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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

Vol. 129, No. 12 March 20, 2001

Vol. 129, N° 12 le 20 mars 2001

Canada



THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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

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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.

Depuis avril 1999, on peut consulter ou télécharger la Gazette, sans frais, à partir du site Web de l'OPIC : opic.gc.ca ou strategis.ic.gc.ca/brevets/gazette. D'après nos statistiques de nombreux clients utilisent la version électronique. Nous avons récemment modifié le format électronique de la Gazette afin d'améliorer la vitesse de téléchargement. Les utilisateurs ont désormais le choix entre télécharger le document en entier ou des sections individuelles. Les éditions courantes sont publiées tous les mardis et les numéros antérieurs (d'avril 1999 jusqu'à maintenant) sont aussi disponibles.

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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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application

- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date

- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

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

Dates

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

Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée

- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris

- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant

- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

Avis

2. Country Codes

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

3. Canadian Class Titles

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

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

4. Class Schedules and Definitions

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

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

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

A) Paper Copies

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

2. Codes des pays

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

3. Liste des classes canadiennes

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

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

4. Listes et définitions des classes

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

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

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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).

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Courriel: tic@micromedia.on.ca

B) Copies en microforme

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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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Numéro sans frais Amérique du Nord: 1-800-567-1914

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 :

none

11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,164,150 which issued on March 20, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

12. Laid-Open Applications

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

13. Language of Published Documents

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

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

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

aucun

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 20 mars 1984 sont maintenant expirés, jusque et y compris le no. 1,164,150. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

12. Demandes mises à la disponibilité du public

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

13. Langue du document publié

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

Avis

14. Patent Cooperation Treaty (PCT)

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

SCHEDULE OF FEES APPLICABLE AS OF JANUARY 01, 2001

BARÈME DE TAXES À PARTIR DU 1 JANVIER 2001

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee: (Rule 15.2(a)) Amount for each additional sheet over 30	562.00 13.00
3. Designation Fee: (Rule 15.2(a)) The maximum that can be charged for the Designation Fee is \$726.00; therefore, if more than 6 countries are designated the fee remains \$726.00	121.00

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

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

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

Preliminary Examination

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

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

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

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

TAXES	MONTANTS \$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base: (Règle 15.2(a)) Montant pour chaque feuille au delà de 30	562,00 13,00
3. Taxe de désignation (par pays) (Règle 15.2(a)) Le maximum payable pour la taxe de désignation est de 726,00 \$; donc, si plus que 6 pays sont désignés, la taxe demeure 726,00 \$.	121,00

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

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

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

Examen préliminaire

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

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

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

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

Notices

15. PCT Notices

PCT Signature Requirements

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

Patent Cooperation Treaty (PCT)

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

15. Avis PCT

Exigences des signatures du PCT

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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>.

Avis

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

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

Client Service Centre

17. Laid-Open Applications

The Patent Office Record of March 20, 2001 contains laid-open applications from February 25, 2001 - March 3, 2001.

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

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

Le centre de services à la clientèle

17. 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 25 février 2001 - 3 mars 2001.

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[54] **A METHOD OF PROCESSING THE WASTEWATER-SOLIDS MIXTURE THAT RESULTS FROM THE PRODUCTION OF PAPER AND THE USE OF THIS SOLIDS MIXTURE**
[54] **METHODE POUR TRAITER LE MELANGE EAUX USEES-SOLIDES RESULTANT DE LA PRODUCTION DE PAPIER ET UTILISATION DE CE MELANGE DE SOLIDES**
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[11] **2,058,269**
[13] C

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[25] EN
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[54] **METHODE ET DISPOSITIF D'ENREGISTREMENT DIRECT EN MEMOIRE TAMPON D'ORDINATEUR DOTE D'UN SYSTEME DE FENETRAGE CONTROLANT L'AFFICHAGE SUR L'ECRAN**
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[72] Krotov, Leonid Yvanovich, SU
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THEREOF**
[54] **COMPOSES CONSTITUES D'UNE
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[13] C

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[13] C

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[54] **METHODE POUR IDENTIFIER LES CANAUX D'UN SYSTEME RADIO MOBILE**
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[54] **TETE D'IMPRESSION A JET D'ENCRE**
[72] Keefe, Brian J., US
[72] Childers, Winthrop D., US
[72] Steinfield, Steven W., US
[72] Trueba, Kenneth E., US
[72] McClelland, Paul H., US
[73] HEWLETT-PACKARD COMPANY, US
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[11] **2,083,044**
[13] C

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[11] **2,083,340**
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[25] EN
[54] **EFFICIENT CONDUCTOR ROUTING FOR INKJET PRINTHEAD**
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[72] Trueba, Kenneth E., US
[72] Meyer, Neal W., US
[73] HEWLETT-PACKARD COMPANY, US
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[11] **2,083,341**
[13] C

[51] **Int.Cl. 5B41J 2/175**
[25] EN
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[54] **SYSTEME D'ALIMENTATION EN ENCRE POUR TETE D'IMPRESSION A JET D'ENCRE**
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[72] Steinfield, Steven W., US
[72] Childers, Winthrop D., US
[72] McClelland, Paul H., US
[72] Trueba, Kenneth E., US
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[30] US (862,086) 1992-04-02

[11] **2,084,502**
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[51] **Int.Cl. 5G01C 19/72**
[25] EN
[54] **MODULATION FREQUENCY CONTROL IN A FIBER OPTIC ROTATION SENSOR**
[54] **COMMANDE DE FREQUENCE DE MODULATION POUR DETECTEUR DE ROTATION A FIBRE OPTIQUE**
[72] Ferrar, Carl M., US
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[51] **Int.Cl. 5A61K 9/107**
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[54] **MASTIC D'ETANCHEITE
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[72] Gruetzmacher, Roland, DE
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[13] C
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[54] **INHALATEUR A DOSE MESUREE**
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[85] 1993-05-20
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[11] **2,097,718**
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[73] UNISYS CORPORATION, US
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[11] **2,098,303**
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[51] **Int.Cl. 5C12N 15/11 6C07K 14/00
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[72] Cohen, Charles M., US
[72] Keck, Peter C., US
[73] CREATIVE BIOMOLECULES, INC.,
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[11] **2,101,359**
[13] C
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[25] EN
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[54] **POLYMERISATION DES
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[72] Gatechair, Leslie R., US
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[25] EN
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[54] **METHODE ET APPAREIL POUR
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[73] Nova-Tech Engineering, Inc., US
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[11] **2,102,429**
[13] C
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[25] EN
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INHIBITORS OF BONE RESORPTION
FOR PROMOTING BONE FORMATION**
[54] **UTILISATION DE FACTEURS DE
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[11] **2,108,047**
[13] C

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[54] **ENVELOPPE OSSATURE FABRIQUEE EN MATERIAU COMPOSITE FIBREUX**
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[11] **2,112,391**
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[51] **Int.Cl. 5A61B 8/13**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING ARTIFACTS FROM AN ULTRASONICALLY GENERATED IMAGE OF A SMALL CAVITY**
[54] **METHODE ET DISPOSITIF D'ELIMINATION D'ARTEFACTS PRESENTS DANS L'ECHOGRAPHIE D'UNE PETITE CAVITE**
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[73] Endosonics Corporation, US
[85] 1993-12-23
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[11] **2,117,594**
[13] C

[51] **Int.Cl. 5A47B 91/06**
[25] EN
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[22] 1994-08-30
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[11] **2,119,265**
[13] C

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[54] **COMPOSITIONS OLEORESINIQUES ANTIOXYDANTES ET PROCEDES POUR LEUR PRODUCTION**
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[72] Evans, David A., CA
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[73] Norac Technologies Inc., CA
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[11] **2,123,828**
[13] C

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[25] EN
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[11] **2,130,735**
[13] C

[51] **Int.Cl. 5F02F 7/00 5F16M 1/00**
[25] EN
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[54] **MOTEUR A COMBUSTION INTERNE COMPORTANT UN NOMBRE REDUIT DE COMPOSANTS**
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[73] KOHLER CO., US
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[11] **2,132,171**
[13] C

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[25] EN
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[72] West, Neil Edward, US
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[30] US (122,748) 1993-09-16

[11] **2,132,733**
[13] C

[51] **Int.Cl. 5C21B 3/04 5C21B 5/04 5C04B 5/06 5C04B 7/147**
[25] EN
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[54] **METHODE SERVANT A PRODUIRE DE LA FONTE BRUTE ET DU CLINKER**
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[73] "Holderbank" Financière Glarus AG, CH
[85] 1994-09-22
[86] 1994-01-26 (PCT/AT94/00007)
[87] (WO94/17214)
[30] AT (A 125/93) 1993-01-26

[11] **2,132,841**
[13] C

[51] **Int.Cl. 5C07D 295/155 5C07D 403/12 5C07D 405/12 5C07D 409/12 5C07D 405/14 5A61K 31/165 5A61K 31/40 5A61K 31/535 5C07D 333/54 5A61K 31/55 5C07C 233/62 5C07D 307/79**
[25] EN
[54] **AMINOCYCLOHEXYLAMIDES FOR ANTIARRHYTHMIC AND ANAESTHETIC USES**
[54] **AMINOCYCLOHEXYLAMIDES COMME ANTIARYTHMIQUES ET ANESTHESIQUES**
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[72] Walker, Michael J. A., CA
[72] Wall, Richard A., CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 1994-09-23
[86] 1993-03-26 (PCT/CA93/00124)
[87] (WO93/19056)
[30] US (858,060) 1992-03-26

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[11] **2,133,005**
[13] C
[51] **Int.Cl. 5A61N 1/365**
[25] EN
[54] **RATE RESPONSIVE CARDIAC PACEMAKER**
[54] **STIMULATEUR CARDIAQUE ASSERVI**
[72] Olive, Arthur L., US
[72] Salo, Rodney W., US
[73] CARDIAC PACEMAKERS, INC., US
[22] 1994-09-27
[30] US (08/155,482) 1993-11-22

[11] **2,137,706**
[13] C
[51] **Int.Cl. 5B26D 3/14**
[25] EN
[54] **CUTTING MECHANISM**
[54] **DISPOSITIF DE COUPE**
[72] Evans, Murray, CA
[73] Evans, Murray, CA
[22] 1994-12-09

[11] **2,138,867**
[13] C
[51] **Int.Cl. 5E04F 11/16**
[25] EN
[54] **STAIRTREAD MADE OF A COMBINATION OF HIGH QUALITY WOOD AND LOW QUALITY MATERIAL**
[54] **GIRON FAIT DE BOIS DE QUALITE SUPERIEURE COMBINE A UN MATERIAU DE QUALITE INFERIEURE**
[72] Bellegarde, René, CA
[73] Manufacture de Lambton Ltée, CA
[22] 1994-12-22

[11] **2,139,269**
[13] C
[51] **Int.Cl. 5H04B 1/16**
[25] EN
[54] **DS/CDMA RECEIVER USING MOVING-AVERAGED PILOT SIGNALS FOR WEIGHTING AND PHASE ROTATION OF ORTHOGONAL DATA SYMBOL VECTORS**
[54] **RECEPTEUR CMDA A SEQUENCE DIRECTE UTILISANT DES SIGNAUX PILOTES A MOYENNE MOBILE POUR LA PONDERATION ET LA ROTATION DE PHASE DES VECTEURS DE SYMBOLE DE DONNEE ORTHOGONAUX**
[72] Kaku, Tomoya, JP
[72] O'Regan, Sean, JP
[73] NEC CORPORATION, JP
[22] 1994-12-29
[30] JP (JP 5-354553) 1993-12-30

[11] **2,141,009**
[13] C
[51] **Int.Cl. 6H04B 7/26**
[25] EN
[54] **METHOD OF PRIORITIZING HANDOFF PROCEDURES IN A CELLULAR SYSTEM**
[54] **METHODE POUR DONNER LA PRIORITE AUX DEMANDES DE CHANGEMENT DE CELLULE DANS LES SYSTEMES CELLULAIRES**
[72] Agrawal, Prathima, US
[72] Anvekar, Dinesh K., IN
[72] Narendran, Balakrishnan, US
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US
[22] 1995-01-24
[30] US (201,601) 1994-02-25

[11] **2,141,081**
[13] C
[51] **Int.Cl. 6A41D 13/00 6A61F 9/02**
[25] EN
[54] **THERMAL NOSE PROTECTOR FOR SKIER**
[54] **CACHE-NEZ CHAUFFANT POUR SKIEUR**
[72] McDonald, Neil, CA
[72] McDonald, Sharon, CA
[72] McDonald, Kathleen, CA
[73] McDonald, Neil, CA
[73] McDonald, Sharon, CA
[73] McDonald, Kathleen, CA
[22] 1995-01-25
[30] US (08/194,271) 1994-02-10

[11] **2,146,172**
[13] C
[51] **Int.Cl. 6B01D 53/047**
[25] EN
[54] **PRESSURE SWING ADSORPTION HEAT RECOVERY**
[54] **RECUPERATEUR POUR OUTIL ENTRAINE PAR MOTEUR A COMBUSTION INTERNE**
[72] Sinicropi, Michael John, US
[72] Aaron, Timothy Mark, US
[72] Leavitt, Frederick Wells, US
[72] Schaub, Herbert Raymond, US
[72] Smolarek, James, US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 1995-04-03

[11] **2,146,356**
[13] C
[51] **Int.Cl. 6C22C 38/06 6C22C 1/10**
[25] EN
[54] **STEEL CONTAINING SUPER-FINELY DISPERSED OXIDE SYSTEM INCLUSIONS**
[54] **ACIER RENFERMANT DES INCLUSIONS D'UN SYSTEME D'OXYDE SUPER-FINEMENT DISPERSE**
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[72] Maede, Hirobumi, JP
[73] NIPPON STEEL CORPORATION, JP
[85] 1995-04-04
[86] 1994-02-16 (PCT/JP94/00230)
[87] (WO95/05492)
[30] JP (05-202416) 1993-08-16

[11] **2,146,959**
[13] C
[51] **Int.Cl. 6B65G 15/04**
[25] EN
[54] **OVER AND UNDER BELT CONVEYOR SYSTEM**
[54] **TRANSPORTEUR AVEC CHARGE PORTEE SUR LES PARTIES SUPERIEURE ET INFERIEURE DE LA SURFACE SANS FIN**
[72] Mensch, William A., US
[73] Jervis B. Webb Company, US
[85] 1995-04-12
[86] 1994-05-16 (PCT/US94/05416)
[87] (WO94/26635)
[30] US (08/062,425) 1993-05-17

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[11] **2,148,075**
[13] C

[51] **Int.Cl. 6G01R 21/133 6G01R 21/07**
[25] EN
[54] **HIGH ACCURACY POWER MONITOR AND METHOD**
[54] **APPAREIL ET METHODE DE PRECISION POUR SURVEILLER LA PUISSANCE**
[72] Van Doorn, Peter M., CA
[72] Lightbody, Simon Hugh, CA
[72] Ki, Chuen Shan Simon, CA
[73] C D POWER MEASUREMENT LTD., dba POWER MEASUREMENT LTD., CA
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[30] US (08/367,534) 1994-12-30

[11] **2,149,331**
[13] C

[51] **Int.Cl. 6B60N 2/44 6B68G 7/02 6B68G 7/05**
[25] EN
[54] **A CUSHION BODY STRUCTURE COMFORTABLE TO SIT**
[54] **STRUCTURE CONFORTABLE DE CORPS DE COUSSIN**
[72] Matsuoka, Chikara, JP
[72] Watadani, Takeshi, JP
[72] Wakimoto, Kunihisa, JP
[72] Kinoshita, Yukihiko, JP
[73] Namba Press Works Co., Ltd., JP
[85] 1995-05-12
[86] 1994-04-25 (PCT/JP94/00685)
[87] (WO95/08508)
[30] JP (Heisei5(1993)-254799) 1993-09-19

[11] **2,149,493**
[13] C

[51] **Int.Cl. 6C02F 1/58**
[25] EN
[54] **MULTIPLE STAGE PRECIPITATION OF HEAVY METALS FROM ACIDIC AQUEOUS SOLUTION**
[54] **PRECIPITATION EN PLUSIEURS ETAPES DE METAUX LOURDS CONTENUS DANS UNE SOLUTION AQUEUSE ACIDE**
[72] Demopoulos, George P., CA
[72] Zinck, Janice M., CA
[72] Kondos, Peter D., CA
[73] HER MAJESTY, THE QUEEN, IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA
[73] MCGILL UNIVERSITY, CA
[22] 1995-05-16

[11] **2,152,957**
[13] C

[51] **Int.Cl. 6G08B 13/14**
[25] EN
[54] **SELF-CONTAINED, PROGRAMMABLE, NON-POSITION SENSITIVE, VIBRATION DETECTING ALARM SYSTEM**
[54] **SYSTEME DE DETECTION DES VIBRATIONS PROGRAMMABLE, AUTONOME ET NON SENSIBLE AUX VARIATIONS DE POSITION**
[72] Streeter, Robert W., US
[73] Streeter, Robert W., US
[85] 1995-06-28
[86] 1994-01-18 (PCT/US94/00535)
[87] (WO94/16420)
[30] US (004,855) 1993-01-15

[11] **2,155,984**
[13] C

[51] **Int.Cl. 6C07C 11/02 6C07C 4/04 6C07C 15/24**
[25] EN
[54] **METHOD FOR IMPROVING THE YIELD OF HEAVY HYDROCARBONS IN A THERMAL CRACKING PROCESS**
[54] **METHODE PERMETTANT D'AMELIORER LE RENDEMENT DES HYDROCARBURES LOURDS DANS UN PROCEDE DE CRAQUAGE THERMIQUE**
[72] Reed, Larry E., US
[72] Brown, Ronald E., US
[72] Degraffenried, James P., US
[72] Murtha, Timothy P., US
[72] Greenwood, Gil J., US
[72] Harper, Timothy P., US
[72] Scharre, Mark D., US
[73] PHILLIPS PETROLEUM COMPANY, US
[22] 1995-08-14
[30] US (08/296,292) 1994-08-25

