6G01W 1/14**
[25] EN
[54] **METHOD FOR DETERMINING THE VOLUMETRIC PROPORTION OF LIQUID WATER AND THE DENSITY OF SNOW, AND DEVICE FOR CARRYING OUT THE METHOD**
[54] **PROCEDE POUR LA DETERMINATION DE LA TENEUR VOLUMETRIQUE EN EAU LIQUIDE ET DE LA DENSITE DE LA NEIGE ET DISPOSITIF POUR L'EXECUTION DE CE PROCEDE**
[72] BRANDELIK, ALEXANDER, DE
[72] HUBNER, CHRISTOF, DE
[71] FORSCHUNGSZENTRUM KARLSRUBE GMBH, DE
[85] 2000-04-28
[86] 1998-11-11 (PCT/EP98/07190)
[87] 1999-06-17 (WO99/30140)
[30] DE (197 55 052.5) 1997-12-11

[21] **2,310,021**
[13] A1

[51] **Int.Cl. 6G01N 27/26 6G01N 27/02 6G01N 27/28**
[25] EN
[54] **METER**
[54] **INSTRUMENT DE MESURE**
[72] KUHN, LANCE SCOTT, US
[72] BURKE, DAVID W., US
[72] SVETNIK, VLADIMIR, US
[72] BEATY, TERRY ALLEN, US
[71] ROCHE DIAGNOSTICS CORPORATION, US
[85] 2000-05-11
[86] 1998-12-21 (PCT/US98/27203)
[87] 1999-07-01 (WO99/32881)
[30] US (08/996,280) 1997-12-22

[21] **2,310,022**
[13] A1

[51] **Int.Cl. 6C21B 13/02 6F27D 3/08**
[25] EN
[54] **DEVICE FOR WITHDRAWING LUMPY MATERIAL**
[54] **DISPOSITIF POUR RETIRER UNE CHARGE ISOLEE**
[72] ROSENFELLNER, GERALD, AT
[71] DEUTSCHE VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, DE
[85] 2000-05-11
[86] 1998-10-26 (PCT/EP98/06793)
[87] 1999-05-27 (WO99/25881)
[30] AT (A 1922/97) 1997-11-13

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[21] **2,310,023**
[13] A1

[51] **Int.Cl. 6B04B 5/00**
[25] EN
[54] **ROTOR, ESPECIALLY FOR INCORPORATION INTO THE ENCLOSURE OF A FREE JET CENTRIFUGE**
[54] **ROTOR, A INCORPORER NOTAMMENT DANS LE CARTER D'UNE CENTRIFUGEUSE A JET LIBRE**
[72] FISCHER, HELMUT, DE
[72] FREHLAND, PETER, DE
[72] WEBER, OLAF, DE
[72] WEINDORF, MARTIN, DE
[71] FILTERWERK MANN & HUMMEL GMBH, DE
[85] 2000-04-18
[86] 1998-04-16 (PCT/EP98/02219)
[87] 1998-10-22 (WO98/46361)
[30] DE (197 15 661.4) 1997-04-16

[21] **2,310,025**
[13] A1

[51] **Int.Cl. 6B23K 11/11 6B23K 1/00 6B23K 11/30**
[25] EN
[54] **ASSEMBLING ELECTROCONDUCTIVE PARTS BY ELECTRIC CURRENT HEATING**
[54] **ASSEMBLAGE DE PIECES ELECTROCONDUCTRICES PAR CHAUFFAGE AU MOYEN D'UN COURANT ELECTRIQUE**
[72] TRUBERT, FRANZ, AT
[71] MAGNA IHV GESELLSCHAFT FUR INNENHOCHDRUCKVERFAHREN MBH, DE
[85] 2000-02-14
[86] 1998-07-24 (PCT/DE98/02091)
[87] 1999-02-25 (WO99/08825)
[30] DE (19735219.7) 1997-08-14
[30] DE (19757394.0) 1997-12-22

[21] **2,310,028**
[13] A1

[51] **Int.Cl. 6A61K 9/14**
[25] EN
[54] **HIGH DRUG LOAD IMMEDIATE AND MODIFIED RELEASE ORAL DOSAGE FORMULATIONS AND PROCESSES FOR THEIR MANUFACTURE**
[54] **FORMES POSOLOGIQUES ORALES A FORTE DOSE MEDICAMENTEUSE ET A LIBERATION IMMEDIATE ET MODIFIEE ET LEURS PROCEDES DE FABRICATION**
[72] VENKATESH, GOPADI M., US
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 2000-05-15
[86] 1998-11-17 (PCT/US98/24502)
[87] 1999-05-27 (WO99/25321)
[30] US (60/065,918) 1997-11-17

[21] **2,310,024**
[13] A1

[51] **Int.Cl. 6H02K 41/03**
[25] EN
[54] **A LINEAR ELECTROMAGNETIC MACHINE**
[54] **MACHINE ELECTROMAGNETIQUE LINEAIRE**
[72] DENNE, PHILLIP MICHAEL RAYMOND, GB
[71] ADVANCED MOTION TECHNOLOGIES LLC, US
[85] 2000-04-13
[86] 1998-10-14 (PCT/GB98/03088)
[87] 1999-04-22 (WO99/19972)
[30] GB (9721747.5) 1997-10-15
[30] GB (9721748.3) 1997-10-15
[30] GB (9801237.0) 1998-01-22

[21] **2,310,026**
[13] A1

[51] **Int.Cl. 6A61K 31/575**
[25] EN
[54] **USE OF MIXTURES OF ACTIVE AGENTS CONTAINING PHYTOSTENOL FOR PRODUCING HYPOCHOLESTERAEMIC PREPARATIONS**
[54] **UTILISATION DE MELANGES DE PRINCIPES ACTIFS CONTENANT DU PHYTOSTENOL POUR LA PRODUCTION D'AGENTS HYPOCHOLESTERINEMIQUES**
[72] FABRY, BERND, DE
[71] COGNIS DEUTSCHLAND GMBH, DE
[85] 2000-05-15
[86] 1998-11-05 (PCT/EP98/07059)
[87] 1999-05-27 (WO99/25362)
[30] DE (197 50 453.1) 1997-11-14

[21] **2,310,029**
[13] A1

[51] **Int.Cl. 6A61K 48/00**
[25] EN
[54] **A METHOD FOR IN VIVO DNA DELIVERY USING A NEEDLE FREE APPARATUS**
[54] **PROCEDE SERVANT A ADMINISTRER DE L'ADN IN VIVO AU MOYEN D'UN DISPOSITIF SANS AIGUILLE**
[72] ERDILE, LORNE, US
[72] HAENSLER, JEAN, FR
[71] AVENTIS PASTEUR, FR
[85] 2000-05-15
[86] 1998-11-20 (PCT/EP98/07812)
[87] 1999-06-03 (WO99/26662)
[30] EP (97120384.9) 1997-11-20

[21] **2,310,027**
[13] A1

[51] **Int.Cl. 6C07K 2/00**
[25] EN
[54] **HYPUSINE PEPTIDES**
[54] **PEPTIDES CONTENANT HYPUSINE**
[72] BERGERON, RAYMOND J., JR., US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2000-05-15
[86] 1998-08-19 (PCT/US98/17221)
[87] 1999-06-03 (WO99/26963)
[30] US (08/975,656) 1997-11-21

[21] **2,310,030**
[13] A1

[51] **Int.Cl. 6A61M 5/00 6B32B 31/00 6A61C 3/00 6B65H 37/00 6A61F 13/02 6A61M 25/02 6A61M 5/14 6A61M 5/32**
[25] EN
[54] **MEDICAL LINE SECUREMENT DEVICE**
[54] **DISPOSITIF DE FIXATION DE TUBE MEDICAL**
[72] BIERMAN, STEVEN F., US
[71] VENETEC INTERNATIONAL, INC., US
[85] 2000-05-15
[86] 1998-11-13 (PCT/US98/24239)
[87] 1999-05-27 (WO99/25399)
[30] US (08/970,223) 1997-11-14

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| <p style="text-align: right;">[21] 2,310,031 [13] A1</p> <p>[51] Int.Cl. 6A61F 13/15 [25] EN [54] DISPOSABLE ABSORBENT ARTICLE WITH A SKIN CARE COMPOSITION ON AN APERTURED TOP SHEET [54] ARTICLE ABSORBANT JETABLE CONTENANT UNE COMPOSITION POUR LE SOIN DE LA PEAU APPLIQUEE SUR UNE FEUILLE SUPERIEURE PERFOREE [72] ROE, DONALD CARROLL, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-05-15 [86] 1997-11-14 (PCT/US97/20842) [87] 1999-05-27 (WO99/25288)</p> | <p style="text-align: right;">[21] 2,310,035 [13] A1</p> <p>[51] Int.Cl. 6E04H 9/02 6E02D 27/34 [25] EN [54] EARTHQUAKE PROTECTION CONSISTING OF VIBRATION-ISOLATED MOUNTING OF BUILDINGS AND OBJECTS USING VIRTUAL PENDULUMS WITH LONG CYCLES [54] PROTECTION ANTISISMIQUE PAR POSE, DECOUPLEE DES ONDES, DES BATIMENTS ET OBJETS SUR UN PENDULE VIRTUEL DE LONGUE PERIODE [72] BIERWIRTH, FRIEDHELM, DE [71] PLANDESIGN INTERNATIONAL LLC, IN [85] 2000-02-11 [86] 1998-08-13 (PCT/EP98/05158) [87] 1999-02-25 (WO99/09278) [30] DE (197 34 993.5) 1997-08-13</p> | <p style="text-align: right;">[21] 2,310,038 [13] A1</p> <p>[51] Int.Cl. 6D21C 9/16 6D21C 9/10 6D21C 9/14 [25] EN [54] BLEACHING OF CHEMICAL PULP AND TREATMENT WITH A CHELATING AGENT [54] BLANCHIMENT DE PATE CHIMIQUE ET TRAITEMENT AVEC UN CHELATEUR [72] JAKARA, JUKKA, FI [72] PAREN, AARTO, FI [72] AKSELA, REIJO, FI [72] RENVALL, IKKA, FI [71] KEMIRA CHEMICALS OY, FI [85] 2000-05-10 [86] 1998-11-13 (PCT/FI98/00887) [87] 1999-05-27 (WO99/25919) [30] FI (974221) 1997-11-13</p> |
| <p style="text-align: right;">[21] 2,310,033 [13] A1</p> <p>[51] Int.Cl. 6A61F 13/15 [25] EN [54] ABSORBENT ARTICLE HAVING IMPROVED FECAL STORAGE STRUCTURE [54] ARTICLE ABSORBANT A STRUCTURE DE RETENUE DES MATIERES FECALES AMELIOREE [72] PINYAYEV, ALEKSEY M., US [72] ROE, DONALD CARROLL, US [72] FOX, CHERYL DENISE, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-05-15 [86] 1998-11-13 (PCT/US98/24298) [87] 1999-05-27 (WO99/25291) [30] US (60/066,777) 1997-11-15 [30] US (09/172,405) 1998-10-14</p> | <p style="text-align: right;">[21] 2,310,036 [13] A1</p> <p>[51] Int.Cl. 6A01K 1/00 6A01K 1/12 [25] EN [54] AN ANIMAL STALL AND METHOD INCLUDING A GATE SENSOR MEANS [54] STALLE POUR BETAIL [72] NILSSON, MATS, SE [71] DELAVAL HOLDING AB, SE [85] 2000-05-15 [86] 1998-11-09 (PCT/SE98/02016) [87] 1999-05-27 (WO99/25180) [30] SE (9704175-0) 1997-11-14</p> | <p style="text-align: right;">[21] 2,310,039 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/39 [25] EN [54] BIPOLAR ELECTROSURGICAL INSTRUMENT WITH REPLACEABLE ELECTRODES [54] INSTRUMENT BIPOLAIRE D'ELECTROCHIRURGIE A ELECTRODES AMOVIBLES [72] TRIMBERGER, DANIEL LEE II, US [72] HEARD, DAVID NICHOLAS, US [72] LAWES, KATE RYLAND, US [72] KENNEDY, JENIFER SERAFIN, US [72] MITCHELL, MATHEW ERLE, US [72] BUYASSE, STEVEN PAUL, US [72] LUZZI, ROBERT, US [72] SCHMALTZ, DALE FRANCIS, US [71] VALLEYLAB, INC., US [85] 2000-05-11 [86] 1998-11-11 (PCT/US98/23952) [87] 1999-05-20 (WO99/23933) [30] US (08/968,496) 1997-11-12</p> |
| <p style="text-align: right;">[21] 2,310,034 [13] A1</p> <p>[51] Int.Cl. 6B29C 43/18 6B29C 33/12 [25] EN [54] COMPRESSION MOULDING METHOD [54] PROCEDE DE MOULAGE PAR COMPRESSION [72] KELLY, PAUL ANDREW, GB [71] TRISPORT LIMITED, GB [85] 2000-05-15 [86] 1998-11-10 (PCT/GB98/03365) [87] 1999-05-27 (WO99/25531) [30] GB (9724113.7) 1997-11-15 [30] GB (9814584.0) 1998-07-07</p> | <p style="text-align: right;">[21] 2,310,037 [13] A1</p> <p>[51] Int.Cl. 6A01J 5/007 6A01J 5/017 [25] EN [54] AN AUTOMATIC MILKING APPARATUS [54] POSTE DE TRAITE AUTOMATIQUE [72] BIRK, UZI, SE [71] DELAVAL HOLDING AB, SE [85] 2000-05-15 [86] 1998-11-09 (PCT/SE98/02015) [87] 1999-05-27 (WO99/25176) [30] SE (9704174-3) 1997-11-14</p> | |

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[21] **2,310,040**
[13] A1
[51] **Int.Cl. 7H01Q 3/26 7H04B 7/08**
[25] EN
[54] **SYSTEM AND METHOD FOR MITIGATING STATIC CARRIER-PHASE MULTIPATH EFFECTS**
[54] **SYSTEME ET PROCEDE POUR ATTENUER LES EFFETS STATIQUES A TRAJETS MULTIPLES DE LA PHASE D'UNE ONDE PORTEUSE**
[72] FENTON, PATRICK C., CA
[72] RAY, JAYANTA K., CA
[72] CANNON, M., ELIZABETH, CA
[71] NOVATEL, INC., CA
[85] 2000-05-15
[86] 1999-09-17 (PCT/IB99/01598)
[87] 2000-03-30 (WO00/17959)
[30] US (60/100,747) 1998-09-17
[30] US (09/390,620) 1999-09-03

[21] **2,310,041**
[13] A1
[51] **Int.Cl. 6C07C 67/03 6A61K 7/48 6C07C 69/533**
[25] EN
[54] **LIPID MIXTURES AND THEIR USE**
[54] **MELANGES LIPIDIQUES ET LEUR UTILISATION**
[72] FERNANDEZ-KLEINLEIN, ELENA, DE
[72] HAUSER, MATTHIAS, DE
[72] VON STETTEN, OTTO, DE
[71] JOHNSON & JOHNSON GMBH, DE
[85] 2000-05-15
[86] 1999-02-02 (PCT/EP99/00685)
[87] 1999-08-12 (WO99/39682)
[30] DE (198 04 376.7) 1998-02-04

[21] **2,310,042**
[13] A1
[51] **Int.Cl. 6C03C 27/06 6C03C 27/10 6E06B 3/66**
[25] EN
[54] **GLASS PANEL**
[54] **PANNEAU VITRE**
[72] INOUE, HIROSHI, JP
[72] ASANO, OSAMU, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[85] 2000-05-15
[86] 1999-09-08 (PCT/JP99/04894)
[87] 2000-03-30 (WO00/17124)
[30] JP (10/262828) 1998-09-17

[21] **2,310,043**
[13] A1
[51] **Int.Cl. 6E21B 43/12 6E21B 43/16 6E21B 43/38**
[25] EN
[54] **METHOD AND APPARATUS FOR INCREASING FLUID RECOVERY FROM A SUBTERRANEAN FORMATION**
[54] **PROCEDE ET APPAREIL ACCROISSANT LA RECUPERATION DES FLUIDES D'UNE FORMATION SOUTERRAINE**
[72] SNYDER, ROBERT E., US
[72] KELLEY, TERRY E., US
[71] KELLEY & SONS GROUP INTERNATIONAL INC., US
[85] 2000-05-11
[86] 1997-12-01 (PCT/US97/21801)
[87] 1998-06-11 (WO98/25005)
[30] US (08/978,702) 1997-11-26

[21] **2,310,044**
[13] A1
[51] **Int.Cl. 7C22B 7/04 7C21B 3/00 7C21B 11/08**
[25] EN
[54] **METHOD FOR REPROCESSING STEEL SLAGS AND FERRIFEROUS MATERIALS**
[54] **PROCEDE POUR RETRAITER DES LAITIERS D'ACIER ET DES MATERIAUX FERRIFERES**
[72] EDLINGER, ALFRED, CH
[71] "HOLDERBANK" FINANCIERE GLARUS AG, CH
[85] 2000-05-15
[86] 1999-09-14 (PCT/AT99/00224)
[87] 2000-03-23 (WO00/15855)
[30] AT (A 1556/98) 1998-09-15

[21] **2,310,045**
[13] A1
[51] **Int.Cl. 6B21B 39/14 6C21D 9/00 6B21B 39/12 6F27B 9/14 6B22D 11/16 6F27B 9/24 6B21B 37/68**
[25] EN
[54] **METHOD TO CONTROL THE AXIAL POSITION OF SLABS EMERGING FROM CONTINUOUS CASTING AND RELATIVE DEVICE**
[54] **PROCEDE DE REGLAGE DE LA POSITION AXIALE DES BILLETES SORTANT DE LA COULEE CONTINUE ET DISPOSITIF CONNEXE S'Y RAPPORTANT**
[72] DRIGANI, FAUSTO, IT
[72] DONINI, ESTORE, IT
[72] GALLETI, CESARE, IT
[72] MILLONE, ROBERTO, IT
[71] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT
[85] 2000-05-10
[86] 1998-11-09 (PCT/IB98/01791)
[87] 1999-05-20 (WO99/24186)
[30] IT (UD97A000210) 1997-11-11

[21] **2,310,046**
[13] A1
[51] **Int.Cl. 6C07D 409/14 6C07D 411/14 6C07D 417/14 6A61K 31/44 6A61K 31/54**
[25] EN
[54] **PYRIDILPYRROLE DERIVATIVES**
[54] **DERIVES DE PYRIDILPYRROLE**
[72] USHIYAMA, SHIGERU, JP
[72] SUZUKI, KEISUKE, JP
[72] KIMURA, TOMIO, JP
[72] KAWARA, AKIHIRO, JP
[72] SHIMOZATO, TAKAICHI, JP
[72] NAKAO, AKIRA, JP
[71] SANKYO COMPANY LIMITED, JP
[85] 2000-05-15
[86] 1998-11-13 (PCT/JP98/05134)
[87] 1999-05-27 (WO99/25717)
[30] JP (9/313988) 1997-11-14

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[21] **2,310,047**
[13] A1

[51] **Int.Cl. 6B21C 47/24 6B65H 19/22**
[25] EN
[54] **CAROUSEL WINDING REEL**
[54] **ENROULEUR CARROUSEL**
[72] DRIGANI, FAUSTO, IT
[72] GALLETTI, CESARE, IT
[71] DANIELI & C. OFFICINE
MECCANICHE S.P.A., IT
[85] 2000-05-10
[86] 1998-11-03 (PCT/IB98/01758)
[87] 1999-05-20 (WO99/24188)
[30] IT (UD97A000209) 1997-11-10
[30] IT (UD98A000162) 1998-09-29

[21] **2,310,048**
[13] A1

[51] **Int.Cl. 6H04Q 7/30**
[25] EN
[54] **RADIO TRANSMISSION FROM A COMMUNICATION STATION WITH AN ANTENNA ARRAY TO PROVIDE A DESIRABLE RADIATION PATTERN**
[54] **EMISSION DEPUIS UNE STATION DE RADIOCOMMUNICATION VIA UN RESEAU D'ANTENNES POUR OBTENIR UN DIAGRAMME DE RAYONNEMENT DESIRE**
[72] GOLDBURG, MARC H., US
[71] ARRAYCOMM, INC., US
[85] 2000-05-15
[86] 1998-11-24 (PCT/US98/25375)
[87] 1999-06-17 (WO99/30520)
[30] US (08/988,519) 1997-12-10

[21] **2,310,049**
[13] A1

[51] **Int.Cl. 6A61K 31/19 6A61K 31/045 6A61K 9/06**
[25] EN
[54] **USE OF A MIXTURE OF A DIOL AND AN ALPHA-HYDROXY ACID FOR THE TREATMENT OF HYPERKERATOTIC SKIN DISEASES**
[54] **UTILISATION D'UN MELANGE DE DIOL ET D'ACIDE ALPHA-HYDROXYLE POUR TRAITER DES HYPERKERATOSES**
[72] GANEMO, AGNETA, SE
[71] YAMANOUCHI EUROPE B.V., NL
[85] 2000-05-15
[86] 1998-11-25 (PCT/EP98/07759)
[87] 1999-06-03 (WO99/26617)
[30] EP (97203681.8) 1997-11-25

[21] **2,310,050**
[13] A1

[51] **Int.Cl. 6G01F 7/00 6G01F 1/00 6G01F 1/68**
[25] EN
[54] **FLOWMETER**
[54] **DEBITMETRE**
[72] NUKUI, KAZUMITSU, JP
[72] MATUSHITA, MASAHIKO, JP
[72] TASHIRO, KEN, JP
[72] KOMAKI, MITUNORI, JP
[72] KATO, HIDEO, JP
[72] YAMADA, KAZUHIRO, JP
[71] TOKYO GAS CO., LTD., JP
[85] 2000-05-15
[86] 1998-10-16 (PCT/JP98/04688)
[87] 1999-06-24 (WO99/31467)
[30] JP (9/344595) 1997-12-15
[30] JP (10/203516) 1998-07-17

[21] **2,310,051**
[13] A1

[51] **Int.Cl. 7G11B 23/03**
[25] EN
[54] **CARTRIDGE**
[54] **CARTOUCHE**
[72] GOTO, YOSHIKAZU, JP
[72] NISHINO, YUKIO, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2000-05-15
[86] 1999-09-06 (PCT/JP99/04844)
[87] 2000-03-23 (WO00/16334)
[30] JP (10/261137) 1998-09-16

[21] **2,310,052**
[13] A1

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **ABSORBENT ARTICLE HAVING IMPROVED VISCOUS FLUID BODILY WASTE MANAGEMENT PROPERTIES**
[54] **ARTICLE ABSORBANT POSSEDANT DES PROPRIETES AMELIOREES DE RETENTION DE MATIERES CORPORELLES LIQUIDES OU VISQUEUSES**
[72] PINYAYEV, ALEKSEY MIKHAILOVICH, US
[72] ROE, DONALD CARROLL, US
[72] MASON, OLIVER EDWIN CLARKE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-15
[86] 1998-11-16 (PCT/US98/24389)
[87] 1999-05-27 (WO99/25294)
[30] US (08/970,508) 1997-11-14
[30] US (08/970,509) 1997-11-14
[30] US (08/970,870) 1997-11-14

[21] **2,310,053**
[13] A1

[51] **Int.Cl. 6B01J 3/06 6C01B 35/14**
[25] EN
[54] **A CELL AND METHOD FOR FORMING A COMPOSITE HARD MATERIAL AND COMPOSITE HARD MATERIALS FORMED THEREBY**
[54] **CELLULE ET PROCEDE DE FORMATION D'UN MATERIAU COMPOSITE DUR, ET MATERIAUX COMPOSITES DURS AINSI OBTENUS**
[72] CLARK, DONALD LINDSAY, AU
[72] MAJOR, ALAN, AU
[72] WILLIS, PAUL EDWIN, AU
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
[85] 2000-05-15
[86] 1998-11-12 (PCT/AU98/00940)
[87] 1999-05-27 (WO99/25468)
[30] AU (PP 0402) 1997-11-14

[21] **2,310,054**
[13] A1

[51] **Int.Cl. 6C07D 413/14 6C07D 413/12 6C07D 417/12 6C07D 417/14 6A61K 31/42 6A61K 31/425**
[25] EN
[54] **THIOPHENE-SULFONAMIDE COMPOUNDS**
[54] **COMPOSES THIOPHENE-SULFAMIDES**
[72] SPECIALE, CARMELA, IT
[72] TOMA, SALVATORE, IT
[72] PEVARELLO, PAOLO, IT
[72] VARASI, MARIO, IT
[72] HEIDEMPERGHER, FRANCO, IT
[71] PHARMACIA & UPJOHN S.P.A., IT
[85] 2000-05-16
[86] 1998-10-27 (PCT/EP98/06993)
[87] 1999-06-10 (WO99/28316)
[30] GB (9725138.3) 1997-11-27

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[21] **2,310,055**
[13] A1

[51] **Int.Cl. 6C07C 271/56 6C07C 333/06 6A23K 1/16 6C07C 271/24 6C07C 333/24 6A61K 31/325**
[25] EN
[54] **URETHANES, THIO AND DITHIO ANALOGUES, THE SALTS THEREOF, MEDICAMENTS CONTAINING SAID COMPOUNDS, USE AND METHOD FOR THE PRODUCTION THEREOF**
[54] **URETHANES, LEURS ANALOGUES THIO ET DITHIO, LEURS SELS, MEDICAMENTS CONTENANT CES COMPOSES, LEUR UTILISATION ET LEUR PROCEDE DE PRODUCTION**
[72] MAIER, ROLAND, DE
[72] HURNAUS, RUDOLF, DE
[72] MULLER, PETER, US
[72] ADELGOSS, GEBHARD, DE
[72] MARK, MICHAEL, DE
[72] SCHILCHER, GEBHARD, DE
[72] EISELE, BERNHARD, DE
[71] BOEHRINGER INGELHEIM PHARMA KG, DE
[85] 2000-05-16
[86] 1998-12-08 (PCT/EP98/07962)
[87] 1999-06-17 (WO99/29662)
[30] DE (197 54 795.8) 1997-12-10

[21] **2,310,057**
[13] A1

[51] **Int.Cl. 6B44C 1/22 6H01L 21/302**
[25] EN
[54] **A METHOD FOR MINIMIZING THE CRITICAL DIMENSION GROWTH OF A FEATURE ON A SEMICONDUCTOR WAFER**
[54] **TECHNIQUE PERMETTANT DE REDUIRE AU MAXIMUM LA CROISSANCE DE LA DIMENSION CRITIQUE D'UN ELEMENT SUR UNE TRANCHE DE SEMICONDUCTEUR**
[72] DEORNELLAS, STEPHEN P., US
[72] COFER, ALFERD, US
[72] OLSON, KURT A., US
[72] RAJORA, PARITOSH, US
[72] JERDE, LESLIE G., US
[71] TEGAL CORPORATION, US
[85] 2000-05-16
[86] 1998-11-03 (PCT/US98/23297)
[87] 1999-05-27 (WO99/25568)
[30] US (08/974,089) 1997-11-19