[11] **2,156,783**
[13] C

[51] **Int.Cl. 6C08G 18/63 6C09J 175/08 6B32B 7/12 6B32B 27/12**
[25] EN
[54] **PRIMERLESS URETHANE ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS ADHESIVES A BASE D'URETHANE, SANS APPRET**
[72] Harshbarger, Robert H., US
[72] Sandels, Fred V., US
[72] Schmucker, Arden E., US
[72] Spencer, Robert L., US
[72] Wang, Chia L., US
[73] ASHLAND INC., US
[22] 1995-08-23
[30] US (08/299,790) 1994-09-01

[11] **2,157,218**
[13] C

[51] **Int.Cl. 6C04B 35/5831**
[25] EN
[54] **SINTERED BODY FOR HIGH-HARDNESS TOOLS**
[54] **CORPS FRITTE POUR OUTILS TRES HAUTE DURETE**
[72] Fukaya, Tomohiro, JP
[72] Nakai, Tetsuo, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1995-08-30
[30] JP (6-275733) 1994-10-14

[11] **2,158,399**
[13] C

[51] **Int.Cl. 6C07D 409/12 6A61K 31/445**
[25] EN
[54] **NOVEL PHARMACEUTICAL PRODUCT**
[54] **PRODUIT PHARMACEUTIQUE**
[72] LaBell, Elizabeth Smith, US
[72] Luke, Wayne Douglas, US
[72] McGill, John McNeil III, US
[72] Miller, Randal Scot, US
[73] ELI LILLY AND COMPANY, US
[22] 1995-09-15
[30] US (08/308,325) 1994-09-19
[30] US (08/427,914) 1995-04-26

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[11] **2,165,150**
[13] C

[51] **Int.Cl. 6E21B 43/22**
[25] EN
[54] **CRYOGENIC STIMULATION METHOD**

[54] **PROCEDE D'ACTIVATION CRYOGENIQUE**

[72] Wilson, Dennis R., US
[72] Siebert, Robert M., US
[72] Lively, Pat, US
[73] Conoco Inc., US
[22] 1995-12-13
[30] US (08/356,593) 1994-12-14
[30] US (08/488,919) 1995-06-09

[11] **2,165,334**
[13] C

[51] **Int.Cl. 6H01L 27/13 6H01L 27/092 6H01L 27/11 6H01L 27/12 6H01L 21/20 6H01L 21/265 6H01L 29/78 6H01L 21/786**

[25] EN
[54] **HIGH-FREQUENCY WIRELESS COMMUNICATION SYSTEM ON A SINGLE ULTRATHIN SILICON ON SAPPHIRE CHIP**

[54] **SYSTEME DE COMMUNICATION SANS FIL HAUTE FREQUENCE MONTE SUR UNE SEULE PUCE ULTRAMINCE DE SILICIUM SUR SAPHIR**

[72] Reedy, Ronald E., US
[72] Burgener, Mark L., US
[73] Peregrine Semiconductor Corporation, US
[85] 1995-12-14
[86] 1994-06-10 (PCT/US94/06626)
[87] (WO95/02892)
[30] US (08/090,400) 1993-07-12
[30] US (08/218,561) 1994-03-25

[11] **2,166,505**
[13] C

[51] **Int.Cl. 6H01J 9/20**
[25] EN
[54] **METHOD FOR MAKING FIELD EMISSION DEVICES HAVING CORRUGATED SUPPORT PILLARS FOR BREAKDOWN RESISTANCE**
[54] **METHODE DE FABRICATION DE DISPOSITIFS A EMISSION PAR EFFET DE CHAMP UTILISANT DES PILIERS DE SOUTIEN ONDULES POUR ACCROITRE LA RESISTANCE AU CLAQUAGE**

[72] Jin, Sungho, US
[72] Kochanski, Gregory Peter, US
[72] Zhu, Wei, US
[73] AT&T IPM CORP., US
[22] 1996-01-03
[30] US (381,262) 1995-01-31

[11] **2,167,880**
[13] C

[51] **Int.Cl. 6B01J 23/22 6C01G 30/00 6C01G 31/02 6C01G 23/04 6C07C 255/08 6C07C 253/24**

[25] FR
[54] **CATALYSEURS D'AMMOXYDATION ET LEUR PROCEDE DE PREPARATION**
[54] **AMMOXYDATION CATALYSTS AND PROCESS FOR PREPARING THE SAME**

[72] Albonetti, Stéfania, IT
[72] Blanchard, Gilbert, FR
[72] Burattin, Paolo, FR
[72] Cavani, Fabrizio, IT
[72] Trifiro, Ferruccio, IT
[73] RHONE-POULENC FIBER & RESIN INTERMEDIATES, FR
[22] 1996-01-23
[30] FR (95 00 999) 1995-01-24

[11] **2,168,377**
[13] C

[51] **Int.Cl. 6H01J 29/02**
[25] EN
[54] **METHOD FOR MAKING IMPROVED PILLAR STRUCTURE FOR FIELD EMISSION DEVICES**
[54] **METHODE DE FABRICATION DE STRUCTURES COLONNAIRES AMELIOREES POUR DISPOSITIFS A EFFET DE CHAMP**

[72] Chandross, Edwin Arthur, US
[72] Jin, Sungho, US
[72] Thomson, John, Jr., US
[72] Zhu, Wei, US
[72] Kochanski, Gregory Peter, US
[73] AT&T IPM CORP., US
[22] 1996-01-30
[30] US (381,377) 1995-01-31

[11] **2,169,001**
[13] C

[51] **Int.Cl. 6H03K 17/975**
[25] EN
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[54] **COMMUTATEUR CAPACITIF**
[72] Taranowski, Michael George, US
[72] Wickert, Douglas Emil, US
[72] Hubbell, Ruth Ellen, US
[72] Larsen, Michael Robert, US
[72] Leveque, Denis Jean-Pierre, US
[73] EATON CORPORATION, US
[22] 1996-02-07
[30] US (386,586) 1995-02-10

[11] **2,174,878**
[13] C

[51] **Int.Cl. 6B60G 21/055 6B60G 5/00**
[25] EN
[54] **COMBINED VEHICLE SUSPENSION TORQUE ROD AND SWAY BAR**

[54] **BARRE DE REACTION ET ANTI-ROULIS COMBINEE, POUR SUSPENSION DE VEHICULE AUTOMOBILE**
[72] Ellingsen, Svein, US
[73] PACCAR INC., US
[22] 1996-04-24
[30] US (08/427,791) 1995-04-26

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[11] **2,176,151**
[13] C

[51] **Int.Cl. 6B65D 50/04**
[25] EN
[54] **CHILD RESISTANT PACKAGE**
[54] **EMBALLAGE A L'EPREUVE DES ENFANTS**
[72] Thomas, Hewin N., US
[72] Haney, Jack Edward, US
[72] Hamilton, Peter Worthington, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1996-01-23
[86] 1994-07-22 (PCT/US94/08406)
[87] (WO95/04686)
[30] US (08/103476) 1993-08-06

[11] **2,176,316**
[13] C

[51] **Int.Cl. 6B41M 5/26**
[25] EN
[54] **APPARATUS FOR MAKING GRAPHIC PRODUCTS HAVING A PLATEN DRIVE WITH ENCODED SPROCKETS**
[54] **APPAREIL D'IMPRESSON A ENTRAINEMENT DE CYLINDRE A BARBOTINE CODES**
[72] Guckin, Mark, US
[73] GERBER SCIENTIFIC PRODUCTS, INC., US
[22] 1996-05-10
[30] US (08/440,083) 1995-05-12

[11] **2,177,508**
[13] C

[51] **Int.Cl. 6B66F 11/04**
[25] EN
[54] **MOBILE LIFT ASSEMBLY**
[54] **ELEVATEUR MOBILE**
[72] Lawson, George Leslie, CA
[73] Mobilift Inc., CA
[22] 1996-05-28

[11] **2,180,125**
[13] C

[51] **Int.Cl. 6G01F 11/18**
[25] EN
[54] **CONDIMENT DISPENSER**
[54] **DISTRIBUTEUR DE CONDIMENTS**
[72] Robbins, E. Stanley, US
[72] Weterrings, Frans M., US
[72] Robbins, Rodney W., US
[73] Robbins Industries, Inc., US
[85] 1996-06-27
[86] 1995-01-03 (PCT/US95/00229)
[87] (WO95/18957)
[30] US (08/178,889) 1994-01-07

[11] **2,180,178**
[13] C

[51] **Int.Cl. 6A61K 31/445 6A61K 31/35 6A61K 31/40**
[25] EN
[54] **USE OF 2,3-DIARYL-1-BENZOPYRAN DERIVATIVES FOR THE MANUFACTURE OF A MEDICAMENT IN THE TREATMENT AND PREVENTION OF BONE LOSS AND OSTEOPOROSIS**
[54] **UTILISATION DES DERIVES 2,3-DIARYL-1-BENZOPYRANE DANS LA PRODUCTION D'UN MEDICAMENT EMPLOYE DANS LE TRAITEMENT ET LA PREVENTION DE LA DIMINUTION DU VOLUME DU TISSU OSSEUX ET DE L'OSTEOPOROSE**
[72] Labroo, Virender M., US
[73] ZYMOGENETICS, INC., US
[85] 1996-06-27
[86] 1994-12-14 (PCT/US94/14568)
[87] (WO95/17892)
[30] US (08/175,899) 1993-12-30

[11] **2,180,571**
[13] C

[51] **Int.Cl. 6A61K 31/655 6A61K 31/60 6A61K 31/615**
[25] EN
[54] **USE OF 2-HYDROXY-5-PHENYLAZOBENZOIC ACID DERIVATIVES AS COLON CANCER CHEMOPREVENTATIVE AND CHEMOTHERAPEUTIC AGENTS**
[54] **AGENTS DE CHIMIOPREVENTION OU DE CHIMIOThERAPIE DU CANCER DU COLON A BASE DE DERIVES DE L'ACIDE 2-HYDROXY-5-PHENYLAZOBENZOIQUE**
[72] Johnson, Lorin K., US
[72] Slesinger, Marvin H., US
[73] Salix Pharmaceuticals, Inc., US
[85] 1996-07-04
[86] 1995-01-06 (PCT/US95/00055)
[87] (WO95/18622)
[30] US (08/178,578) 1994-01-07

[11] **2,181,404**
[13] C

[51] **Int.Cl. 6E01D 21/00**
[25] EN
[54] **SHORE**
[54] **ELEMENT D'APPUI/DE SOUTIEN**
[72] Ono, Tatsuo, JP
[73] Ono, Tatsuo, JP
[22] 1996-07-17
[30] JP (206477/1995) 1995-07-20

[11] **2,181,601**
[13] C

[51] **Int.Cl. 6H01L 39/12**
[25] FR
[54] **MATERIAU SUPRACONDUCTEUR ET PROCEDE DE PREPARATION DE MATERIAUX SUPRACONDUCTEURS**
[54] **SUPERCONDUCTING MATERIAL AND METHOD FOR PREPARING SUPERCONDUCTING MATERIALS**
[72] Alario-Franco, Miguel Angel, FR
[72] Chaillout, Catherine, FR
[72] Capponi, Jean-Jacques, FR
[72] Tholence, Jean-Louis, FR
[72] Souletie, Bénédicte, FR
[73] ALCATEL, FR
[85] 1996-07-18
[86] 1995-01-19 (PCT/FR95/00059)
[87] (WO95/20550)
[30] FR (94/01097) 1994-01-26

[11] **2,183,501**
[13] C

[51] **Int.Cl. 6E05C 17/00**
[25] EN
[54] **DRIVE-ROD TYPE DRIVE MECHANISM**
[54] **MECANISME D'ENTRAINEMENT A TIGE POUSSOIR**
[72] Zeus, Christian, IT
[72] Engel, Heinz-Eckhard, IT
[73] HOPPE AG, IT
[22] 1996-08-16
[30] DE (295 13 227.2) 1995-08-17

[11] **2,183,638**
[13] C

[51] **Int.Cl. 6G01N 35/10**
[25] EN
[54] **LIQUID PROCESSING METHOD MAKING USE OF PIPETTE DEVICE AND APPARATUS FOR SAME**
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DE LIQUIDES A L'AIDE D'UN DISTRIBUTEUR**
[72] Hideji, Tajima, JP
[73] Precision System Science Co., Ltd., JP
[85] 1996-08-19
[86] 1996-03-19 (PCT/JP96/00724)
[87] (WO96/29602)
[30] JP (7-086005) 1995-03-20
[30] JP (8-089050) 1996-03-19

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[11] **2,186,213**
[13] C

[51] **Int.Cl. 6B23K 5/00**
[25] EN
[54] **ENHANCED CONTACT AREA QUICK RELEASE MIG GUN TIP**
[54] **TUBE-CONTACT DE PISTOLET DE SOUDAGE MIG, A POSE RAPIDE ET A SURFACE DE CONTACT AMELIOREE**
[72] Colling, Ronald W., US
[73] Miller Electric Manufacturing Company, US
[22] 1996-09-23
[30] US (08/579,123) 1995-12-26

[11] **2,187,480**
[13] C

[51] **Int.Cl. 6H04B 15/00 6H04Q 7/22**
[25] EN
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[54] **REDUCTION DU BROUILLAGE SUR CANAL COMMUN**
[72] Tong, Wen, CA
[72] Wang, Rui, CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 1996-10-09
[30] US (08/565,265) 1995-11-30

[11] **2,188,178**
[13] C

[51] **Int.Cl. 6B62D 61/12 6B60G 9/00 6B60G 11/56**
[25] EN
[54] **TRAILING ARM SUSPENSION WITH LEVER ARM**
[54] **SUSPENSION A BRAS LONGITUDINAL POURVUE D'UN BRAS LEVIER**
[72] Pierce, William C., US
[72] Richardson, Gregory A., US
[73] NAI NEWAY, INC., US
[85] 1996-10-17
[86] 1994-04-18 (PCT/US94/04228)
[87] (WO95/28312)

[11] **2,193,377**
[13] C

[51] **Int.Cl. 6B26D 7/30**
[25] EN
[54] **FOOD PRODUCT SLICING MACHINE INCORPORATING A SCALE**
[54] **TRANCHEUSE POUR PRODUITS ALIMENTAIRES A BALANCE INCORPOREE**
[72] Huang, Joseph Chun-Chi, US
[72] Shirk, James Alan, US
[72] Yoder, James Franz, US
[73] PREMARK FEG L.L.C., US
[85] 1996-12-18
[86] 1996-04-16 (PCT/US96/05200)
[87] (WO96/33053)
[30] US (08/425,919) 1995-04-20

[11] **2,193,481**
[13] C

[51] **Int.Cl. 6A61K 9/48**
[25] EN
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[54] **SIMULATEUR DE MACHINE SYNCHRONE ET METHODE DE SIMULATION DE MACHINE SYNCHRONE**
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[54] **FILTRE A EAU AVEC DISPOSITIF
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[54] **ENSEMBLE DE TELECOMMANDE ET/OU DE TELEEXPLOITATION D'UN DISPOSITIF AU MOYEN D'UN CONTROLEUR UTILISANT UN BUS D'EXPLOITATION**
[72] DE GROOT, Vincent, DE
[73] ENDRESS + HAUSER GMBH + CO., DE
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[54] **LUNETTES ET DISPOSITIF POUR MONTURE DE LUNETTE AUXILIAIRE AJUSTABLE ET DETACHABLE**
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[54] **SYSTEME, DISPOSITIF ET PROCEDE PERMETTANT DE REGROUPER DES INFORMATIONS DE TRAMES DANS UN MINIMUM DE MAILLONS DE SORTIE**
[72] TUCKER, WILLIAM C., US
[72] SALISBURY, NEIL D., US
[72] FRAZIER, PAUL R., US
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[72] LABRECQUE, ROBERT, CA
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[51] **Int.Cl. 6B65G 1/02 6A47B 47/02**
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[54] **METHODE ET APPAREIL POUR COUPER DES TROUS DANS DES TUBES**
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[72] SIMARD, JEAN MARC, CA
[72] VASILEVSKIY, DIMITRI, CA
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[51] **Int.Cl. 6G01R 29/08 6A61B 5/04 6G01R 29/12**
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[72] YOUNG, WAYNE, CA
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[54] **MANDRIN POUR FIXATIONS FILETEES**
[72] ROLFE, HENRY E., US
[71] ROLFE, HENRY E., US
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[51] **Int.Cl. 6H04L 12/66**
[25] EN
[54] **APPARATUS AND METHOD FOR BRIDGING A WIRED NETWORK AND WIRELESS DEVICES**
[54] **DISPOSITIF ET METHODE DE MISE EN LIAISON DE RESEAU FILAIRE ET DE DISPOSITIFS SANS FIL**
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[72] DOYLE, MICHAEL ANTHONY, CA
[72] VANDERVECHT, ROBERT PHILIP, CA
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[54] **METHODE DIAGNOSTIQUE**
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[72] KO, YU-SHIEN, GB
[72] SEVERS, NICHOLAS J., GB
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[13] A1
[51] **Int.Cl. 6B32B 3/06**
[25] EN
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[54] **MATERIAU SEMI-STRATIFIE RESISTANT A LA DECHIRURE ET A LA PERFORATION**
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[25] EN
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[13] A1

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[54] **SEQUENTIAL COLOUR VISUAL TELEPRESENCE SYSTEM**
[54] **SYSTEME DE TELEPRESENCE VISUELLE SEQUENTIELLE EN COULEUR**
[72] PRIMEAU, GILLES, CA
[71] CANADIAN SPACE AGENCY, CA
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[13] A1

[51] **Int.Cl. 6B65G 33/14 6B65G 33/22 6B65G 33/24**
[25] EN
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[54] **APPAREIL DE COMMANDE DE DEBIT DE VIS A GRAIN**
[72] KLEIN, ERIC ALLEN, CA
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[13] A1