[21] **2,310,058**
[13] A1

[51] **Int.Cl. 6G10H 1/053 6G10H 1/00 6G10H 1/043 6A63F 9/22**
[25] EN
[54] **SOUND GENERATOR AND VIDEO GAME MACHINE EMPLOYING IT**
[54] **GENERATEUR DE SON ET MACHINE DE JEU VIDEO L'UTILISANT**
[72] YAMADA, YOICHI, JP
[72] KIHARA, TSUYOSHI, JP
[72] ONOZUKA, EIJI, JP
[72] MIYAMOTO, SHIGERU, JP
[72] KONDO, KOJI, JP
[72] INAGAKI, YOJI, JP
[71] NINTENDO CO., LTD., JP
[85] 2000-05-16
[86] 1998-11-19 (PCT/JP98/05188)
[87] 1999-06-03 (WO99/27519)
[30] JP (9/338076) 1997-11-20

[21] **2,310,059**
[13] A1

[51] **Int.Cl. 7G03H 1/20 7G11B 7/00 7C03C 4/00**
[25] EN
[54] **APPARATUS, HOLOGRAPHIC PROCESS FOR DUPLICATING OPTICAL AND HOLOGRAPHIC MEMORIES, AND MEMORY COPY OBTAINED THEREOF**
[54] **DISPOSITIF, PROCEDE HOLOGRAPHIQUE DE DUPLICATION DE MEMOIRES HOLOGRAPHIQUES ET OPTIQUES, ET COPIE DE MEMOIRE AINSI OBTENUE**
[72] PAVEL, EUGEN, RO
[71] PAVEL, EUGEN, RO
[85] 2000-05-10
[86] 1999-09-09 (PCT/RO99/00013)
[87] 2000-03-23 (WO00/16169)
[30] US (09/151,136) 1998-09-10

[21] **2,310,060**
[13] A1

[51] **Int.Cl. 6B60P 7/08**
[25] EN
[54] **APPARATUS TO FACILITATE RAIL TRANSIT BY MOTOR VEHICLES**
[54] **APPAREIL POUR FACILITER LE DEPLACEMENT DE VEHICULES A MOTEUR SUR RESEAU FERRE**
[72] SPATA, STEPHEN C., US
[71] SPATA, STEPHEN C., US
[85] 2000-05-15
[86] 1998-11-23 (PCT/US98/25014)
[87] 1999-06-03 (WO99/26807)
[30] US (08/976,743) 1997-11-24

[21] **2,310,061**
[13] A1

[51] **Int.Cl. 6D21H 27/00 6D04H 3/03 6D04H 1/72**
[25] EN
[54] **FIBER DISTRIBUTOR**
[54] **DISTRIBUTEUR DE FIBRES**
[72] ANDERSEN, CARSTEN, DK
[72] ERIKSEN, MARIANNE ETLAR, DK
[71] ANDERSEN, CARSTEN, DK
[71] ERIKSEN, MARIANNE ETLAR, DK
[85] 2000-05-11
[86] 1998-12-23 (PCT/DK98/00581)
[87] 1999-07-22 (WO99/36623)
[30] DK (1520/97) 1997-12-23

[21] **2,310,062**
[13] A1

[51] **Int.Cl. 6F04D 13/10 6F04D 31/00 6F04D 1/06**
[25] EN
[54] **STAGE IN A SUBMERGED MULTIPLE-STAGE PUMP**
[54] **ETAGE DE POMPE IMMERGEE A PLUSIEURS ETAGES**
[72] GUSIN, NIKOLAI VASILIEVICH, RU
[72] SEMENOV, JURY LVOVICH, RU
[72] VYDRINA, IRINA VASILIEVNA, RU
[72] AGEEV, SHARIFZHAN RAKHIMOVICH, RU
[72] DOROGOKUPETS, GENNADY LEONIDOVICH, RU
[72] MELNIKOV, MIKHAIL JURIEVICH, RU
[72] TRYASTSYN, IGOR PAVLOVICH, RU
[72] MELNIKOV, DENIS JURIEVICH, RU
[72] TREGUBOV, GRIGORY SAMARIEVICH, RU
[72] IVANOV, OLEG EVGENIEVICH, RU
[72] PERELMAN, OLEG MIKHAILOVICH, RU
[72] KUPRIN, PAVEL BORISOVICH, RU
[72] RABINOVICH, ALEXANDR ISAAKOVICH, RU
[72] SHTENNIKOVA, GALINA ALEXANDROVNA, RU
[71] ZAKRYTOE AKTSIONERNOE OBSHESTVO "NOVOMET-PERM", RU
[85] 2000-05-16
[86] 1998-11-24 (PCT/RU98/00396)
[87] 1999-06-03 (WO99/27257)
[30] RU (97120198) 1997-11-11

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[21] **2,310,063**
[13] A1

[51] **Int.Cl. 6G05G 1/26 6A47B 21/00 6A47B 97/00 6B43L 15/00**
[25] EN
[54] **WRIST SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT POUR LE POIGNET**
[72] COOKE, MICHAEL CHARLES, AU
[71] COOKE, MICHAEL CHARLES, AU
[85] 2000-05-10
[86] 1998-11-11 (PCT/AU98/00938)
[87] 1999-05-20 (WO99/24888)
[30] AU (PP 0294) 1997-11-11

[21] **2,310,064**
[13] A1

[51] **Int.Cl. 6H01R 13/514 6H01R 23/00**
[25] EN
[54] **SUPPORT FOR AN ELECTRICAL CONTACT ARRANGEMENT**
[54] **SUPPORT POUR UN SYSTEME DE CONTACT**
[72] NAD, FERENC, DE
[72] MOBNER, FRANK, DE
[71] KRONE GMBH, DE
[85] 2000-05-16
[86] 1999-01-21 (PCT/EP99/00387)
[87] 1999-08-05 (WO99/39404)
[30] DE (198 03 075.4) 1998-01-28

[21] **2,310,065**
[13] A1

[51] **Int.Cl. 6C01B 31/02**
[25] EN
[54] **CONTROLLED SYNTHESIS AND METAL-FILLING OF ALIGNED CARBON NANOTUBES**
[54] **SYNTHESE CONTROLEE ET REMPLISSAGE DE NANOTUBES DE CARBONE ALIGNES AVEC DES METAUX**
[72] MOSKOVITS, MARTIN, CA
[72] LI, JING, CA
[72] HASLETT, THOMAS L., CA
[71] MOSKOVITS, MARTIN, CA
[71] LI, JING, CA
[71] HASLETT, THOMAS L., CA
[85] 2000-05-15
[86] 1998-11-18 (PCT/CA98/01069)
[87] 1999-05-27 (WO99/25652)
[30] US (60/065,692) 1997-11-18

[21] **2,310,066**
[13] A1

[51] **Int.Cl. 6A61M 15/08**
[25] EN
[54] **NOSE SPRAYER**
[54] **PULVERISATEUR NASAL**
[72] ALLEARD, JEAN-PIERRE, FR
[72] LEULIET, DAVID, FR
[72] BOUGAMONT, JEAN-LOUIS, FR
[71] REXAM SOFAB, FR
[85] 2000-05-16
[86] 1998-11-16 (PCT/FR98/02434)
[87] 1999-05-27 (WO99/25408)
[30] FR (97/14355) 1997-11-17

[21] **2,310,067**
[13] A1

[51] **Int.Cl. 6B23Q 15/00 6G05B 19/4093**
[25] EN
[54] **MACHINING APPARATUS**
[54] **APPAREIL D'USINAGE**
[72] YOSHIDA, JUN, JP
[72] INOUE, SHINICHI, JP
[72] KAWANA, AKIRA, JP
[72] HISAKI, TATSUYA, JP
[71] MAKINO MILLING MACHINE CO., LTD., JP
[85] 2000-05-10
[86] 1999-08-17 (PCT/JP99/04418)
[87] 2000-03-23 (WO00/15385)
[30] JP (10-260519) 1998-09-14

[21] **2,310,068**
[13] A1

[51] **Int.Cl. 6D21G 1/00 6G01H 1/00**
[25] EN
[54] **METHOD FOR DETECTING CONTAMINATION AND/OR DAMAGING OF A FACE THAT RUNS THROUGH A NIP OR NIPS IN A CALENDER FOR PAPER**
[54] **PROCEDE DE DETECTION D'IMPURETES ET/OU D'ENDOMMAGEMENT D'UNE FACE PASSANT A TRAVERS UNE LIGNE DE CONTACT OU DES LIGNES DE CONTACT DANS UNE CALANDRE POUR PAPIER**
[72] KARJALAINEN, ARTO, FI
[72] SUOMI, EERO, FI
[72] MAENPAA, TAPIO, FI
[71] VALMET CORPORATION, FI
[85] 2000-05-16
[86] 1998-11-03 (PCT/FI98/00850)
[87] 1999-05-27 (WO99/25921)
[30] FI (974255) 1997-11-17

[21] **2,310,069**
[13] A1

[51] **Int.Cl. 6A61K 45/06**
[25] EN
[54] **COMBINATION OF AN ALDOSE REDUCTASE INHIBITOR AND A GLYCOGEN PHOSPHORYLASE INHIBITOR**
[54] **COMBINAISON D'UN INHIBITEUR DE REDUCTASE D'ALDOSE ET D'UN INHIBITEUR DE PHOSPHORYLASE DE GLYCOGENE**
[72] TREADWAY, JUDITH LEE, US
[72] HOOVER, DENNIS JAY, US
[72] MYLARI, BANAVARA LAKSHMAN, US
[72] HULIN, BERNARD, US
[71] PFIZER PRODUCTS INC., US
[85] 2000-05-15
[86] 1998-11-02 (PCT/IB98/01752)
[87] 1999-06-03 (WO99/26659)
[30] US (60/066,365) 1997-11-21

[21] **2,310,070**
[13] A1

[51] **Int.Cl. 6A61L 27/00**
[25] EN
[54] **BIODEGRADABLE POLYMER SCAFFOLD**
[54] **SQUELETTE DE POLYMERE BIODEGRADABLE**
[72] HOLY, CHANTAL E., CA
[72] SHOICHET, MOLLY S., CA
[72] DAVIES, JOHN E., CA
[71] BONETEC CORPORATION, CA
[85] 2000-05-10
[86] 1998-11-13 (PCT/CA98/01052)
[87] 1999-05-27 (WO99/25391)
[30] CA (2,221,195) 1997-11-14

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|--|---|---|
| <p style="text-align: right;">[21] 2,310,071 [13] A1</p> <p>[51] Int.Cl. 6G21B 1/00 [25] EN [54] INERTIAL ELECTROSTATIC CONFINEMENT (IEC) FUSION DEVICE WITH GATE-VALVE PULSING [54] DISPOSITIF DE FUSION PAR CONFINEMENT INERTIEL ELECTROSTATIQUE (IEC) A CLAPET OBTURATEUR A EMISSION D'IMPULSIONS [72] WILLIAMS, MICHAEL J., US [72] JURCZYK, BRIAN E., US [72] MILEY, GEORGE H., US [72] GU, YIBIN, US [72] STUBBERS, ROBERT A., US [71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US [85] 2000-05-11 [86] 1998-11-12 (PCT/US98/24034) [87] 1999-05-20 (WO99/24990) [30] US (60/064,801) 1997-11-12</p> | <p style="text-align: right;">[21] 2,310,075 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/60 [25] EN [54] DOCUMENT CONTROL AND TRANSMISSION SYSTEM [54] SYSTEME DE COMMANDE ET DE TRANSMISSION DE DOCUMENTS [72] FROESSL, HORST, DE [71] FROESSL, HORST, DE [85] 2000-05-16 [86] 1998-11-18 (PCT/EP98/07408) [87] 1999-06-03 (WO99/27467) [30] US (60/066,356) 1997-11-21</p> | <p style="text-align: right;">[21] 2,310,078 [13] A1</p> <p>[51] Int.Cl. 6G01N 15/12 [25] FR [54] DISPOSITIF AUTOMATIQUE COMPTEUR ANALYSEUR D'HEMATOLOGIE [54] AUTOMATIC HEMATOLOGIC COUNTING AND ANALYSING DEVICE [72] MELET, FRANCOIS, FR [71] MELET, FRANCOIS, FR [85] 2000-05-10 [86] 1998-11-16 (PCT/FR98/02440) [87] 1999-05-27 (WO99/26056) [30] FR (97/14520) 1997-11-19</p> |
| <p style="text-align: right;">[21] 2,310,072 [13] A1</p> <p>[51] Int.Cl. 6C07D 487/04 6C07D 487/14 6A61K 31/495 [25] EN [54] FUSED PYRAZINE COMPOUNDS [54] COMPOSES DE PYRAZINE CONDENSES [72] SATO, KIYOYUKI, JP [72] OHNO, HIROYUKI, JP [72] KOBAYASHI, KAORU, JP [72] TATSUMI, TADASHI, JP [71] ONO PHARMACEUTICAL CO., LTD., JP [85] 2000-05-09 [86] 1998-10-30 (PCT/JP98/04931) [87] 1999-05-20 (WO99/24434) [30] JP (9-323945) 1997-11-11</p> | <p style="text-align: right;">[21] 2,310,076 [13] A1</p> <p>[51] Int.Cl. 6H02P 9/44 [25] EN [54] APPARATUS FOR RESONANT EXCITATION OF HIGH FREQUENCY ALTERNATOR FIELD [54] APPAREIL D'EXCITATION EN RESONANCE DU CHAMP D'UN ALTERNATEUR A HAUTE FREQUENCE [72] TUPPER, CHRISTOPHER N., US [71] TUPPER, CHRISTOPHER N., US [85] 2000-05-16 [86] 1998-12-22 (PCT/US98/27771) [87] 1999-07-08 (WO99/34503) [30] US (09/002,121) 1997-12-31</p> | <p style="text-align: right;">[21] 2,310,079 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/63 [25] EN [54] SUICIDE EXPRESSION VECTOR FOR VACCINE STRAINS [54] VECTEUR D'EXPRESSION SUICIDE POUR SOUCHES DE VACCIN [72] BRADLEY, MARK P., AU [72] SEYMOUR, ROBERT B., AU [72] BRAHMBHATT, HIMANSHU N., AU [72] BIRD, PETER H., AU [71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU [71] AGRICULTURE PROTECTION BOARD OF WESTERN AUSTRALIA, AU [71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU [71] DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT, AU [85] 2000-05-05 [86] 1998-11-06 (PCT/AU98/00930) [87] 1999-05-20 (WO99/24590) [30] AU (PP 0215) 1997-11-06</p> |
| <p style="text-align: right;">[21] 2,310,074 [13] A1</p> <p>[51] Int.Cl. 6E06B 9/42 6E06B 9/262 6E06B 9/322 [25] EN [54] RELEASE BRAKE FOR ROLLER SHADES AND OTHER WINDOW COVERINGS [54] FREIN A DEBLOCAGE POUR STORES ET AUTRES COUVRE-FENETRES [72] JUDKINS, REN, US [71] JUDKINS, REN, US [85] 2000-05-16 [86] 1998-08-10 (PCT/US98/16336) [87] 1999-05-27 (WO99/25946) [30] US (08/972,275) 1997-11-18</p> | <p style="text-align: right;">[21] 2,310,077 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/68 6C07H 21/04 [25] EN [54] DE NOVO OR "UNIVERSAL" SEQUENCING ARRAY [54] MATRICE DE SEQUENCAGE DE NOVO OU "UNIVERSELLE" [72] HEAD, STEVEN R., US [72] GOELET, PHILLIP, US [72] BOYCE-JACINO, MICHAEL, US [72] KARN, JONATHAN, US [71] ORCHID BIOSCIENCES, INC., US [85] 2000-05-23 [86] 1998-11-20 (PCT/US98/24966) [87] 1999-06-03 (WO99/27137) [30] US (08/976,427) 1997-11-21</p> | |

Demandes PCT entrant en phase nationale

[21] **2,310,080**
[13] A1

[51] **Int.Cl. 6G11C 16/04 6G06F 7/00 6G06F 12/00**
[25] EN
[54] **PROGRAMMABLE ACCESS PROTECTION IN A FLASH MEMORY DEVICE**
[54] **PROTECTION PROGRAMMABLE D'UN ACCES D'UN DISPOSITIF MEMOIRE**
[72] CROMER, DARYL C., US
[72] PRUETT, GREGORY, US
[72] STEINMETZ, MICHAEL J., US
[72] WARD, JAMES P., US
[72] MALETSKY, KERRY D., US
[71] ATMEL CORPORATION, US
[85] 2000-05-12
[86] 1998-11-04 (PCT/US98/23525)
[87] 1999-05-27 (WO99/26253)
[30] US (08/971,117) 1997-11-14

[21] **2,310,081**
[13] A1

[51] **Int.Cl. 6H02K 1/24 6H02K 19/22**
[25] EN
[54] **LOW-LOSS MAGNETIC CORE FOR HIGH FREQUENCY CLAW-POLE-TYPE ALTERNATOR**
[54] **NOYAU MAGNETIQUE A FAIBLES PERTES POUR ALTERNATEUR HAUTE FREQUENCE DU TYPE A GRIFFES**
[72] TUPPER, CHRISTOPHER N., US
[71] TUPPER, CHRISTOPHER N., US
[85] 2000-05-16
[86] 1998-12-22 (PCT/US98/27490)
[87] 1999-07-08 (WO99/34497)
[30] US (09/002,299) 1997-12-31

[21] **2,310,082**
[13] A1

[51] **Int.Cl. 6F21S 1/02 6F21V 33/00 6F21V 25/04 6F21V 21/22**
[25] EN
[54] **LIGHT FIXTURE APPARATUS WITH AUXILIARY LIGHT**
[54] **LUMINAIRE AVEC LAMPE AUXILIAIRE**
[72] AMBACH, DOUGLAS C., US
[72] GALLANT, DENNIS J., US
[71] HILL-ROM, INC., US
[85] 2000-05-12
[86] 1998-11-12 (PCT/US98/24112)
[87] 1999-05-27 (WO99/26017)
[30] US (60/065,695) 1997-11-14

[21] **2,310,083**
[13] A1

[51] **Int.Cl. 6B65H 18/28 6B65H 18/10**
[25] EN
[54] **MULTIPLE CUT TO CORE TAPE ROLL**
[54] **ROULEAU DE RUBAN-CACHE A DECOUPES MULTIPLES PENETRANT JUSQU'AU MANDRIN DUDIT ROULEAU**
[72] AGER, RONALD H., CA
[72] PULS, DANIEL M., US
[72] VOGLER, GERALD L., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-05-12
[86] 1998-02-12 (PCT/US98/02599)
[87] 1999-05-27 (WO99/25632)
[30] US (08/970,638) 1997-11-14

[21] **2,310,084**
[13] A1

[51] **Int.Cl. 6H04Q 7/36**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING BEAM SEARCHING IN A RADIO COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE RECHERCHE DE FAISCEAUX DANS UN SYSTEME DE RADIOCOMMUNICATIONS**
[72] CHENNAKESHU, SANDEEP, US
[72] BOTTOMLEY, GREGORY E., US
[72] MOLNAR, KARL J., US
[71] ERICSSON, INC., US
[85] 2000-05-16
[86] 1998-10-22 (PCT/US98/22244)
[87] 1999-05-27 (WO99/26440)
[30] US (08/971,341) 1997-11-17

[21] **2,310,085**
[13] A1

[51] **Int.Cl. 6C08G 69/14 6C08G 69/46**
[25] EN
[54] **POLYAMIDE PRODUCTION PROCESS**
[54] **PROCEDE POUR LA PRODUCTION DE POLYAMIDES**
[72] SAUER, THOMAS, DE
[72] HUNGER, HANS-HARALD, DE
[72] WILMS, AXEL, DE
[72] NEUBERG, RAINER, DE
[72] LUDWIG, ALFONS, DE
[72] PIPPER, GUNTER, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2000-05-15
[86] 1998-11-24 (PCT/EP98/07579)
[87] 1999-06-03 (WO99/26997)
[30] DE (19752181.9) 1997-11-25

[21] **2,310,086**
[13] A1

[51] **Int.Cl. 6C10M 161/00**
[25] EN
[54] **WEAR CONTROL WITH DISPERSANTS EMPLOYING POLY ALPHA-OLEFIN POLYMERS**
[54] **CONTROLE D'USURE AVEC DES DISPERSANTS UTILISANT DES POLYMERES POLY ALFA-OLEFINES**
[72] BIDWELL, THOMAS R., US
[72] BOFFA, ALEXANDER B., US
[71] EXXON CHEMICAL PATENTS INC., US
[85] 2000-05-11
[86] 1998-10-20 (PCT/US98/22094)
[87] 1999-05-20 (WO99/24532)
[30] US (08/968,036) 1997-11-12

[21] **2,310,087**
[13] A1

[51] **Int.Cl. 6C07D 231/18 6C07D 231/16 6A01N 43/56**
[25] EN
[54] **BENZYLIDENE PYRAZOLONES AND USE AS HERBICIDE**
[54] **PYRAZOLONES DE BENZYLIDENE, LEUR PREPARATION ET LEUR UTILISATION**
[72] VON DEYN, WOLFGANG, DE
[72] OTTEN, MARTINA, DE
[72] HILL, REGINA LUISE, DE
[72] MISSLITZ, ULF, DE
[72] WALTER, HELMUT, DE
[72] WITSCHEL, MATTHIAS, DE
[72] WAGNER, OLIVER, DE
[72] WESTPHALEN, KARL-OTTO, DE
[72] BAUMANN, ERNST, DE
[72] MAYER, GUIDO, DE
[72] ENGEL, STEFAN, DE
[72] RHEIHEIMER, JOACHIM, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2000-05-15
[86] 1998-11-06 (PCT/EP98/07099)
[87] 1999-06-03 (WO99/26930)
[30] DE (19751722.6) 1997-11-21

PCT Applications Entering the National Phase

[21] **2,310,088**
[13] A1

[51] **Int.Cl. 6A61F 11/00**
[25] EN
[54] **MULTI-SHEATH DELIVERY CATHETER**
[54] **CATHETHER RECEPTEUR DOUBLE GAINÉ**
[72] CHRISTIE, ROBERT A., US
[72] OCCIDENTALE, FRANK A., US
[72] YEE, CARL E., US
[72] ROBERTS, GEORGE T., US
[71] BOSTON SCIENTIFIC CORPORATION, BB
[85] 2000-05-12
[86] 1998-11-12 (PCT/US98/24181)
[87] 1999-05-27 (WO99/25280)
[30] US (08/970,541) 1997-11-14

[21] **2,310,089**
[13] A1

[51] **Int.Cl. 6B29C 45/16 6G01B 7/04 6A61F 2/52**
[25] EN
[54] **DESIGNING AND MANUFACTURING A CUSTOM BREAST PROSTHESIS**
[54] **CONCEPTION ET FABRICATION D'UNE PROTHESE DE SEIN PERSONNALISEE**
[72] FLINT, STEPHEN CARLYLE, US
[72] LITMAN, JENNIFER KAY, US
[72] HODGKINS, DIANE TARYN-LEIGH, US
[72] HALLEY, ROBERT JAMES, US
[71] COLOPLAST CORPORATION, US
[85] 2000-05-12
[86] 1998-11-13 (PCT/US98/24353)
[87] 1999-05-27 (WO99/25536)
[30] US (60/065,245) 1997-11-13

[21] **2,310,090**
[13] A1

[51] **Int.Cl. 6F16K 15/00 6A01K 9/00 6A61J 11/02 6B65D 23/04 6A61J 9/04 6F16K 24/06 6B65D 47/32**
[25] EN
[54] **CHECK VALVE FOR VENTING AN ENCLOSURE USING SURFACE TENSION BETWEEN DIFFERENT FLUIDS**
[54] **CLAPET DE NON-RETOUR POUR AERATION D'UN RECIPIENT UTILISANT UNE TENSION SUPERFICIELLE ENTRE DIFFERENTS FLUIDES**
[72] KIEHNE, MARK WILLIAM, AU
[71] INJECTAIR PTY LTD., AU
[85] 2000-05-12
[86] 1998-11-13 (PCT/AU98/00943)
[87] 1999-05-27 (WO99/26001)
[30] AU (PP0360) 1997-11-13
[30] AU (PP0970) 1997-12-17
[30] AU (PP1340) 1998-01-15
[30] AU (PP2441) 1998-03-18
[30] AU (PP4044) 1998-10-06
[30] AU (PP4525) 1998-07-07

[21] **2,310,091**
[13] A1

[51] **Int.Cl. 6A61N 5/00**
[25] EN
[54] **DEVICE FOR INTRAVASCULAR DELIVERY OF BETA EMITTING ISOTOPES**
[54] **DISPOSITIF POUR L'ADMINISTRATION INTRAVASCULAIRE D'ISOTOPES EMETTEURS BETA**
[72] BROWN, CHARLES L., III, US
[71] GLOBAL VASCULAR CONCEPTS, INC., US
[85] 2000-05-05
[86] 1998-11-06 (PCT/US98/23675)
[87] 1999-05-20 (WO99/24117)
[30] US (60/064,611) 1997-11-07
[30] US (60/080,052) 1998-03-31
[30] US (60/087,202) 1998-05-29

[21] **2,310,092**
[13] A1

[51] **Int.Cl. 6H04B 3/46 6H04N 17/00**
[25] EN
[54] **METHOD AND SYSTEM FOR TESTING A TRANSMISSION LINE IN A NON-ADDRESSABLE NETWORK FOR CONTINUITY**
[54] **PROCEDE ET SYSTEME DE TEST DE CONTINUTE D'UNE LIGNE DE TRANSMISSION DANS UN RESEAU NON ADRESSABLE**
[72] ESTES, DANIEL L., US
[71] BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, US
[85] 2000-05-12
[86] 1998-11-03 (PCT/US98/23399)
[87] 1999-05-27 (WO99/26356)
[30] US (08/969,381) 1997-11-13