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[54] **METHOD FOR IMPROVING STEEL REINFORCED MATERIAL FOR TIRES AND PRODUCT PRODUCED BY THE METHOD**
[54] **METHODE D'AMELIORATION DE MATERIAU RENFORCE D'ACIER POUR PNEUS ET PRODUIT FABRIQUE AU MOYEN DE CETTE METHODE**
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[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[13] A1

[51] **Int.Cl. 6A63B 71/12 6A41D 13/00**
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[54] **EPAULIERE AJUSTABLE**
[72] BELAND, JEAN-FRANÇOIS, CA
[71] BAUER NIKE HOCKEY INC., CA
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[43] 2001-02-28

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[13] A1

[51] **Int.Cl. 6H04L 12/24 6H04L 12/26**
[25] EN
[54] **A DEVICE AND METHOD FOR BALANCING LOADS BETWEEN DIFFERENT PATHS IN A COMPUTER SYSTEM**
[54] **DISPOSITIF ET METHODE D'EQUILIBRAGE DE CHARGES ENTRE DIVERS TRAJETS DANS UN SYSTEME INFORMATIQUE**
[72] JONES, RODNEY WILLIAM, CA
[72] AHMED, KHALID, CA
[72] XU, MING Q., CA
[71] SENTINEL COMPUTER CORPORATION, BB
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[13] A1

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[54] **METHODE PERMETTANT DE PROTEGER LA CHARGE D'UNE REMORQUE DEPOURVUE DE PANNEAUX DE PROTECTION LATERAUX ET AVANT CONTRE LES DOMMAGES PAR LES CAILLOUX, ET DISPOSITIF POUR PROTEGER UNEREMORQUE CONTRE LES CAILLOUX**
[72] McCaffrey, COLIN, CA
[72] JEFFERIES, STEPHEN, CA
[71] McCaffrey, COLIN, CA
[71] JEFFERIES, STEPHEN, CA
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[13] A1

[51] **Int.Cl. 6H04Q 7/36 6H04Q 1/30 6H04Q 3/47**
[25] EN
[54] **SIGNALLING METHOD AND CONVERSION DEVICE FOR TELECOMMUNICATIONS NETWORKS**
[54] **METHODE DE SIGNALISATION ET DISPOSITIF DE CONVERSION POUR RESEAUX DE TELECOMMUNICATIONS**
[72] JOSS, MARCEL, CH
[72] HIRZEL, WERNER, CH
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[13] A1

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[25] EN
[54] **HAIR CLIP HAVING A NOVEL GRIPPING MECHANISM AND REMOVABLE DECORATIVE ATTACHMENTS**
[54] **PINCE A CHEVEUX COMPRENANT UN NOUVEAU MECANISME DE RETENUE ET DES ACCESSOIRES DECORATIFS AMOVIBLES**
[72] BADER-SALTZMAN, GERALDINE ROSE, US
[72] PIRKEY, MICHAEL STEVEN, US
[72] HAUSER, RAY LOUIS, US
[72] MCKEEVER, RODNEY BRENT, US
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[51] **Int.Cl. 6H04M 3/42 6H04Q 7/32 6H04L 12/54**
[25] EN
[54] **METHOD AND APPARATUS FOR RELAYING COMMUNICATION**
[54] **DISPOSITIF ET METHODE DE RELAIS DE COMMUNICATIONS**
[72] DOWENS, JAC P., US
[72] WATTENBARGER, BLAKE LANE, US
[72] RUPERT, AMY J., US
[71] AT&T CORP., US
[22] 1999-08-26
[43] 2001-02-26

[21] **2,281,150**
[13] A1

[51] **Int.Cl. 6H01P 7/06 6H01P 1/00**
[25] EN
[54] **MICROWAVE CAVITY HAVING A REMOVABLE END WALL**
[54] **CAVITE MICRO-ONDES COMPRENANT UNE PAROI D'EXTREMITE AMOVIBLE**
[72] SCHULTZ, JAMES W., US
[72] AHULII, ROBERT J., US
[72] DAVIS, FRANZ D., US
[72] TATOMIR, PAUL J., US
[72] LOI, KEITH N., US
[71] HUGHES ELECTRONICS CORPORATION, US
[22] 1999-08-30
[43] 2001-02-28
[30] US (154,488) 1999-09-16

[21] **2,281,152**
[13] A1

[51] **Int.Cl. 6G08C 17/00 6B60K 15/00**
[25] EN
[54] **AUTOMOTIVE VEHICLE FUELING SYSTEM**
[54] **SYSTEME DE RAVITAILLEMENT DE VEHICULE AUTOMOBILE**
[72] BATES, BRADFORD, US
[72] BAKER, RICHARD, US
[71] FORD GLOBAL TECHNOLOGIES, INC., US
[22] 1999-08-30
[43] 2001-02-28
[30] US (09/149,855) 1999-09-08

[21] **2,281,155**
[13] A1

[51] **Int.Cl. 6A47F 7/28**
[25] EN
[54] **PRODUCT MERCHANDISER AND COMPONENTS THEREFOR**
[54] **PRESENTOIR DE PRODUITS ET COMPOSANTS CONNEXES**
[72] PEAKE-ATKINS, SEAN, CA
[72] WHITTINGTON, PAUL, CA
[72] MORISON, JIM, CA
[72] VIDONI, DANIEL, CA
[71] GORRIE ADVERTISING MANAGEMENT LIMITED, CA
[22] 1999-08-25
[43] 2001-02-25

[21] **2,281,161**
[13] A1

[51] **Int.Cl. 6A01C 11/02**
[25] EN
[54] **METHOD AND APPARATUS FOR PLANTING SEEDLINGS**
[54] **METHODE ET APPAREIL POUR LA PLANTATION DE SEMIS**
[72] ARSENAULT, YVES, CA
[71] ARSENAULT, YVES, CA
[22] 1999-08-27
[43] 2001-02-27

[21] **2,281,162**
[13] A1

[51] **Int.Cl. 6E02F 3/76**
[25] EN
[54] **METHOD AND APPARATUS FOR GROUND WORKING**
[54] **METHODE ET APPAREIL POUR EFFECTUER DES TRAVAUX DE TERRASSEMENT**
[72] TITFORD, LARRY, CA
[71] TITFORD, LARRY, CA
[22] 1999-08-27
[43] 2001-02-27

[21] **2,281,164**
[13] A1

[51] **Int.Cl. 6C09K 17/14**
[25] EN
[54] **METHOD FOR STABILIZING SOIL USING A CATIONIC SURFACTANT, SOIL STABILIZING AGENT AND STABILIZED SOIL**
[54] **METHODE PERMETTANT DE STABILISER LES SOLS A L'AIDE D'UN SURFACTIF CATIONIQUE, AGENT STABILISANT DE SOL ET SOL STABILISE**
[72] Zhou, Zhihong, CA
[72] KEHLER, GERRY, CA
[71] Zhou, Zhihong, CA
[71] KEHLER, GERRY, CA
[22] 1999-08-27
[43] 2001-02-27

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February 25, 2001 - March 3, 2001

[21] **2,281,175**
[13] A1
[51] **Int.Cl. 6B60J 7/043 6B26F 1/40**
[25] EN
[54] **SUNROOF OPENING FOR VEHICLE ROOF PANEL**
[54] **DECOUPAGE D'OUVERTURE POUR TOIT OUVRANT DANS UN PANNEAU DE TOIT DE VEHICULE**
[72] TAYLOR, JOE E., US
[71] A.G. SIMPSON CO. LIMITED, CA
[22] 1999-08-27
[43] 2001-02-27

[21] **2,281,190**
[13] A1
[51] **Int.Cl. 6G03B 17/14 6H04N 5/225**
[25] EN
[54] **QUICK CHANGE LENS MOUNT**
[54] **MONTURE D'OBJECTIF A REMPLACEMENT RAPIDE**
[72] RAAD, ELIE-JEAN J., CA
[71] SILENT WITNESS ENTERPRISES LTD., CA
[22] 1999-08-30
[43] 2001-02-28

[21] **2,281,208**
[13] A1
[51] **Int.Cl. 6H04M 3/22 6H04M 1/24**
[25] EN
[54] **SINGLE-ENDED SUBSCRIBER LOOP QUALIFICATION FOR XDSL SERVICE**
[54] **DETERMINATION UNILATERALE DE L'ADMISSIBILITE DE LIGNES D'ABONNE AU SERVICE XDSL**
[72] CAMPBELL, MICHAEL A., CA
[72] LIU, GIN, CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,225**
[13] A1
[51] **Int.Cl. 6G02C 9/04**
[25] EN
[54] **AUXILIARY LENS UNITS FOR EYEGASSES**
[54] **LENTILLES AUXILIAIRES POUR LUNETTES**
[72] CADIEUX, ROBERT, CA
[72] CHEN, DAVID, CA
[71] CADIEUX, ROBERT, CA
[71] CHEN, DAVID, CA
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,228**
[13] A1
[51] **Int.Cl. 6A45F 5/00 6H04Q 7/32**
[25] EN
[54] **MOBILE PHONE HOLDER**
[54] **PORTE-TELEPHONE MOBILE**
[72] LU, SHU-SHEN, TW
[71] CITECH CO., LTD., TW
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,229**
[13] A1
[51] **Int.Cl. 6G06T 3/00 6G06F 9/455**
[25] EN
[54] **METHOD AND SYSTEM FOR NAVIGATING A VIRTUAL ENVIRONMENT**
[54] **METHODE ET SYSTEME DE NAVIGATION DANS UN ENVIRONNEMENT VIRTUEL**
[72] WARE, COLIN, CA
[72] FRANCK, GLENN, CA
[71] NVISION SOFTWARE SYSTEMS INC., CA
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,236**
[13] A1
[51] **Int.Cl. 6H04B 1/30**
[25] EN
[54] **DIRECT CONVERSION RF SCHEMES USING A VIRTUALLY GENERATED LOCAL OSCILLATOR**
[54] **METHODES RF DE CONVERSION DIRECTE AU MOYEN D'UN SIGNAL VIRTUEL D'OSCILLATEUR LOCAL**
[72] MANKU, TAJINDER, CA
[71] MANKU, TAJINDER, CA
[22] 1999-09-01
[43] 2001-03-01

[21] **2,281,238**
[13] A1
[51] **Int.Cl. 6H03G 3/20 6G01S 7/285 6G01S 7/34**
[25] EN
[54] **AN AUTOMATIC GAIN CONTROL FOR DIGITAL RADAR INTERCEPT RECEIVERS**
[54] **COMMANDE AUTOMATIQUE DE GAIN POUR RECEPTEURS NUMERIQUES D'INTERCEPTION RADAR**
[72] LAVOIE, PIERRE, CA
[71] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY NATIONAL RE, CA
[22] 1999-09-01
[43] 2001-03-01

[21] **2,281,246**
[13] A1
[51] **Int.Cl. 6G06F 17/60 6G11B 23/00**
[25] EN
[54] **JOB MATCHING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE JUMELAGE D'EMPLOIS ET DE TRAVAILLEURS**
[72] BALDWIN, GEORGE, CA
[72] BALDWIN, BEN, CA
[71] CAREERXACT INC., CA
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,256**
[13] A1
[51] **Int.Cl. 6A61K 47/44 6A21D 13/08 6A61K 9/08 6A61K 7/16 6A61K 9/20 6A23L 1/217 6A23L 1/29 6A23F 5/46 6A23L 2/56**
[25] EN
[54] **ORAL COMPOSITIONS HAVING ENHANCED MOUTHFEEL**
[54] **COMPOSITIONS ORALES DONNANT UNE MEILLEURE SENSATION EN BOUCHE**
[72] NILSEN, STEPHEN JAMES, US
[72] WALDEN, GARY LYLE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 1999-08-30
[43] 2001-02-28

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[21] **2,281,258**
[13] A1

[51] **Int.Cl. 6H04M 11/04 6H04M 1/57**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING ALARM SECURITY RECEIVER WITH DIALED NUMBER AND CALLER I.D.**
[54] **METHODE ET APPAREIL INDIQUANT UN NUMERO COMPOSE ET L'IDENTIFICATION DE L'APPELANT A UN RECEPTEUR AVERTISSEUR DE SECURITE**
[72] PETIKIAN, SEIRAN, CA
[72] DUBBLESTEIN, DEAN, CA
[72] JEFFERS, JOHN, CA
[71] SUR-GARD SECURITY SYSTEMS LTD., CA
[22] 1999-08-27
[43] 2001-02-27

[21] **2,281,260**
[13] A1

[51] **Int.Cl. 6B66F 7/06**
[25] EN
[54] **INGROUND LIFT**
[54] **DISPOSITIF DE LEVAGE SOUTERRAIN**
[72] RZHEVSKY, HELON, CA
[72] YEO, HAROLD, CA
[72] BRUYNS, MICHAEL, CA
[71] WHEELTRONIC LTD., CA
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,262**
[13] A1

[51] **Int.Cl. 6C12P 21/08 6C12N 5/12 6G01N 33/53 6G01N 33/543 6G01N 33/577**
[25] EN
[54] **ANTI-HUMAN MEDULLASIN MONOCLONAL ANTIBODY, PROCESS FOR PRODUCING THE SAME AND IMMUNOASSAY USING THE SAME**
[54] **ANTICORPS MONOCLONAL ANTI-MEDULLASINE HUMAINE, PROCESSUS DE PRODUCTION ET DOSAGE IMMUNOLOGIQUE UTILISANT CET ANTICORPS MOINOCLONAL**
[72] TAKAHASHI, KIYOSHI, JP
[72] SUZUKI, HIDEAKI, JP
[72] AOKI, YOSUKE, JP
[72] KATSURAGI, HISASHI, JP
[71] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,267**
[13] A1

[51] **Int.Cl. 7C09D 125/10 7C09D 131/04 7C09D 133/04 7C08K 5/17 7C08K 3/26 7C08K 3/28 7C08K 3/30 7C08K 5/3492 7C08K 5/357 7B05D 1/36**
[25] EN
[54] **COATING FOR INHIBITING STAIN FORMATION IN FLOOR COVERING**
[54] **REVETEMENT POUR EMPECHER LA FORMATION DE TACHES DANS LES COUVRE-PLANCHERS**
[72] WINTEROWD, JACK, US
[72] RODEN, DARRELL C., US
[72] IZAN, JERRY, US
[72] HANSON, DANIEL, US
[72] LEWIS, CHARLES E., US
[72] PHILLIPS, ALBERT C., US
[71] WEYERHAEUSER COMPANY, US
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,268**
[13] A1

[51] **Int.Cl. 6G06F 9/44**
[25] EN
[54] **METHOD AND SYSTEM FOR VISUALIZING SOFTWARE EXECUTION**
[54] **METHODE ET SYSTEME DE VISUALISATION DE L'EXECUTION D'UN LOGICIEL**
[72] PARKER, GREG, CA
[72] WARE, COLIN, CA
[71] NVISION SOFTWARE SYSTEMS INC., CA
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,270**
[13] A1

[51] **Int.Cl. 6H04L 29/02 6H04L 29/10**
[25] EN
[54] **INTERACTIVE AUDIO INTERNET SYSTEM**
[54] **SYSTEME INTERNET AUDIO INTERACTIF**
[72] NAUGHTON, BRIAN, GB
[72] TRISTAM, GUY, GB
[71] NAUGHTON, BRIAN, GB
[71] TRISTAM, GUY, GB
[71] BLAIS, STEPHANE R., GB
[22] 1999-09-01
[43] 2001-03-01

[21] **2,281,274**
[13] A1

[51] **Int.Cl. 7C08J 3/24 7C08L 7/00 7C08L 21/00 7C08L 79/08 7C08K 5/098 7C08K 3/26 7C08K 3/32**
[25] EN
[54] **IMPROVED POLYMER COMPOSITION AND PROCESS FOR PRODUCING VULCANIZATES THEREOF**
[54] **COMPOSITION POLYMERIQUE AMELIOREE ET PROCESSUS DE PRODUCTION DE VULCANISATS A PARTIR DE CETTE COMPOSITION**
[72] CAMPOMIZZI, EZIO C., CA
[72] BENDER, HARALD, CA
[71] BAYER INC., CA
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,276**
[13] A1

[51] **Int.Cl. 6E21B 43/24**
[25] EN
[54] **A THERMAL SOLVENT PROCESS FOR THE RECOVERY OF HEAVY OIL AND BITUMEN AND IN SITU SOLVENT RECYCLE**
[54] **PROCEDE THERMIQUE DE RECUPERATION D'HUILE LOURDE ET DE BITUME AU MOYEN DE SOLVANTS ET RECYCLAGE IN SITU DES SOLVANTS**
[72] DAS, SWAPAN, CA
[72] YEUNG, KUN C., CA
[72] BYL, MARGARET, CA
[72] BAKER, DEREK, CA
[72] THIMM, LAURA, CA
[72] WEIR, BRYAN, CA
[71] SUNCOR ENERGY INC., CA
[22] 1999-08-31
[43] 2001-02-28

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[21] **2,281,287**
[13] A1

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **METHOD AND SYSTEM FOR EFFICIENTLY SEARCHING FOR FREE SPACE IN A TABLE OF A RELATIONAL DATABASE HAVING A CLUSTERING INDEX**
[54] **METHODE ET SYSTEME PERMETTANT DE RECHERCHER EFFICACEMENT DE L'ESPACE LIBRE DANS UNE TABLE DE BASE DE DONNEES RELATIONNELLE A INDICE D'AGREGATION**
[72] CRANSTON, LESLIE A., CA
[72] HURAS, MATTHEW A., CA
[72] WINER, MICHAEL J., CA
[72] LINDSAY, BRUCE G., US
[72] HOP HING, NELSON, CA
[71] IBM CANADA LTD. - IBM CANADA LIMITEE, CA
[22] 1999-09-01
[43] 2001-03-01

[21] **2,281,295**
[13] A1

[51] **Int.Cl. 6B21B 13/02 6B21B 23/00**
[25] EN
[54] **PIPE FORMING ROLL APPARATUS AND METHOD**
[54] **APPAREIL A GALETS ET METHODE DE PROFILAGE DE TUYAUX**
[72] TOYOOKA, TAKAAKI, JP
[72] SUGIE, YOSHINORI, JP
[72] TANAKA, NOBUKI, JP
[72] ITADANI, MOTOAKI, JP
[72] OMURA, KAZUO, JP
[72] KUSAKABE, RYOJI, JP
[72] OHNISHI, TOSHIO, JP
[72] HASHIMOTO, YUJI, JP
[72] KAGAWA, MASAHIRO, JP
[72] SUGANO, KOJI, JP
[72] SAWADA, KINGO, JP
[71] KUSAKABE ELECTRIC & MACHINERY CO., LTD., JP
[71] KAWASAKI STEEL CORPORATION, JP
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,297**
[13] A1

[51] **Int.Cl. 6B27M 3/04**
[25] EN
[54] **TONGUE-AND-GROOVE FLOORBOARD**
[54] **ELEMENT DE PLANCHER EMBOUVETE**
[72] CHANG, CHIA-MING, TW
[71] CHANG, CHIA-MING, TW
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,300**
[13] A1

[51] **Int.Cl. 6B21B 19/10**
[25] EN
[54] **APPARATUS AND METHOD FOR SMOOTHING A WELDED SEAM OF STEEL PIPE**
[54] **APPAREIL ET METHODE DE LISSAGE DE JOINT SOUDE DE TUYAU EN ACIER**
[72] TANAKA, NOBUKI, JP
[72] HASHIMOTO, YUJI, JP
[72] SUGANO, KOJI, JP
[72] SHOJI, MASAO, JP
[72] TOYOOKA, TAKAAKI, JP
[72] OHNISHI, TOSHIO, JP
[72] NISHIMORI, MASANORI, JP
[72] SUGIE, YOSHINORI, JP
[72] ITADANI, MOTOAKI, JP
[72] YORIFUJI, AKIRA, JP
[72] KAGAWA, MASAHIRO, JP
[72] SAWADA, KINGO, JP
[71] KAWASAKI STEEL CORPORATION, JP
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,305**
[13] A1

[51] **Int.Cl. 6B62D 25/16**
[25] EN
[54] **MUDGUARD ASSEMBLY**
[54] **GARDE-BOUE**
[72] MATTHEW, GEORGE ALEXANDER, GB
[71] MATTHEW, GEORGE ALEXANDER, GB
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,307**
[13] A1

[51] **Int.Cl. 6B62B 7/06 6B62B 9/00**
[25] EN
[54] **STROLLER LATCH APPARATUS**
[54] **APPAREIL DE VERROUILLAGE DE POUSSETTE**
[72] GLOVER, RICHARD, US
[71] COSCO MANAGEMENT, INC., US
[22] 1999-08-31
[43] 2001-02-28

[21] **2,281,308**
[13] A1

[51] **Int.Cl. 6A63B 47/02**
[25] EN
[54] **GOLF BALL RETRIEVER**
[54] **RECUPERATEUR DE BALLE DE GOLF**
[72] KARIATSUMARI, KEN, CA
[71] KARIATSUMARI, KEN, CA
[22] 1999-09-01
[43] 2001-03-01

[21] **2,281,310**
[13] A1

[51] **Int.Cl. 6A63B 71/12 6A41D 13/08**
[25] EN
[54] **ADJUSTABLE ELBOW PAD**
[54] **COUDIERE REGLABLE**
[72] BELAND, JEAN-FRANÇOIS, CA
[71] BAUER NIKE HOCKEY INC., CA
[22] 1999-09-01
[43] 2001-03-01

[21] **2,281,312**
[13] A1

[51] **Int.Cl. 6B26D 1/06**
[25] EN
[54] **METHOD AND APPARATUS FOR CUTTING A TUBE**
[54] **METHODE ET APPAREIL POUR COUPER DES TUBES**
[72] McDONALD, JOHN ALEXANDER, CA
[71] EAGLE PRECISION TECHNOLOGIES INC., CA
[22] 1999-08-31
[43] 2001-02-28

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[21] **2,281,314**
[13] A1

[51] **Int.Cl. 6C21D 8/10 6C21D 9/08 6B21B 37/32**
[25] EN
[54] **SUPER FINE GRANULAR STEEL PIPE AND METHOD FOR PRODUCING THE SAME**
[54] **TUYAU EN ACIER CONTENANT DES GRAINS EXTRA-FINS ET METHODE DE PRODUCTION**
[72] KANAYAMA, TARO, JP
[72] MORITA, MASAHIKO, JP
[72] NISHIMORI, MASANORI, JP
[72] HASHIMOTO, YUJI, JP
[72] MATSUOKA, SAIJI, JP
[72] ITADANI, MOTOAKI, JP
[72] TOYOOKA, TAKAAKI, JP
[72] YORIFUJI, AKIRA, JP
[72] OKABE, TAKATOSHI, JP
[71] KAWASAKI STEEL CORPORATION, JP
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,316**
[13] A1

[51] **Int.Cl. 6C21D 8/10 6B21B 37/32**
[25] EN
[54] **HIGH-DUCTILITY, HIGH-STRENGTH STEEL PRODUCT AND PROCESS FOR PRODUCTION THEREOF**
[54] **PRODUIT EN ACIER A HAUTE RESISTANCE ET A HAUTE DUCTILITE ET PROCEDE DE PRODUCTION**
[72] NISHIMORI, MASANORI, JP
[72] ITADANI, MOTOAKI, JP
[72] YORIFUJI, AKIRA, JP
[72] TANAKA, NOBUKI, JP
[72] KANAYAMA, TARO, JP
[72] FURUKIMI, OSAMU, JP
[72] OKABE, TAKATOSHI, JP
[72] TOYOOKA, TAKAAKI, JP
[72] HASHIMOTO, YUJI, JP
[72] HIRA, TAKAAKI, JP
[72] MORITA, MASAHIKO, JP
[72] MATSUOKA, SAIJI, JP
[71] KAWASAKI STEEL CORPORATION, JP
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,322**
[13] A1

[51] **Int.Cl. 6B62D 33/023 6B65G 69/28 6B60P 1/43**
[25] EN
[54] **VEHICLE TAILGATE RAMP SYSTEM**
[54] **SYSTEME DE RAMPE POUR HAYON ARRIERE DE VEHICULE**
[72] MEIGHEN, PIERRE, CA
[71] MEIGHEN, PIERRE, CA
[22] 1999-09-03
[43] 2001-03-03

[21] **2,281,324**
[13] A1

[51] **Int.Cl. 6B25G 1/10 6B25B 23/16**
[25] EN
[54] **COMPOSITE TOOL HANDLE**
[54] **MANCHE D'OUTIL COMPOSITE**
[72] LIN WU, LI-TU, TW
[71] LIN WU, LI-TU, TW
[22] 1999-09-03
[43] 2001-03-03

[21] **2,281,327**
[13] A1

[51] **Int.Cl. 6E21B 23/02**
[25] EN
[54] **TORQUE ANCHOR CATCHER**
[54] **ATTRAPEUR D'ANCRE DE COUPLE**
[72] JANI, WILLIAM, CA
[71] JANI, WILLIAM, CA
[22] 1999-09-03
[43] 2001-03-03

[21] **2,281,331**
[13] A1

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **DATABASE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE BASE DE DONNEES**
[72] CAZEMIER, HENK, CA
[72] RASMUSSEN, GLENN D., CA
[72] IGNAT, LIVIU, CA
[71] COGNOS INCORPORATED, CA
[22] 1999-09-03
[43] 2001-03-03

[21] **2,281,335**
[13] A1

[51] **Int.Cl. 6A61L 25/00 6A61B 17/56**
[25] EN
[54] **METHOD AND APPARATUS FOR STRENGTHENING AND AUGMENTING VERTEBRAL BODIES**
[54] **METHODE ET DISPOSITIF POUR RENFORCER ET ACCROITRE LES ELEMENTS VERTEBRAUX**
[72] MURPHY, KIERAN J., US
[71] MURPHY, KIERAN J., US
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,341**
[13] A1

[51] **Int.Cl. 6B62D 55/24**
[25] EN
[54] **TRACK FOR SNOW VEHICLES**
[54] **CHENILLE POUR VEHICULES NIVAUX**
[72] BOIVIN, ALAIN, CA
[72] BOIVIN, DENIS, CA
[71] A & D BOIVIN DESIGN INC., CA
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,349**
[13] A1

[51] **Int.Cl. 6B65G 47/252**
[25] EN
[54] **LUMBER TURNING TOOL**
[54] **OUTIL POUR LE TOURNAGE DU BOIS**
[72] TREMBLAY, BENOIT, CA
[71] TREMBLAY, BENOIT, CA
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,350**
[13] A1

[51] **Int.Cl. 6A63F 1/00**
[25] EN
[54] **METHOD FOR BLACKJACK SIDE BET WAGERING**
[54] **METHODE DE PARI SECONDAIRE AU VINGT-ET-UN**
[72] KASVAND, TONIS F., CA
[71] EVIS-TECH INC., CA
[22] 1999-09-02
[43] 2001-03-02

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[21] **2,281,356**
[13] A1
[51] **Int.Cl. 6H04M 1/00 6H04L 12/56 6H04B 1/74**
[25] EN
[54] **ENHANCED LINE CARD AND PACKETIZING CPE FOR LIFELINE PACKET VOICE TELEPHONY**
[54] **CARTE DE LIGNE AMELIOREE ET INSTALLATIONS D'ABONNE A GROUPE PAR PAQUETS ASSURANT UN SERVICE TELEPHONIQUE VOCAL DE SECURITE PAR PAQUETS**
[72] DECZKY, ANDREW, CA
[72] WEIRICH, ANDREAS, CA
[72] BOOCOCK, JONATHAN, CA
[72] HJARTARSON, JIM, CA
[72] FEELEY, MARK, CA
[71] CATENA TECHNOLOGIES CANADA, INC., CA
[22] 1999-09-01
[43] 2001-03-01

[21] **2,281,358**
[13] A1
[51] **Int.Cl. 6A47C 21/00**
[25] EN
[54] **BED POCKET**
[54] **POCHE DE RANGEMENT POUR LIT**
[72] COUTURE, LUC, CA
[71] COUTURE, LUC, CA
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,359**
[13] A1
[51] **Int.Cl. 6F21V 7/00**
[25] EN
[54] **LUMINAIRE**
[54] **LUMINAIRE**
[72] LASSOVSKY, LEON ALEJANDRO, ES
[71] LASSOVSKY, LEON ALEJANDRO, ES
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,367**
[13] A1
[51] **Int.Cl. 6H04L 12/24 6G11B 23/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SIMPLIFIED ADMINISTRATION OF LARGE NUMBERS OF SIMILAR INFORMATION HANDLING SERVERS**
[54] **METHODE ET APPAREIL D'ADMINISTRATION SIMPLIFIEE D'UN GRAND NOMBRE DE SERVEURS SEMBLABLES DE TRAITEMENT D'INFORMATION**
[72] HORMAN, RANDALL WILLIAM, CA
[71] IBM CANADA LTD. - IBM CANADA LIMITEE, CA
[22] 1999-09-01
[43] 2001-03-01

[21] **2,281,370**
[13] A1
[51] **Int.Cl. 6H04L 12/24 6G11B 23/00**
[25] EN
[54] **METHOD AND APPARATUS FOR MAINTAINING CONSISTENCY AMONG LARGE NUMBERS OF SIMILARLY CONFIGURED INFORMATION HANDLING SERVERS**
[54] **METHODE ET APPAREIL MAINTENANT L'UNIFORMITE DANS UN GRAND NOMBRE DE SERVEURS DE TRAITEMENT D'INFORMATION A CONFIGURATION SEMBLABLE**
[72] HORMAN, RANDALL WILLIAM, CA
[71] IBM CANADA LTD. - IBM CANADA LIMITEE, CA
[22] 1999-09-01
[43] 2001-03-01

[21] **2,281,371**
[13] A1
[51] **Int.Cl. 6H01M 10/30**
[25] EN
[54] **RECHARGEABLE NICKEL-ZINC CELL**
[54] **CELLULE AU NICKEL-ZINC RECHARGEABLE**
[72] KORDESCH, KARL, AT
[72] TAUCHER-MAUTNER, WALTRAUD, AT
[72] HARTFORD, WAYNE, CA
[71] ENERGY VENTURES, INC. (CANADA), CA
[22] 1999-09-03
[43] 2001-03-03

[21] **2,281,372**
[13] A1
[51] **Int.Cl. 6B23B 47/28**
[25] EN
[54] **A CLAMP-TYPE DOWELING JIG**
[54] **GABARIT DE CHEVILLAGE**
GENRE PINCE
[72] LINDSAY, JAMES S., CA
[71] LINDSAY, JAMES S., CA
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,375**
[13] A1
[51] **Int.Cl. 6G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR STOPPING OR MODIFYING UNDESIRABLE HEALTH-RELATED BEHAVIOR HABITS OR MAINTAINING DESIRABLE HEALTH-RELATED BEHAVIOR HABITS**
[54] **METHODE ET SYSTEME POUR ARRETER OU MODIFIER DES HABITUDES PREJUDICIALES A LA SANTE OU POUR MAINTENIR DES COMPORTEMENTS BONS POUR LA SANTE**
[72] SEGEL, JOSEPH M., US
[72] SAMUELSON, MICHAEL H., US
[71] SMOKE STOPPERS INTERNATIONAL, INC., US
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,382**
[13] A1
[51] **Int.Cl. 6A47J 37/07 6F17C 13/08**
[25] EN
[54] **BARBEQUE TANK SUPPORT**
[54] **SUPPORT DE RESERVOIR DE BARBECUE**
[72] MCKENZIE, STUART, CA
[71] FIESTA BARBEQUES LIMITED, CA
[22] 1999-09-03
[43] 2001-03-03

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[21] **2,281,394**
[13] A1

[51] **Int.Cl. 6H05H 1/26 6B23K 10/00**
[25] EN
[54] **SAFETY DEVICE FOR A PLASMA TORCH**
[54] **DISPOSITIF DE SECURITE POUR TORCHE A PLASMA**
[72] MARHIC, GÉRARD, FR
[72] LEPEULE, YANNICK, FR
[71] LA SOUDURE AUTOGENE FRANÇAISE, FR
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,457**
[13] A1

[51] **Int.Cl. 6A61M 25/02 6A61M 39/00**
[25] EN
[54] **SECURING DEVICE FOR INTRAVENOUS CANNULA OR CATHETER**
[54] **DISPOSITIF DE FIXATION D'UNE CANULE OU D'UN CATHETER INTRA VEINEUX**
[72] BASSETT, ALFRED ERNEST, CA
[71] BASSETT, ALFRED ERNEST, CA
[22] 1999-08-26
[43] 2001-02-26

[21] **2,281,459**
[13] A1

[51] **Int.Cl. 6H04L 12/16**
[25] EN
[54] **METHOD AND SYSTEM FOR SELECTIVELY TARGETING, INTERACTIVE COMMERCE ENABLED COMMERCIAL MESSAGES VIA PROGRAMS OR SCRIPTS SENT TO SPECIALLY TARGETED NETWORK USERS**
[54] **METHODE ET SYSTEME DE CIBLAGE SELECTIF DE MESSAGES COMMERCIAUX INTERACTIFS VALIDES PAR DES COMPAGNIES COMMERCIALES AU MOYEN DE PROGRAMMES OU DE SCRIPTS ENVOYES A DES UTILISATEURS SPECIALEMENT CIBLES DU RESEAU**
[72] SEGURA, EMERSON E., CA
[71] TARGETNET.COM INC., CA
[22] 1999-09-02
[43] 2001-03-02

[21] **2,281,460**
[13] A1

[51] **Int.Cl. 7C09D 5/16 7A01N 59/20**
[25] EN
[54] **AQUATIC ORGANISM AND CORROSION RESISTANT COATING AND METHOD FOR PRODUCING THE COATING**
[54] **REVETEMENT RESISTANT AUX ORGANISMES AQUATIQUES ET A LA CORROSION ET METHODE DE FABRICATION DUDIT REVETEMENT**
[72] COOK, LEON EDMUND (Deceased), US
[71] COOK, RYAN A., US
[71] COOK, SHANNYN M., US
[22] 1999-08-26
[43] 2001-02-26

[21] **2,281,463**
[13] A1

[51] **Int.Cl. 6A61K 35/74 6A61K 33/24**
[25] EN
[54] **COMPOSITION COMPRISING MICRONUTRIENTS IN COMBINATION WITH PREBIOTICS, PROBIOTICS, AND SYNBIOTICS**
[54] **COMPOSITION COMPRENANT UNE COMBINAISON DE MICRONUTRIMENTS ET DE COMPOSES PREBIOTIQUES, PROBIOTIQUES ET SYMBIOTIQUES**
[72] ZLOTKIN, STANLEY H., CA
[71] ZLOTKIN, STANLEY H., CA
[22] 1999-08-26
[43] 2001-02-26

[21] **2,281,465**
[13] A1

[51] **Int.Cl. 6A45F 5/00 6A45F 5/02 6A45C 11/24 6H04Q 7/32**
[25] EN
[54] **CARRYING CASE FOR PORTABLE TELEPHONE, ELECTRONIC ORGANIZER, AND THE LIKE**
[54] **MALLETTE DE TRANSPORT POUR TELEPHONE PORTABLE, AGENDA ELECTRONIQUE ET AUTRES APPAREILS DU MEME GENRE**
[72] WEIZMAN, ALBERT, CA
[71] WEIZMAN, ALBERT, CA
[22] 1999-08-26
[43] 2001-02-26