[21] **2,310,093**
[13] A1

[51] **Int.Cl. 6B62D 21/09 6B21D 51/10 6B23K 11/14**
[25] EN
[54] **PROJECTION WELDED PANEL SPACER AND METHOD OF MAKING THE SAME**
[54] **ELEMENT D'ESPACEMENT POUR PANNEAU SOUDE ET A PROTUBERANCES ET PROCEDE DE FABRICATION**
[72] GASS, BRUNO, CA
[71] COSMA INTERNATIONAL INC., CA
[85] 2000-05-10
[86] 1998-11-12 (PCT/CA98/01050)
[87] 1999-05-27 (WO99/25599)
[30] US (60/066,105) 1997-11-17

Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] 2,310,094 [13] A1</p> <p>[51] Int.Cl. 6A61F 13/15 [25] EN [54] SYSTEM OF HIGHLY EFFICIENT ABSORBENT ARTICLE AND UNDERGARMENT FOR SUPPORTING THE SAME [54] SYSTEME D'ARTICLE ABSORBANT TRES EFFICACE ET SOUS-VETEMENT DE SUPPORT DE CET ARTICLE [72] CARSTENS, JERRY EDWARD, US [72] SCHMITZ, DEBORAH CATHERINE, US [72] REDWINE, NONA JANE, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-05-12 [86] 1998-11-09 (PCT/US98/23757) [87] 1999-05-27 (WO99/25289) [30] US (60/065,240) 1997-11-13 [30] US (60/065,294) 1997-11-13</p> | <p style="text-align: right;">[21] 2,310,096 [13] A1</p> <p>[51] Int.Cl. 6B01D 3/00 [25] FR [54] DISTRIBUTEUR DE LIQUIDE POUR COLONNE DE DISTILLATION, ET COLONNE DE DISTILLATION CORRESPONDANTE [54] LIQUID DISPENSER FOR DISTILLING COLUMN, AND CORRESPONDING DISTILLING COLUMN [72] LEHMAN, JEAN-YVES, FR [72] DARREDEAU, BERNARD, FR [71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR [85] 2000-05-10 [86] 1998-11-09 (PCT/FR98/02390) [87] 1999-05-27 (WO99/25447) [30] FR (97 14 382) 1997-11-17</p> | <p style="text-align: right;">[21] 2,310,100 [13] A1</p> <p>[51] Int.Cl. 6F16D 3/84 6F16J 3/04 [25] FR [54] SOUFFLET PROTECTEUR POUR JOINT ARTICULE D'ARBRE DE TRANSMISSION [54] PROTECTIVE BELLOW FOR DRIVE SHAFT ARTICULATED JOINT [72] LAGIER, BERNARD, FR [72] MERSCH, PATRICK, FR [71] YAMAJANY (SARL), FR [85] 2000-05-11 [86] 1998-11-10 (PCT/FR98/02396) [87] 1999-05-20 (WO99/24729) [30] FR (97/14399) 1997-11-12</p> |
| <p style="text-align: right;">[21] 2,310,095 [13] A1</p> <p>[51] Int.Cl. 6C07D 209/42 6A61K 31/34 6A61K 31/40 6C07D 307/84 [25] EN [54] METHOD OF SYNTHESIS OF PYRROLE AMIDES [54] PROCEDE DE SYNTHESE D'AMIDES DE PYRROL [72] EISENBEIS, SHANE ALLEN, US [72] CLIFFORD, PAMELA JANE, US [72] RAGAN, JOHN ANTHONY, US [72] AM ENDE, DAVID JOHN, US [72] YOUNG, GREGORY RANDALL, US [72] QUALLICH, GEORGE JOSEPH, US [72] MAKOWSKI, TERESA WOODALL, US [72] CONRAD, ALYSON KAY, US [72] ALLEN, DOUGLAS JOHN MELDRUM, US [71] PFIZER PRODUCTS INC., US [85] 2000-05-12 [86] 1998-10-21 (PCT/IB98/01672) [87] 1999-05-27 (WO99/25684) [30] US (60/065,422) 1997-11-13 [30] US (60/074,266) 1998-02-10</p> | <p style="text-align: right;">[21] 2,310,098 [13] A1</p> <p>[51] Int.Cl. 6B01J 19/32 [25] FR [54] BANDE ONDULEE POUR GARNISSAGE ONDULEE ET SON APPLICATION A DES COLONNES DE DISTILLATION EMBARQUEES [54] CORRUGATED STRIP FOR CROSS-CORRUGATED LINING AND APPLICATION IN ONBOARD DISTILLING COLUMNS [72] LEHMAN, JEAN-YVES, FR [72] WERLEN, ETIENNE, FR [71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR [85] 2000-05-10 [86] 1998-11-09 (PCT/FR98/02389) [87] 1999-05-27 (WO99/25472) [30] FR (97 14 381) 1997-11-17</p> | <p style="text-align: right;">[21] 2,310,101 [13] A1</p> <p>[51] Int.Cl. 6A61F 13/72 6A61F 13/15 [25] EN [54] NON-UNITARY ABSORBENT ARTICLES [54] ARTICLES ABSORBANTS A PLUSIEURS PIECES [72] THURNAY, EVA SUSANNE, DE [72] BLANCO, RAMOS AUGUSTIN, DE [72] WILLMS, ERIC JOACHIM, DE [72] SCHMITT, ACHIM, DE [72] MICCIO, SILVIO, DE [72] WOSCHNIK, THOMAS, DE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-05-12 [86] 1997-11-13 (PCT/US97/20791) [87] 1999-05-27 (WO99/25300)</p> |
| <p style="text-align: right;">[21] 2,310,099 [13] A1</p> <p>[51] Int.Cl. 6G06F 12/08 6G06F 3/06 [25] EN [54] COMPUTER SYSTEM TRANSPARENT DATA MIGRATION [54] SYSTEME TRANSPARENT DE TRANSFERT DE DONNEES DANS UN SYSTEME INFORMATIQUE [72] ATKIN, CAREY P., US [71] AMDAHL CORPORATION, US [85] 2000-05-12 [86] 1998-11-13 (PCT/US98/24187) [87] 1999-05-27 (WO99/26143) [30] US (08/971,473) 1997-11-14</p> | <p style="text-align: right;">[21] 2,310,102 [13] A1</p> <p>[51] Int.Cl. 7C07D 307/12 [25] EN [54] SYNTHESES OF 5,5'-DIFORMYL-2-2'DIFURAN AND DERIVATIVES THEREOF [54] SYNTHESES DU 5,5'-DIFORMYL-2-2' DIFURANE ET DERIVES CORRESPONDANTS [72] WILLS, ALAN DOUGLAS, ZA [72] BURGER, GREGORY JAMES, ZA [71] ILLOVA SUGAR LIMITED, ZA [85] 2000-05-15 [86] 1999-09-15 (PCT/ZA99/00087) [87] 2000-03-23 (WO00/15623) [30] ZA (98/8414) 1998-09-15</p> | <p style="text-align: right;">[21] 2,310,102 [13] A1</p> <p>[51] Int.Cl. 7C07D 307/12 [25] EN [54] SYNTHESES OF 5,5'-DIFORMYL-2-2'DIFURAN AND DERIVATIVES THEREOF [54] SYNTHESES DU 5,5'-DIFORMYL-2-2' DIFURANE ET DERIVES CORRESPONDANTS [72] WILLS, ALAN DOUGLAS, ZA [72] BURGER, GREGORY JAMES, ZA [71] ILLOVA SUGAR LIMITED, ZA [85] 2000-05-15 [86] 1999-09-15 (PCT/ZA99/00087) [87] 2000-03-23 (WO00/15623) [30] ZA (98/8414) 1998-09-15</p> |

PCT Applications Entering the National Phase

[21] **2,310,103**
[13] A1

[51] **Int.Cl. 6F16F 9/46**
[25] EN
[54] **SHOCK ABSORBER WITH VARIABLE BYPASS DAMPING**
[54] **AMORTISSEUR A OMISSION VARIABLE DE LA FONCTION D'AMORTISSEMENT**
[72] JONES, EDWARD C., US
[72] GIRVIN, ROBERT H., US
[71] K2 BIKE, INC., US
[85] 2000-05-12
[86] 1998-11-13 (PCT/US98/24312)
[87] 1999-05-27 (WO99/25989)
[30] US (08/970,820) 1997-11-14
[30] US (09/152,137) 1998-09-09

[21] **2,310,105**
[13] A1

[51] **Int.Cl. 6A23C 9/12 6C12N 1/00 6C12N 1/12 6C12N 1/20**
[25] EN
[54] **METHOD FOR PREPARING DAIRY STARTER CULTURES**
[54] **PROCEDE SERVANT A PREPARER DES CULTURES D'ENSEMENCEMENT DE DEPART DE PRODUITS LAITIERS**
[72] SCHLEEF, NICOLE M., US
[72] SING, WESLEY D., US
[72] HESS, STEVEN J., US
[71] VIVolac CULTURES CORPORATION, US
[85] 2000-05-15
[86] 1998-11-17 (PCT/US98/24401)
[87] 1999-05-27 (WO99/25201)
[30] US (08/971,527) 1997-11-17

[21] **2,310,106**
[13] A1

[51] **Int.Cl. 6G06K 19/06**
[25] FR
[54] **PROCEDE D'IDENTIFICATION D'UNE IMAGE OU D'UN DOCUMENT**
[54] **METHOD FOR IDENTIFYING AN IMAGE OR A DOCUMENT**
[72] RIVAILLER, JACQUES, FR
[72] SALOMON, GEORGES, FR
[71] ECO-SYS INTERNATIONAL S.A., FR
[85] 2000-05-12
[86] 1998-10-22 (PCT/FR98/02259)
[87] 1999-05-27 (WO99/26196)
[30] FR (97/14512) 1997-11-19

[21] **2,310,107**
[13] A1

[51] **Int.Cl. 6A47C 23/053 6A47C 23/055**
[25] EN
[54] **SPRING MATTRESS**
[54] **MATELAS A RESSORTS**
[72] STJERNA, NILSERIC, SE
[71] STJERNFJÄDRAR AB, SE
[85] 2000-05-15
[86] 1998-12-11 (PCT/SE98/02283)
[87] 1999-07-15 (WO99/34711)
[30] SE (9704745-0) 1997-12-19

[21] **2,310,108**
[13] A1

[51] **Int.Cl. 6B60C 15/00 6B60C 15/02 6B60C 15/024 6B60C 3/04**
[25] FR
[54] **BOURRELET SANS TRINGLE POUR PNEUMATIQUE**
[54] **TYRE BEAD WITHOUT BEAD CORE**
[72] DURIF, PIERRE, FR
[72] BILLIERES, JEAN, FR
[71] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR
[85] 2000-05-12
[86] 1998-10-28 (PCT/EP98/06832)
[87] 1999-05-27 (WO99/25572)
[30] EP (97/14409) 1997-11-14

[21] **2,310,109**
[13] A1

[51] **Int.Cl. 6G06K 17/00 6A22B 5/00**
[25] FR
[54] **PROCEDE POUR ASSURER LA TRACABILITE D'ELEMENTS SUCCESSIFS D'UNE SERIE DE TRANSFORMATIONS ET APPLICATIONS DE CE PROCEDE**
[54] **METHOD FOR ENSURING THE TRACEABILITY OF SUCCESSIVE ELEMENTS OF A SERIES OF TRANSFORMATIONS AND APPLICATIONS THEREOF**
[72] SALOMON, GEORGES, FR
[72] RIVAILLER, JACQUES, FR
[71] ECO-SYS INTERNATIONAL S.A., FR
[85] 2000-05-12
[86] 1998-10-22 (PCT/FR98/02258)
[87] 1999-05-27 (WO99/26194)
[30] FR (97/14514) 1997-11-19

[21] **2,310,110**
[13] A1

[51] **Int.Cl. 7F16C 35/063**
[25] FR
[54] **AGENCEMENT DE RETENUE D'UN PALIER, NOTAMMENT POUR UN ARBRE DE COMPRESSEUR A HAUTE PRESSION**
[54] **RETAINING ARRANGEMENT FOR A BEARING, IN PARTICULAR FOR A HIGH PRESSURE COMPRESSOR SHAFT**
[72] BERTRAND, JEAN-LOUIS, FR
[72] ADDE, DANIELLE, FR
[72] LAVIGNE, GERARD JEAN, FR
[72] LEFEBVRE, OLIVIER RICHARD, FR
[71] SOCIÉTÉ NATIONALE D'ÉTUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNEC, FR
[85] 2000-05-15
[86] 1999-09-16 (PCT/FR99/02204)
[87] 2000-03-30 (WO00/17533)
[30] FR (98/11604) 1998-09-17

[21] **2,310,113**
[13] A1

[51] **Int.Cl. 6F42D 3/00**
[25] FR
[54] **PROCEDE DE DECLENCHEMENT ARTIFICIEL D'UNE AVALANCHE ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE**
[54] **METHOD FOR ARTIFICIALLY PROVOKING AN AVALANCHE AND DEVICE FOR IMPLEMENTING SAME**
[72] BERLANDIS, JEAN-PIERRE, FR
[72] TAILLANDIER, JEAN-MICHEL, FR
[72] EYBERT-BERARD, ANDRE, FR
[71] CENTRE NATIONAL DU MACHINISME AGRICOLE ET DU GENIE RURAL DES EAUX ET FOR, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[85] 2000-05-15
[86] 1998-11-16 (PCT/FR98/02441)
[87] 1999-05-27 (WO99/26039)
[30] FR (97/14366) 1997-11-17

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[21] **2,310,115**
[13] A1
[51] **Int.Cl. 6D06F 75/12 6D06F 75/22**
[25] FR
[54] **APPAREIL ET PROCEDE DE REPASSAGE AVEC GENERATION DE VAPEUR**
[54] **IRONING APPARATUS AND METHOD WITH STEAM GENERATION**
[72] DEBOURG, JEAN PIERRE, FR
[72] GELUS, DOMINIQUE, FR
[72] ROSELL-LACLAU, ELIETTE, FR
[71] SEB S.A., FR
[85] 2000-05-15
[86] 1998-11-19 (PCT/FR98/02466)
[87] 1999-05-27 (WO99/25915)
[30] FR (97/14743) 1997-11-19

[21] **2,310,116**
[13] A1
[51] **Int.Cl. 6B65D 47/18**
[25] FR
[54] **DISPOSITIF DE CONDITIONNEMENT POUR LIQUIDE A DISTRIBUER GOUTTE A GOUTTE**
[54] **DEVICE FOR PACKAGING A LIQUID TO BE DISPENSED DROP BY DROP**
[72] FAURIE, MICHEL, FR
[72] DEFEMME, ALAIN, FR
[72] CHIBRET, HENRI, FR
[72] COQUEL, THIERRY, FR
[72] LUYCKX, JACQUES, FR
[71] TRANSPHYTO S.A., FR
[85] 2000-05-01
[86] 1998-11-04 (PCT/FR98/02353)
[87] 1999-05-14 (WO99/23006)
[30] FR (97/13863) 1997-11-04

[21] **2,310,119**
[13] A1
[51] **Int.Cl. 7C03C 13/06**
[25] FR
[54] **COMPOSITION DE LAINE MINERALE**
[54] **MINERAL WOOL COMPOSITION**
[72] BERNARD, JEAN-LUC, FR
[72] VIGNESOULT, SERGE, FR
[72] LAFON, FABRICE, FR
[71] ISOVER SAINT-GOBAIN, FR
[85] 2000-05-15
[86] 1999-09-16 (PCT/FR99/02205)
[87] 2000-03-30 (WO00/17117)
[30] FR (98/11607) 1998-09-17

[21] **2,310,120**
[13] A1
[51] **Int.Cl. 7C01B 17/04 7B01J 27/224 7B01J 23/85**
[25] FR
[54] **PROCEDE POUR OXYDER DIRECTEMENT EN SOUFRE, PAR VOIE CATALYTIQUE ET EN PHASE VAPEUR, L'H2S CONTENU A FAIBLE TENEUR DANS UN GAZ**
[54] **METHOD FOR DIRECT OXIDATION IN SULPHUR, BY CATALYTIC PROCESS AND IN VAPOUR PHASE, OF LOW CONTENT H2S IN A GAS**
[72] CROUZET, CLAUDE, FR
[72] NOUGAYREDE, JEAN, FR
[72] LEDOUX, MARC, FR
[72] KELLER, NICOLAS, FR
[72] PHAM-HUU, CUONG, FR
[72] SAVIN-PONCET, SABINE, FR
[71] ELF EXPLORATION PRODUCTION, FR
[85] 2000-05-15
[86] 1999-09-21 (PCT/FR99/02237)
[87] 2000-03-30 (WO00/17099)
[30] FR (98/11941) 1998-09-24

[21] **2,310,121**
[13] A1
[51] **Int.Cl. 6D01G 25/00 6D01G 15/46**
[25] FR
[54] **PROCEDE ET DISPOSITIFS POUR PRODUIRE UNE NAPPE TEXTILE**
[54] **METHOD AND DEVICES FOR PRODUCING A TEXTILE LAP**
[72] LAUNE, JEAN-CHRISTOPHE, FR
[72] JEAN, ROBERT, FR
[72] JOURDE, BERNARD, FR
[71] ASSELIN, FR
[85] 2000-05-03
[86] 1998-11-05 (PCT/FR98/02364)
[87] 1999-05-20 (WO99/24650)
[30] FR (97/14065) 1997-11-07

[21] **2,310,122**
[13] A1
[51] **Int.Cl. 6G07F 7/08**
[25] FR
[54] **PROCEDE DE GESTION DES DONNEES DANS UNE CARTE A PUCE**
[54] **METHOD FOR MANAGING DATA IN A SMART CARD**
[72] LISIMAQUE, GILLES, US
[71] GEMPLUS, S.C.A., FR
[85] 2000-05-15
[86] 1998-11-24 (PCT/FR98/02510)
[87] 1999-06-03 (WO99/27504)
[30] FR (97/14802) 1997-11-25

[21] **2,310,123**
[13] A1
[51] **Int.Cl. 6B01D 53/94 6B01J 23/10 6B01J 23/34**
[25] FR
[54] **COMPOSITION A SUPPORT A BASE D'UN OXYDE DE CERIUM, D'UN OXYDE DE ZIRCONIUM ET D'UN OXYDE DE SCANDIUM OU DE TERRE RARE ET UTILISATION POUR LE TRAITEMENT DES GAZ D'ECHAPPEMENT**
[54] **SUPPORT COMPOSITION BASED ON A CERIUM OXIDE, A ZIRCONIUM OXIDE AND A SCANDIUM OR RARE EARTH OXIDE AND USE FOR TREATING EXHAUST GAS**
[72] HEDOUIN, CATHERINE, FR
[72] SEGUELONG, THIERRY, FR
[71] RHODIA CHIMIE, FR
[85] 2000-05-08
[86] 1998-11-09 (PCT/FR98/02392)
[87] 1999-05-20 (WO99/24153)
[30] FR (97/14083) 1997-11-10

[21] **2,310,124**
[13] A1
[51] **Int.Cl. 6B01D 3/00**
[25] FR
[54] **DISTRIBUTEUR DE LIQUIDE POUR COLONNE DE DISTILLATION NON VERTICALE, ET COLONNE DE DISTILLATION AINSI EQUIPEE**
[54] **LIQUID DISPENSER FOR NON-VERTICAL DISTILLING COLUMN, AND DISTILLING COLUMN EQUIPPED THEREWITH**
[72] LEHMAN, JEAN-YVES, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L' ETUDE ET L' EXPLOITATION DES PROCED, FR
[85] 2000-05-15
[86] 1998-11-09 (PCT/FR98/02386)
[87] 1999-05-27 (WO99/25445)
[30] FR (97/14377) 1997-11-17

[21] **2,310,125**
[13] A1
[51] **Int.Cl. 7H01Q 9/04 7H01Q 13/10**
[25] FR
[54] **ANTENNE**
[54] **ANTENNA**
[72] JECKO, BERNARD JEAN-YVES, FR
[72] JECKO, FRANCOISE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2000-05-08
[86] 1999-09-07 (PCT/FR99/02123)
[87] 2000-03-16 (WO00/14825)
[30] FR (98/11251) 1998-09-09

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[21] **2,310,126**
[13] A1

[51] **Int.Cl. 6B01D 3/00**
[25] FR
[54] **DISTRIBUTEUR DE LIQUIDE POUR COLONNE DE DISTILLATION OSCILLANTE, ET COLONNE DE DISTILLATION CORRESPONDANTE**
[54] **LIQUID DISPENSER FOR OSCILLATING DISTILLING COLUMN, AND CORRESPONDING DISTILLING COLUMN**
[72] DARREDEAU, BERNARD, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L' ETUDE ET L' EXPLOITATION DES PROCED, FR
[85] 2000-05-15
[86] 1998-11-09 (PCT/FR98/02388)
[87] 1999-05-27 (WO99/25446)
[30] FR (97/14379) 1997-11-17

[21] **2,310,127**
[13] A1

[51] **Int.Cl. 6A61B 17/70**
[25] FR
[54] **IMPLANT POUR VERTEBRE**
[54] **VERTEBRA IMPLANT**
[72] SENEGAS, JACQUES, FR
[71] DIMSO (DISTRIBUTION MEDICALE DU SUD-OUEST), FR
[85] 2000-05-09
[86] 1998-11-06 (PCT/FR98/02378)
[87] 1999-05-20 (WO99/23963)
[30] FR (97/14091) 1997-11-10

[21] **2,310,128**
[13] A1

[51] **Int.Cl. 6C01F 7/14**
[25] FR
[54] **PRODUCTION DE TRIHYDRATE D'ALUMINE AVEC CONTROLE SEPARÉ DE LA TENEUR EN SODIUM ET DE LA GRANULOMETRIE**
[54] **PRODUCTION OF ALUMINA TRIHYDRATE WITH SEPARATE CONTROL OF SODIUM CONTENT AND SIZE DISTRIBUTION**
[72] EL KADI, BASSAM, FR
[72] CLERIN, PHILIPPE, FR
[71] ALUMINIUM PECHINEY, FR
[85] 2000-05-16
[86] 1998-11-16 (PCT/FR98/02443)
[87] 1999-05-27 (WO99/25653)
[30] FR (97/14590) 1997-11-17

[21] **2,310,129**
[13] A1

[51] **Int.Cl. 6C08K 5/00 6B60C 1/00 6C08L 21/00 6C08K 5/098**
[25] FR
[54] **PRODUIT A BASE DE CAOUTCHOUC, SON PROCEDE D'OBTENTION ET PROCEDE POUR REDUIRE LA RESISTANCE AU ROULEMENT D'UN PNEUMATIQUE CONSTITUE DUDIT PRODUIT**
[54] **RUBBER BASED PRODUCT, METHOD FOR OBTAINING SAME AND METHOD FOR REDUCING ROLLING RESISTANCE OF A TYRE MADE OF SAID PRODUCT**
[72] RENAULT, FRANCIS, FR
[72] MASSON, FRANCOIS, FR
[71] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR
[85] 2000-05-09
[86] 1998-11-06 (PCT/EP98/07111)
[87] 1999-05-20 (WO99/24502)
[30] FR (97/14210) 1997-11-10

[21] **2,310,130**
[13] A1

[51] **Int.Cl. 7A61B 17/00**
[25] FR
[54] **DISPOSITIF POUR LA FORMATION ET LA DELIVRANCE D'UN MELANGE**
[54] **DEVICE FOR FORMING AND DELIVERING A MIXTURE**
[72] TAYOT, JEAN-LOUIS, FR
[72] GRAVAGNA, PHILIPPE, FR
[71] IMEDEX BIOMATERIAUX, FR
[85] 2000-05-16
[86] 1999-09-15 (PCT/FR99/02197)
[87] 2000-03-30 (WO00/16698)
[30] FR (98/11700) 1998-09-18

[21] **2,310,131**
[13] A1

[51] **Int.Cl. 6C08K 9/02 6C08L 21/00**
[25] FR
[54] **COMPOSITION DE CAOUTCHOUC POUR PNEUMATIQUES, RENFORCEE D'UN NOIR DE CARBONE REVETU D'UNE COUCHE ALUMINEUSE**
[54] **RUBBER COMPOSITION FOR TYRES, REINFORCED WITH A CARBON BLACK COATED WITH AN ALUMINOUS LAYER**
[72] TARDIVAT, JEAN-CLAUDE, FR
[72] SIMONOT, LAURE, FR
[72] CUSTODERO, EMMANUEL, FR
[71] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR
[85] 2000-05-17
[86] 1998-11-27 (PCT/EP98/07679)
[87] 1999-06-10 (WO99/28380)
[30] FR (97/15130) 1997-11-28

[21] **2,310,132**
[13] A1

[51] **Int.Cl. 7A61L 31/00 7A61L 15/32**
[25] FR
[54] **MATERIAU COLLAGENIQUE BICOMPOSITE, SON PROCEDE D'OBTENTION ET SES APPLICATIONS THERAPEUTIQUES**
[54] **BI-COMPOSITE COLLAGEN MATERIAL, METHOD FOR OBTAINING SAME AND THERAPEUTIC APPLICATIONS**
[72] TAYOT, JEAN-LOUIS, FR
[72] BAYON, YVES, FR
[72] GRAVAGNA, PHILIPPE, FR
[71] IMEDEX BIOMATERIAUX, FR
[85] 2000-05-17
[86] 1999-09-16 (PCT/FR99/02212)
[87] 2000-03-30 (WO00/16821)
[30] FR (98/11701) 1998-09-18

Demandes PCT entrant en phase nationale

[21] **2,310,133**
[13] A1

[51] **Int.Cl. 6C01F 7/02 6B60C 1/00 6C08L 21/00 6G01N 29/00 6G01N 15/02 6C08K 3/22 6C01F 7/34**

[25] FR
[54] **CHARGE ALUMINEUSE RENFORCANTE ET COMPOSITION DE CAOUTCHOUC COMPORTANT UNE TELLE CHARGE**

[54] **REINFORCING ALUMINOUS FILLER AND RUBBER COMPOSITION COMPRISING SUCH A FILLER**

[72] TARDIVAT, JEAN-CLAUDE, FR
[72] SIMONOT, LAURE, FR
[72] CUSTODERO, EMMANUEL, FR
[71] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR
[85] 2000-05-17
[86] 1998-11-27 (PCT/EP98/07680)
[87] 1999-06-10 (WO99/28376)
[30] FR (97/15128) 1997-11-28

[21] **2,310,134**
[13] A1

[51] **Int.Cl. 6G09F 3/03**

[25] FR
[54] **PROCEDE DE FABRICATION DE NOYAUX D'IDENTITE POUR DES SCEAUX A ULTRASONS**

[54] **METHOD FOR MAKING IDENTITY CORES FOR ULTRASOUND SEALS**

[72] TOORNVLIET, JAN (DECEDE), ZZ
[72] MASCETTI, ERMANNO, IT
[72] TEBALDI, PIER CARLO, IT
[72] CAUSSE D'AGRAIVES, BERTRAND, IT
[71] COMMUNAUTE EUROPEENNE (CE), LU
[85] 2000-05-11
[86] 1998-12-21 (PCT/EP98/08385)
[87] 1999-07-01 (WO99/33045)
[30] LU (90187) 1997-12-22