[21] **2,281,470**
[13] A1

[51] **Int.Cl. 6A63B 71/12 6A41D 13/06**
[25] EN
[54] **EXTENSIBLE LEG PAD**
[54] **PROTEGE-TIBIA EXTENSIBLE**
[72] FULLUM, JEAN-FRANÇOIS, CA
[71] BAUER NIKE HOCKEY INC., CA
[22] 1999-08-26
[43] 2001-02-26

[21] **2,281,811**
[13] A1

[51] **Int.Cl. 6E01C 9/00 6E01C 11/26**
[25] FR
[54] **ROUTES PRE-FABRIQUEES**
[54] **PREFABRICATED ROADS**
[72] WADDELL, CHARLES, CA
[71] WADDELL, CHARLES, CA
[22] 1999-08-30
[43] 2001-02-28

[21] **2,281,812**
[13] A1

[51] **Int.Cl. 6A63B 69/00 6A63B 67/18**
[25] EN
[54] **BADMINTON TRAINING DEVICE AND SHUTTLECOCK CADDY**
[54] **DISPOSITIF D'ENTRAINEMENT AU BADMINTON ET LANCE-VOLANT**
[72] BROWNE, MICHAEL A., CA
[71] BROWNE, MICHAEL A., CA
[22] 1999-08-26
[43] 2001-02-26

[21] **2,281,845**
[13] A1

[51] **Int.Cl. 6A24F 13/18**
[25] EN
[54] **FUNNY FUNNEL**
[54] **ENTONNOIR «FUNNY FUNNEL»**
[72] MASON, EUGENE E., US
[71] MASON, EUGENE E., US
[22] 1999-09-03
[43] 2001-03-03

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[21] **2,282,039**
[13] A1
[51] **Int.Cl. 6F16L 27/12 6F16L 27/04**
[25] EN
[54] **EXPANSION FLEXIBLE TUBE JOINT AND ASSEMBLING METHOD THEREOF**
[54] **JOINT DE DILATATION SOUPLE DE TUBE ET METHODE D'ASSEMBLAGE**
[72] SAKAI, KOSUKE, JP
[71] WATERWORKS TECHNOLOGY DEVELOPMENT ORGANIZATION CO., LTD., JP
[22] 1999-08-30
[43] 2001-02-28

[21] **2,282,182**
[13] A1
[51] **Int.Cl. 6F02B 51/02 6F02F 3/14**
[25] EN
[54] **COMBUSTION CHAMBER CATALYTIC CONVERTER**
[54] **CONVERTISSEUR CATALYTIQUE POUR CHAMBRE DE COMBUSTION**
[72] BOURGON, PIERRE, CA
[71] BOURGON, PIERRE, CA
[22] 1999-08-25
[43] 2001-02-25

[21] **2,282,206**
[13] A1
[51] **Int.Cl. 6A63F 7/06 6A63B 67/00**
[25] EN
[54] **DUNJO BALL**
[54] **BALLE DE DUNJO**
[72] DUNN, KEVIN MARC, CA
[72] JONES, CHRIS ALBERT, CA
[71] DUNN, KEVIN MARC, CA
[71] JONES, CHRIS ALBERT, CA
[22] 1999-08-26
[43] 2001-02-26

[21] **2,282,669**
[13] A1
[51] **Int.Cl. 6A63B 53/04**
[25] EN
[54] **GOLF CLUB PUTTER WITH SURFACE LEVEL AND/OR SLOPE INDICATOR**
[54] **PUTTER COMPRENANT UN INDICATEUR DE NIVEAU DE SURFACE ET/OU DE PENTE**
[72] SWIST, JASON, CA
[71] SWIST, JASON, CA
[22] 1999-09-02
[43] 2001-03-02

[21] **2,282,723**
[13] A1
[51] **Int.Cl. 6A61N 2/12**
[25] EN
[54] **DYNAMIC ALTERNATING MAGNETIC FIELD STIMULATION DEVICE**
[54] **DISPOSITIF DE STIMULATION A CHAMP MAGNETIQUE ALTERNATIF DYNAMIQUE**
[72] ORPIN, JOHN A., CA
[71] ORPIN, JOHN A., CA
[22] 1999-09-03
[43] 2001-03-03

[21] **2,282,731**
[13] A1
[51] **Int.Cl. 6B08B 3/08 6F28G 9/00 6B08B 9/06**
[25] EN
[54] **MIXCIR**
[54] **SYSTEME MIXCIR POUR PRODUITS CHIMIQUES**
[72] AHMED, RASHID, CA
[71] AHMED, RASHID, CA
[22] 1999-08-27
[43] 2001-02-27

[21] **2,282,775**
[13] A1
[51] **Int.Cl. 6A47L 9/10**
[25] EN
[54] **QUICK PICK VACUUM ADAPTER**
[54] **ADAPTATEUR D'ASPIRATEUR POUR RAMASSAGE RAPIDE**
[72] PUZZELLA, GIUSEPPE, CA
[71] PUZZELLA, GIUSEPPE, CA
[22] 1999-09-03
[43] 2001-03-03

[21] **2,282,867**
[13] A1
[51] **Int.Cl. 6F01N 3/00 6F01N 3/02 6B60K 13/04 6F01N 3/24**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE EXHAUST TREATING APPARATUS AND METHOD**
[54] **METHODE ET APPAREIL DE TRAITEMENT DES GAZ D'ECHAPPEMENT DE MOTEURS A COMBUSTION INTERNE**
[72] SCAPPATURA, EDWARD E., CA
[71] SCAPPATURA, EDWARD E., CA
[22] 1999-08-30
[43] 2001-02-28

[21] **2,283,033**
[13] A1
[51] **Int.Cl. 6F04B 39/16 6F17D 3/14**
[25] EN
[54] **MOISTURE ELIMINATOR**
[54] **ELIMINATEUR DE VAPEUR D'EAU**
[72] BRODRIBB, DUSTIN, CA
[71] BRODRIBB, DUSTIN, CA
[22] 1999-09-02
[43] 2001-03-02

[21] **2,283,034**
[13] A1
[51] **Int.Cl. 6A63B 53/04**
[25] EN
[54] **NON-SYMMETRICAL OR GRADUATED BULGE AND ROLL FOR GOLF CLUB DRIVERS AND WOODS**
[54] **BOMBEMENT ET INCLINAISON LATERALE NON SYMETRIQUES NI PROGRESSIFS POUR DECOCHEURS ET BOIS DE GOLF**
[72] SWIST, JASON, CA
[71] SWIST, JASON, CA
[22] 1999-08-30
[43] 2001-02-28

[21] **2,283,453**
[13] A1
[51] **Int.Cl. 6B27B 33/18 6B23D 57/00**
[25] FR
[54] **L'EXTRACTEUR**
[54] **THE EXTRACTOR**
[72] LAMPRON, DENIS, CA
[71] LAMPRON, DENIS, CA
[22] 1999-09-03
[43] 2001-03-03

[21] **2,283,545**
[13] A1
[51] **Int.Cl. 6E05C 1/16 6E05C 17/00 6E05C 21/02**
[25] EN
[54] **DOOR SECURITY APPARATUS**
[54] **DISPOSITIF DE SECURITE POUR PORTE**
[72] RYAN, GARY D., CA
[71] RYAN, GARY D., CA
[22] 1999-09-03
[43] 2001-03-03

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[21] **2,283,547**
[13] A1

[51] **Int.Cl. 6B62M 9/00 6B62K 11/00 6B62M 23/02 6B62M 7/08**
[25] EN
[54] **BELT DRIVE SYSTEM FOR ELECTRIC BICYCLE**
[54] **SYSTEME D'ENTRAINEMENT PAR COURROIE POUR BICYCLETTE ELECTRIQUE**
[72] CHERNOFF, LARRY J., CA
[72] CHERNOFF, LARRY J., CA
[71] CHERNOFF, LARRY J., CA
[71] CHERNOFF, LARRY J., CA
[22] 1999-09-01
[43] 2001-03-01

[21] **2,283,581**
[13] A1

[51] **Int.Cl. 6A01C 5/06**
[25] FR
[54] **STRAKER 2000**
[54] **STRAKER 2000**
[72] COTÉ, BERTRAND, CA
[72] GAUTHIER, LUC, CA
[71] SOUDURE L. B. ENRG., CA
[22] 1999-08-30
[43] 2001-02-28

[21] **2,284,231**
[13] A1

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **METHOD AND APPARATUS FOR AN INTERLEAVED NON-BLOCKING PACKET BUFFER**
[54] **METHODE ET APPAREIL D'ENTRELACEMENT DE PAQUETS DANS UN TAMPON SANS FORMATION DE BLOCS**
[72] BROWN, DAVID A., CA
[71] MOSAID TECHNOLOGIES, INC., CA
[22] 1999-09-28
[43] 2001-02-28
[30] US (09/386,589) 1999-08-31

[21] **2,284,295**
[13] A1

[51] **Int.Cl. 6B63C 7/10**
[25] EN
[54] **SHIP LIFT UP DEVICE**
[54] **ELEVATEUR D'EMBARCATION**
[72] BAK, SIJO, CA
[71] BAK, SIJO, CA
[22] 1999-08-30
[43] 2001-02-28

[21] **2,284,312**
[13] A1

[51] **Int.Cl. 6A47B 91/00**
[25] EN
[54] **BED ROLLER IMMOBILIZER**
[54] **IMMOBILISATEUR DE ROULETTES DE LIT**
[72] BROSSEAU, ETIENNE U., CA
[71] BROSSEAU, ETIENNE U., CA
[22] 1999-09-07
[43] 2001-02-26
[30] US (09/383,965) 1999-08-26

[21] **2,285,784**
[13] A1

[51] **Int.Cl. 6E04F 21/165**
[25] EN
[54] **DRYWALL-TRIMMING ASSEMBLY RESISTING BUTT-EDGE SEPARATION**
[54] **BORDURES DE FINITION DE CLOISON SECHE GARANTISSANT L'ABOUTTEMENT**
[72] KOENIG, JOSEPH M., JR., US
[72] BUDZIK, MARK, US
[71] TRIM-TEX, INC., US
[22] 1999-10-08
[43] 2001-03-03
[30] US (390,511) 1999-09-03

[21] **2,287,112**
[13] A1

[51] **Int.Cl. 6A61L 25/00 6A61B 17/56**
[25] EN
[54] **METHOD AND APPARATUS FOR STRENGTHENING VERTEBRAL BODIES**
[54] **METHODE ET APPAREIL POUR RENFORCER LES CORPS VERTEBRAUX**
[72] MURPHY, KIERAN, US
[71] MURPHY, KIERAN, US
[22] 1999-10-22
[43] 2001-03-02
[30] CA (2,281,335) 1999-09-02

[21] **2,287,543**
[13] A1

[51] **Int.Cl. 6F01P 11/06 6B60K 11/02**
[25] EN
[54] **MULTIPURPOSE VEHICLE COOLANT RECYCLING DEVICE AND METHOD FOR RECYCLING VEHICLE COOLANT**
[54] **DISPOSITIF POLYVALENT ET METHODE DE RECYCLAGE DU LIQUIDE DE REFROIDISSEMENT D'UN VEHICULE**
[72] DEA, WILLIAM S., US
[72] MOORE, TODD, US
[71] CENTURY MFG. CO., US
[22] 1999-10-27
[43] 2001-02-28
[30] US (09/387,595) 1999-08-31

[21] **2,289,964**
[13] A1

[51] **Int.Cl. 7E21B 21/06 7G01N 33/28**
[25] EN
[54] **DEHYDRATION OF DRILLING MUD**
[54] **DESHYDRATATION DES BOUES DE FORAGE**
[72] JEANSON, DAVID ROGER, CA
[72] SMITH, RICHARD J., CA
[71] NEWPARK DRILLING FLUIDS CANADA, INC., CA
[22] 1999-11-17
[43] 2001-02-27

[21] **2,290,320**
[13] A1

[51] **Int.Cl. 7B01J 20/26 7B01J 20/28 7A61L 15/60**
[25] EN
[54] **GRANULAR LIQUID ABSORBENT MATERIAL**
[54] **MATIERE GRANULAIRE ABSORBANT LES LIQUIDES**
[72] KOMINE, KEIJI, JP
[72] ISHIGAKI, RYUZO, JP
[71] KOMINE, KEIJI, JP
[71] ISHIGAKI, RYUZO, JP
[22] 1999-11-19
[43] 2001-03-03
[30] JP (249815/1999) 1999-09-03

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February 25, 2001 - March 3, 2001

[21] **2,299,191**
[13] A1

[51] **Int.Cl. 7A22C 13/00**
[25] EN
[54] **METHOD AND APPARATUS FOR FACILITATING THE COLLAPSE OF AN EXTRUDED TUBULAR FILM TO A FLAT WIDTH ON THE STARTUP OF EXTRUSION**
[54] **METHODE ET APPAREIL FACILITANT LA COMPRESSION D'UN FILM TUBULAIRE EXTRUDE SUR UNE LARGEUR A PLAT AU DEBUT DE L'EXTRUSION**
[72] MCGAREL, OWEN JOSEPH, US
[72] DUCHARME, PAUL EDMUND JR., US
[71] VISKASE CORPORATION, US
[71] VISKASE CORPORATION, US
[22] 2000-02-21
[43] 2001-02-27
[30] US (09/384,106) 1999-08-27

[21] **2,299,573**
[13] A1

[51] **Int.Cl. 7G02C 9/04**
[25] EN
[54] **AUXILIARY LENS UNITS FOR EYEGLASSES**
[54] **LUNETTES A VERRES AUXILIAIRES**
[72] CHEN, DAVID, CA
[72] CADIEUX, ROBERT, CA
[71] CHEN, DAVID, CA
[71] CADIEUX, ROBERT, CA
[22] 2000-02-24
[43] 2001-02-28
[30] CA (2,281,225) 1999-08-31

[21] **2,299,591**
[13] A1

[51] **Int.Cl. 7G06F 1/16**
[25] EN
[54] **CORE COMPUTER SYSTEM**
[54] **SYSTEME INFORMATIQUE A NOYAU**
[72] MOYNAHAN, JOHN F., US
[72] JENKINS, MICHAEL D., US
[71] XYBERNAUT CORPORATION, US
[22] 2000-02-25
[43] 2001-03-03
[30] US (09/390,398) 1999-09-03

[21] **2,299,739**
[13] A1

[51] **Int.Cl. 7D21F 7/08**
[25] EN
[54] **BASE SUBSTRATES FOR COATED BELTS**
[54] **SUBSTRATS DE BASE POUR COURROIES ENDUITES**
[72] DAVENPORT, FRANCIS L., US
[72] FITZPATRICK, KEITH, NL
[71] ALBANY INTERNATIONAL CORP., US
[22] 2000-02-29
[43] 2001-02-25
[30] US (09/383,141) 1999-08-25

[21] **2,299,792**
[13] A1

[51] **Int.Cl. 7H04B 1/04 7H04J 1/08**
[25] EN
[54] **DUAL-MODE TRANSMITTER**
[54] **EMETTEUR BIMODE**
[72] WALLACE, HENRY B., US
[72] DEROME, GEORGE F., JR., US
[71] DEROME, GEORGE F., JR., US
[22] 2000-02-28
[43] 2001-02-25
[30] US (09/382,763) 1999-08-25

[21] **2,299,994**
[13] A1

[51] **Int.Cl. 7H04L 29/10**
[25] EN
[54] **ENHANCED COMMUNICATION SERVICES FOR DATA NETWORKS**
[54] **SERVICES AMELIORES DE COMMUNICATIONS POUR RESEAUX DE TRANSMISSION DE DONNEES**
[72] GIESE, PETER A., CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-03
[43] 2001-02-28
[30] US (09/386,462) 1999-08-31

[21] **2,300,247**
[13] A1

[51] **Int.Cl. 7A01N 59/06 7C02F 1/00 7A23B 7/157 7A01N 59/16 7A23L 1/212 7A01N 59/26 7A23L 3/358**
[25] EN
[54] **ANTI-BACTERIA AGENT MADE FROM SHELL, AND METHODS FOR PURIFYING AND DESALINATING WATER AND FOR WASHING AGRICULTURAL PRODUCTS WITH USE THEREOF**
[54] **AGENT ANTIBACTERIEN FABRIQUE A PARTIR DE COQUILLES, ET METHODES DE PURIFICATION ET DE DESALEMENT DE L'EAU, ET DE LAVAGE DES PRODUITS AGRICOLES AVEC CETTE EAU**
[72] FUNAI, YUKIO, JP
[72] SASAKI, MANABU, JP
[72] SASAKI, KEIKO, JP
[72] KOYAMA, KASUMI, JP
[71] ION CORPORATION CO., LTD., JP
[22] 2000-03-09
[43] 2001-02-28
[30] JP (11-242755) 1999-08-30

[21] **2,300,317**
[13] A1

[51] **Int.Cl. 7A46B 17/02**
[25] EN
[54] **PAINTBRUSH HANGER**
[54] **CROCHET POUR PINCEAU**
[72] DEBREUIL, JOHN A., CA
[71] DEBREUIL, JOHN A., CA
[22] 2000-02-29
[43] 2001-03-01
[30] US (09/387,762) 1999-09-01

[21] **2,300,488**
[13] A1

[51] **Int.Cl. 7F04D 3/02 7F04D 29/18 7A61M 5/31**
[25] EN
[54] **BIOLOGICAL PRECISION SCREW PUMP**
[54] **POMPE A VIS BIOLOGIQUE DE PRECISION**
[72] HATAMURA, YOTARO, JP
[72] NAKAO, MASAYUKI, JP
[72] OKUSA, TAKENORI, JP
[71] HATAMURA, YOTARO, JP
[22] 2000-03-13
[43] 2001-03-02
[30] JP (11/248784) 1999-09-02

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[21] **2,300,512**
[13] A1

[51] **Int.Cl. 7H04N 1/32 7H04L 12/54**
[25] EN
[54] **INTERNET FACSIMILE APPARATUS AND ADDRESS INPUT METHOD**
[54] **TELECOPIEUR INTERNET ET METHODE D'INTRODUCTION DE L'ADRESSE**
[72] TOYODA, KIYOSHI, JP
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP
[22] 2000-03-07
[43] 2001-02-28
[30] JP (11-243064) 1999-08-30