[21] **2,310,135**
[13] A1

[51] **Int.Cl. 7G01K 13/02**

[25] FR
[54] **SONDE PERFECTIONNEE POUR LA MESURE DE PARAMETRES PHYSIQUES D'UN ECOULEMENT DE FLUIDE**

[54] **IMPROVED PROBE FOR MEASURING PHYSICAL PARAMETERS OF A FLUID FLOW**

[72] BERNARD, MARC, FR
[71] AUXITROL S.A., FR
[85] 2000-05-15
[86] 1999-11-18 (PCT/FR99/02829)
[87] 2000-06-02 (WO00/31508)
[30] FR (98/14552) 1998-11-19

[21] **2,310,136**
[13] A1

[51] **Int.Cl. 6A61K 38/55 6A61K 31/405**

[25] FR
[54] **COMBINAISON D'UN INHIBITEUR DE L'ENZYME DE CONVERSION DE L'ANGIOTENSINE ET D'UN DIURETIQUE POUR LE TRAITEMENT DES DESORDRES MICROCIRCULATOIRES**

[54] **COMBINATION OF HYPERTENSIN CONVERTING ENZYME INHIBITOR WITH A DIURETIC FOR TREATING MICROCIRCULATION DISORDERS**

[72] LEVY, BERNARD, FR
[72] SCHIAVI, PIERRE, FR
[72] GUEZ, DAVID, FR
[71] ADIR ET COMPAGNIE, FR
[85] 2000-05-15
[86] 1998-03-03 (PCT/FR98/00411)
[87] 1999-05-27 (WO99/25374)
[30] FR (97/14485) 1997-11-19

[21] **2,310,137**
[13] A1

[51] **Int.Cl. 7G01N 21/76 7G01N 21/03**

[25] FR
[54] **CUVETTES DE REACTION, ENSEMBLE DE TELLES CUVETTES, APPAREIL DE DOSAGE IMMUNOLOGIQUE ET PROCEDE METTANT EN OEUVRE DE TELS ENSEMBLES DE CUVETTES**

[54] **REACTION WELLS, ASSEMBLY THEREOF, IMMUNOASSAY APPARATUS AND METHOD USING SUCH WELL ASSEMBLIES**

[72] LENTWOJT, EDOUARD, FR
[72] GICQUEL, THIERRY, FR
[71] BIOTROL DIAGNOSTIC, FR
[85] 2000-05-10
[86] 1999-09-13 (PCT/FR99/02170)
[87] 2000-03-23 (WO00/16075)
[30] FR (98/11375) 1998-09-11

[21] **2,310,138**
[13] A1

[51] **Int.Cl. 6A61K 9/70 6A61K 7/48**

[25] FR
[54] **ASSOCIATION PROLAMINES-LIPIDES POLAIRES VEGETAUX, SON PROCEDE DE PREPARATION ET SES APPLICATIONS**

[54] **PROLAMIN-PLANT POLAR LIPID COMBINATION, PREPARATION METHOD AND APPLICATIONS**

[72] FOTINOS, SPIROS, GR
[71] LABORATOIRES LAVIPHARM (S.A.), FR
[85] 2000-05-10
[86] 1998-11-10 (PCT/FR98/02400)
[87] 1999-05-27 (WO99/25326)
[30] FR (97/14242) 1997-11-13

[21] **2,310,139**
[13] A1

[51] **Int.Cl. 6B04B 1/00 6B04C 3/06**

[25] FR
[54] **DISPOSITIF ET PROCEDE POUR LA SEPARATION D'UN MELANGE HETEROGENE**

[54] **DEVICE AND METHOD FOR SEPARATING A HETEROGENEOUS MIXTURE**

[72] GAY, JEAN-CLAUDE, FR
[72] LECOFFRE, YVES, FR
[71] TOTAL, FR
[85] 2000-05-10
[86] 1998-11-18 (PCT/FR98/02457)
[87] 1999-05-27 (WO99/25479)
[30] FR (97/14419) 1997-11-18

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[21] **2,310,140**
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 15/02 6G09F 3/04**
[25] FR
[54] **SYSTEME AUTOMATISE D'EDITION ET DE GESTION DE CONTRAVENTIONS**
[54] **AUTOMATED SYSTEM FOR ISSUING AND MANAGING OFFENCE TICKETS**
[72] GRISON, PAUL, FR
[71] GRISON, PAUL, FR
[85] 2000-05-10
[86] 1998-11-24 (PCT/FR98/02509)
[87] 1999-06-03 (WO99/27474)
[30] FR (97/14824) 1997-11-26

[21] **2,310,141**
[13] A1

[51] **Int.Cl. 6A61K 31/165**
[25] FR
[54] **UTILISATION DE DERIVES DE BENZHYDRYL SULFINYLE POUR TRAITER LA SOMNOLENCE D'ORIGINE MEDICAMENTEUSE**
[54] **USE OF SULPHINYL BENZHYDRYL DERIVATIVES FOR TREATING DRUG-INDUCED SLEEPINESS**
[72] GERTNER, JACQUES, FR
[72] ESTEVE, MARC, FR
[71] INSTITUT CURIE, FR
[85] 2000-05-17
[86] 1998-11-19 (PCT/FR98/02478)
[87] 1999-05-27 (WO99/25329)
[30] FR (97/14519) 1997-11-19

[21] **2,310,142**
[13] A1

[51] **Int.Cl. 6C09C 1/56 6C08L 21/00 6C08K 9/02 6C09C 3/06**
[25] FR
[54] **NOIR DE CARBONE REVETU D'UNE COUCHE ALUMINEUSE ET PROCEDE POUR L'OBTENIR**
[54] **CARBON BLACK COATED WITH AN ALUMINOUS LAYER AND METHOD FOR OBTAINING SAME**
[72] TARDIVAT, JEAN-CLAUDE, FR
[72] CUSTODERO, EMMANUEL, FR
[72] SIMONOT, LAURE, FR
[71] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR
[85] 2000-05-17
[86] 1998-11-27 (PCT/EP98/07678)
[87] 1999-06-10 (WO99/28391)
[30] FR (97/15129) 1997-11-28

[21] **2,310,143**
[13] A1

[51] **Int.Cl. 7B63B 21/66 7B65H 51/22 7G01V 1/38**
[25] FR
[54] **DISPOSITIF D'EXPLORATION SOUS-MARINE**
[54] **UNDERWATER EXPLORATION DEVICE**
[72] COUR, FRANCIS, FR
[71] FUGRO FRANCE, FR
[85] 2000-05-18
[86] 1999-09-21 (PCT/FR99/02236)
[87] 2000-03-30 (WO00/17043)
[30] FR (98/11730) 1998-09-21

[21] **2,310,144**
[13] A1

[51] **Int.Cl. 6B01D 53/86 6B01J 23/34 6B01D 53/94**
[25] FR
[54] **COMPOSITION A BASE DE MANGANESE ET UTILISATION COMME PIEGE A NOX POUR LE TRAITEMENT DE GAZ D'ECHAPPEMENT**
[54] **COMPOSITION BASED ON MANGANESE AND USE FOR TRAPPING NOX FOR TREATING EXHAUST GASES**
[72] SEGUELONG, THIERRY, FR
[72] HEDOUIN, CATHERINE, FR
[72] FRITZ, ARNO, FR
[71] RHODIA CHIMIE, FR
[85] 2000-05-18
[86] 1998-11-23 (PCT/FR98/02496)
[87] 1999-06-03 (WO99/26715)
[30] FR (97/14771) 1997-11-25

[21] **2,310,145**
[13] A1

[51] **Int.Cl. 6C07C 253/30 6B01J 10/00 6B01J 19/24 6C07C 209/48**
[25] FR
[54] **PROCEDE D'HYDROGENATION DE DINITRILES**
[54] **METHOD FOR HYDROGENATING DINITRILES**
[72] SEVER, LIONEL, FR
[72] ROCHETTE, DANIEL, FR
[72] BOSCHAT, VINCENT, FR
[72] LECONTE, PHILIPPE, FR
[71] RHODIA FIBER AND RESIN INTERMEDIATES, FR
[85] 2000-05-18
[86] 1998-11-19 (PCT/FR98/02479)
[87] 1999-06-03 (WO99/26917)
[30] FR (97/14809) 1997-11-20

[21] **2,310,146**
[13] A1

[51] **Int.Cl. 6C08J 11/16 6B29B 17/02**
[25] FR
[54] **PROCEDE ET INSTALLATION POUR LA SEPARATION DES CONSTITUANTS DES PNEUS USAGES**
[54] **METHOD AND INSTALLATION FOR SEPARATING CONSTITUENTS OF USED TYRES**
[72] DEBAILLEUL, GERARD, BE
[71] DEBAILLEUL, GERARD, BE
[85] 2000-05-19
[86] 1998-11-20 (PCT/BE98/00180)
[87] 1999-06-03 (WO99/27004)
[30] BE (9700933) 1997-11-20

[21] **2,310,147**
[13] A1

[51] **Int.Cl. 6A61K 9/50 6A61K 9/20**
[25] FR
[54] **SPHEROIDES, PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES**
[54] **SPHEROIDS, PREPARATION METHOD AND PHARMACEUTICAL COMPOSITIONS**
[72] SUPLIE, PASCAL, FR
[72] LEDUC, GERARD, FR
[72] DEBREGEAS, PATRICE, FR
[72] OURY, PASCAL, FR
[71] LABORATOIRES DES PRODUITS ETHIQUES ETHYPHARM, FR
[85] 2000-05-19
[86] 1998-11-19 (PCT/IB98/01911)
[87] 1999-06-03 (WO99/26608)
[30] FR (97/14631) 1997-11-21

[21] **2,310,215**
[13] A1

[51] **Int.Cl. 6A61K 39/00 6A61K 39/395 6G01N 33/50 6G01N 33/564 6G01N 33/68**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF PSORIASIS**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DU PSORIASIS**
[72] FOON, KENNETH A., US
[72] CHATTERJEE, MALAYA, US
[71] THE UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US
[85] 2000-05-15
[86] 1998-11-17 (PCT/US98/24607)
[87] 1999-05-27 (WO99/25380)
[30] US (60/065,774) 1997-11-17
[30] US (09/192,838) 1998-11-16

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| <p style="text-align: right;">[21] 2,310,220 [13] A1</p> <p>[51] Int.Cl. 6H04B 7/26 6H04L 27/36 [25] EN [54] MODULATION SYSTEMS AND METHODS INCLUDING OVERSAMPLING OF NARROW BANDWIDTH SIGNALS AND DC OFFSET COMPENSATION [54] SYSTEMES DE MODULATION ET PROCEDES DE SURECHANTILLONNAGE DE SIGNAUX LARGE BANDE ET DE COMPENSATION DE DECALAGE DU NIVEAU CONTINU [72] BOESCH, RONALD D., US [72] ARPAIA, DOMENICO, US [71] ERICSSON INC., US [85] 2000-05-16 [86] 1998-11-05 (PCT/US98/23566) [87] 1999-05-27 (WO99/26361) [30] US (08/971,502) 1997-11-17 [30] US (09/151,996) 1998-09-11 [30] US (09/151,622) 1998-09-11</p> | <p style="text-align: right;">[21] 2,310,222 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/56 6C07J 5/00 6C07J 71/00 6A61K 31/58 [25] EN [54] NEW COMPOSITION OF MATTER [54] NOUVELLE COMPOSITION DE MATIERE [72] MOLIN, OVE, SE [72] LARRIVEE-ELKINS, CHERYL, US [72] KARLSSON, ANN-KRISTIN, SE [71] ASTRAZENECA AKTIEBOLAG, SE [85] 2000-05-12 [86] 1998-11-11 (PCT/SE98/02039) [87] 1999-05-27 (WO99/25359) [30] SE (9704186-7) 1997-11-14</p> | <p style="text-align: right;">[21] 2,310,225 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/30 [25] EN [54] METHOD AND APPARATUS FOR PROVIDING AN EXPRESSION DATA MINING DATABASE AND LABORATORY INFORMATION MANAGEMENT [54] DISPOSITIF ET PROCEDE POUR L'ELABORATION D'UNE BASE DE DONNEES QUI PERMET D'EXTRAIRE DES DONNEES RELATIVES A L'EXPRESSION ET D'ASSURER LA GESTION D'INFORMATIONS DE LABORATOIRE [72] BALABAN, DAVID J., US [72] SOWATSKY, JOHN, US [72] BERNHART, DEREK H., US [72] JEVONS, LUIS, US [72] KHURGIN, ELINA, US [72] AGGARWAL, ARUN, US [71] AFFYMETRIX, INC., US [85] 2000-05-16 [86] 1999-09-15 (PCT/US99/21305) [87] 2000-03-23 (WO00/16220) [30] US (60/100,724) 1998-09-17 [30] US (60/100,740) 1998-09-17 [30] US (09/354,935) 1999-07-15 [30] US (UNKNOWN) 1999-09-15</p> |
| <p style="text-align: right;">[21] 2,310,221 [13] A1</p> <p>[51] Int.Cl. 6B62D 25/20 6B61D 17/10 [25] EN [54] A FLOOR FOR A TRANSPORT MEANS AND PROFILES FOR THE CONSTRUCTION THEREOF AS WELL AS A VEHICLE PROVIDED WITH SUCH A FLOOR [54] PLANCHER POUR MOYEN DE TRANSPORT, PROFILES POUR SA CONSTRUCTION ET VEHICULE FOURNI AVEC LE PLANCHER [72] CHRISTENSEN, MARTIN, DK [71] M.C.M. HOLDING A/S, DK [85] 2000-05-12 [86] 1998-11-13 (PCT/DK98/00494) [87] 1999-05-27 (WO99/25601) [30] DK (1289/97) 1997-11-13</p> | <p style="text-align: right;">[21] 2,310,223 [13] A1</p> <p>[51] Int.Cl. 6A61F 7/00 [25] EN [54] SELECTIVE ORGAN COOLING APPARATUS AND METHOD [54] DISPOSITIF ET PROCEDE DE REFROIDISSEMENT D'UN ORGANE CHOISI [72] LASHERAS, JUAN C., US [72] DOBAK, JOHN D., III, US [71] DEL MAR MEDICAL TECHNOLOGIES, INC., US [85] 2000-05-16 [86] 1999-03-23 (PCT/US99/06265) [87] 1999-09-30 (WO99/48449) [30] US (09/047,012) 1998-03-24 [30] US (09/103,342) 1998-06-23 [30] US (09/211,076) 1998-12-14</p> | <p style="text-align: right;">[21] 2,310,226 [13] A1</p> <p>[51] Int.Cl. 6D06B 17/00 [25] EN [54] SPIRAL STEAMER [54] EVAPORATEUR EN SPIRALE [72] SCHUMACHER, WALTER, DE [72] OTTEN, WALTER, DE [72] RUSSKAMP, DIETER, DE [72] KURSCHATKE, WOLFGANG, DE [71] EDUARD KUSTERS MASCHINENFABRICK GMBH & CO. KG, DE [85] 2000-05-12 [86] 1998-08-06 (PCT/DE98/02259) [87] 1999-05-27 (WO99/25913) [30] DE (197 50 573.2) 1997-11-14</p> |
| <p style="text-align: right;">[21] 2,310,224 [13] A1</p> <p>[51] Int.Cl. 6A61M 15/00 6A61M 11/00 [25] EN [54] INHALATION DEVICE [54] INHALATEUR [72] HODSON, DARREN, GB [72] RASMUSSEN, JORGEN, DK [71] ASTRAZENECA UK LIMITED, GB [85] 2000-05-12 [86] 1998-11-11 (PCT/SE98/02038) [87] 1999-05-27 (WO99/25406) [30] SE (9704185-9) 1997-11-14</p> | <p style="text-align: right;">[21] 2,310,224 [13] A1</p> <p>[51] Int.Cl. 6A61M 15/00 6A61M 11/00 [25] EN [54] INHALATION DEVICE [54] INHALATEUR [72] HODSON, DARREN, GB [72] RASMUSSEN, JORGEN, DK [71] ASTRAZENECA UK LIMITED, GB [85] 2000-05-12 [86] 1998-11-11 (PCT/SE98/02038) [87] 1999-05-27 (WO99/25406) [30] SE (9704185-9) 1997-11-14</p> | <p style="text-align: right;">[21] 2,310,226 [13] A1</p> <p>[51] Int.Cl. 6D06B 17/00 [25] EN [54] SPIRAL STEAMER [54] EVAPORATEUR EN SPIRALE [72] SCHUMACHER, WALTER, DE [72] OTTEN, WALTER, DE [72] RUSSKAMP, DIETER, DE [72] KURSCHATKE, WOLFGANG, DE [71] EDUARD KUSTERS MASCHINENFABRICK GMBH & CO. KG, DE [85] 2000-05-12 [86] 1998-08-06 (PCT/DE98/02259) [87] 1999-05-27 (WO99/25913) [30] DE (197 50 573.2) 1997-11-14</p> |

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[21] **2,310,227**
[13] A1
[51] **Int.Cl. 6A61C 15/04 6A61K 7/16**
[25] EN
[54] **DENTAL FLOSS**
[54] **FIL DENTAIRE**
[72] NETTO, EMILSON ISMAEL, BR
[72] SIMIONATO, LUIZ BELLINO, BR
[72] MELNIK, JOSEPH DAVID, BR
[71] JOHNSON & JOHNSON INDUSTRIA E COMERCIO LTDA., BR
[85] 2000-05-16
[86] 1998-11-13 (PCT/BR98/00106)
[87] 1999-05-27 (WO99/25269)
[30] BR (PI 9705386-4) 1997-11-17

[21] **2,310,228**
[13] A1
[51] **Int.Cl. 6C12N 15/31 6B01J 20/00 6A61K 38/02 6A23L 1/03 6C07K 14/195 6C12N 1/20 6C07K 14/315 6C12N 9/36 6C07K 14/37 6G01N 33/68**
[25] EN
[54] **ATTACHING SUBSTANCES TO MICRO-ORGANISMS**
[54] **FIXATION DE SUBSTANCES A DES MICRO-ORGANISMES**
[72] LEENHOUTS, CORNELIS JOHANNES, NL
[72] VENEMA, GERARD, NL
[72] BUIST, GIRBE, NL
[72] KOK, JAN, NL
[71] BIOMADE B.V., NL
[85] 2000-05-12
[86] 1998-11-12 (PCT/NL98/00655)
[87] 1999-05-27 (WO99/25836)
[30] EP (97203539.8) 1997-11-13

[21] **2,310,229**
[13] A1
[51] **Int.Cl. 7B43M 5/04**
[25] EN
[54] **PRESSURE SEALER SERRATED SEALING ROLL**
[54] **ROULEAU DE SCELLAGE DENTELE POUR DISPOSITIF DE SCELLAGE PAR PRESSION**
[72] SPRANGER, LEE T., US
[71] MOORE U.S.A., INC., US
[85] 2000-05-16
[86] 1999-09-08 (PCT/US99/20441)
[87] 2000-03-30 (WO00/16995)
[30] US (09/156,671) 1998-09-18

[21] **2,310,230**
[13] A1
[51] **Int.Cl. 6A61K 31/54**
[25] EN
[54] **THE USE OF BRINZOLAMIDE TO PREVENT VISUAL FIELD LOSS**
[54] **UTILISATION DE BRINZOLAMIDE POUR PREVENIR LA PERTE DU CHAMP VISUEL**
[72] KOTHE, ANGELA C., US
[72] DEAN, THOMAS R., US
[72] SILVER, LEWIS H., US
[71] ALCON LABORATORIES, INC., US
[85] 2000-05-16
[86] 1998-11-05 (PCT/US98/23610)
[87] 1999-07-01 (WO99/32123)
[30] US (60/068,767) 1997-12-23

[21] **2,310,231**
[13] A1
[51] **Int.Cl. 6A21D 13/00**
[25] EN
[54] **EXTRUDED INTERMEDIATES CONTAINING A SOLUBLE FIBER AND FOOD PRODUCTS CONTAINING SAME**
[54] **SUBSTANCES INTERMEDIAIRES EXTRUDEES ET CONTENANT UNE FIBRE SOLUBLE, ET PRODUIT CONTENANT CES SUBSTANCES**
[72] DICKMANN, ROBIN S., US
[72] WULLSCHLEGER, RICHARD D., US
[72] HOLDER, JAMES B., US
[71] KELLOGG COMPANY, US
[85] 2000-05-16
[86] 1998-11-05 (PCT/US98/23858)
[87] 1999-05-27 (WO99/25198)
[30] US (08/966,396) 1997-11-17

[21] **2,310,232**
[13] A1
[51] **Int.Cl. 6A61K 31/355 6A61K 31/60**
[25] EN
[54] **METHODS FOR PREVENTING RESTENOSIS USING TOCOTRIENOLS**
[54] **METHODES DE PREVENTION DE LA RESTENOSE UTILISANT DES TOCOTRIENOLS**
[72] SCHNEIDER, FREDERICK H., US
[72] LANE, RONALD H., US
[71] LIPOGENICS, INC., US
[85] 2000-05-16
[86] 1998-11-17 (PCT/US98/24606)
[87] 1999-05-27 (WO99/25336)
[30] US (08/971,703) 1997-11-17

[21] **2,310,233**
[13] A1
[51] **Int.Cl. 6C07C 215/50 6A61K 31/05 6A61K 31/435 6C07D 213/69**
[25] EN
[54] **ADVANCED GLYCATION END-PRODUCT INTERMEDIARIES AND POST-AMADORI INHIBITION**
[54] **INTERMEDIAIRES DE PRODUITS TERMINAUX DE GLYCOSYLATION AVANCEE ET INHIBITION POST-AMADORI**
[72] BOOTH, AARON ASHLEY, US
[72] TODD, PARVIN, US
[72] KHALIFAH, RAJA GABRIEL, US
[72] HUDSON, BILLY G., US
[71] UNIVERSITY OF KANSAS MEDICAL CENTER, US
[85] 2000-05-16
[86] 1998-11-09 (PCT/US98/23743)
[87] 1999-05-27 (WO99/25690)
[30] US (08/971,285) 1997-11-17

[21] **2,310,237**
[13] A1
[51] **Int.Cl. 6F02M 25/06 6F02M 27/04**
[25] EN
[54] **APPARATUS FOR THE TREATMENT OF CRANKCASE EMISSIONS MATERIALS IN A POSITIVE CRANKCASE VENTILATION SYSTEM**
[54] **APPAREIL DE TRAITEMENT DES EMISSIONS DE CARTER D'UN SYSTEME DE RECYCLAGE DES GAZ DE CARTER**
[72] GREGORY, ROBERT L., US
[72] NACHTMANN, CHARLES T., US
[72] DIOTTE, RONALD A., US
[72] EDWARDS, JAMES R., US
[71] GEKKO INTERNATIONAL L.C., US
[85] 2000-05-12
[86] 1998-02-09 (PCT/US98/02342)
[87] 1999-05-27 (WO99/25972)
[30] US (08/968,594) 1997-11-13

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[21] **2,310,239**
[13] A1

[51] **Int.Cl. 6H04B 7/26**
[25] EN
[54] **USING AN RF REPEATER IN CDMA APPLICATIONS TO COMBAT INTERFERENCE CAUSED BY A NON-COLLOCATED RADIO**
[54] **UTILISATION D'UN REPETEUR RF DANS DES APPLICATIONS CDMA POUR COMBATTRE LES INTERFERENCES CAUSEES PAR UN EMETTEUR RADIO SANS ACCORD DE POSITION**
[72] BASSIRAT, FARHAD, US
[71] NORTEL NETWORKS CORPORATION, CA
[85] 2000-05-12
[86] 1998-11-13 (PCT/IB98/01819)
[87] 1999-05-27 (WO99/26360)
[30] US (08/970,682) 1997-11-14

[21] **2,310,240**
[13] A1

[51] **Int.Cl. 6H01H 50/14 6H01H 9/10**
[25] EN
[54] **ELECTROMAGNETIC RELAY WITH A FUSE**
[54] **RELAIS ELECTROMAGNETIQUE A FUSIBLE**
[72] RITTER, PETER, DE
[72] DIETRICH, ROMAN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2000-05-12
[86] 1998-10-21 (PCT/DE98/03090)
[87] 1999-05-27 (WO99/26265)
[30] DE (297 20 249.9) 1997-11-14

[21] **2,310,241**
[13] A1

[51] **Int.Cl. 6G01S 13/78**
[25] EN
[54] **IDENTIFICATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION**
[72] MARAIS, MARIO ALPHONSO, ZA
[72] SMIT, HENDRIK VAN ZYL, ZA
[72] ATKINS, RAYMOND CATHERALL, ZA
[71] BTG INTERNATIONAL LIMITED, GB
[85] 2000-05-12
[86] 1998-11-09 (PCT/GB98/03349)
[87] 1999-05-27 (WO99/26081)
[30] GB (9724183.0) 1997-11-14

[21] **2,310,243**
[13] A1

[51] **Int.Cl. 6H04M 11/00**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING A PATIENT**
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE D'UN PATIENT**
[72] MASSENGALE, ROGER, US
[72] VASKO, ROBERT S., US
[71] I-FLOW CORPORATION, US
[85] 2000-05-12
[86] 1998-11-12 (PCT/US98/24083)
[87] 1999-05-20 (WO99/25110)
[30] US (08/968,185) 1997-11-12
[30] US (09/141,042) 1998-08-27

[21] **2,310,244**
[13] A1

[51] **Int.Cl. 6C07D 407/06 6C07D 309/36 6A61K 31/365**
[25] EN
[54] **PYRANONES, METHOD FOR THE PRODUCTION AND USE THEREOF**
[54] **PYRANONES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION**
[72] CHATTERJEE, SHYAM SUNDER, DE
[72] HAUER, HERMANN, DE
[71] DR. WILLMAR SCHWABE GMBH & CO., DE
[85] 2000-05-12
[86] 1998-11-12 (PCT/EP98/07241)
[87] 1999-05-27 (WO99/25716)
[30] DE (197 50 623.2) 1997-11-14