[21] **2,300,551**
[13] A1

[51] **Int.Cl. 7A47J 43/10**
[25] EN
[54] **WHISK WITH WIRE LOOPS COVERED WITH SILICON TUBING**
[54] **FOUET A BOUCLES METALLIQUES GAINEES DE SILICONE**
[72] BROWNE, PETER, CA
[71] BROWNE & CO. LTD., CA
[22] 2000-03-08
[43] 2001-02-28

[21] **2,303,562**
[13] A1

[51] **Int.Cl. 7A01B 69/02**
[25] EN
[54] **DEVICE FOR MARKING THE PATH ALONG THE GROUND OF A ROLLING WHEEL**
[54] **DISPOSITIF DE MARQUAGE DE PARCOURS SUR LE SOL A L'AIDE D'UNE ROUE**
[72] KADY, RICHARD J., US
[71] KADY, RICHARD J., US
[22] 2000-03-30
[43] 2001-03-02
[30] US (60/152,100) 1999-09-02
[30] US (09/523,433) 2000-03-10

[21] **2,303,729**
[13] A1

[51] **Int.Cl. 7B01D 46/42**
[25] EN
[54] **AIR FILTER GAUGE**
[54] **JAUGE DE FILTRE A AIR**
[72] REDNER, ROBERT P., US
[71] GENERAL FILTERS, INC., US
[22] 2000-04-05
[43] 2001-02-28
[30] US (09/387,302) 1999-08-31

[21] **2,304,453**
[13] A1

[51] **Int.Cl. 7C12N 15/53 7A61K 48/00 7C12N 5/10 7A61K 38/44 7C12N 15/867**
[25] EN
[54] **USE OF EC-SOD FOR TREATMENT OF SYSTEMIC AUTOIMMUNE DISEASES**
[54] **UTILISATION D'EC-SOD POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES SYSTEMIQUES**
[72] IYAMA, SATOSHI, JP
[72] NIITSU, YOSHIRO, JP
[72] YAMAUCHI, NAOFUMI, JP
[71] Dनावेक RESEARCH INC., JP
[22] 2000-04-27
[43] 2001-03-01
[30] JP (11/248032) 1999-09-01

[21] **2,304,892**
[13] A1

[51] **Int.Cl. 7B64C 33/02**
[25] EN
[54] **WING MOVEMENT FOR ORNITHOPTERS AND APPARATUS OF THE LIKE**
[54] **MOUVEMENT D'AILES POUR ORNITHOPTERES ET APPAREILS CONNEXES**
[72] THERRIAULT, CLEMENT (deceased), CA
[72] THERRIAULT, MICHEL, CA
[71] THERRIAULT, CLEMENT (deceased), CA
[71] THERRIAULT, MICHEL, CA
[22] 2000-04-05
[43] 2001-02-25
[30] CA (2,280,656) 1999-08-25

[21] **2,304,938**
[13] A1

[51] **Int.Cl. 7E21B 43/24**
[25] EN
[54] **SLANTED WELL ENHANCED EXTRACTION PROCESS FOR THE RECOVERY OF HEAVY OIL AND BITUMEN USING HEAT AND SOLVENT**
[54] **PROCEDE D'EXTRACTION AMELIORE, DANS LES PUITES INCLINES, POUR LA RECUPERATION D'HUILE LOURDE ET DE BITUME AU MOYEN DE CHALEUR ET DE SOLVANTS**
[72] BAKER, DEREK, CA
[72] THIMM, LAURA, CA
[72] DAS, SWAPAN, CA
[72] BYL, MARGARET, CA
[71] SUNCOR ENERGY INC., CA
[22] 2000-04-10
[43] 2001-02-28
[30] CA (2,281,276) 1999-08-31

[21] **2,306,193**
[13] A1

[51] **Int.Cl. 7B63H 25/00 7F02D 29/02 7B63H 11/02**
[25] EN
[54] **WATERCRAFT WITH STEER-RESPONSIVE THROTTLE**
[54] **VEHICULE MARIN DONT LA COMMANDE DES GAZ EST SOLIDAIRE DE LA DIRECTION**
[72] MICHEL, CAMILLE, CA
[72] RHEAULT, ALAIN, CA
[71] BOMBARDIER INC., CA
[22] 2000-04-19
[43] 2001-02-26
[30] US (09/383,073) 1999-08-26

[21] **2,306,584**
[13] A1

[51] **Int.Cl. 7G02C 9/04**
[25] EN
[54] **AUXILIARY LENS UNITS FOR EYEGASSES**
[54] **LENTILLES ADDITIONNELLES POUR LUNETTES**
[72] CADIEUX, ROBERT, CA
[72] CHEN, DAVID, CA
[71] CADIEUX, ROBERT, CA
[71] CHEN, DAVID, CA
[22] 2000-04-25
[43] 2001-02-28
[30] CA (2,281,225) 1999-08-31
[30] CA (2,299,573) 2000-02-24

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[21] **2,307,349**
[13] A1

[51] **Int.Cl. 7G06F 11/36**
[25] EN
[54] **RANKED BREAK POINTS AND METHOD FOR DEBUGGING A COMPUTER PROGRAM**
[54] **POINTS D'INTERRUPTION ORDONNES ET METHODE DE DEBOGAGE D'UN PROGRAMME INFORMATIQUE**
[72] BATES, CARY LEE, US
[72] SANTOSUOSSO, JOHN MATTHEW, US
[72] DAY, PAUL REUBEN, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-05-01
[43] 2001-03-03
[30] US (09/390,619) 1999-09-03

[21] **2,307,388**
[13] A1

[51] **Int.Cl. 7C08F 210/16 7C08F 10/00 7C08F 110/00**
[25] EN
[54] **FLUIDIZED BED REACTOR FOR GAS PHASE OLEFIN POLYMERIZATION, PROCESS FOR POLYMERIZING OLEFIN AND PROCESS FOR PRODUCING OLEFINIC POLYMER**
[54] **REACTEUR A LIT FLUIDISE POUR LA POLYMERISATION EN PHASE GAZEUSE D'OLEFINES, PROCESSUS DE POLYMERISATION D'OLEFINES ET METHODE DE PRODUCTION DE POLYMERES OLEFINIQUES**
[72] OGINO, KOICHI, JP
[72] HAMBA, MASASHI, JP
[72] ICHIKAWA, YOSHIYUKI, JP
[72] KONAKA, TSUTOMU, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[22] 2000-05-01
[43] 2001-03-03
[30] JP (11-249861) 1999-09-03

[21] **2,307,926**
[13] A1

[51] **Int.Cl. 7B62D 49/00 7A01C 23/00 7A01B 59/06**
[25] EN
[54] **MULTI-FUNCTIONAL SELF-PROPELLED FARM TRACTOR**
[54] **TRACTEUR AGRICOLE MULTIFONCTIONNEL AUTOPROPULSE**
[72] DEGELMAN, WILFRED J., CA
[71] DEGELMAN INDUSTRIES LTD., CA
[22] 2000-05-09
[43] 2001-02-28

[21] **2,308,011**
[13] A1

[51] **Int.Cl. 7D06N 3/00 7D21F 7/08**
[25] EN
[54] **METHOD FOR MANUFACTURING RESIN-IMPREGNATED ENDLESS BELT STRUCTURES FOR PAPERMAKING MACHINES AND SIMILAR INDUSTRIAL APPLICATIONS**
[54] **METHODE DE FABRICATION DE STRUCTURES A BANDE SANS FIN IMPREGNEES DE RESINE POUR MACHINES DE PAPETERIE ET APPLICATIONS INDUSTRIELLES SIMILAIRES**
[72] MCGAHERN, DESMOND, US
[71] ALBANY INTERNATIONAL CORP., US
[22] 2000-05-11
[43] 2001-02-28
[30] US (09/386,114) 1999-08-30

[21] **2,308,572**
[13] A1

[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **CALL ADMISSION CONTROL METHOD AND APPARATUS FOR CELLULAR SYSTEMS**
[54] **METHODE DE COMMANDE D'ADMISSION DES APPELS ET APPAREIL POUR SYSTEMES CELLULAIRES**
[72] SALMANIAN, MAZDA, CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-05-16
[43] 2001-02-26
[30] US (09/383,629) 1999-08-26

[21] **2,309,466**
[13] A1

[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATICALLY MUTING RESTRICTED ELECTRONIC DEVICES IN RESTRICTED AREAS**
[54] **SYSTEME ET METHODE ASSURANT LE REGLAGE SILENCIEUX AUTOMATIQUE DE DISPOSITIFS ELECTRONIQUES CONTROLES DANS DES ZONES PROTEGEES**
[72] LIPOVSKI, G. JACK, US
[71] LIPOVSKI, G. JACK, US
[22] 2000-05-25
[43] 2001-02-27
[30] US (09/384,723) 1999-08-27

[21] **2,310,304**
[13] A1

[51] **Int.Cl. 7C12N 15/29 7C12N 5/04 7A01H 5/10 7C12N 15/82**
[25] EN
[54] **FLAX SEED SPECIFIC PROMOTERS**
[54] **PROMOTEURS SPECIFIQUES DE GRAINES DE LIN**
[72] MOLONEY, MAURICE M., CA
[72] SINGH, SURINDER, AU
[72] VAN ROOIJEN, GIJS, CA
[72] CHAUDHARY, SARITA, CA
[71] MOLONEY, MAURICE M., CA
[71] SINGH, SURINDER, AU
[71] VAN ROOIJEN, GIJS, CA
[71] CHAUDHARY, SARITA, CA
[22] 2000-05-30
[43] 2001-02-27
[30] US (60/161,722) 1999-10-27
[30] US (60/151,044) 1999-08-27

[21] **2,310,944**
[13] A1

[51] **Int.Cl. 7H04L 12/26**
[25] EN
[54] **SYSTEM FOR TRACKING THE HISTORY OF CHANNEL BASED NETWORK DEVICES**
[54] **SYSTEME DE SUIVI DES ANTECEDENTS DE DISPOSITIFS RESEAU BASES SUR LES CANAUX**
[72] MOELLER, DOUGLAS, US
[72] LISTE, MATTHEW, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-06-02
[43] 2001-02-28
[30] US (09/412,689) 1999-08-31

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[21] **2,311,142**
[13] A1

[51] **Int.Cl. 7E06B 3/08**
[25] EN
[54] **UNITARY PROFILE FOR WINDOW CONSTRUCTION**
[54] **PROFIL UNITAIRE POUR LA FABRICATION DE FENETRE**
[72] GUHL, JAMES C., US
[71] ANDERSEN CORPORATION, US
[22] 2000-06-02
[43] 2001-02-28
[30] US (09/386,785) 1999-08-31

[21] **2,311,970**
[13] A1

[51] **Int.Cl. 7G09F 19/00 7G09F 23/00 7G11C 11/34**
[25] EN
[54] **MESSAGE PROVIDING APPARATUS**
[54] **APPAREIL DE COMMUNICATION DE MESSAGES**
[72] KOBAYASHI, TOSHIHIKO, JP
[72] NAGATOMO, HIDEO, JP
[71] TOPPAN PRINTING CO., LTD., JP
[22] 2000-06-19
[43] 2001-02-26
[30] JP (11-239978) 1999-08-26
[30] JP (11-241190) 1999-08-27

[21] **2,312,125**
[13] A1

[51] **Int.Cl. 7B25B 27/26**
[25] EN
[54] **VALVE SPRING COMPRESSOR**
[54] **COMPRESSEUR DE RESSORTS DE SOUPAPES**
[72] KAMPHUIS, DWAIN L., US
[72] STEIL, WILLIAM F., US
[71] K-LINE INDUSTRIES, INC., US
[22] 2000-06-23
[43] 2001-02-26
[30] US (09/384,295) 1999-08-26

[21] **2,312,412**
[13] A1

[51] **Int.Cl. 7F24C 7/06**
[25] EN
[54] **ELECTRIC HEATING ELEMENT FOR A COOKING APPLIANCE**
[54] **ELEMENT CHAUFFANT ELECTRIQUE POUR APPAREIL DE CUISSON**
[72] BARNES, SHELTON T., US
[72] OMEYER, DAVID C., US
[72] HERN-FONSETH, VALERIE L., US
[72] BENNETT, PERRY A., US
[71] MAYTAG CORPORATION, US
[22] 2000-06-21
[43] 2001-02-25
[30] US (09/382,806) 1999-08-25

[21] **2,312,460**
[13] A1

[51] **Int.Cl. 7H04L 12/22 7G06F 12/14**
[25] EN
[54] **METHOD AND SYSTEM FOR ALGORITHM-BASED ADDRESS-EVADING NETWORK SNOOP AVOIDER**
[54] **METHODE ET SYSTEME PERMETTANT D'EVITER UN CONTROLEUR DE RESEAU A L'AIDE D'UN REMPLACEMENT D'ADRESSES PAR ALGORITHME**
[72] MULLEN, SHAWN PATRICK, US
[72] MCBREARTY, GERALD FRANCIS, US
[72] GENTY, DENISE MARIE, US
[72] SHIEH, JOHNNY MENG-HAN, US
[72] UNNIKRISHNAN, RAMACHANDRAN, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-06-20
[43] 2001-02-26
[30] US (09/383,740) 1999-08-26

[21] **2,312,463**
[13] A1

[51] **Int.Cl. 7H04B 10/18 7G02B 5/26**
[25] EN
[54] **CHROMATIC DISPERSION COMPENSATION**
[54] **COMPENSATION DE LA DISPERSION CHROMATIQUE**
[72] FELLS, JULIAN A., GB
[72] ROURKE, HOWARD N., GB
[72] COLLAR, ANDREW J., GB
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-06-20
[43] 2001-02-28
[30] US (09/385,939) 1999-08-30

[21] **2,312,602**
[13] A1

[51] **Int.Cl. 7A47G 9/10 7A61F 5/56**
[25] EN
[54] **TOOL FOR FIRMLY CARRYING A CUSHION MEMBER ON ONE'S BACK**
[54] **OUTIL PERMETTANT DE PLAQUER FERMEMENT UN ELEMENT COUSSINE CONTRE LE DOS DE L'UTILISATEUR**
[72] KAMMA, HIROSHI, JP
[71] KAMMA, HIROSHI, JP
[22] 2000-06-27
[43] 2001-02-28
[30] JP (11-243919) 1999-08-30

[21] **2,312,880**
[13] A1

[51] **Int.Cl. 7C08J 3/24 7C08K 3/36**
[25] EN
[54] **RUBBER COMPOSITION CONTAINING TWO SILICAS**
[54] **COMPOSITION DE CAOUTCHOUC RENFERMANT DEUX TYPES DE SILICE**
[72] VISEL, FRIEDRICH, LU
[72] ZIMMER, RENE JEAN, LU
[72] AGOSTINI, GIORGIO, LU
[72] MATERNE, THIERRY FLORENT EDME, BE
[72] FRANK, UWE ERNST, DE
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2000-06-29
[43] 2001-02-25
[30] US (60/149,643) 1999-08-25

[21] **2,313,221**
[13] A1

[51] **Int.Cl. 7C07C 215/50 7C07D 295/096 7C10L 1/22**
[25] EN
[54] **MANNICH DISPERSANTS WITH ENHANCED LUBRICITY**
[54] **AGENTS DE DISPERSION DE TYPE MANNICH AYANT UN POUVOIR DE LUBRIFICATION AMELIORE**
[72] HENLY, TIMOTHY J., US
[71] ETHYL CORPORATION, US
[22] 2000-06-30
[43] 2001-02-28
[30] US (09/386,690) 1999-08-31

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[21] **2,313,224**
[13] A1
[51] **Int.Cl. 7C07D 207/412 7C08G 73/10 7C10L 1/22**
[25] EN
[54] **FUEL DISPERSANTS WITH ENHANCED LUBRICITY**
[54] **AGENTS DE DISPERSION POUR CARBURANTS AYANT UN POUVOIR DE LUBRIFICATION AMELIORE**
[72] HENLY, TIMOTHY J., US
[71] ETHYL CORPORATION, US
[22] 2000-06-30
[43] 2001-02-28
[30] US (09/386,634) 1999-08-31

[21] **2,313,269**
[13] A1
[51] **Int.Cl. 7H01R 13/639 7H01R 12/14**
[25] EN
[54] **BOARD-TO-BOARD ALIGNMENT AND SECUREMENT DEVICE**
[54] **DISPOSITIF D'ALIGNEMENT ET D'ASSUJETTISSEMENT PLAQUETTE CONTRE PLAQUETTE**
[72] PETROCELLI, WILLIAM, US
[72] ALDEN, WAYNE S., III, US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2000-06-30
[43] 2001-03-01
[30] US (09/387,885) 1999-09-01

[21] **2,313,421**
[13] A1
[51] **Int.Cl. 7F16G 1/00 7F16G 5/00**
[25] EN
[54] **POWER TRANSMISSION BELT**
[54] **COURROIE DE TRANSMISSION D'ENERGIE**
[72] WEGELE, BRIAN DEAN, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2000-07-05
[43] 2001-02-26
[30] US (60/150,871) 1999-08-26

[21] **2,313,558**
[13] A1
[51] **Int.Cl. 7G06F 17/00 7H04L 29/02**
[25] EN
[54] **SYSTEM AND METHOD FOR INCORPORATING SEMANTIC CHARACTERISTICS INTO THE FORMAT-DRIVEN SYNTACTIC DOCUMENT TRANSCODING FRAMEWORK**
[54] **SYSTEME ET METHODE D'INCORPORATION DE CARACTERISTIQUES SEMANTIQUES DANS UN CADRE DE TRANSCODAGE DE DOCUMENTS COMMANDE PAR FORMAT SYNTAXIQUE**
[72] LITA, CHRISTIAN, US
[72] DUTTA, RABINDRANATH, US
[72] RODRIGUEZ, JEFFREY EDWARD, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-07-06
[43] 2001-02-26
[30] US (09/383,742) 1999-08-26