[21] **2,310,245**
[13] A1

[51] **Int.Cl. 6B31B 5/80**
[25] EN
[54] **GUIDE MECHANISM FOR A PACKAGING MACHINE**
[54] **MECANISME DE GUIDAGE POUR MACHINE D'EMBALLAGE**
[72] GENDRE, PATRICK, FR
[71] THE MEAD CORPORATION, US
[85] 2000-05-12
[86] 1998-11-12 (PCT/US98/24066)
[87] 1999-05-27 (WO99/25546)
[30] GB (9724044.4) 1997-11-14

[21] **2,310,246**
[13] A1

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **INDIVIDUAL PACKAGES FOR ABSORBENT INTERLABIAL DEVICES**
[54] **CONDITIONNEMENTS INDIVIDUELS POUR ARTICLE INTERLABIAL ABSORBANT**
[72] OSBORN, THOMAS WARD III, US
[72] FARRIS, DIANE DUNN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-12
[86] 1998-11-12 (PCT/US98/24133)
[87] 1999-06-03 (WO99/26575)
[30] US (08/975,795) 1997-11-21

[21] **2,310,248**
[13] A1

[51] **Int.Cl. 6A61K 31/44 6C07D 471/02**
[25] EN
[54] **5-HT1F AGONISTS**
[54] **AGONISTES DU 5-HT1F**
[72] FILLA, SANDRA ANN, US
[72] SCHAUS, JOHN MEHNERT, US
[72] MATHES, BRIAN MICHAEL, US
[71] ELI LILLY AND COMPANY, US
[85] 2000-05-12
[86] 1998-11-13 (PCT/US98/24256)
[87] 1999-05-27 (WO99/25348)
[30] US (08/970,637) 1997-11-14

[21] **2,310,249**
[13] A1

[51] **Int.Cl. 6A61K 31/40 6A61K 31/405**
[25] EN
[54] **TREATMENT FOR ALZHEIMER'S DISEASE**
[54] **TRAITEMENT CONTRE LA MALADIE D'ALZHEIMER**
[72] WATANABE, AUGUST MASARU, US
[71] ELI LILLY AND COMPANY, US
[85] 2000-05-12
[86] 1998-11-13 (PCT/US98/24234)
[87] 1999-05-27 (WO99/25339)
[30] US (60/066,036) 1997-11-14

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| <p>[21] 2,310,250 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/40 [25] EN [54] TREATMENT FOR ALZHEIMER'S DISEASE [54] TRAITEMENT CONTRE LA MALADIE D'ALZHEIMER [72] WATANABE, AUGUST MASARU, US [71] ELI LILLY AND COMPANY, US [85] 2000-05-12 [86] 1998-11-13 (PCT/US98/24258) [87] 1999-05-27 (WO99/25340) [30] US (60/066,035) 1997-11-14</p> | <p>[21] 2,310,254 [13] A1</p> <p>[51] Int.Cl. 6A61B 10/00 [25] EN [54] MEDICAL SPATULA [54] SPATULE MEDICALE [72] FOURIE, PIETER ROUSSEAU, ZA [72] VAN DER MERWE, MARIUS, ZA [71] HARWILL INDUSTRIES (PTY.) LIMITED, ZA [85] 2000-05-12 [86] 1998-11-13 (PCT/GB98/03431) [87] 1999-05-27 (WO99/25251) [30] ZA (97/10284) 1997-11-14</p> | <p>[21] 2,310,257 [13] A1</p> <p>[51] Int.Cl. 6G09G 3/20 [25] EN [54] INTERNAL ROW SEQUENCER FOR REDUCING BANDWIDTH AND PEAK CURRENT REQUIREMENTS IN A DISPLAY DRIVER CIRCUIT [54] SEQUENCEUR DE LIGNES INTERNE DESTINE A REDUIRE LES BESOINS EN LARGEUR DE BANDE ET LES CRETES DE COURANT DE POINTE DANS UN CIRCUIT PILOTE D'UN AFFICHEUR [72] PINKHAM, RAYMOND, US [72] CAMPBELL, JOHN GRAY, US [72] HUDSON, EDWIN LYLE, US [72] WORLEY, W. SPENCER III, US [71] AURORA SYSTEMS, INC., US [85] 2000-05-12 [86] 1998-11-13 (PCT/US98/24267) [87] 1999-05-27 (WO99/26223) [30] US (08/970,443) 1997-11-14</p> |
| <p>[21] 2,310,251 [13] A1</p> <p>[51] Int.Cl. 6H02M 1/00 6H01L 27/02 6H01G 4/26 [25] EN [54] MINIATURE POWER SUPPLY [54] SYSTEME D'ALIMENTATION MINIATURE [72] GOODMAN, LAWRENCE ALAN, US [72] PRABHU, ASHOK N., US [71] SARNOFF CORPORATION, US [85] 2000-05-12 [86] 1998-12-18 (PCT/US98/26896) [87] 1999-06-24 (WO99/31789) [30] US (08/993,292) 1997-12-18</p> | <p>[21] 2,310,255 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/415 [25] EN [54] USE OF HISTAMINE FOR ELEVATING BLOOD HISTAMINE LEVELS [54] UTILISATION D'HISTAMINE POUR AUGMENTER LA PRESENCE D'HISTAMINE DANS LE SANG [72] HERMODSSON, SVANTE, SE [72] HELLSTRAND, KRISTOFFER, SE [72] GEHLSSEN, KURT R., US [71] MAXIM PHARMACEUTICALS, INC., US [85] 2000-05-12 [86] 1998-11-10 (PCT/US98/23956) [87] 1999-05-27 (WO99/25341) [30] US (08/969,384) 1997-11-13</p> | <p>[21] 2,310,259 [13] A1</p> <p>[51] Int.Cl. 6A41G 1/00 [25] EN [54] METHOD OF MAKING AN ARTIFICIAL TREE [54] PROCEDE DE FABRICATION D'ARBRES ARTIFICIELS [72] LEE, CHARLES WAI KEUNG, CN [72] LEE, TIM WING HIM, CN [71] H & P SALES, INC., US [85] 2000-05-12 [86] 1999-03-16 (PCT/US99/05719) [87] 2000-03-23 (WO00/15064) [30] US (09/153,557) 1998-09-15</p> |
| <p>[21] 2,310,252 [13] A1</p> <p>[51] Int.Cl. 6C07H 21/02 6A61K 39/00 6A01N 63/00 6C12N 15/00 6A61K 39/395 6C12N 9/96 [25] EN [54] ACTIVE IMMUNIZATION AGAINST ANGIOGENESIS-ASSOCIATED ANTIGENS [54] IMMUNISATION ACTIVE CONTRE LES ANTIGENES ASSOCIES A L'ANGIOGENESE [72] FERRONE, SOLDANO, US [72] HICKLIN, DANIEL J., US [71] NEW YORK MEDICAL COLLEGE, US [71] IMCLONE SYSTEMS INCORPORATED, US [85] 2000-05-12 [86] 1999-03-08 (PCT/US99/05164) [87] 1999-09-10 (WO99/45018) [30] US (09/036,724) 1998-03-06</p> | <p>[21] 2,310,256 [13] A1</p> <p>[51] Int.Cl. 6B62D 9/02 6B62D 61/08 6B62K 21/10 [25] EN [54] TILTING VEHICLE [54] VEHICULE BASCULANT [72] VAN DEN BRINK, CHRISTOPHER RALPH, NL [72] KROONEN, HENDRIK MARINUS, NL [71] BRINKS WESTMAAS B.V., NL [85] 2000-05-12 [86] 1998-11-10 (PCT/NL98/00650) [87] 1999-05-20 (WO99/24308) [30] NL (1007532) 1997-11-12</p> | <p>[21] 2,310,267 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/76 6B01L 3/00 6G01N 31/00 6G01N 33/00 6G01N 21/01 6G01N 25/20 6G01N 21/29 6G01N 33/53 6G01N 33/542 6G01N 33/543 6C12Q 1/68 [25] EN [54] RAPID SCREENING ASSAY METHODS AND DEVICES [54] DISPOSITIFS ET METHODES DE DETERMINATION RAPIDE D'ENSEMBLES [72] WANG, MARK S., US [72] LI, LIMIN, US [71] FUNCTIONAL GENETICS, INC., US [85] 2000-05-12 [86] 1998-11-09 (PCT/US98/23751) [87] 1999-05-20 (WO99/24822) [30] US (08/968,659) 1997-11-12</p> |

Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] 2,310,270 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/30 [25] EN [54] METHOD AND APPARATUS FOR AUTOMATICALLY DISSEMINATING INFORMATION OVER A NETWORK [54] PROCEDE ET APPAREIL DE DIFFUSION D'INFORMATIONS AUTOMATIQUE DANS UN RESEAU [72] FARAGHER-HORWELL, ROLAND, US [72] CAMPBELL, R. DAVID L., US [71] PUNCH NETWORKS CORPORATION, US [85] 2000-05-11 [86] 1998-11-10 (PCT/US98/23934) [87] 1999-05-20 (WO99/24923) [30] US (08/969,135) 1997-11-12</p> | <p style="text-align: right;">[21] 2,310,274 [13] A1</p> <p>[51] Int.Cl. 6G01T 1/20 6G01T 7/02 [25] EN [54] SELF-SCINTILLATING SHEET MATERIAL FOR RADIOACTIVE SPECIES ANALYSIS [54] MATERIAU EN FEUILLE AUTOSCINTILLANT POUR ANALYSE D'ESPECES RADIOACTIVES [72] ERICKSON, MITCHELL D., US [72] HADDAD, LOUIS C., US [72] GOKEN, GAROLD L., US [72] ORLANDINI, KENT A., US [72] DALLAS, SUSAN K., US [72] HOFFMAN, KEITH M., US [72] SEELY, DAVID C., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-05-16 [86] 1998-09-18 (PCT/US98/19632) [87] 1999-06-03 (WO99/27387) [30] US (08/975,007) 1997-11-20</p> | <p style="text-align: right;">[21] 2,310,277 [13] A1</p> <p>[51] Int.Cl. 6H04L 12/00 6H04B 1/00 6G06F 3/00 6G06F 13/00 6G06F 15/00 6G06F 9/06 6H04L 12/26 6G06F 17/30 6H04M 3/42 [25] EN [54] ENHANCED DOMAIN NAME SERVICE [54] SERVICE AMELIORE DE NOM DE DOMAINE [72] HUITEMA, CHRISTIAN, US [71] TELCORDIA TECHNOLOGIES, INC., US [85] 2000-05-16 [86] 1998-10-07 (PCT/US98/21239) [87] 1999-06-03 (WO99/27680) [30] US (60/066,227) 1997-11-20 [30] US (09/135,619) 1998-08-18</p> |
| <p style="text-align: right;">[21] 2,310,271 [13] A1</p> <p>[51] Int.Cl. 6C08G 73/02 6C08G 73/06 6H01B 1/12 [25] EN [54] PROCESS FOR PREPARING AN ELECTRICALLY CONDUCTIVE POLYMER [54] PROCEDE DE PREPARATION D'UN POLYMERE ELECTROCONDUCTEUR [72] SCORTICHINI, CAREY L., US [72] BABINEC, SUSAN J., US [71] THE DOW CHEMICAL COMPANY, US [85] 2000-05-16 [86] 1998-11-18 (PCT/US98/24752) [87] 1999-05-27 (WO99/25753) [30] US (08/972,429) 1997-11-18</p> | <p style="text-align: right;">[21] 2,310,276 [13] A1</p> <p>[51] Int.Cl. 6G06F 13/00 [25] EN [54] DATA RESAMPLER FOR DATA PROCESSING SYSTEM [54] REECHANTILLONEUR DE DONNEES POUR SYSTEME DE TRAITEMENT DE DONNEES [72] WILT, MICHAEL JOHN, US [72] GREENBERG, MICHAEL PHILIP, US [71] ACUITY IMAGING, LLC., US [85] 2000-05-16 [86] 1998-11-12 (PCT/US98/24063) [87] 1999-06-03 (WO99/27455) [30] US (60/066,348) 1997-11-21 [30] US (09/025,938) 1998-02-19</p> | <p style="text-align: right;">[21] 2,310,278 [13] A1</p> <p>[51] Int.Cl. 6D21C 9/10 [25] EN [54] IMPROVEMENTS TO THE BLEACHING PROCESS FOR CHEMICAL PULP AND INTERMEDIATE PULP DISPERSIONS [54] PERFECTIONNEMENTS APPORTES AU PROCEDE DE BLANCHIMENT DE LA PATE CHIMIQUE ET DISPERSIONS INTERMEDIAIRES DE PATE [72] WILLEMS, PHILIPPE, BE [71] AMYLUM BELGIUM N.V., BE [85] 2000-05-16 [86] 1997-11-25 (PCT/EP97/06696) [87] 1999-06-03 (WO99/27178)</p> |
| <p style="text-align: right;">[21] 2,310,273 [13] A1</p> <p>[51] Int.Cl. 6G01C 21/20 6G08G 1/0969 6G08G 1/127 [25] EN [54] INFORMATION ACQUISITION SYSTEM FOR VEHICLE [54] SYSTEME D'ACQUISITION DE RENSEIGNEMENTS POUR VEHICULE [72] HASHIMOTO, TAKAHIRO, JP [71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP [85] 2000-05-16 [86] 1998-11-12 (PCT/JP98/05087) [87] 1999-06-03 (WO99/27323) [30] JP (9/319498) 1997-11-20</p> | <p style="text-align: right;">[21] 2,310,280 [13] A1</p> <p>[51] Int.Cl. 6H01L 21/763 6H01L 29/08 6H01L 29/732 6H01L 21/74 6H01L 21/762 [25] EN [54] SEMICONDUCTOR COMPONENT AND MANUFACTURING METHOD FOR SEMICONDUCTOR COMPONENT [54] COMPOSANT A SEMI-CONDUCTEURS ET SON PROCEDE DE FABRICATION [72] SODERBARG, ANDERS, SE [72] SJODIN, HAKAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-05-16 [86] 1998-11-16 (PCT/SE98/02062) [87] 1999-05-27 (WO99/26293) [30] SE (9704211-3) 1997-11-17</p> | |

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[21] **2,310,281**
[13] A1

[51] **Int.Cl. 6G06F 15/17**
[25] EN
[54] **METHOD AND SYSTEM FOR SECURELY TRANSFERRING A DATA SET IN A DATA COMMUNICATIONS SYSTEM**
[54] **PROCEDE ET SYSTEME POUR LE TRANSFERT EN TOUTE SECURITE DE FICHIERS DE DONNEES DANS UN SYSTEME DE COMMUNICATION**
[72] GOLDSTEIN, GARY ALLAN, US
[72] SUMNER, TERENCE EDWARD, US
[71] MOTOROLA, INC., US
[85] 2000-05-16
[86] 1998-11-10 (PCT/US98/23994)
[87] 1999-06-03 (WO99/27654)
[30] US (08/978,392) 1997-11-25

[21] **2,310,282**
[13] A1

[51] **Int.Cl. 6H04B 7/00**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING HAND-OFF CANDIDATES IN A NEIGHBOR SET IN A CDMA COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE DETERMINATION DES CANDIDATS AU TRANSFERT DANS UN ENSEMBLE VOISIN DANS UN SYSTEME DE COMMUNICATION AMDC**
[72] ROHANI, KAMYAR, US
[71] MOTOROLA, INC., US
[85] 2000-05-16
[86] 1998-10-27 (PCT/US98/22793)
[87] 1999-06-03 (WO99/27657)
[30] US (08/977,913) 1997-11-25

[21] **2,310,284**
[13] A1

[51] **Int.Cl. 7B43M 5/04**
[25] EN
[54] **PRESSURE SEALER THREE TIERED SEALING ROLL CONFIGURATION**
[54] **SCELLEUSE A PRESSION COMPORTANT TROIS CYLINDRES A SCHELLER ETAGES**
[72] SPRANGER, LEE T., US
[71] MOORE U.S.A., INC., US
[85] 2000-05-16
[86] 1999-09-08 (PCT/US99/20440)
[87] 2000-03-30 (WO00/16994)
[30] US (09/156,672) 1998-09-18

[21] **2,310,285**
[13] A1

[51] **Int.Cl. 6B24D 13/10 6B24D 18/00 6B24D 13/12 6B24D 13/14 6B24D 3/22**
[25] EN
[54] **FOAM BUFFING PAD OF INDIVIDUAL STRING-LIKE MEMBERS AND METHOD OF MANUFACTURE THEREOF**
[54] **TAMPON DE LUSTRAGE EN MOUSSE CONSTITUE D'ELEMENTS INDIVIDUELS DE TYPE FIL ET SON PROCEDE DE PRODUCTION**
[72] McLAIN, SCOTT S., US
[72] SCHNEIDER, JIM D., US
[72] KAISER, RICHARD A., US
[71] LAKE COUNTRY MANUFACTURING, INC., US
[85] 2000-05-16
[86] 1998-11-30 (PCT/US98/25328)
[87] 1999-06-10 (WO99/28089)
[30] US (08/980,660) 1997-12-01
[30] US (09/063,670) 1998-04-21

[21] **2,310,316**
[13] A1

[51] **Int.Cl. 6G02B 6/16 6H01S 3/02**
[25] EN
[54] **TEMPERATURE STABILIZATION OF OPTICAL WAVEGUIDES**
[54] **STABILISATION DE TEMPERATURE DE GUIDES D'ONDES OPTIQUES**
[72] POULSEN, CHRISYIAN VESTERGAARD, DK
[72] ESKILDSEN, LARS ERIK, DK
[72] PEDERSEN, JENS ENGHOLM, DK
[72] BEUKEMA, MARTIJN, DK
[71] IONAS A/S, DK
[85] 2000-05-16
[86] 1998-11-24 (PCT/DK98/00516)
[87] 1999-06-03 (WO99/27400)
[30] DK (1339/97) 1997-11-24
[30] US (60/066,955) 1997-11-26

[21] **2,310,317**
[13] A1

[51] **Int.Cl. 6B01J 13/00**
[25] EN
[54] **A METHOD FOR THE SUB-CRITICAL DRYING OF LYOGELS TO PRODUCE AEROGELS**
[54] **PROCEDE DE SECHAGE SOUS-CRITIQUE DE LYOGELS POUR PRODUIRE DES AEROGELS**
[72] HARTEL, JOHANNES, DE
[72] FORBERT, RAINALD, DE
[71] CABOT CORPORATION, US
[85] 2000-05-16
[86] 1998-12-16 (PCT/EP98/08244)
[87] 1999-07-01 (WO99/32218)
[30] DE (197 56 633.2) 1997-12-19

[21] **2,310,318**
[13] A1

[51] **Int.Cl. 6C07D 295/08 6A61K 31/495**
[25] EN
[54] **PSEUDOPOLYMORPHIC FORMS OF 2--2--4--BIS (4-FLUOROPHENYL) METHYL-1-PIPERAZINYL| ETHOXY|ACETIC ACID DIHYDROCHLORIDE**
[54] **FORMES PSEUDOMORPHES DE DICHLORHYDRATE D'ACIDE 2--2--4--BIS (4-FLUOROPHENYL) METHYL-1-PIPERAZINYL| ETHOXY|ACETIQUE**
[72] FANARA, DOMENICO, BE
[72] DOGIMONT, CHARLES, BE
[72] BODSON, GUY, BE
[72] BERWAER, MONIQUE, BE
[72] TIMMERMANS, JACQUES, BE
[72] DELEERS, MICHEL, BE
[71] UCB, S.A., BE
[85] 2000-05-16
[86] 1998-11-26 (PCT/BE98/00184)
[87] 1999-06-10 (WO99/28310)
[30] EP (97870193.6) 1997-11-26

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[21] **2,310,319**
[13] A1
[51] **Int.Cl. 6C07D 207/38 6A61K 31/40 6C07D 209/54**
[25] EN
[54] **POSITION-4 SUBSTITUTED 2-PYRROLIDINONE DERIVATIVES TO REDUCE THE LEVEL OF EXTRACELLULAR GLUTAMATE**
[54] **DERIVES DE 2-PYRROLIDINONE SUBSTITUES EN POSITION 4, UTILISES POUR REDUIRE LE NIVEAU DE GLUTAMATE EXTRACELLULAIRE**
[72] FEUERSTEIN, THOMAS J., DE
[72] KNORLE, RAINER, DE
[71] KLINIKUM DER ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG, DE
[85] 2000-05-16
[86] 1998-11-17 (PCT/EP98/07383)
[87] 1999-05-27 (WO99/25683)
[30] DE (197 51 062.0) 1997-11-18

[21] **2,310,320**
[13] A1
[51] **Int.Cl. 6C08F 2/00**
[25] EN
[54] **METHOD AND APPARATUS FOR PREPARING POLYMERS**
[54] **PROCEDE ET APPAREIL DE PREPARATION DE POLYMERES**
[72] KIVELA, JOUNI, FI
[72] HARLIN, ALI, FI
[72] KORHONEN, ESA, FI
[72] ANDTSJO, HENRIK, FI
[71] BOREALIS TECHNOLOGY OY, FI
[85] 2000-05-16
[86] 1998-11-17 (PCT/FI98/00905)
[87] 1999-05-27 (WO99/25741)
[30] FI (974262) 1997-11-17

[21] **2,310,322**
[13] A1
[51] **Int.Cl. 6H03K 17/945**
[25] EN
[54] **CIRCUIT FOR MONITORING TROUBLE-FREE STATE AND/OR DETECTING INCORRECT STATE OF AN INSTALLATION**
[54] **CIRCUIT SERVANT A VERIFIER QUE L'ETAT D'UNE INSTALLATION EST CORRECT ET/OU A RECONNAITRE UN ETAT INCORRECT DE CETTE INSTALLATION**
[72] STROBEL, MANFRED, DE
[72] LAMARCHE, JEAN-LUC, DE
[72] HERRMANN, KARL, DE
[72] ALBRICH, REINHARD, AT
[71] DOPPELMA'YR SEILBAHN-PRODUKTIONSGESELLSCHAFT MBH, AT
[71] I F M ELECTRONIC GMBH, DE
[85] 2000-05-16
[86] 1998-11-21 (PCT/EP98/07488)
[87] 1999-06-03 (WO99/27649)
[30] DE (197 52 362.5) 1997-11-26

[21] **2,310,323**
[13] A1
[51] **Int.Cl. 6G06F 17/60**
[25] EN
[54] **COMPUTER-IMPLEMENTED PRODUCT VALUATION TOOL**
[54] **OUTIL INFORMATIQUE D'ESTIMATION DE PRODUITS**
[72] KALYAN, VIBHU K., US
[71] I2 TECHNOLOGIES, INC., US
[85] 2000-05-16
[86] 1998-11-19 (PCT/US98/24977)
[87] 1999-05-27 (WO99/26168)
[30] US (60/066,133) 1997-11-19
[30] US (60/066,134) 1997-11-19
[30] US (60/066,136) 1997-11-19

[21] **2,310,324**
[13] A1
[51] **Int.Cl. 6C07C 253/30 6C07C 255/50**
[25] EN
[54] **METHOD FOR PREPARING BROMOMETHYL-BIPHENYL DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES DE BROMOMETHYL-BIPHENYLE**
[72] CASTRO, BERTRAND, FR
[72] BIARD, MICHEL, FR
[71] SANOFI-SYNTHELABO, FR
[85] 2000-05-16
[86] 1998-11-09 (PCT/FR98/02383)
[87] 1999-05-27 (WO99/25681)
[30] FR (97/14376) 1997-11-17

[21] **2,310,325**
[13] A1
[51] **Int.Cl. 6G06K 19/077**
[25] EN
[54] **METHOD AND APPARATUS FOR THE AUTOMATIC PRODUCTION OF PERSONALIZED CARDS AND POUCHES**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE CARTES ET D'ETUIS PERSONNALISES**
[72] HASSAN, JACKOB, IL
[72] ROZEN, ELI, IL
[72] LANDMAN, AVI, IL
[71] SUPERCOM LTD., IL
[85] 2000-05-10
[86] 1998-11-11 (PCT/IL98/00549)
[87] 1999-05-20 (WO99/24934)
[30] IL (122185) 1997-11-12
[30] IL (126964) 1998-11-09

[21] **2,310,326**
[13] A1
[51] **Int.Cl. 6A61M 1/00**
[25] EN
[54] **INFUSION APPARATUS FOR IV BAGS**
[54] **APPAREIL DE PERFUSION POUR POUCHES INTRAVEINEUSES**
[72] SHAH, PRANAV N., US
[71] SHAH, PRANAV N., US
[85] 2000-05-16
[86] 1996-11-26 (PCT/US96/18908)
[87] 1998-06-04 (WO98/23310)

[21] **2,310,327**
[13] A1
[51] **Int.Cl. 6A23C 19/076 6A23C 19/09**
[25] EN
[54] **FRESH CHEESE COMPOSITION**
[54] **COMPOSITION A BASE DE FROMAGE FRAIS**
[72] PARMANTIER, CLAUDE, FR
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2000-05-16
[86] 1998-11-13 (PCT/EP98/07335)
[87] 1999-06-10 (WO99/27796)
[30] EP (97203700.6) 1997-11-26

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[21] **2,310,328**
[13] A1

[51] **Int.Cl. 6A01N 63/00 6C12Q 1/02 6C12Q 1/04**

[25] EN

[54] **PURGING OF STEM CELL PRODUCTS**

[54] **PURGE DE PRODUITS DE CELLULES SOUCHES**

[72] TALMADGE, JAMES E., US

[71] CANJI, INC., US

[85] 2000-05-16

[86] 1998-11-16 (PCT/US98/24392)

[87] 1999-05-27 (WO99/25195)

[30] US (08/972,669) 1997-11-18

[21] **2,310,329**
[13] A1

[51] **Int.Cl. 6H04L 9/32 6H04L 9/30**

[25] EN

[54] **SECURITY OF DATA**

CONNECTIONS

[54] **SECURITE DE COMMUTATIONS DE DONNEES**

[72] LEIWO, JUSSIPEKKA, FI

[71] NOKIA NETWORKS OY, FI

[85] 2000-05-16

[86] 1998-11-26 (PCT/FI98/00928)

[87] 1999-06-03 (WO99/27678)

[30] FI (974341) 1997-11-26

[21] **2,310,330**
[13] A1

[51] **Int.Cl. 6C07C 257/18 6C07D 209/08 6C07D 209/14 6A61K 31/40 6C07D 209/44 6A61K 31/44 6C07D 213/55 6C07D 213/73**

[25] EN

[54] **BIPHENYLAMIDINE**

DERIVATIVES

[54] **DERIVES DE BIPHENYLAMIDINE**

[72] HARA, TAKAYUKI, JP

[72] TAKARADA, REIKO, JP

[72] NAKADA, TOMOHISA, JP

[72] SUGIURA, SATOSHI, JP

[72] TSUTSUMI, TAKAHARU, JP

[72] TAKANO, YASUNOBU, JP

[72] TAKAZAWA, YOSHIHARU, JP

[71] TEIJIN LIMITED, JP

[85] 2000-05-15

[86] 1998-11-19 (PCT/JP98/05210)

[87] 1999-06-03 (WO99/26919)

[30] JP (9/319696) 1997-11-20

[21] **2,310,331**
[13] A1

[51] **Int.Cl. 6C07C 257/18 6C07D 295/08 6C07D 207/16 6C07F 7/18 6A61K 31/195 6C07D 211/22 6A61K 31/24 6C07D 211/26 6A61K 31/275 6C07D 211/28 6A61K 31/40 6A61K 31/415 6C07D 211/46 6A61K 31/495 6C07D 211/62 6A61K 31/695**

[25] EN

[54] **BIPHENYLAMIDINE**

DERIVATIVES

[54] **DERIVES DE BIPHENYLAMIDINE**

[72] TAKAZAWA, YOSHIHARU, JP

[72] TSUTSUMI, TAKAHARU, JP

[72] SUGIURA, SATOSHI, JP

[72] HARA, TAKAYUKI, JP

[72] NAKADA, TOMOHISA, JP

[72] TAKANO, YASUNOBU, JP

[72] TAKARADA, REIKO, JP

[71] TEIJIN LIMITED, JP

[85] 2000-05-15

[86] 1998-11-19 (PCT/JP98/05209)

[87] 1999-06-03 (WO99/26918)

[30] JP (9/319698) 1997-11-20

[30] JP (10/127498) 1998-05-11

[21] **2,310,332**
[13] A1

[51] **Int.Cl. 6C07D 305/14**

[25] EN

[54] **RECOVERY OF TAXANES FROM PLANT MATERIAL**

[54] **RECUPERATION DE TAXANES**

DANS DES MATIERES VEGETALES

[72] DURZAN, DON J., US

[72] VENTIMIGLIA, FRANK F., US

[71] THE UNIVERSITY OF CALIFORNIA, US

[85] 2000-05-16

[86] 1998-11-18 (PCT/US98/24598)

[87] 1999-05-27 (WO99/25705)

[30] US (08/972,844) 1997-11-18

[21] **2,310,333**
[13] A1

[51] **Int.Cl. 7G06K 9/62**

[25] EN

[54] **DATA DECOMPOSITION/ REDUCTION METHOD FOR VISUALIZING DATA CLUSTERS/SUB-CLUSTERS**

[54] **PROCEDE DE DECOMPOSITION/ REDUCTION DE DONNEES PERMETTANT DE VISUALISER LES GROUPES/SOUS-GROUPES DE DONNEES**

[72] WANG, JOSEPH Y., US

[71] THE CATHOLIC UNIVERSITY OF AMERICA, US

[85] 2000-05-16

[86] 1999-09-17 (PCT/US99/21363)

[87] 2000-03-23 (WO00/16250)

[30] US (60/100,622) 1998-09-17

[30] US (09/398,421) 1999-09-17

[21] **2,310,334**
[13] A1

[51] **Int.Cl. 6F23N 1/10 6F23N 5/02 6F23B 1/32**

[25] EN

[54] **METHOD FOR AUTOMATIZED COMBUSTION AND COMBUSTION APPARATUS**

[54] **PROCEDE DE COMBUSTION AUTOMATISE ET APPAREIL A COMBUSTION**

[72] MAGNUSSON, JAN, SE

[71] SWEDISH BIOBURNER SYSTEM

AKTIEBOLAG, SE

[85] 2000-05-16

[86] 1998-10-13 (PCT/SE98/01836)

[87] 1999-06-10 (WO99/28678)

[30] SE (9704492-9) 1997-12-03

Demandes PCT entrant en phase nationale

[21] **2,310,335**
[13] A1

[51] **Int.Cl. 6C22C 38/38 6C23C 2/02 6C23C 2/06 6C22C 38/22 6C23C 2/28 6C21D 9/46**

[25] EN

[54] **HIGH STRENGTH THIN STEEL SHEET, HIGH STRENGTH ALLOYED HOT-DIP ZINC-COATED STEEL SHEET, AND METHOD FOR PRODUCING THEM**

[54] **FEUILLE MINE D'ACIER HAUTE RESISTANCE, FEUILLE D'ACIER ALLIE HAUTE RESISTANCE REVETUE DE ZINC ET GALVANISEE A CHAUD ET PROCEDE DE PRODUCTION CORRESPONDANT**

[72] TOBIYAMA, YOICHI, JP
[72] SAKATA, KEI, JP
[72] FURUKIMI, OSAMU, JP
[72] SUZUKI, YOSHITSUGU, JP
[72] SHINOHARA, AKIO, JP
[72] OSAWA, KAZUNORI, JP
[72] KATO, CHIAKI, JP
[71] KAWASAKI STEEL CORPORATION, JP

[85] 2000-05-16
[86] 1999-08-01 (PCT/JP99/04385)
[87] 2000-04-06 (WO00/18976)
[30] JP (276034/1998) 1998-09-29
[30] JP (331767/1998) 1998-11-20

[21] **2,310,369**
[13] A1

[51] **Int.Cl. 6G06F 9/38 6G06F 15/82**

[25] EN

[54] **COMPUTER SYSTEM**

[54] **SYSTEME INFORMATIQUE**

[72] SEKI, HAJIME, JP
[71] SEKI, HAJIME, JP

[85] 2000-05-17
[86] 1998-11-19 (PCT/JP98/05230)
[87] 1999-06-03 (WO99/27439)
[30] JP (9-362473) 1997-11-20
[30] JP (10-282118) 1998-10-05

[21] **2,310,370**
[13] A1

[51] **Int.Cl. 6A61F 13/22 6A61F 13/20**

[25] EN

[54] **TAMPON FOR FEMININE HYGIENE OR MEDICAL PURPOSES AND PROCESS FOR PRODUCING THE SAME**

[54] **TAMPON HYGIENIQUE OU A USAGE MEDICAL ET PROCEDE DE PRODUCTION DUDIT TAMPON**

[72] LOCHTE, KARIN, DE
[72] SCHOELLING, HANS-WERNER, DE
[72] LEWIS, ANDREW L., DE
[71] JOHNSON & JOHNSON GMBH, DE

[85] 2000-05-17
[86] 1998-11-27 (PCT/EP98/07672)
[87] 1999-06-10 (WO99/27878)
[30] DE (197 53 665.4) 1997-12-03

[21] **2,310,371**
[13] A1

[51] **Int.Cl. 6F16K 15/20 6B60C 29/00**

[25] EN

[54] **VALVE ACTUATOR**

[54] **POUSSOIR DE SOUPAPE**

[72] VAN DER BLOM, NICOLAAS, DK
[71] NVB INTERNATIONAL A/S, DK

[85] 2000-05-17
[86] 1998-11-19 (PCT/DK98/00507)
[87] 1999-05-27 (WO99/26002)
[30] DK (97 00436) 1997-11-19

[21] **2,310,372**
[13] A1

[51] **Int.Cl. 6A45D 19/02 6B65D 35/12 6F16K 15/14**

[25] EN

[54] **APPLICATOR SYSTEMS**

[54] **SYSTEMES APPLICATEURS**

[72] ODER, REUBEN EARL, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2000-05-17
[86] 1998-11-20 (PCT/US98/24840)
[87] 1999-06-03 (WO99/26511)
[30] GB (9724716.7) 1997-11-21

[21] **2,310,373**
[13] A1

[51] **Int.Cl. 6C11D 3/36 6C11D 3/00 6C11D 3/20 6C11D 3/37**

[25] EN

[54] **USE OF A CRYSTAL GROWTH INHIBITOR TO REDUCE FABRIC ABRASION**

[54] **UTILISATION D'UN INHIBITEUR DE CROISSANCE DES CRISTAUX EN VUE DE REDUIRE L'ABRASION DES TISSUS**

[72] MASSSCHELEIN, AXEL, BE
[72] THOEN, CHRISTIAAN ARTHUR
JACQUES KAMIEL, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2000-05-17
[86] 1998-11-20 (PCT/US98/24817)
[87] 1999-06-03 (WO99/27052)
[30] EP (97870188.6) 1997-11-24
[30] EP (98202165.1) 1998-06-27

[21] **2,310,374**
[13] A1

[51] **Int.Cl. 6H01M 4/58**

[25] EN

[54] **ELECTRODE MATERIAL FOR NEGATIVE POLE OF LITHIUM SECONDARY CELL, ELECTRODE STRUCTURE USING SAID ELECTRODE MATERIAL, LITHIUM SECONDARY CELL USING SAID ELECTRODE STRUCTURE, AND METHOD FOR MANUFACTURING SAID ELECTRODE STRUCTURE AND SAID LITHIUM SECONDARY CELL**

[54] **MATERIAU ELECTRODE POUR POLE NEGATIF D'UNE CELLULE SECONDAIRE AU LITHIUM, STRUCTURE D'ELECTRODE UTILISANT CE MATERIAU ELECTRODE, CELLULE SECONDAIRE AU LITHIUM UTILISANT CETTE STRUCTURE D'ELECTRODE, ET PROCEDE DE FABRICATION DE CETTE STRUCTURE D'ELECTRODE ET DE CETTE CELLULE SECONDAIRE AU LITHIUM**

[72] KAWAKAMI, SOICHIRO, JP
[72] ASAO, MASAYA, JP
[71] CANON KABUSHIKI KAISHA, JP

[85] 2000-05-17
[86] 1999-09-17 (PCT/JP99/05093)
[87] 2000-03-30 (WO00/17949)
[30] JP (10-282087) 1998-09-18
[30] JP (11-50471) 1999-02-26

PCT Applications Entering the National Phase

[21] **2,310,377**
[13] A1

[51] **Int.Cl. 6B01D 53/22**
[25] EN
[54] **THERMALLY POWERED OXYGEN/NITROGEN PLANT INCORPORATING AN OXYGEN SELECTIVE ION TRANSPORT MEMBRANE**
[54] **UNITE D'OXYGENE-AZOTE ALIMENTEE EN ENERGIE THERMIQUE, COMPORTANT UNE MEMBRANE DE TRANSPORT D'IONS PRESENTANT UNE SELECTIVITE POUR L'OXYGENE**
[72] KESKAR, NITIN RAMESH, US
[72] WULF, JAMES BRAGDON, US
[72] PRASAD, RAVI, US
[72] GOTZMANN, CHRISTIAN FRIEDRICH, US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2000-05-17
[86] 1998-11-13 (PCT/US98/24248)
[87] 1999-05-27 (WO99/25459)
[30] US (08/972,020) 1997-11-18

[21] **2,310,378**
[13] A1

[51] **Int.Cl. 6A61B 5/14 6A61B 5/00**
[25] EN
[54] **ANALYTIC MEASURING DEVICE WITH A PUNCTURING AID**
[54] **APPAREIL DE MESURE ANALYTIQUE AVEC ACCESSOIRE DE PIQUAGE**
[72] SCHABBACH, MICHAEL, DE
[72] KINTZIG, HANS, DE
[72] MILTNER, KARL, DE
[72] OBERMEIER, WOLFGANG, DE
[72] MURAWSKI, HANS-RUEDIGER, DE
[71] ROCHE DIAGNOSTICS GMBH, DE
[85] 2000-05-17
[86] 1998-11-30 (PCT/EP98/07706)
[87] 1999-06-10 (WO99/27854)
[30] DE (197 52 688.8) 1997-11-28
[30] DE (198 24 036.8) 1998-05-29

[21] **2,310,381**
[13] A1

[51] **Int.Cl. 6G01N 33/48 6C12N 11/16 6G01N 33/50 6G01N 33/569 6G01N 33/68**
[25] EN
[54] **METHOD AND CELLS TO SCREEN COMBINATORIAL LIBRARIES**
[54] **TECHNIQUE DE CELLULES POUR CRIBLAGE DE BIBLIOTHEQUES COMBINATOIRES**
[72] HIRSH, AARON, US
[72] VONG ABAIN, ALEXANDER, AT
[71] INTERCELL BIOMEDIZINISCHE FORSCHUNGS- UND ENTWICKLUNGS GMBH, AT
[85] 2000-05-17
[86] 1998-12-07 (PCT/EP98/07922)
[87] 1999-06-17 (WO99/30151)
[30] EP (97121451.5) 1997-12-05
[30] EP (98890217.7) 1998-07-23

[21] **2,310,382**
[13] A1

[51] **Int.Cl. 6C12P 19/12 6C13K 11/00 6C12P 19/02**
[25] EN
[54] **A METHOD OF PRODUCING OLIGOSACCHARIDE SYRUPS, A SYSTEM FOR PRODUCING THE SAME AND OLIGOSACCHARIDE SYRUPS**
[54] **PROCEDE DE FABRICATION DE SIROPS D'OLIGOSACCHARIDES, SYSTEME DE FABRICATION CORRESPONDANT ET SIROPS D'OLIGOSACCHARIDES AINSI PRODUITS**
[72] PEDERSEN, SVEN, DK
[72] HENDRIKSEN, HANNE VANG, DK
[71] NOVO NORDISK A/S, DK
[85] 2000-05-17
[86] 1998-11-26 (PCT/DK98/00519)
[87] 1999-06-10 (WO99/28490)
[30] DK (1356/97) 1997-11-26

[21] **2,310,384**
[13] A1

[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **METHOD FOR PRODUCING COMPLEX DNA METHYLATION FINGERPRINTS**
[54] **PROCEDE DE PRODUCTION D'EMPREINTES DE DOIGT COMPLEXES A METHYLATION D'ADN**
[72] OLEK, ALEXANDER, DE
[72] WALTER, JORN, DE
[72] OLEK, SVEN STEFAN, DE
[71] EPIGENOMICS GMBH, DE
[85] 2000-05-17
[86] 1998-11-27 (PCT/DE98/03558)
[87] 1999-06-10 (WO99/28498)
[30] DE (197 54 482.7) 1997-11-27

[21] **2,310,386**
[13] A1

[51] **Int.Cl. 6B29B 7/42 6B29B 7/48**
[25] EN
[54] **CHOPPER MIXING SCREW**
[54] **VIS MELANGEUSE DE TRANCHEUSE**
[72] SCHIRMER, HENRY G., US
[72] SHIDA, MITSUZO, US
[71] BBS CORPORATION, US
[85] 2000-05-17
[86] 1998-11-06 (PCT/US98/23654)
[87] 1999-05-27 (WO99/25528)
[30] US (08/976,138) 1997-11-18

[21] **2,310,387**
[13] A1

[51] **Int.Cl. 6H01Q 3/26 6G01S 7/28 6H01Q 21/29**
[25] EN
[54] **ANTENNA SYSTEM AND METHOD FOR OPERATING AN ANTENNA SYSTEM**
[54] **SYSTEME D'ANTENNES ET PROCEDE PERMETTANT DE LE FAIRE FONCTIONNER**
[72] GREVING, GERHARD, DE
[71] AIRSYS NAVIGATION SYSTEMS GMBH, DE
[85] 2000-05-17
[86] 1998-11-19 (PCT/IB98/01831)
[87] 1999-05-27 (WO99/26313)
[30] DE (197 51 122.8) 1997-11-19

Demandes PCT entrant en phase nationale

[21] **2,310,389**
[13] A1

[51] **Int.Cl. 6F23R 3/28**
[25] EN
[54] **COMBUSTOR FOR GAS TURBINE POUR TURBINE A GAZ**
[72] KAMOGAWA, MASAHIRO, JP
[72] AKAMATSU, SHINJI, JP
[72] HARUTA, HIDEKI, JP
[72] OTA, MASATAKA, JP
[72] NISHIDA, KOICHI, JP
[72] MANDAI, SHIGEMI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2000-05-17
[86] 1999-09-17 (PCT/JP99/05095)
[87] 2000-03-30 (WO00/17578)
[30] JP (10-262756) 1998-09-17

[21] **2,310,396**
[13] A1

[51] **Int.Cl. 6B21J 15/08 6B21J 15/02**
[25] EN
[54] **METHOD AND DEVICE FOR THERMALLY SUPPORTING MECHANICAL JOINTS**
[54] **PROCEDE ET DISPOSITIF POUR L'ASSEMBLAGE MECANIQUE ASSISTE PAR CHAUFFAGE**
[72] CARSTENSEN, HARTMUT, DE
[72] MAUERMANN, REINHARD, DE
[72] LIEBRECHT, FRITZ, DE
[72] DONHAUSER, GEORG, DE
[71] TECHNISCHE UNIVERSITAT DRESDEN, DE
[71] ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH, DE
[71] KERBKONUS-VERTRIEBS-GMBH, DE
[85] 2000-05-17
[86] 1998-11-17 (PCT/DE98/03393)
[87] 1999-05-27 (WO99/25510)
[30] DE (197 50 831.6) 1997-11-17
[30] DE (198 52 809.4) 1998-11-17

[21] **2,310,398**
[13] A1

[51] **Int.Cl. 6C07D 491/147 6C07D 239/28 6C07D 309/32 6A61K 31/505**
[25] EN
[54] **5H-PYRANO-2,3-D:6,5-D'DIPYRIMIDINE DERIVATIVES HAVING AN ANTIBACTERIAL, ANTIVIRAL AND IMMUNOMODULATING ACTIVITY**
[54] **DERIVES DE 5H-PYRANO-2,3-D:6,5-D'DIPYRIMIDINE AYANT UNE ACTION ANTIBACTERIENNE, ANTIVIRALE ET IMMUNOMODULATRICE**
[72] ASHKINAZI, RIMMA ILIINICHNA, RU
[71] VIKTOR VENIAMINOVICH TETS, RU
[85] 2000-05-17
[86] 1997-11-19 (PCT/RU97/00371)
[87] 1999-05-27 (WO99/25718)

[21] **2,310,400**
[13] A1

[51] **Int.Cl. 6C07G 17/00 6C12P 1/06 6C12N 1/20 6A61K 35/74 6C12N 9/99**
[25] EN
[54] **NOVEL PHYSIOLOGICALLY ACTIVE SUBSTANCE SULPHOSTIN, PROCESS FOR PRODUCING THE SAME, AND USE THEREOF**
[54] **SUBSTANCE PHYSIOLOGIQUEMENT ACTIVE, LA SULPHOSTINE, PROCEDE DE FABRICATION ET UTILISATION**
[72] AKIYAMA, TETSUO, JP
[72] MURAOKA, YASUHIKO, JP
[72] TAKAHASHI, YOSHIKAZU, JP
[72] TAKEUCHI, TOMIO, JP
[72] HAMADA, MASA, JP
[72] ABE, MASATOSHI, JP
[72] NAGANAWA, HIROSHI, JP
[71] ZAIDAN HOJIN BISEIBUTSU KAGAKU KENKYU KAI, JP
[85] 2000-05-17
[86] 1998-11-17 (PCT/JP98/05164)
[87] 1999-05-27 (WO99/25719)
[30] JP (9/317221) 1997-11-18

[21] **2,310,401**
[13] A1

[51] **Int.Cl. 6C07C 317/44 6A61K 31/19 6C07C 317/46 6C07C 317/48**
[25] EN
[54] **ALPHA-HYDROXY, -AMINO AND -FLUORO DERIVATIVES OF BETA-SULPHONYL HYDROXAMIC ACIDS AS MATRIX METALLOPROTEINASES INHIBITORS**
[54] **DERIVES .ALPHA.-HYDROXY, AMINO ET HALO D'ACIDES HYDROXAMIQUES .BETA.-SULFONYLE UTILISES COMME INHIBITEURS DE METALLOPROTEINASES MATRICIELLES**
[72] WARPEHOSKI, MARTHA A., US
[72] MITCHELL, MARK ALLEN, US
[72] HARPER, DONALD E., US
[72] MAGGIORA, LINDA LOUISE, US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2000-05-17
[86] 1998-11-18 (PCT/IB98/02154)
[87] 1999-06-03 (WO99/26909)
[30] US (60/072,655) 1997-11-21

[21] **2,310,404**
[13] A1

[51] **Int.Cl. 6C11D 1/94 6C11D 17/00 6C11D 3/04 6A61K 7/50 6C11D 1/75 6C11D 1/90 6C11D 1/92**
[25] EN
[54] **COMPOSITION CONTAINING AMINE OXIDE AND BETAIN COMPOUNDS**
[54] **COMPOSITION CONTENANT DES COMPOSES D'OXYDES D'AMINE ET DE BETAINES**
[72] ABBAS, SYED HUSAIN, US
[72] STRINGER, ORUM D., US
[72] SUBRAMANYAM, RAVI, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2000-05-17
[86] 1998-11-18 (PCT/US98/24770)
[87] 1999-06-03 (WO99/27048)
[30] US (08/975,591) 1997-11-20

PCT Applications Entering the National Phase

[21] **2,310,405**
[13] A1

[51] **Int.Cl. 6B65G 35/08**
[25] EN
[54] **CONVEYOR DEVICE AND CORRESPONDING TRANSPORT MEANS**
[54] **CONVOYEUR ET ELEMENT DE TRANSPORT CORRESPONDANT**
[72] EBERLE, JURG, CH
[71] FERAG AG, CH
[85] 2000-05-17
[86] 1998-12-09 (PCT/CH98/00525)
[87] 1999-07-08 (WO99/33722)
[30] CH (2964/97) 1997-12-23

[21] **2,310,406**
[13] A1

[51] **Int.Cl. 6H04N 7/167 6H04L 9/08**
[25] EN
[54] **METHOD FOR SECURING A SYSTEM PROTECTED BY KEY HIERARCHY**
[54] **PROCEDE POUR SECURISER UN SYSTEME PROTEGE PAR UNE HIERARCHIE CRYPTOGRAPHIQUE**
[72] SCHWENK, JORG, DE
[71] DEUTSCHE TELEKOM AG, DE
[85] 2000-05-17
[86] 1997-12-18 (PCT/EP97/07124)
[87] 1999-07-01 (WO99/33270)

[21] **2,310,407**
[13] A1

[51] **Int.Cl. 6A61K 31/445 6A61K 9/48**
[25] EN
[54] **FORMULATIONS COMPRISING DISSOLVED PAROXETINE**
[54] **FORMULATIONS CONTENANT DE LA PAROXETINE DISSOUTE**
[72] LEONARD, GRAHAM STANLEY, GB
[72] GHAZAWI, AHMAD, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2000-05-17
[86] 1998-11-18 (PCT/GB98/03471)
[87] 1999-06-03 (WO99/26625)
[30] US (9724544.3) 1997-11-21

[21] **2,310,408**
[13] A1

[51] **Int.Cl. 6B22D 21/04 6B22D 17/02 6B22D 17/08 6B22D 17/30**
[25] EN
[54] **MAGNESIUM PRESSURE CASTING**
[54] **MOULAGE D'ALLIAGE DE MAGNESIUM SOUS PRESSION**
[72] MURRAY, MORRIS TAYLOR, US
[72] COPE, MATTHEW ALAN, US
[71] COMMONWEALTH SCIENTIFIC & INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2000-05-17
[86] 1998-11-30 (PCT/AU98/00987)
[87] 1999-06-10 (WO99/28065)
[30] AU (PP0604) 1997-11-28

[21] **2,310,409**
[13] A1

[51] **Int.Cl. 6C09D 1/02 6C03C 17/00**
[25] EN
[54] **WATER-BASED PAINT INCLUDING GLASS PARTICULATE**
[54] **PEINTURE A BASE D'EAU RENFERMANT DES PARTICULES DE VERRE**
[72] BOAZ, PREMAKARAN TUCKER, US
[71] FORD MOTOR COMPANY, US
[85] 2000-05-17
[86] 1998-07-17 (PCT/GB98/02139)
[87] 1999-05-27 (WO99/25773)
[30] US (08/972,832) 1997-11-18

[21] **2,310,410**
[13] A1

[51] **Int.Cl. 6C07D 239/62 6A61K 31/515 6C07D 239/64 6C07D 239/66 6C07D 239/68**
[25] EN
[54] **SALTS OF 5,5'-ARYLIDENE BISBARBITURIC AND 5,5'-ARYLIDENE BIS(2-THIOBARBITURIC) ACIDS AND 5,5'-ARYLIDENE BIS(2-THIOBARBITURIC) ACIDS HAVING AN ANTIBACTERIAL, ANTI-CHLAMYDIAL, ANTIVIRAL AND IMMUNO-MODULATING ACTIVITY**
[54] **SELS D'ACIDES 5,5'-ARYLIDENE BISBARBITURIQUES ET 5,5'-ARYLIDENE BIS(2-THIOBARBITURIQUES) ET ACIDES 5,5'-ARYLIDENE BIS(2-THIOBARBITURIQUES) AYANT UNE ACTION ANTIBACTERIENNE, ANTI-CHLAMYDIOSE, ANTIVIRALE ET IMMUNO-MODULATRICE**
[72] ASHKINAZI, RIMMA ILINICHNA, RU
[71] VIKTOR VENIAMINOVICH TETS, RU
[85] 2000-05-17
[86] 1997-11-19 (PCT/RU97/00372)
[87] 1999-05-27 (WO99/25699)

[21] **2,310,411**
[13] A1

[51] **Int.Cl. 6C21D 9/54**
[25] EN
[54] **COIL BOX OVEN**
[54] **FOUR POUR CAISSE A ROULEAU**
[72] THIEMANN, GERD, DE
[72] NOWAK, MICHAEL, DE
[72] BECKER, ERNST-ULRICH, DE
[72] BOSSELMANN, DETLEF, DE
[72] DEGNER, MICHAEL, DE
[71] THYSSEN KRUPP STAHL AG, DE
[85] 2000-05-17
[86] 1998-11-14 (PCT/EP98/07298)
[87] 1999-05-27 (WO99/25883)
[30] DE (197 50 998.3) 1997-11-18

[21] **2,310,412**
[13] A1

[51] **Int.Cl. 6B44F 1/04 6A47G 1/02**
[25] EN
[54] **DECORATIVE MIRROR UNIT**
[54] **ENSEMBLE MIROIR DECORATIF**
[72] WHINNEY, IAN PHILIP, GB
[71] WHINNEY, IAN PHILIP, GB
[85] 2000-05-17
[86] 1998-11-17 (PCT/GB98/03409)
[87] 1999-05-27 (WO99/25569)
[30] GB (9724245.7) 1997-11-18