[21] **2,313,728**
[13] A1
[51] **Int.Cl. 7B23D 45/00**
[25] EN
[54] **METHOD FOR SEPARATING PROFILED FOILS**
[54] **METHODE DE SEPARATION DE FEUILLES PROFILEES**
[72] BAR, MARTIN, CH
[71] SULZER CHEMTECH AG, CH
[22] 2000-07-07
[43] 2001-02-25
[30] EP (99 810 761.9) 1999-08-25

[21] **2,313,920**
[13] A1
[51] **Int.Cl. 7F16D 65/38 7B61H 15/00**
[25] EN
[54] **ROD LOCKING MECHANISM FOR COMPRESSION SLACK ADJUSTER**
[54] **MECANISME DE BLOCAGE DE TIGE DE TENDEUR A COMPRESSION**
[72] KANJO, WAJIH, US
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 2000-07-14
[43] 2001-03-02
[30] US (389,669) 1999-09-02

[21] **2,313,958**
[13] A1
[51] **Int.Cl. 7H01H 36/02**
[25] EN
[54] **MULTI-POLE ACTIVATION MAGNETIC ROTARY SENSING DEVICE**
[54] **DISPOSITIF MAGNETIQUE ROTATIF DE DETECTION A EXCITATION MULTIPOLAIRE**
[72] EDWARDS, PAUL K., GB
[71] BREED AUTOMOTIVE TECHNOLOGY, INC., US
[22] 2000-07-17
[43] 2001-02-27
[30] GB (9920241.8) 1999-08-27

[21] **2,314,026**
[13] A1
[51] **Int.Cl. 7B29C 45/17 7B29C 45/20**
[25] EN
[54] **INJECTION MOLDING SYSTEM WITH PRESSURE BUSHING LOCATION RING**
[54] **SYSTEME DE MOULAGE PAR INJECTION AVEC BAGUE DE POSITIONNEMENT DE MANCHON DE PRESSION**
[72] WAMPOLE, RICHARD J., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-07-18
[43] 2001-03-01
[30] US (09/388,213) 1999-09-01

[21] **2,314,061**
[13] A1
[51] **Int.Cl. 7G01V 3/34**
[25] EN
[54] **RESERVOIR MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE GESTION DE RESERVOIR**
[72] CIGLENEC, REINHART, US
[72] TABANOU, JACQUES R., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2000-07-18
[43] 2001-02-25
[30] US (09/382,534) 1999-08-25

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[21] **2,314,062**
[13] A1

[51] **Int.Cl. 7F16L 47/08**
[25] EN
[54] **FITTING ASSEMBLY FOR FLUID AND VAPOR CONNECTION**
[54] **ENSEMBLE DE CANALISATION PERMETTANT LE RACCORDEMENT DE LIQUIDE ET DE VAPEUR**
[72] MEACHAM, DARREN, US
[72] THRIFT, CHARLES D., US
[71] TI GROUP AUTOMOTIVE SYSTEMS CORPORATION, US
[22] 2000-07-18
[43] 2001-02-28
[30] US (09/385,898) 1999-08-30
[30] US (09/589,015) 2000-06-07

[21] **2,314,088**
[13] A1

[51] **Int.Cl. 7F16F 9/36 7F16J 9/28**
[25] EN
[54] **AIR DAMPER WITH GRAPHITE COATED LIP SEAL**
[54] **REGISTRE A AIR AVEC JOINT A LEVRE REVETU DE GRAPHITE**
[72] BIVENS, STEVEN L., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-07-18
[43] 2001-03-02
[30] US (09/388,971) 1999-09-02

[21] **2,314,198**
[13] A1

[51] **Int.Cl. 7A61B 10/00**
[25] EN
[54] **AN ULTRASONIC DIAGNOSIS APPARATUS**
[54] **UN APPAREIL DE DIAGNOSTIC A ULTRASONS**
[72] WATANABE, YOSHINOBU, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 2000-07-21
[43] 2001-02-28
[30] JP (11-243917) 1999-08-30

[21] **2,314,211**
[13] A1

[51] **Int.Cl. 7H01K 1/46**
[25] EN
[54] **LAMP BASE**
[54] **PIED DE LAMPE**
[72] WRIGHT, JOHN O., US
[71] OSRAM SYLVANIA INC., US
[22] 2000-07-19
[43] 2001-02-26
[30] US (09/383,909) 1999-08-26

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

[51] **Int.Cl. 7C01F 17/00 7G21K 4/00**
[25] EN
[54] **MIXED FLUX FOR YTTRIUM TANTALATE X-RAY PHOSPHORS**
[54] **FONDANTS MIXTES POUR LA SYNTHESE DE LUMINOPHORES, A BASE DE TANTALATE D'YTTRIUM, POUR RAYONS X**
[72] MARKING, GREGORY A., US
[71] OSRAM SYLVANIA INC., US
[22] 2000-07-19
[43] 2001-02-27
[30] US (09/384,598) 1999-08-27

[21] **2,314,380**
[13] A1

[51] **Int.Cl. 7E04F 19/04**
[25] EN
[54] **MITERLESS MOLDING CORNER PIECE FOR ROUNDED INSIDE AND OUTSIDE CORNERS**
[54] **ECOINCONS DE MOULURES SANS ONGLET POUR ANGLES RENTRANTS ET SAILLANTS ARRONDIS**
[72] LEBLANC, DONALD, CA
[71] LEBLANC, DONALD, CA
[22] 2000-07-19
[43] 2001-02-28
[30] US (09/385,856) 1999-08-30

[21] **2,314,410**
[13] A1

[51] **Int.Cl. 7G05G 1/14 7B60K 26/02**
[25] EN
[54] **MECHANICAL KICKDOWN FOR ELECTRONIC THROTTLE CONTROL PEDAL ASSEMBLY**
[54] **COMMANDE DE CHARGE MECANIQUE POUR PEDALE D'ACCELERATION ELECTRONIQUE**
[72] KALSI, AVTAR S., CA
[72] WHEELER, DOUGLAS J., US
[71] TELEFLEX INCORPORATED, US
[22] 2000-07-25
[43] 2001-02-26
[30] US (09/383,839) 1999-08-26

[21] **2,314,411**
[13] A1

[51] **Int.Cl. 7F24C 7/08 7F24C 15/00 7F24C 3/12**
[25] EN
[54] **PROGRAM CONTROL AND DISPLAY SYSTEM FOR A COOKING APPLIANCE**
[54] **SYSTEME PROGRAMMABLE DE COMMANDE ET D'AFFICHAGE POUR APPAREIL DE CUISSON**
[72] SAUTER, KENNETH E., US
[72] BENNETT, PERRY A., US
[72] BARNES, SHELTON T., US
[71] MAYTAG CORPORATION, US
[22] 2000-07-24
[43] 2001-03-01
[30] US (09/387,736) 1999-09-01

[21] **2,314,413**
[13] A1

[51] **Int.Cl. 7G05B 19/04 7F24C 7/08 7F24C 3/12**
[25] EN
[54] **PROGRAM CONTROL AND DISPLAY SYSTEM FOR MULTIPLE APPLIANCE UNITS**
[54] **SYSTEME PROGRAMMABLE DE COMMANDE ET D'AFFICHAGE POUR MULTIPLES APPAREILS ELECTROMENAGERS**
[72] BENNETT, PERRY A., US
[72] SAUTER, KENNETH E., US
[72] BARNES, SHELTON T., US
[72] BECKER, THEODORE A., US
[71] MAYTAG CORPORATION, US
[22] 2000-07-24
[43] 2001-03-01
[30] US (09/387,738) 1999-09-01

[21] **2,314,455**
[13] A1

[51] **Int.Cl. 7B01D 71/26 7H01M 2/16**
[25] EN
[54] **BATTERY SEPARATORS WITH REDUCED SPLITTING PROPENSITY**
[54] **ELEMENT DE SEPARATION POUR PILE AYANT UNE TENDANCE REDUITE A SE SEPARER**
[72] CALLAHAN, ROBERT W., US
[72] CALL, RONALD W., US
[72] HARLESON, KEN J., US
[72] YU, TA-HUA, US
[71] CELGARD INC., US
[22] 2000-07-21
[43] 2001-02-28
[30] US (09/385,933) 1999-08-30

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February 25, 2001 - March 3, 2001

[21] **2,314,546**
[13] A1
[51] **Int.Cl. 7G01N 33/547 7G01N 33/52
7G01N 33/53 7G01N 33/535 7G01N 33/569**
[25] EN
[54] **FLOW-THROUGH ASSAY FOR
VISUALLY DETECTING THE
PRESENCE OF INFLUENZA A AND B**
[54] **ESSAI A ECOULEMENT CONTINU
POUR LA DETECTION VISUELLE DE
LA PRESENCE DE L'INFLUENZA A ET
B**
[72] MILUNIC, DAVID, US
[72] LOVELL, STEPHEN J., US
[71] BECTON, DICKINSON AND
COMPANY, US
[22] 2000-07-26
[43] 2001-02-28
[30] US (09/387,609) 1999-08-31

[21] **2,314,568**
[13] A1
[51] **Int.Cl. 7H01R 13/46 7H04Q 7/32**
[25] EN
[54] **CONTACT-CONNECTOR FOR
MOBILE TELEPHONE APPARATUSES**
[54] **CONNECTEUR A CONTACTS
POUR APPAREILS TELEPHONIQUES
MOBILES**
[72] GOLLHOFER, MARTIN, DE
[72] CLAUSS, DIETER, DE
[72] ANDREWS, DEREK, GB
[72] ILLG, MANFRED, DE
[71] ITT MANUFACTURING
ENTERPRISES, INC., US
[22] 2000-07-20
[43] 2001-02-28
[30] DE (299 15 180.8) 1999-08-30

[21] **2,314,592**
[13] A1
[51] **Int.Cl. 7B65D 41/18 7B29C 47/06
7B29C 43/20**
[25] EN
[54] **MULTI-LAYER PLASTIC
CLOSURE WITH BARRIER
PROPERTIES**
[54] **COUVERCLE EN PLASTIQUE
MULTI-COUCHEES AVEC PROPRIETE
BARRIERE**
[72] RIFFER, DAVID B., US
[71] OWENS-ILLINOIS CLOSURE INC.,
US
[22] 2000-07-27
[43] 2001-03-01
[30] US (09/388,113) 1999-09-01

[21] **2,314,702**
[13] A1
[51] **Int.Cl. 7D21C 9/18**
[25] EN
[54] **SEALING ARRANGEMENT FOR
PULP DEWATERING ARRANGEMENT**
[54] **DISPOSITIF D'ETANCHEITE
POUR ESSOREUSE DE PATE**
[72] BROTTGARDH, GORAN, SE
[72] LAMAS, AXEL, SE
[72] ERIKSSON, JOHAN, SE
[71] KVAERNER PULPING AB, SE
[22] 2000-07-27
[43] 2001-02-27
[30] SE (SE 9903078-5) 1999-08-27

[21] **2,314,753**
[13] A1
[51] **Int.Cl. 7A63F 13/12**
[25] EN
[54] **IMAGE-DISPLAY GAME SYSTEM
AND INFORMATION STORAGE
MEDIUM USED THEREFOR**
[54] **SYSTEME DE JEU A AFFICHAGE
D'IMAGES ET SUPPORT DE
STOCKAGE D'INFORMATION
UTILISE POUR CE SYSTEME**
[72] ISHIHARA, TSUNEKAZU, JP
[72] TAJIRI, SATOSHI, JP
[71] NINTENDO CO. LTD., JP
[71] CREATURES INC., JP
[71] GAME FREAK INC., JP
[22] 2000-07-28
[43] 2001-02-26
[30] JP (283279/1999) 1999-08-26
[30] JP (330724/1999) 1999-11-19

[21] **2,314,754**
[13] A1
[51] **Int.Cl. 7A63F 13/00**
[25] EN
[54] **GAME MACHINE AND STORAGE
MEDIUM THEREFOR**
[54] **MACHINE DE JEU ET SUPPORT
DE STOCKAGE POUR CETTE
MACHINE**
[72] TAJIRI, SATOSHI, JP
[72] ISHIHARA, TSUNEKAZU, JP
[71] CREATURES INC., JP
[71] GAME FREAK INC., JP
[71] NINTENDO CO., LTD., JP
[22] 2000-07-28
[43] 2001-02-26
[30] JP (283279/1999) 1999-08-26
[30] JP (330284/1999) 1999-11-19

[21] **2,314,846**
[13] A1
[51] **Int.Cl. 7F16L 27/04**
[25] EN
[54] **CORRUGATING JOINT AND
SYPHON SYSTEM**
[54] **SYSTEME CANNELE DE JOINT ET
DE SIPHON**
[72] HENRY, TIMOTHY N. L., US
[72] MEDSKER, JAMES A., US
[72] BAKER, JENNIFER J., US
[72] BERGHUIS, RAYMOND R., NL
[72] KOZLOWSKI, EDMUND, DE
[71] THE JOHNSON CORPORATION, US
[22] 2000-08-02
[43] 2001-02-28
[30] US (09/385,678) 1999-08-30

[21] **2,314,863**
[13] A1
[51] **Int.Cl. 7A61F 2/28**
[25] EN
[54] **RADIAL HEAD IMPLANT SYSTEM
INCLUDING MODULAR IMPLANTS,
SIZERS AND INSTRUMENTATION**
[54] **SYSTEME D'IMPLANT DE TETE
RADIALE COMPRENANT DES
IMPLANTS MODULAIRES, DES
ELEMENTS DE COLLAGE ET DES
INSTRUMENTS**
[72] TERRILL-GRISONI, LAURALAN, US
[72] GRUSIN, NATHANIEL KELLEY, US
[72] THEIS-HARDWERKER, MAUREEN,
US
[72] JOHNSON, JAMES A., CA
[72] PATTERSON, STUART D., US
[72] RAYNOR, DONALD E., US
[72] KING, GRAHAM J.W., CA
[71] WRIGHT MEDICAL TECHNOLOGY
INC., US
[22] 2000-08-02
[43] 2001-03-01
[30] US (09/388,093) 1999-09-01

Demandes canadiennes mises à la disponibilité du public
25 février 2001 - 3 mars 2001

[21] **2,314,928**
[13] A1

[51] **Int.Cl. 7H04N 1/04 7G03C 11/00 7H04N 3/40**
[25] EN
[54] **DEVICE FOR PHOTOELECTRIC SCANNING OF PHOTOGRAPHIC FILM**
[54] **DISPOSITIF DE BALAYAGE PHOTOELECTRIQUE DE FILM PHOTOGRAPHIQUE**
[72] ROTACH, HANSJORG, CH
[72] VON TOBEL, GEORG, CH
[72] KOBEL, PETER, CH
[71] GRETAG IMAGING TRADING AG, CH
[22] 2000-08-03
[43] 2001-02-26
[30] EP (99 116 723.0) 1999-08-26

[21] **2,315,344**
[13] A1

[51] **Int.Cl. 7C25B 1/16 7C25B 1/34 7C25B 1/46**
[25] EN
[54] **ELECTRODIALYSIS WATER SPLITTING PROCESS**
[54] **PROCESSUS DE DECOMPOSITION DE L'EAU PAR ELECTRODIALYSE**
[72] MANI, K.N., US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[22] 2000-08-03
[43] 2001-03-01
[30] US (60/151,967) 1999-09-01
[30] US (09/562,233) 2000-04-28

[21] **2,315,472**
[13] A1

[51] **Int.Cl. 7B01J 8/04**
[25] EN
[54] **METHOD FOR MODERNIZATION OF A HETEROGENEOUS EXOTHERMIC SYNTHESIS REACTOR**
[54] **METHODE POUR MODERNISER UN REACTEUR POUR SYNTHESE EXOTHERMIQUE HETEROGENE**
[72] FILIPPI, ERMANNO, CH
[72] PAGANI, GIORGIO, CH
[71] AMMONIA CASALE S.A., CH
[22] 2000-08-11
[43] 2001-02-28
[30] EP (99202829.0) 1999-08-31

[21] **2,315,488**
[13] A1

[51] **Int.Cl. 7H04B 7/216**
[25] EN
[54] **QUALITY OF SERVICE BASED CDMA BROADCAST SCHEDULER**
[54] **SYSTEME D'ETABLISSEMENT D'HORAIRE DE DIFFUSION AMRC BASE SUR LA QUALITE DE SERVICE**
[72] GRANDHI, SUDHEER A., US
[72] CHENG, TERRY SI-FONG, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-10
[43] 2001-02-25
[30] US (09/382,583) 1999-08-25

[21] **2,315,572**
[13] A1

[51] **Int.Cl. 7B41J 3/36 7G06F 3/12**
[25] EN
[54] **PORTABLE PRINTER AND DATA ENTRY DEVICE ASSEMBLY**
[54] **ENSEMBLE PORTATIF A IMPRIMANTE ET DISPOSITIF DE SAISIE DE DONNEES**
[72] PROWS, DENNIS S., US
[72] ARNOLD, GREGORY B., US
[71] MONARCH MARKING SYSTEMS, INC., US
[22] 2000-08-04
[43] 2001-02-27
[30] US (09/384,675) 1999-08-27

[21] **2,315,592**
[13] A1

[51] **Int.Cl. 7G01C 15/00 7G01C 1/00 7G01S 17/02 7H01S 5/40**
[25] EN
[54] **LASER ARRANGEMENT FOR A MULTI-BEAM LASER SIGHTING MECHANISM**
[54] **ARRANGEMENT LASER POUR MECANISME DE VISEE LASER MULTIFAISCEAU**
[72] WAIBEL, REINHARD, CH
[72] PISKE, WILFRIED, DE
[72] BUNTER, ERWIN, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2000-08-08
[43] 2001-02-28
[30] DE (199 41 030.5) 1999-08-28