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| <p style="text-align: right;">[21] 2,310,413 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/00 [25] EN [54] INTERACTIVE MARKETING NETWORK AND PROCESS USING ELECTRONIC CERTIFICATES [54] RESEAU DE VENTE INTERACTIF ET PROCEDE UTILISANT DES CERTIFICATS ELECTRONIQUES [72] MOOG, MATTHEW, US [72] WILDE, MICHAEL, US [72] LEVIN, HILLEL, US [72] GOLDEN, STEVEN M., US [72] KORDAS, JACK, US [72] JUREWICZ, JOHN, US [72] CUPLINSKAS, VYTAS, US [71] COOLSAVINGS.COM INC., US [85] 2000-05-17 [86] 1999-05-05 (PCT/US99/09960) [87] 1999-11-11 (WO99/57670) [30] US (09/073,334) 1998-05-06</p> | <p style="text-align: right;">[21] 2,310,418 [13] A1</p> <p>[51] Int.Cl. 6G06F 7/36 [25] EN [54] APPARATUS FOR MULTIPRECISION INTEGER ARITHMETIC [54] APPAREIL POUR ARITHMETIQUE MULTIPRECISION D'ENTIERES [72] SABIN, MICHAEL J., US [72] HEISING, MARK W., US [71] AMTEL CORPORATION, US [85] 2000-05-17 [86] 1998-11-04 (PCT/US98/23476) [87] 1999-06-03 (WO99/27437) [30] US (08/979,803) 1997-11-26</p> | <p style="text-align: right;">[21] 2,310,423 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/16 6A61K 9/14 [25] EN [54] PHARMACEUTICAL COMPOSITIONS HAVING THE SHAPE OF POWDERS OF CROSS-LINKED POLYMERS LOADED WITH DRUGS AND RELATED PREPARATION PROCESS BY SUPERCRITICAL FLUIDS [54] COMPOSITIONS PHARMACEUTIQUES AYANT LA FORME DE POUDRES DE POLYMERES RETICULES CHARGES DE MEDICAMENTS ET PROCEDE DE PREPARATION CORRESPONDANT AU MOYEN DE FLUIDES SUPERCRITIQUES [72] ALESSI, PAOLO, IT [72] CARLI, FABIO, IT [72] CORTESI, ANGELO, IT [72] COLOMBO, ITALO, IT [72] KIKIC, IRENEO, IT [71] EURAND INTERNATIONAL S.P.A., IT [85] 2000-05-17 [86] 1998-11-16 (PCT/EP98/07311) [87] 1999-05-27 (WO99/25322) [30] IT (MI97A002571) 1997-11-19</p> |
| <p style="text-align: right;">[21] 2,310,415 [13] A1</p> <p>[51] Int.Cl. 6H04Q 3/00 6H04Q 7/22 [25] EN [54] SERVICE TO MOBILE STATIONS [54] SERVICES AU PROFIT DE STATIONS MOBILES [72] OLIN, ANDERS, SE [72] GRANBERG, CHRISTER, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-05-17 [86] 1998-11-03 (PCT/SE98/01994) [87] 1999-05-27 (WO99/26428) [30] US (08/971,735) 1997-11-17</p> | <p style="text-align: right;">[21] 2,310,421 [13] A1</p> <p>[51] Int.Cl. 6C09D 4/00 6C08F 222/32 6C08F 2/44 [25] EN [54] STABILISED CYANOACRYLATE ADHESIVES [54] COLLES DE CYANO-ACRYLATE STABILISEES [72] MISIAK, HANNS-ROLAND, DE [72] BEHN, DAGMAR, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2000-05-17 [86] 1998-11-09 (PCT/EP98/07149) [87] 1999-05-27 (WO99/25774) [30] DE (197 50 802.2) 1997-11-17</p> | <p style="text-align: right;">[21] 2,310,426 [13] A1</p> <p>[51] Int.Cl. 6A61B 1/00 [25] EN [54] DEVICE FOR ENDOSCOPIC VESSEL HARVESTING [54] DISPOSITIF ENDOSCOPIQUE DE PRELEVEMENT DE VAISSEAUX [72] PUSKAS, JOHN D., US [71] EMORY UNIVERSITY, US [85] 2000-05-17 [86] 1998-11-18 (PCT/US98/24644) [87] 1999-05-27 (WO99/25238) [30] US (60/065,618) 1997-11-18</p> |
| <p style="text-align: right;">[21] 2,310,416 [13] A1</p> <p>[51] Int.Cl. 6H03B 5/12 [25] EN [54] MONOLITHIC HIGH FREQUENCY VOLTAGE CONTROLLED OSCILLATOR TRIMMING CIRCUIT [54] CIRCUIT D'EQUILIBRAGE D'UN OSCILLATEUR MONOLITHIQUE HAUTE FREQUENCE COMMANDE EN TENSION [72] BJORK, CHRISTIAN, SE [72] LANTZ, MARTIN, SE [72] GARDENFORS, TORBJORN, SE [72] MARHOLEV, BOJKO, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-05-17 [86] 1998-11-10 (PCT/SE98/02024) [87] 1999-05-27 (WO99/26335) [30] US (08/971,770) 1997-11-17</p> | <p style="text-align: right;">[21] 2,310,422 [13] A1</p> <p>[51] Int.Cl. 6C08B 37/10 6A61K 31/725 [25] EN [54] LOW-MOLECULAR HEPARIN MODIFICATION AND REMEDY FOR SKIN ULCER [54] MODIFICATION DE L'HEPARINE DE FAIBLE MASSE MOLECULAIRE ET REMEDE CONTRE L'ULCERE DE LA PEAU [72] TODA, KEN-ICHI, JP [72] YAMASHINA, IKUO, JP [72] OKAYAMA, MINORU, JP [71] YAMASHINA, IKUO, JP [85] 2000-05-17 [86] 1998-11-18 (PCT/JP98/05191) [87] 1999-06-03 (WO99/26984) [30] JP (9-319997) 1997-11-20</p> | |

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| <p style="text-align: center;">[21] 2,310,427 [13] A1</p> <p>[51] Int.Cl. 6C07D 301/14 [25] EN [54] EPOXIDATION PROCESS USING SERIALY CONNECTED CASCADE OF FIXED BED REACTORS [54] PROCEDE D'EPOXYDATION UTILISANT DES REACTEURS EN CASCADE OU A LIT FIXE, RELIES EN SERIE [72] DANNER, JEFFREY B., US [72] JUBIN, JOHN C., JR., US [71] ARCO CHEMICAL TECHNOLOGY, L.P., US [85] 2000-05-17 [86] 1998-09-23 (PCT/EP98/06059) [87] 1999-07-01 (WO99/32472) [30] US (08/995,239) 1997-12-19</p> | <p style="text-align: center;">[21] 2,310,430 [13] A1</p> <p>[51] Int.Cl. 6B63B 1/38 [25] EN [54] ENERGY EFFICIENT SYSTEM AND METHOD FOR REDUCING WATER FRICTION ON THE HULL OF A MARINE VESSEL [54] SYSTEME ET PROCEDE A HAUT RENDEMENT ENERGETIQUE POUR LA REDUCTION DU FROTTEMENT DE L'EAU SUR LA COQUE D'UNE EMBARCATION [72] WIPPER, DANIEL J., US [71] WIPPER, DANIEL J., US [85] 2000-05-17 [86] 1998-12-02 (PCT/US98/25503) [87] 1999-06-10 (WO99/28180) [30] US (08/982,622) 1997-12-02</p> | <p style="text-align: center;">[21] 2,310,434 [13] A1</p> <p>[51] Int.Cl. 6C11D 3/37 6C11D 3/20 6C11D 3/36 [25] EN [54] STABILISED FABRIC SOFTENING COMPOSITIONS [54] COMPOSITIONS ADOUCISSANTES STABILISEES POUR TISSUS [72] THOEN, CHRISTIAAN, ARTHUR JACQUES KAMIEL, US [72] MASSCHELEIN, AXEL, BE [72] CEULEMANS, RAPHAEL ANGELINE ALFONS, BE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-05-17 [86] 1998-11-20 (PCT/US98/24838) [87] 1999-06-03 (WO99/27056) [30] EP (97870187.8) 1997-11-24 [30] EP (98202164.4) 1998-06-27</p> |
| <p style="text-align: center;">[21] 2,310,429 [13] A1</p> <p>[51] Int.Cl. 6C07D 301/10 6B01J 23/50 [25] EN [54] EPOXIDATION PROCESS USING SUPPORTED SILVER CATALYSTS TREATED WITH CARBON DIOXIDE [54] PROCEDE D'EPOXYDATION UTILISANT DES CATALYSEURS D'ARGENT SUPPORTES SUR UN SOLIDE TRAITES PAR DIOXYDE DE CARBONE [72] GAFFNEY, ANNE M., US [72] JEWSON, JENNIFER D., US [72] KAHN, ANDREW P., US [72] COOKER, BERNARD, US [71] ARCO CHEMICAL TECHNOLOGY, L.P., US [85] 2000-05-17 [86] 1998-08-31 (PCT/EP98/05515) [87] 1999-07-01 (WO99/32471) [30] US (08/993,466) 1997-12-18</p> | <p style="text-align: center;">[21] 2,310,433 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/435 6A61K 9/08 6A61K 47/28 6A61K 31/47 6A61K 31/495 [25] EN [54] METHOD FOR SOLUBILIZING PYRIDONECARBOXYLIC ACID, SOLUBILIZER THEREFOR, AQUEOUS SOLUTION PREPARATIONS CONTAINING PYRIDONECARBOXYLIC ACID AND PROCESS FOR PRODUCING THE SAME [54] PROCEDE DE SOLUBILISATION DE L'ACIDE PYRIDONECARBOXYLIQUE, SOLUBILISANT A CET EFFET, PREPARATIONS DE SOLUTIONS AQUEUSES CONTENANT DE L'ACIDE PYRIDONECARBOXYLIQUE ET LEUR PROCEDE DE PRODUCTION [72] SAWA, SHIROU, JP [71] SENJU PHARMACEUTICAL CO., LTD., JP [85] 2000-05-17 [86] 1999-09-13 (PCT/JP99/04992) [87] 2000-03-30 (WO00/16774) [30] JP (10/265523) 1998-09-18</p> | <p style="text-align: center;">[21] 2,310,435 [13] A1</p> <p>[51] Int.Cl. 6F23M 5/04 6F23M 5/08 [25] EN [54] REFRACTORY LINING FOR TUBULAR WALL [54] REVETEMENT DE PAROI TUBULAIRE REFRACTAIRE [72] KERN, ANDREAS, CH [71] MOKESYS AG, CH [85] 2000-05-17 [86] 1998-10-22 (PCT/CH98/00453) [87] 1999-05-27 (WO99/26023) [30] CH (2672/97) 1997-11-18</p> |

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[21] **2,310,437**
[13] A1

[51] **Int.Cl. 6H01M 4/96 6C04B 38/00 6C04B 35/524**
[25] EN
[54] **GAS DIFFUSION ELECTRODES AND THE PRODUCTION THEREOF**
[54] **ELECTRODE DE SEPARATION PAR DIFFUSION GAZEUSE ET SA PRODUCTION**
[72] LIPINSKI, MATTHIAS, DE
[72] LEUSCHNER, RAINER, DE
[72] FRICKE, JOCHEN, DE
[72] PETRICEVIC, RAINO, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[71] BAYERISCHES ZENTRUM FUR ANGEWANDTE ENERGIEFORSCHUNG E.V., DE
[85] 2000-05-17
[86] 1998-11-18 (PCT/DE98/03417)
[87] 1999-06-03 (WO99/27597)
[30] DE (197 51 297.6) 1997-11-19

[21] **2,310,438**
[13] A1

[51] **Int.Cl. 6C09D 5/18**
[25] EN
[54] **INTUMESCENT FLAME-RETARDANT COATINGS**
[54] **MATERIAUX DE REVETEMENT INTUMESCENTS IGNIFUGEANTS**
[72] POMREHN, BERND, DE
[72] ARNSMANN, GUIDO, DE
[72] PIRIG, WOLF-DIETER, DE
[71] CLARIANT GMBH, DE
[85] 2000-05-17
[86] 1998-11-12 (PCT/EP98/07239)
[87] 1999-06-03 (WO99/27021)
[30] DE (197 51 434.0) 1997-11-20

[21] **2,310,441**
[13] A1

[51] **Int.Cl. 6A61K 7/13 6A45D 19/00**
[25] EN
[54] **FLUID DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE FLUIDE**
[72] BURROWES, LEE, GB
[72] SILBER, ANDREW DAVID, GB
[72] ODER, REUBEN, US
[72] ALLEN, LESLEY, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-17
[86] 1998-11-20 (PCT/US98/24836)
[87] 1999-06-03 (WO99/26596)
[30] GB (9724713.4) 1997-11-21

[21] **2,310,446**
[13] A1

[51] **Int.Cl. 6C11D 3/37 6C11D 3/30**
[25] EN
[54] **DETERGENT COMPOSITIONS COMPRISING POLYMERIC SUDS ENHANCERS AND THEIR USE**
[54] **COMPOSITIONS DETERGENTES COMPRENANT DES ACTIVATEURS POLYMERES DE MOUSSE, ET LEUR UTILISATION**
[72] SCHEPER, WILLIAM MICHAEL, US
[72] KLUESENER, BERNARD WILLIAM, US
[72] SCHAFFER, MICHAEL GAYLE, US
[72] SIVIK, MARK ROBERT, US
[72] KASTURI, CHANDRIKA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-17
[86] 1998-11-20 (PCT/US98/24853)
[87] 1999-06-03 (WO99/27058)
[30] US (60/066,344) 1997-11-21
[30] US (60/087,709) 1998-06-02

[21] **2,310,447**
[13] A1

[51] **Int.Cl. 6G01N 33/15 6G01T 1/00 6G01N 33/487**
[25] EN
[54] **METHODS AND APPARATUS FOR DETERMINING BETA RADIATION SPECTRA**
[54] **PROCEDES ET DISPOSITIF DE DETERMINATION DE SPECTRES DE RAYONNEMENTS BETA**
[72] CONTE, ROLLAND RENE, FR
[72] LASNE, YVES, FR
[71] MEDICINE QUANTALE LIMITED, AU
[85] 2000-05-17
[86] 1998-11-16 (PCT/GB98/03444)
[87] 1999-05-27 (WO99/26065)
[30] GB (9724384.4) 1997-11-18
[30] GB (9823314.1) 1998-10-23

[21] **2,310,449**
[13] A1

[51] **Int.Cl. 6B65D 47/08 6B65D 43/06**
[25] EN
[54] **A CONTAINER FOR FOODSTUFFS**
[54] **RECIPIENT POUR PRODUITS ALIMENTAIRES**
[72] RICHARDSON, SEAN ANTHONY, IT
[72] KETTING, WILLEM-HENDRIK, NL
[71] UNILEVER PLC, GB
[85] 2000-05-17
[86] 1998-11-11 (PCT/EP98/07325)
[87] 1999-05-27 (WO99/25622)
[30] DE (19751321.2) 1997-11-19
[30] DE (29720431.9) 1997-11-19

[21] **2,310,450**
[13] A1

[51] **Int.Cl. 6G06T 15/50**
[25] EN
[54] **VOLUME RENDERING LIGHTING USING DOT PRODUCT METHODOLOGY**
[54] **OMBRES DE RENDU DE VOLUME UTILISANT UNE TECHNIQUE DE PRODUIT SCALAIRE**
[72] ARGIRO, VINCENT J., US
[71] VITAL IMAGES, INC., US
[85] 2000-05-17
[86] 1998-11-23 (PCT/US98/25061)
[87] 1999-06-03 (WO99/27497)
[30] US (08/978,984) 1997-11-26

[21] **2,310,451**
[13] A1

[51] **Int.Cl. 6A43D 100/14 6A41H 37/02**
[25] EN
[54] **DEVICE FOR REMOVING EYELETS**
[54] **DISPOSITIF POUR ENLEVER DES OEILLETS**
[72] FREY, HELMUT, DE
[71] FREY, HELMUT, DE
[85] 2000-05-17
[86] 1998-11-05 (PCT/DE98/03221)
[87] 1999-06-03 (WO99/26506)
[30] DE (197 51 960.1) 1997-11-24

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[21] **2,310,452**
[13] A1

[51] **Int.Cl. 6B68G 9/00 6A47C 25/00 6A47C 23/04**
[25] EN
[54] **DOUBLE SPRING MATTRESS AND MANUFACTURING PROCESS**
[54] **MATELAS A DOUBLES RESSORTS ET SON PROCEDE DE PRODUCTION**
[72] STJERNA, NILSERIC, SE
[71] STJERNFJÄDRAR AB, SE
[85] 2000-05-17
[86] 1998-12-10 (PCT/SE98/02275)
[87] 1999-07-15 (WO99/35081)
[30] SE (9704746-8) 1997-12-19

[21] **2,310,453**
[13] A1

[51] **Int.Cl. 6C23C 22/02 6C09D 4/00**
[25] EN
[54] **POLYMERISABLE, CHROMIUM-FREE, ORGANIC COIL COATING MEDIA**
[54] **ENDUCTION EN CONTINU DE BANDES PAR UN REVETEMENT ORGANIQUE, EXEMPT DE CHROME ET POLYMERISABLE**
[72] SCHIEFERSTEIN, LUDWIG, DE
[72] FISCHER, HERBERT, DE
[72] KUEPPER, STEFAN, DE
[72] GORZINSKI, MANFRED, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2000-05-17
[86] 1998-11-10 (PCT/EP98/07161)
[87] 1999-05-27 (WO99/25897)
[30] DE (197 51 153.8) 1997-11-19

[21] **2,310,454**
[13] A1

[51] **Int.Cl. 6C12N 9/54 6C11D 3/386**
[25] EN
[54] **PROTEASE VARIANTS AND COMPOSITIONS**
[54] **VARIANTES DU TYPE PROTEASE ET COMPOSITIONS**
[72] MIKKELSEN, FRANK, DK
[72] BAUDITZ, PETER, DK
[72] HANSEN, PETER KAMP, DK
[71] NOVO NORDISK A/S, DK
[85] 2000-05-17
[86] 1998-11-17 (PCT/DK98/00496)
[87] 1999-06-03 (WO99/27082)
[30] DK (1332/97) 1997-11-21

[21] **2,310,455**
[13] A1

[51] **Int.Cl. 6B42D 15/00**
[25] EN
[54] **LAMINATED ARTICLE**
[54] **ARTICLE STRATIFIE**
[72] ATTIA, OMAR, US
[72] JACKSON, BLAINE, US
[72] SAINT, ANDRE, US
[72] ULRICH, BRETT, US
[71] AVERY DENNISON CORPORATION, US
[85] 2000-05-17
[86] 1998-11-13 (PCT/US98/24328)
[87] 1999-05-27 (WO99/25565)
[30] US (08/971,331) 1997-11-17

[21] **2,310,456**
[13] A1

[51] **Int.Cl. 6C08J 5/18 6C08L 23/02 6C08L 23/16**
[25] EN
[54] **MODIFICATION OF THERMOPLASTIC VULCANIZATES WITH A THERMOPLASTIC RANDOM COPOLYMER OF ETHYLENE**
[54] **MODIFICATION DE VULCANISATS THERMOPLASTIQUES AU MOYEN D'UN COPOLYMERE D'ETHYLENE THERMOPLASTIQUE STATISTIQUE**
[72] FINERMAN, TERRY M., US
[72] ELLUL, MARIA D., US
[72] ABDOU-SABET, SABET, US
[71] ADVANCED ELASTOMER SYSTEMS, L.P., US
[85] 2000-05-17
[86] 1998-09-18 (PCT/US98/19504)
[87] 1999-06-03 (WO99/27001)
[30] US (08/975,420) 1997-11-20

[21] **2,310,457**
[13] A1

[51] **Int.Cl. 6A45D 19/02 6A45D 24/26**
[25] EN
[54] **PRODUCT APPLICATOR**
[54] **APPLICATEUR DE PRODUIT**
[72] LANEY, ROSEMARY JANE, GB
[72] OAKES, LAURA ANNE, GB
[72] ALLEN, LESLEY CAROLINE, GB
[72] DIAS, LOUIS CARLOS, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-17
[86] 1998-11-18 (PCT/US98/24639)
[87] 1999-06-03 (WO99/26508)
[30] GB (9724713.4) 1997-11-21
[30] GB (9724714.2) 1997-11-21
[30] GB (9724715.9) 1997-11-21
[30] GB (9724716.7) 1997-11-21

[21] **2,310,458**
[13] A1

[51] **Int.Cl. 6C07D 491/107 6C07D 209/00 6C07D 221/00 6C07D 307/00 6C07D 311/00 6C07D 471/10 6C07D 498/10 6C07D 221/20 6C07D 471/20 6C07D 491/20 6C07D 498/20 6A61K 31/44**
[25] EN
[54] **PIPERIDINE DERIVATIVES**
[54] **DERIVES DE PIPERIDINE**
[72] CESURA, ANDREA, CH
[72] ADAM, GEO, DE
[72] GALLEY, GUIDO, DE
[72] WICHMANN, JURGEN, DE
[72] JENCK, FRANCOIS, FR
[72] ROVER, STEPHAN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2000-05-17
[86] 1998-12-03 (PCT/EP98/07864)
[87] 1999-06-17 (WO99/29696)
[30] EP (97121844.1) 1997-12-11

[21] **2,310,459**
[13] A1

[51] **Int.Cl. 6F41G 1/36**
[25] EN
[54] **OPTICAL ACCESSORY**
[54] **ACCESSOIRE OPTIQUE**
[72] BROUGH, RICHARD, US
[71] HENRY TECHNICAL SERVICES, INC., US
[85] 2000-05-17
[86] 1998-11-17 (PCT/US98/24408)
[87] 1999-06-03 (WO99/27318)
[30] US (08/971,728) 1997-11-17

[21] **2,310,460**
[13] A1

[51] **Int.Cl. 6B32B 5/16 6B22F 1/00 6B22F 1/02 6H02K 1/22 6G11B 5/66**
[25] EN
[54] **FERROMAGNETIC POWDER FOR LOW CORE LOSS, WELL-BONDED PARTS**
[54] **POUDRE FERROMAGNETIQUE POUR ELEMENTS FORTEMENT AGGLUTINES A FAIBLE PERTE DANS LE NOYAU**
[72] BEANE, GLENN L., US
[72] LASHMORE, DAVID S., US
[72] DERESH, LEV, US
[72] HUA, ZONG LU, US
[71] MATERIALS INNOVATION, INC., US
[85] 2000-05-17
[86] 1998-12-07 (PCT/US98/25954)
[87] 1999-06-24 (WO99/30901)
[30] US (60/069,832) 1997-12-16
[30] US (09/010,073) 1998-01-21

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[21] **2,310,461**
[13] A1

[51] **Int.Cl. 6C09D 17/00 6C09B 67/00 6C09D 11/00**
[25] EN
[54] **INORGANIC PIGMENTS CONTAINING PIGMENT PREPARATIONS**
[54] **PREPARATIONS PIGMENTEES CONTENANT DES PIGMENTS INORGANIQUES.**
[72] HOHEISEL, WERNER, DE
[72] HAUSCHEL, BERND, DE
[72] NYSSSEN, PETER-ROGER, DE
[72] GONZALEZ-BLANCO, JUAN, DE
[72] KUCKERT, EBERHARD, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2000-05-17
[86] 1998-11-10 (PCT/EP98/07165)
[87] 1999-06-03 (WO99/27024)
[30] DE (197 51 448.0) 1997-11-20

[21] **2,310,462**
[13] A1

[51] **Int.Cl. 6A61K 45/00 6C07K 1/00 6A61K 39/385**
[25] EN
[54] **LINEAR ANTIGEN SUPPORTING UNITS**
[54] **UNITES SUPPORTS D'UN ANTIGENE DROITE**
[72] SCHWABE, CHRISTIAN, US
[71] MEDICAL UNIVERSITY OF SOUTH CAROLINA, US
[85] 2000-05-17
[86] 1998-11-13 (PCT/US98/24197)
[87] 1999-05-27 (WO99/25381)
[30] US (60/065,636) 1997-11-18

[21] **2,310,463**
[13] A1

[51] **Int.Cl. 6H04M 1/64 6H04M 7/00 6H04M 1/65**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING INTEGRATED WIRELINE/WIRELESS VOICE MESSAGING SERVICE**
[54] **PROCEDE ET SYSTEME PERMETTANT D'OFFRIR UN SERVICE INTEGRE DE MESSAGERIE VOCALE FILAIRE OU RADIO**
[72] ERTZ, DOUGLAS J., US
[71] U S WEST, INC., US
[85] 2000-05-17
[86] 1998-12-11 (PCT/US98/26452)
[87] 1999-06-17 (WO99/30471)
[30] US (08/989,805) 1997-12-12

[21] **2,310,464**
[13] A1

[51] **Int.Cl. 6B05B 1/30 6F16K 7/04**
[25] EN
[54] **VARIABLE FLOW CONTROL DEVICE FOR PRECISION APPLICATION**
[54] **DISPOSITIF DE REGLAGE D'ECOULEMENT VARIABLE POUR APPLICATIONS DE PRECISION**
[72] WOMAC, ALVIN R., US
[72] BUI, QUY DUC, US
[71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US
[85] 2000-05-17
[86] 1998-10-20 (PCT/US98/22109)
[87] 1999-05-27 (WO99/25482)
[30] US (08/972,850) 1997-11-18

[21] **2,310,465**
[13] A1

[51] **Int.Cl. 6G02B 5/128 6G09F 13/22**
[25] EN
[54] **LUMINOUS RETROREFLECTIVE SHEETING AND METHOD FOR MAKING SAME**
[54] **REVETEMENTS RETROREFLECHISSANTS LUMINEUX ET PROCEDES DE FABRICATION**
[72] ARAKI, YOSHINORI, JP
[72] ABE, HIDETOSHI, JP
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-05-17
[86] 1998-11-19 (PCT/US98/24668)
[87] 1999-06-03 (WO99/27396)
[30] JP (9-321273) 1997-11-21

[21] **2,310,466**
[13] A1

[51] **Int.Cl. 6A61M 25/10**
[25] EN
[54] **BALLOON CATHETER, CATHETER SHAFT USED FOR THE CATHETER AND METHOD OF PRODUCTION OF BALLOON**
[54] **SONDE A BALLONNET, TIGE DE SONDE ASSOCIEE ET PROCEDE DE PRODUCTION DE BALLONNET**
[72] MIKI, SHOGO, JP
[72] NISHIDE, TAKUJI, JP
[72] MAEDA, HIROMI, JP
[71] KANEKA CORPORATION, JP
[85] 2000-05-17
[86] 1998-10-05 (PCT/JP98/04504)
[87] 1999-08-05 (WO99/38557)
[30] JP (10/19539) 1998-01-30

[21] **2,310,467**
[13] A1

[51] **Int.Cl. 6G01N 27/90**
[25] EN
[54] **A TESTING METHOD FOR MACHINED WORKPIECES**
[54] **METHODE D'ESSAI POUR PIECES USINEES**
[72] FRANSSON, ANDERS, SE
[72] ECKERBOM, LENA, SE
[72] BRANDER, LARS, SE
[71] VOLVO AERO CORPORATION, SE
[85] 2000-05-17
[86] 1997-11-21 (PCT/SE97/01967)
[87] 1999-06-03 (WO99/27358)

[21] **2,310,468**
[13] A1

[51] **Int.Cl. 6A61B 5/00**
[25] EN
[54] **MULTIPLEX SENSOR AND METHOD OF USE**
[54] **DETECTEUR MULTIPLEX ET PROCEDE D'UTILISATION**
[72] OOSTA, GARY, US
[72] PEZZANITI, J. LARRY, US
[72] MCGLASHEN, MICHAEL L., US
[72] JENG, TAVY-WEN, US
[72] LINDBERG, JOHN M., US
[71] ABBOTT LABORATORIES, US
[85] 2000-05-17
[86] 1998-11-20 (PCT/US98/24961)
[87] 1999-06-10 (WO99/27848)
[30] US (08/982,839) 1997-12-02

[21] **2,310,470**
[13] A1

[51] **Int.Cl. 6A45D 19/02 6A45D 24/26 6B65D 35/36**
[25] EN
[54] **FLUID APPLICATORS**
[54] **APPLICATEURS DE FLUIDE**
[72] ALLEN, LESLEY, GB
[72] BURROWES, LEE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-17
[86] 1998-11-20 (PCT/US98/24835)
[87] 1999-06-03 (WO99/26510)
[30] GB (9724714.2) 1997-11-21

PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] 2,310,471 [13] A1</p> <p>[51] Int.Cl. 6H01M 4/72 6H01M 4/73 [25] EN [54] STAMPED BATTERY GRID [54] GRILLE D'ACCUMULATEUR ESTAMPEE [72] KAO, WEN-HONG, US [72] MROTEK, EDWARD N., US [71] JOHNSON CONTROLS TECHNOLOGY COMPANY, US [85] 2000-05-17 [86] 1998-11-13 (PCT/US98/24345) [87] 1999-06-03 (WO99/27595) [30] US (08/979,984) 1997-11-26</p> | <p style="text-align: right;">[21] 2,310,475 [13] A1</p> <p>[51] Int.Cl. 6H01M 4/58 [25] EN [54] ELECTRODE MATERIAL FOR NEGATIVE POLE OF LITHIUM SECONDARY CELL, ELECTRODE STRUCTURE USING SAID ELECTRODE MATERIAL, LITHIUM SECONDARY CELL USING SAID ELECTRODE STRUCTURE, AND METHOD FOR MANUFACTURING SAID ELECTRODE STRUCTURE AND SAID LITHIUM SECONDARY CELL [54] MATERIAU ELECTRODE POUR POLE NEGATIF D'UNE CELLULE SECONDAIRE AU LITHIUM, STRUCTURE D'ELECTRODE UTILISANT CE MATERIAU ELECTRODE, CELLULE SECONDAIRE AU LITHIUM UTILISANT CETTE STRUCTURE D'ELECTRODE ET PROCEDE DE FABRICATION DE CETTE STRUCTURE D'ELECTRODE ET DE CETTE CELLULE SECONDAIRE AU LITHIUM [72] KAWAKAMI, SOICHIRO, JP [72] ASAO, MASAYA, JP [71] CANON KABUSHIKI KAISHA, JP [85] 2000-05-17 [86] 1999-09-17 (PCT/JP99/05092) [87] 2000-03-30 (WO00/17948) [30] JP (10/282087) 1998-09-18 [30] JP (11/50471) 1999-02-26 [30] JP (11/261516) 1999-09-16</p> | <p style="text-align: right;">[21] 2,310,493 [13] A1</p> <p>[51] Int.Cl. 6H04B 10/145 6H01S 3/133 [25] EN [54] SPATIALLY VARIABLE FILTER LASER WAVELENGTH MONITORING/CONTROL [54] SURVEILLANCE/CONTROLE DE LA LONGUEUR D'ONDE D'UN LASER A FILTRE VARIABLE SPATIALEMENT [72] LEARD, FRANCIS L., US [72] BURROUGHS, SCOTT, US [72] MIRMAN, ILYA, US [71] LASERTRON, INC., US [85] 2000-05-16 [86] 1998-11-24 (PCT/US98/25142) [87] 1999-06-03 (WO99/27664) [30] US (08/979,204) 1997-11-26</p> |
| <p style="text-align: right;">[21] 2,310,473 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/103 [25] EN [54] GUIDEWIRE WITH DISPOSITION TO COIL [54] FIL DE GUIDAGE MUNI D'UN DISPOSITIF D'ENROULEMENT [72] GABRIELSON, DANIEL L., US [72] ROST, MICHAEL C., US [71] LAKE REGION MANUFACTURING, INC., US [85] 2000-05-17 [86] 1998-10-30 (PCT/US98/23133) [87] 1999-05-14 (WO99/22643) [30] US (08/961,366) 1997-10-30</p> | <p style="text-align: right;">[21] 2,310,495 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/35 6B01D 3/42 6C07C 2/54 [25] EN [54] A METHOD AND APPARATUS FOR CONTROLLING THE SEPARATION OF CHEMICAL COMPONENTS IN A CIRCULATING STREAM IN AN ALKYLATION PROCESS [54] PROCEDE ET APPAREIL POUR REGULER LA SEPARATION DE COMPOSES CHIMIQUES DANS UN COURANT CIRCULANT AU COURS D'UN PROCESSUS D'ALKYLATION [72] CLARK, MARK ALAN, US [72] RANDOLPH, BRUCE B., US [72] MOORE, WILLIAM PATRICK, US [71] PHILLIPS PETROLEUM COMPANY, US [85] 2000-05-16 [86] 1998-12-16 (PCT/US98/26663) [87] 1999-06-24 (WO99/31485) [30] US (60/069,866) 1997-12-17 [30] US (09/206,801) 1998-12-07</p> | |
| <p style="text-align: right;">[21] 2,310,474 [13] A1</p> <p>[51] Int.Cl. 7F21V 7/10 7F21V 7/09 [25] EN [54] LUMINAIRE [54] LUMINAIRE [72] ENTROP, JEAN P., NL [72] WIJBENGA, HENDRIK, NL [71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL [85] 2000-05-16 [86] 1999-09-08 (PCT/EP99/06632) [87] 2000-03-30 (WO00/17571) [30] EP (98203101.5) 1998-09-17</p> | <p style="text-align: right;">[21] 2,310,492 [13] A1</p> <p>[51] Int.Cl. 6A23G 3/30 6A61K 9/68 [25] EN [54] IMPROVED CHEWING GUM FORMULATIONS INCLUDING ASPARTAME AND SODIUM BICARBONATE [54] FORMULATIONS DE GOMME A MACHER AMELIOREES COMPRENANT DE L'ASPARTAME ET DU BICARBONATE DE SOUDE [72] ZYCK, DANIEL J., US [72] YATKA, ROBERT J., US [71] WM. WRIGLEY JR. COMPANY, US [85] 2000-05-16 [86] 1997-12-03 (PCT/US97/22437) [87] 1999-06-10 (WO99/27798)</p> | |

Demandes PCT entrant en phase nationale

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|---|---|---|
| <p style="text-align: right;">[21] 2,310,496 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/35 [25] EN [54] METHOD FOR ON-LINE ANALYSIS OF ACID CATALYST FOR HYDROCARBON CONVERSION PROCESS [54] PROCEDE D'ANALYSE EN LIGNE D'UN CATALYSEUR ACIDE POUR UN PROCESSUS DE TRANSFORMATION D'HYDROCARBURES [72] RENFRO, DONALD H., US [72] EASTMAN, ALAN DAN, US [72] HEALD, RANDALL LEE, US [72] RANDOLPH, BRUCE B., US [71] PHILLIPS PETROLEUM COMPANY, US [85] 2000-05-16 [86] 1998-12-16 (PCT/US98/26662) [87] 1999-06-24 (WO99/31484) [30] US (60/069,867) 1997-12-17 [30] US (09/208,219) 1998-12-09</p> | <p style="text-align: right;">[21] 2,310,500 [13] A1</p> <p>[51] Int.Cl. 6H04L 27/22 6H04L 7/08 [25] EN [54] SYNCHRONIZATION ACQUIRING CIRCUIT [54] CIRCUIT D'ACQUISITION DE SYNCHRONISATION [72] KATOH, HISAKAZU, JP [72] HORII, AKIHIRO, JP [72] SHIRAIISHI, KENICHI, JP [72] HASHIMOTO, AKINORI, JP [71] KABUSHIKI KAISHA KENWOOD, JP [85] 2000-05-16 [86] 1998-11-19 (PCT/JP98/05198) [87] 1999-05-27 (WO99/26386) [30] JP (9-333745) 1997-11-19 [30] JP (10-331919) 1998-11-09</p> | <p style="text-align: right;">[21] 2,310,567 [13] A1</p> <p>[51] Int.Cl. 6A61N 1/37 [25] EN [54] METHOD AND SYSTEM FOR DETECTING DISLODMENT OF AN IMPLANTED RIGHT ATRIAL ENDOCARDIAL LEAD USING A SENSING PERIOD DERIVED FROM A VENTRICULAR LEAD [54] PROCEDE ET SYSTEME POUR DETECTER LE DETACHEMENT D'UNE DERIVATION ENDOCARDIAQUE IMPLANTEE DANS L'OREILLETTE DROITE, AU MOYEN D'UNE PERIODE DE DETECTION PROVENANT D'UNE DERIVATION VENTRICULAIRE [72] KIM, JAEHO, US [72] FOSHEE, PHILIP D., JR., US [72] ADAMS, JOHN M., US [71] CARDIAC PACEMAKERS, INC., US [85] 2000-05-05 [86] 1999-06-11 (PCT/US99/12953) [87] 1999-12-29 (WO99/66983) [30] US (09/103,218) 1998-06-23</p> |
| <p style="text-align: right;">[21] 2,310,497 [13] A1</p> <p>[51] Int.Cl. 6C09D 5/02 6C09D 5/08 [25] EN [54] DISPERSED RESINS FOR USE IN COATING COMPOSITIONS [54] RESINES DISPERSEES DESTINEES A ETRE UTILISEES DANS DES COMPOSITIONS DE REVETEMENT [72] PRINCE, JOHN WILLIAM, GB [72] BAKER, GARY, GB [71] RHODIA LIMITED, GB [85] 2000-05-16 [86] 1998-12-03 (PCT/GB98/03609) [87] 1999-06-10 (WO99/28395) [30] GB (9725778.6) 1997-12-04</p> | <p style="text-align: right;">[21] 2,310,501 [13] A1</p> <p>[51] Int.Cl. 6H02K 3/40 [25] EN [54] ELECTRICITY SUPPLY SYSTEM [54] SYSTEME D'APPROVISIONNEMENT EN ELECTRICITE [72] SCHUTTE, THORSTEN, SE [72] BJORKKLUND, ANDERS, SE [72] WALFRIDSSON, LARS, SE [72] LEIJON, MATS, SE [71] ABB AB, SE [85] 2000-05-16 [86] 1998-11-30 (PCT/EP98/07728) [87] 1999-06-10 (WO99/29020) [30] GB (9725336.3) 1997-11-28</p> | <p style="text-align: right;">[21] 2,310,568 [13] A1</p> <p>[51] Int.Cl. 6C09F 9/00 6C08F 283/01 6C09D 167/06 [25] EN [54] LOSS OF DRY INHIBITOR FOR COATING COMPOSITIONS AND ACCELERATOR FOR CURING UNSATURATED POLYESTER RESIN [54] INHIBITEUR DE PERTE DE RAPIDITE DE SECHAGE POUR COMPOSITIONS DE REVETEMENT ET ACCELERATEUR POUR POLYMERISATION DE RESINE POLYESTER INSATUREE [72] NOWAK, MILTON, US [71] TROY TECHNOLOGY CORPORATION, INC., US [85] 1999-11-22 [86] 1998-05-19 (PCT/US98/10173) [87] 1998-11-26 (WO98/53018) [30] US (08/861,571) 1997-05-22</p> |
| <p style="text-align: right;">[21] 2,310,498 [13] A1</p> <p>[51] Int.Cl. 6D21F 1/24 [25] EN [54] METHOD AND DEVICE FOR CHANGING AN ENDLESS FELT [54] PROCEDE ET DISPOSITIF PERMETTANT DE CHANGER UN FEUTRE SANS FIN [72] MARKKANEN, ESA, FI [72] KOSKINEN, JORMA, FI [71] VALMET CORPORATION, FI [85] 2000-05-16 [86] 1998-11-10 (PCT/FI98/00871) [87] 1999-06-10 (WO99/28550) [30] FI (974261) 1997-11-17</p> | <p style="text-align: right;">[21] 2,310,566 [13] A1</p> <p>[51] Int.Cl. 6H01L 29/861 [25] EN [54] SEMICONDUCTOR DIODE [54] DIODE A SEMICONDUCTEUR [72] KELLER, WOLFGANG, DE [71] INFINEON TECHNOLOGIES AG, DE [85] 2000-04-20 [86] 1998-10-14 (PCT/DE98/03018) [87] 1999-04-29 (WO99/21231) [30] DE (197 46 620.6) 1997-10-22</p> | |

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[21] **2,310,569**
[13] A1

[51] **Int.Cl. 6B67D 5/32 6B65D 90/24**
[25] EN
[54] **REINFORCING FLANGE FOR UNDERGROUND SUMP**
[54] **REBORD DE RENFORCEMENT POUR COLLECTEUR SOUTERRAIN**
[72] KESTERMAN, JAMES E., US
[72] PENDLETON, DAVID, US
[71] DOVER CORPORATION, US
[85] 2000-03-09
[86] 1998-09-25 (PCT/US98/20006)
[87] 1999-04-08 (WO99/16704)
[30] US (08/938401) 1997-09-26

[21] **2,310,570**
[13] A1

[51] **Int.Cl. 6B60Q 1/00**
[25] EN
[54] **APPARATUS AND METHODS FOR PARKING A VEHICLE USING POSITION DETECTION SENSOR**
[54] **APPAREIL ET PROCEDES POUR GARER UN VEHICULE UTILISANT UN CAPTEUR DE DETECTION DE POSITION**
[72] GEISEL, KARL E., US
[72] KATZ, BERNARD, US
[72] YARON, MICHAEL, US
[71] MEASUREMENT SPECIALTIES INC., US
[85] 2000-04-27
[86] 1998-04-03 (PCT/US98/06641)
[87] 1999-05-06 (WO99/21733)
[30] US (08/958,082) 1997-10-27

[21] **2,310,572**
[13] A1

[51] **Int.Cl. 6D21H 21/16 6D21H 17/17 6D21H 17/62**
[25] EN
[54] **COMPOSITIONS AND PROCESSES FOR INCREASING HOT STOCK SIZING EFFECTIVENESS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT A CHAUD DE LA PATE AMELIORANT L'ENCOLLAGE**
[72] WELCH, MALCOLM JAMES, NL
[72] MEARS, ANDREW, GB
[71] HERCULES INCORPORATED, US
[85] 2000-05-02
[86] 1998-10-28 (PCT/US98/22635)
[87] 1999-05-14 (WO99/23307)
[30] US (08/965,062) 1997-11-05

[21] **2,310,573**
[13] A1

[51] **Int.Cl. 6A61L 33/00**
[25] EN
[54] **MODULAR CYTOMIMETIC BIOMATERIALS, TRANSPORT STUDIES, PREPARATION AND UTILIZATION THEREOF**
[54] **BIOMATERIAUX MODULAIRES, ETUDES DE TRANSPORT, LEUR PREPARATION ET LEUR UTILISATION**
[72] MARRA, KACEY G., US
[72] CHON, JOHN H., US
[72] CHAIKOF, ELLIOT L., US
[71] EMORY UNIVERSITY, US
[85] 2000-05-05
[86] 1999-06-30 (PCT/US99/14820)
[87] 2000-01-06 (WO00/00239)
[30] US (60/091,399) 1998-06-30
[30] US (09/149,098) 1998-09-08

[21] **2,310,574**
[13] A1

[51] **Int.Cl. 6A63B 31/11**
[25] EN
[54] **SWIM FIN INCORPORATING PRONATION COMPENSATION STRUCTURE**
[54] **PALME INCORPORANT UNE STRUCTURE DE COMPENSATION DE PRONATION**
[72] MCLAUGHLIN, MATTHEW M., US
[71] MCLAUGHLIN, MATTHEW M., US
[85] 2000-05-05
[86] 1998-09-15 (PCT/US98/19064)
[87] 1999-05-20 (WO99/24123)
[30] US (08/966,372) 1997-11-07

[21] **2,310,575**
[13] A1

[51] **Int.Cl. 6A01N 37/18 6C07K 1/00**
[25] EN
[54] **METHOD FOR THE AUGMENTATION OF GENE EXPRESSION**
[54] **PROCEDE D'AUGMENTATION DE L'EXPRESSION GENIQUE**
[72] ZHOU, TONG, US
[72] EDWARDS, CARL K., US
[72] ZHANG, HUANG-GE, US
[72] MOUNTZ, JOHN D., US
[71] UAB RESEARCH FOUNDATION, US
[85] 2000-05-05
[86] 1998-11-06 (PCT/US98/23821)
[87] 1999-05-20 (WO99/23879)
[30] US (60/064,694) 1997-11-07

[21] **2,310,590**
[13] A1

[51] **Int.Cl. 6A01N 43/38**
[25] EN
[54] **METHOD OF TREATMENT OF PIGMENTED CANCER CELLS UTILIZING PHOTODYNAMIC THERAPY**
[54] **METHODE DE TRAITEMENT DE CELLULES CANCEREUSES PIGMENTEES PAR THERAPIE PHOTODYNAMIQUE**
[72] JORI, GIULIO, IT
[72] KENNEY, MALCOLM E., US
[72] RODGERS, MICHAEL A. J., US
[71] BOWLING GREEN STATE UNIVERSITY, US
[85] 2000-05-10
[86] 1998-11-12 (PCT/US98/24153)
[87] 1999-05-20 (WO99/23882)
[30] US (08/999,866) 1997-11-12

[21] **2,310,591**
[13] A1

[51] **Int.Cl. 6G07F 17/42**
[25] EN
[54] **MULTI-TRANSACTION COIN MACHINE**
[54] **MACHINE A PIECES DE MONNAIE PERMETTANT DES TRANSACTIONS MULTIPLES**
[72] AUGUST, GOLDS, AT
[72] KORMAN, BRUCE R., US
[71] CASH TECHNOLOGIES, INC., US
[85] 2000-05-10
[86] 1998-10-23 (PCT/US98/22534)
[87] 1999-04-29 (WO99/21141)
[30] US (60/062,751) 1997-10-23

[21] **2,310,592**
[13] A1

[51] **Int.Cl. 6C07C 2/06 6C07C 9/16 6C07C 2/28**
[25] EN
[54] **PROCESS FOR THE OLIGOMERIZATION OF ISOBUTYLENE**
[54] **PROCEDE POUR L'OLIGOMERISATION D'ISOBUTYLENE**
[72] KARAS, LAWRENCE J., US
[72] EVANS, THOMAS I., US
[72] RAMESWARAN, RAMESH, US
[71] ARCO CHEMICAL TECHNOLOGY, L.P., US
[85] 2000-05-10
[86] 1998-09-29 (PCT/EP98/06198)
[87] 1999-06-03 (WO99/26905)
[30] US (08/975,867) 1997-11-21

Demandes PCT entrant en phase nationale

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

[21] **2,308,085**
[13] A1

[51] **Int.Cl. 7H04B 7/08**
[25] EN
[54] **PHASE ANGLE DATA-TRIGONOMETRIC FUNCTION VALUE CONVERTER CIRCUIT AND COMPOSITE DIVERSITY RECEIVER**
[54] **CIRCUIT CONVERTISSEUR DE VALEURS DE FONCTION TRIGONOMETRIQUE D'ANGLE DE PHASE ET RECEPTEUR FONCTIONNANT EN DIVERSITE COMPOSITE**
[72] TAKAHASHI, HIDEAKI, JP
[71] NEC CORPORATION, JP
[22] 1997-07-16
[43] 1998-01-16
[62] 2,210,603
[30] JP (8-186080) 1996-07-16

[21] **2,309,804**
[13] A1

[51] **Int.Cl. 7H04L 12/12 7H04M 11/06 7H04Q 7/24 7G06F 17/30**
[25] EN
[54] **METHOD FOR BROWSING THE INTERNET WITH A TELECOMMUNICATIONS DEVICE**
[54] **METHODE PERMETTANT D'EXPLORER L'INTERNET AVEC UN APPAREIL DE TELECOMMUNICATION**
[72] CHEN, KUO-WEI HERMAN, US
[72] WOO, THOMAS YAT CHUNG, US
[72] SABNANI, KRISHAN KUMAR, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1998-02-18
[43] 1998-08-18
[62] 2,229,838
[30] US (08/801,667) 1997-02-18

[21] **2,309,805**
[13] A1

[51] **Int.Cl. 7C12Q 1/00 7G01N 33/48**
[25] EN
[54] **METHOD AND COMPOSITION FOR MAINTAINING GLOMERULAR FILTRATION RATE WHILE INHIBITING EXTRACELLULAR MATRIX ACCUMULATION**
[54] **METHODE ET COMPOSITIONS POUR MAINTENIR LE DEBIT DE FILTRATION GLOMERULAIRE TOUT EN EMPECHANT L'ACCUMULATION DE MATRICE EXTRACELLULAIRE**
[72] KON, VALENTINA, US
[72] ICHIKAWA, IEKUNI, US
[72] FOGO, AGNES, US
[71] VANDERBILT UNIVERSITY, US
[22] 1993-09-09
[43] 1994-03-17
[62] 2,144,047
[30] US (07/942,756) 1992-09-09

[21] **2,309,844**
[13] A1

[51] **Int.Cl. 7A61B 17/03 7A61M 25/09**
[25] EN
[54] **GUIDE WIRE WITH RELEASABLE BARB ANCHOR**
[54] **FIL-GUIDE A BARBE D'ANCRAGE AMOVIBLE**
[72] LESCHINSKY, BORIS, US
[72] URBANSKI, JEFFREY, US
[72] FOLLMAN, MARK, US
[71] DATASCOPE INVESTMENT CORP., US
[22] 1996-06-07
[43] 1996-12-19
[62] 2,223,048
[30] US (08/484,911) 1995-06-07

[21] **2,310,073**
[13] A1

[51] **Int.Cl. 7F21S 10/04**
[25] EN
[54] **FLAME SIMULATING ASSEMBLY AND COMPONENTS THEREFOR**
[54] **SIMULATEUR DE FLAMMES ET ELEMENTS CONSTITUTIFS**
[72] GALLO, IGNAZIO, CA
[72] SPENCER, SEAN DAVID, CA
[72] MACPHERSON, DAVID MILLER, CA
[72] HESS, KRISTOFFER, CA
[71] DIMPLEX NORTH AMERICA LIMITED, CA
[22] 1997-04-30
[43] 1997-10-30
[62] 2,204,106
[30] CA (2,175,442) 1996-04-30
[30] US (08/801,469) 1997-02-18

[21] **2,310,343**
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[51] **Int.Cl. 7F21S 10/04 7F24C 15/06**
[25] EN
[54] **FLAME SIMULATING ASSEMBLY AND COMPONENTS THEREFOR**
[54] **SIMULATEUR DE FLAMMES ET ELEMENTS CONSTITUTIFS**
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[71] DIMPLEX NORTH AMERICA LIMITED, CA
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[30] CA (2,175,442) 1996-04-30
[30] US (08/801,469) 1997-02-18

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[51] **Int.Cl. 7F21S 10/04 7F24C 15/06**
[25] EN
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[43] 1997-10-30
[62] 2,204,106
[30] CA (2,175,442) 1996-04-30
[30] US (08/801,469) 1997-02-18

[21] **2,310,845**

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[51] **Int.Cl. 7A61K 38/16 7A61P 21/00**
[25] EN
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[43] 1994-12-22
[62] 2,164,866
[30] US (08/075,048) 1993-06-10

[21] **2,310,414**

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[51] **Int.Cl. 7F21S 10/04 7F24C 15/06**
[25] EN
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[30] CA (2,175,442) 1996-04-30
[30] US (08/801,469) 1997-02-18

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| PICARD, DANIEL J. | 2,293,164 | SCHUBERT, WOLFGANG | 2,297,494 | TALARICO, JOE | 2,296,612 |
| PIKKA, OLAVI | 2,296,289 | SCHUCO INTERNATIONAL | | TALARICO, JOHN | 2,296,612 |
| PLASTI-DRAIN LTÉE | 2,291,336 | KG | 2,296,973 | TAMURA, TATSUYA | 2,296,264 |
| PLAYCORE, INC. | 2,291,919 | SCHWARZ, UWE | 2,293,878 | TANAKA, MASAYUKI | 2,295,370 |
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| BOURDON, HELENE | 2,309,322 | CELLEGY PHARMACEUTICALS, INC. | 2,309,688 | COOKE, MICHAEL CHARLES | 2,310,063 |
| BOWDEN, MARTIN CHARLES | 2,309,685 | CENATIEMPO, YVES | 2,309,316 | COOKER, BERNARD | 2,310,429 |
| BOWEN, BENJAMIN A. | 2,309,719 | CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) | 2,310,125 | COOLSAVINGS.COM INC. | 2,310,413 |
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| BRAHMBHATT, HIMANSHU N. | 2,310,079 | CHARLTON, STEPHEN | 2,310,009 | | |
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| TIEDEMANN, EDWARD G., JR. | 2,309,932 | UNILEVER PLC | 2,309,949 | WALLENIUS, JUKKA | 2,310,015 |
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| TIMMERMANS, JACQUES | 2,310,318 | UNILEVER PLC | 2,310,449 | WALTER, JORN | 2,310,384 |
| TITREVILLE, BERNARD | 2,310,012 | UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. | 2,310,027 | WANG, JOSEPH Y. | 2,310,333 |
| TITREVILLE, BERNARD | 2,310,014 | UNIVERSITY OF KANSAS MEDICAL CENTER | 2,310,233 | WANG, MARK S. | 2,310,267 |
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| TODD, JOHN | 2,309,983 | VAILLANCOURT, VALERIE A. | 2,309,882 | WARPEHOSKI, MARTHA A. | 2,310,401 |
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