[21] **2,315,604**
[13] A1

[51] **Int.Cl. 7G02B 6/25**
[25] EN
[54] **OPTICAL FIBER RIBBON SEPARATION TOOL**
[54] **SEPARATEUR DE RUBAN DE FIBRES OPTIQUES**
[72] WHISNANT, CARL M., JR., US
[72] PARSONS, ALAN T., US
[72] DELLINGER, KERRY D., US
[71] CORNING CABLE SYSTEMS LLC, US
[22] 2000-08-11
[43] 2001-02-28
[30] US (09/386,698) 1999-08-31

[21] **2,315,606**
[13] A1

[51] **Int.Cl. 7H02H 9/02**
[25] EN
[54] **RESETTABLE FAST CURRENT LIMITER IN TELECOMMUNICATIONS PROTECTION**
[54] **LIMITEUR DE COURANT RAPIDE REENCLENCHABLE POUR LA PROTECTION DES TELECOMMUNICATIONS**
[72] NAPIORKOWSKI, JOHN J., US
[72] WILKEN, JOSH M., US
[71] CORNING CABLE SYSTEMS LLC, US
[22] 2000-08-11
[43] 2001-02-26
[30] US (09/383,657) 1999-08-26

[21] **2,315,608**
[13] A1

[51] **Int.Cl. 7B65D 41/50**
[25] EN
[54] **EASY-OPEN COMPOSITE CONTAINER WITH A MEMBRANE-TYPE CLOSURE**
[54] **CONTENANT COMPOSITE FACILE A OUVRIR COMPRENANT UN COUVERCLE GENRE MEMBRANE**
[72] VARADARAJAN, KRISHNARAJU, US
[72] DRUMMOND, MICHAEL T., US
[72] WILLIAMS, ALAN D., US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2000-08-11
[43] 2001-03-02
[30] US (09/388,897) 1999-09-02

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[21] **2,315,949**
[13] A1
[51] **Int.Cl. 7C12N 15/54 7A01H 5/00**
7C12N 9/12 7C12N 15/63 7C12N 15/82
[25] EN
[54] **NOVEL PLANT-DERIVED MAP**
KINASE KINASE
[54] **MAP KINASE KINASE NOUVELLE**
D'ORIGINE VEGETALE
[72] XING, TI, CA
[72] MARTIN-HELLER, TERESA, CA
[72] MALIK, KAMAL, CA
[72] MIKI, BRIAN L., CA
[71] HER MAJESTY THE QUEEN, IN
RIGHT OF CANADA, AS REPRESENTED
BY THE MINISTRE, CA
[22] 2000-08-22
[43] 2001-02-27
[30] US (09/384,162) 1999-08-27

[21] **2,315,950**
[13] A1
[51] **Int.Cl. 7B60N 2/30**
[25] EN
[54] **IMPROVED STOWABLE**
CANTILEVERED SEAT
[54] **SIEGE CANTILEVER**
ESCAMOTABLE AMELIORE
[72] REICHENBERGER, ERIN, US
[72] MINBIOLE, MICHAEL, US
[72] MOFFA, MICHAEL D., US
[71] FREEDMAN SEATING COMPANY,
US
[22] 2000-08-14
[43] 2001-02-28
[30] US (09/386,013) 1999-08-30

[21] **2,315,957**
[13] A1
[51] **Int.Cl. 7H04Q 7/36 7G10L 19/14**
[25] EN
[54] **METHOD AND APPARATUS FOR**
CONTROLLING POWER FOR
VARIABLE-RATE VOCODED
COMMUNICATIONS
[54] **METHODE ET APPAREIL DE**
COMMANDE DE PUISSANCE POUR
COMMUNICATIONS AVEC CODEUR
VOCAL A DEBIT VARIABLE
[72] WU, XIAO CHENG, US
[72] MEYERS, MARTIN HOWARD, US
[72] WEAVER, CARL FRANCIS, US
[72] KAMEL, RAAFAT EDWARD, US
[72] KUO, WEN-YI, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-11
[43] 2001-02-26
[30] US (09/383,233) 1999-08-26

[21] **2,315,960**
[13] A1
[51] **Int.Cl. 7B01D 33/21 7F16C 33/72**
[25] EN
[54] **STRUCTURE FOR SUPPORTING**
ROTARY SHAFT
[54] **STRUCTURE DE SUPPORT**
D'ARBRE ROTATIF
[72] FUJIMOTO, TAKASHI, JP
[72] HATANAKA, MITSURU, JP
[72] MURAI, YUKIO, JP
[72] MATSUURA, MASAYUKI, JP
[71] HITACHI PLANT ENGINEERING &
CONSTRUCTION CO., LTD., JP
[22] 2000-08-15
[43] 2001-02-28
[30] JP (11-245860) 1999-08-31

[21] **2,315,964**
[13] A1
[51] **Int.Cl. 7C10L 1/22**
[25] EN
[54] **FUELS WITH ENHANCED**
LUBRICITY
[54] **CARBURANTS AYANT UN**
POUVOIR DE LUBRIFICATION
AMELIORE
[72] QUIGLEY, ROBERT, GB
[72] LOPER, JOHN T., US
[72] HENLY, TIMOTHY J., US
[71] ETHYL CORPORATION, US
[22] 2000-08-08
[43] 2001-02-28
[30] US (09/386,707) 1999-08-31

[21] **2,315,967**
[13] A1
[51] **Int.Cl. 7B23P 21/00 7B23P 19/00**
[25] EN
[54] **APPARATUS FOR ASSEMBLING**
VEHICLE BODY
[54] **ASSEMBLEUR DE CARROSSERIE**
DE VEHICULE
[72] FUKUMORI, MASAYUKI, JP
[72] KOIKE, MASASHI, JP
[72] KATO, CHITOSHI, JP
[72] KUSUMEGI, KENJI, JP
[72] KITAMURA, NAGAHISA, JP
[72] TANAKA, MASAACKI, JP
[72] MIWA, TEIJI, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2000-08-15
[43] 2001-02-27
[30] JP (242121/1999) 1999-08-27
[30] JP (242122/1999) 1999-08-27
[30] JP (242123/1999) 1999-08-27
[30] JP (242124/1999) 1999-08-27

[21] **2,315,978**
[13] A1
[51] **Int.Cl. 7C12N 15/10 7C12P 13/08**
7C12N 1/21 7C12N 15/63
[25] EN
[54] **NEW NUCLEOTIDE SEQUENCES**
CODING FOR THE THRE GENE AND
PROCESS FOR THE ENZYMATIC
PRODUCTION OF L-THREONINE
USING CORYNEFORM BACTERIA
[54] **NOUVELLES SEQUENCES DE**
NUCLEOTIDES CODANT POUR LE
GENE THRE ET PROCESSUS DE
PRODUCTION ENZYMATIQUE DE L-
THREONINE A L'AIDE DE BACTERIES
CORYNEFORMES
[72] ZIEGLER, PETRA, DE
[72] EGGELING, LOTHAR, DE
[72] SAHM, HERMANN, DE
[72] THIERBACH, GEORG, DE
[71] FORSCHUNGSZENTRUM JULICH
GMBH, DE
[71] DEGUSSA-HULS
AKTIENGESELLSCHAFT, DE
[22] 2000-08-28
[43] 2001-03-01
[30] DE (199 41 478.5) 1999-09-01

[21] **2,315,980**
[13] A1
[51] **Int.Cl. 7H04M 3/56**
[25] EN
[54] **CALL ME CONFERENCE CALL**
SYSTEM
[54] **SYSTEME DE RAPPEL POUR**
CONFERENCE TELEPHONIQUE
[72] BUSHNELL, WILLIAM JACKSON,
US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-14
[43] 2001-02-28
[30] US (09/386,729) 1999-08-31

[21] **2,315,982**
[13] A1
[51] **Int.Cl. 7H01H 13/705 7H04Q 7/32**
[25] EN
[54] **KEY INPUT DEVICE**
[54] **DISPOSITIF D'INTRODUCTION**
DE CLES
[72] MUSHIKA, MOTOAKI, JP
[72] KONISHI, HIROYUKI, JP
[71] SANYO ELECTRIC CO., LTD., JP
[22] 2000-08-14
[43] 2001-02-27
[30] JP (HEI. 11-242160) 1999-08-27

Demandes canadiennes mises à la disponibilité du public
25 février 2001 - 3 mars 2001

[21] **2,315,987**
[13] A1

[51] **Int.Cl. 7H04Q 7/32**
[25] EN
[54] **APPARATUS, METHOD AND SYSTEM FOR VOICE COMMUNICATION HAND-OFF IN A MOBILE PACKET DATA NETWORK ENVIRONMENT**
[54] **APPAREIL, METHODE ET SYSTEME DE TRANSFERT DE COMMUNICATIONS VOCALES DANS UN ENVIRONNEMENT DE RESEAU MOBILE A DONNEES PAR PAQUETS**
[72] SAWYER, ALBERT JOSEPH, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-14
[43] 2001-02-26
[30] US (09/384,017) 1999-08-26

[21] **2,315,990**
[13] A1

[51] **Int.Cl. 7H03M 1/36**
[25] EN
[54] **CURRENT MODE ASYNCHRONOUS DECISION A/D CONVERTER**
[54] **CONVERTISSEUR N/A A DECISION ASYNCHRONE FONCTIONNANT EN MODE D'INTENSITE**
[72] SEVENHANS, JOANNES MATHILDA JOSEPHUS, BE
[71] ALCATEL, FR
[22] 2000-08-15
[43] 2001-02-25
[30] EP (99 402 115.2) 1999-08-25

[21] **2,316,036**
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7A01H 5/10 7C12N 15/29 7C12N 15/52 7C12N 15/62 7C12Q 1/68**
[25] EN
[54] **REPRESSING GENE EXPRESSION IN PLANTS**
[54] **REGULATION DE L'EXPRESSION GENETIQUE CHEZ DES VEGETAUX**
[72] MIKI, BRIAN, CA
[72] BROWN, DAN, CA
[72] TIAN, LINING, CA
[72] WU, KEQIANG, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA
[22] 2000-08-24
[43] 2001-02-27
[30] US (09/383,971) 1999-08-27

[21] **2,315,988**
[13] A1

[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **ENHANCED ROAMING NOTIFICATION**
[54] **NOTIFICATION D'ITINERANCE AMELIOREE**
[72] LI, GANG, US
[72] BIRNIE, WILLIAM KEVIN, US
[72] FURNARI, MARK DANIEL, US
[72] DENNIS, S. ANTHONY, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-14
[43] 2001-02-27
[30] US (09/384,646) 1999-08-27

[21] **2,316,000**
[13] A1

[51] **Int.Cl. 7A61M 37/00 7A61B 18/00 7A61B 18/04**
[25] EN
[54] **THERMAL COVER MEMBER FOR DELIVERING FLUID TO A PATIENT**
[54] **ELEMENT DE PROTECTION THERMIQUE POUR L'ADMINISTRATION D'UN FLUIDE A UN PATIENT**
[72] TOMIC-EDGAR, KERRY, US
[72] SHIGEZAWA, GORDON, US
[72] BERAN, ANTHONY, US
[71] RESPIRATORY SUPPORT PRODUCTS, INC., US
[22] 2000-08-15
[43] 2001-02-28
[30] US (09/385,827) 1999-08-30

[21] **2,316,062**
[13] A1

[51] **Int.Cl. 7C08F 226/06 7C09D 139/04**
[25] EN
[54] **BRANCHED POLYMERS CONTAINING IMIDAZOLE GROUPS AND THE PRODUCTION AND USE THEREOF**
[54] **POLYMERES RAMIFIES RENFERMANT DES GROUPES IMIDAZOLES ET LEUR PRODUCTION ET LEUR UTILISATION**
[72] ORTH, ULRICH, DE
[72] HAUBENNESTEL, KARLHEINZ, DE
[72] GAJEWIAK, ULRICH, DE
[72] KRAPPE, UDO, DE
[71] BYK-CHEMIE GMBH, DE
[22] 2000-08-16
[43] 2001-02-28
[30] DE (199 41 031.3) 1999-08-28

[21] **2,315,989**
[13] A1

[51] **Int.Cl. 7H04B 10/17 7H04J 14/02**
[25] EN
[54] **FAST GAIN CONTROL FOR OPTICAL AMPLIFIERS**
[54] **COMMANDE DE GAIN RAPIDE POUR AMPLIFICATEURS OPTIQUES**
[72] FEULNER, MATTHIAS RICHARD, DE
[72] ZHOU, JIANHUI, US
[72] WERNER, DIETER, DE
[72] TEICHMANN, BERND, DE
[72] HUNZIKER, GUIDO HERMANN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-14
[43] 2001-02-25
[30] US (09/382,853) 1999-08-25

[21] **2,316,001**
[13] A1

[51] **Int.Cl. 7B65D 33/24**
[25] EN
[54] **RECLOSABLE PLASTIC BAG AND METHOD FOR FORMING**
[54] **SAC EN PLASTIQUE A FERMETURE REUTILISABLE ET METHODE DE FABRICATION**
[72] STEMPKA, CHARLES, US
[72] SHAFFER, GREGORY RICHARD, US
[71] AEROQUIP CORPORATION, US
[22] 2000-08-14
[43] 2001-02-27
[30] US (09/384,883) 1999-08-27

[21] **2,316,066**
[13] A1

[51] **Int.Cl. 7H01M 8/02**
[25] EN
[54] **FUEL CELL COOLING APPARATUS AND FUEL CELL SYSTEM**
[54] **APPAREIL POUR LE REFROIDISSEMENT D'UNE PILE A COMBUSTIBLE ET SYSTEME DE PILE A COMBUSTIBLE**
[72] KIMBARA, MASAHIKO, JP
[72] ISOGAI, YOSHIHIRO, JP
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP
[22] 2000-08-16
[43] 2001-02-28
[30] JP (11-243183) 1999-08-30

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[21] 2,316,068
[13] A1

[51] **Int.Cl. 7H01M 8/06**
[25] EN
[54] **HYDROGEN SUPPLY SYSTEM FOR FUEL CELL SYSTEME D'APPROVISIONNEMENT EN HYDROGENE POUR PILE A COMBUSTIBLE**
[72] KIMBARA, MASAHIKO, JP
[72] ISOGAI, YOSHIHIRO, JP
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP
[22] 2000-08-16
[43] 2001-02-28
[30] JP (11-243182) 1999-08-30

[21] 2,316,074
[13] A1

[51] **Int.Cl. 7H04M 1/60**
[25] EN
[54] **TELEPHONE WITH SOUND CUSTOMIZABLE TO AUDIOLOGICAL PROFILE OF USER**
[54] **APPAREIL TELEPHONIQUE AVEC MECANISME DE REGLAGE DU SON EN FONCTION DU PROFIL AUDIOLOGIQUE DE L'UTILISATEUR**
[72] SMITH, DAVID L., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-16
[43] 2001-02-28
[30] US (09/386,064) 1999-08-30

[21] 2,316,077
[13] A1

[51] **Int.Cl. 7B60K 17/35 7B62D 63/02 7F16H 48/14**
[25] EN
[54] **SADDLE SEAT TYPE MOTOR VEHICLE WITH LIMITED SLIP DIFFERENTIAL**
[54] **VEHICULE MOTORISE A SIEGE GENRE SELLE A PATINAGE DIFFERENTIEL LIMITE**
[72] SEKI, BUNZO, JP
[72] SENDA, AKIO, JP
[72] HANDA, AKIO, JP
[72] INOUE, KAZUSHIRO, JP
[72] KOMORI, HISAHIRO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-17
[43] 2001-03-02
[30] JP (HEI-11-249375) 1999-09-02

[21] 2,316,083
[13] A1

[51] **Int.Cl. 7G03F 1/00**
[25] EN
[54] **MASK REPAIR REPARATION DE MASQUE**
[72] HARRIOTT, LLOYD RICHARD, US
[72] NOVEMBRE, ANTHONY EDWARD, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-17
[43] 2001-02-27
[30] US (09/384,395) 1999-08-27

[21] 2,316,087
[13] A1

[51] **Int.Cl. 7H04M 3/42**
[25] EN
[54] **ADVERTISED RING BACK IN A TELECOMMUNICATION SWITCHING SYSTEM**
[54] **PUBLICITE REMPLACANT LA TONALITE DE RAPPEL DANS UN SYSTEME DE COMMUTATION DE TELECOMMUNICATIONS**
[72] CHAVEZ, DAVID L., JR., US
[72] THIELER, STEPHEN M., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-17
[43] 2001-02-28
[30] US (09/387,161) 1999-08-31

[21] 2,316,088
[13] A1

[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **INTERNATIONAL ROAMING SERVICE FOR PERMITTING A CELLULAR/WIRELESS TELEPHONE INSTRUMENT TO ACCESS DIFFERENT WIRELESS TELEPHONE NETWORK/SYSTEMS**
[54] **SERVICE INTERNATIONAL D'ITINERANCE PERMETTANT A UN APPAREIL TELEPHONIQUE CELLULAIRE/SANS FIL D'ACCEDE A DES RESEAUX/SYSTEMES TELEPHONIQUE SANS FIL DIFFERENTS**
[72] OKORO, JEREMIAH, US
[72] RUSSELL, JESSE EUGENE, US
[71] AT&T CORP., US
[22] 2000-08-17
[43] 2001-02-27
[30] US (09/384,451) 1999-08-27

[21] 2,316,104
[13] A1

[51] **Int.Cl. 7G06F 3/03 7G04G 1/10**
[25] EN
[54] **WATCH INCLUDING A CONTACTLESS CONTROL DEVICE FOR A COMPUTER CURSOR**
[54] **MONTRE COMPORTANT UN DISPOSITIF DE COMMANDE SANS CONTACT POUR CURSEUR D'ORDINATEUR**
[72] BERTHAUD, CHRISTOPHE, CH
[71] SWATCH AG, CH
[22] 2000-08-17
[43] 2001-02-25
[30] EP (99116617.4) 1999-08-25

[21] 2,316,109
[13] A1

[51] **Int.Cl. 7C04B 35/581**
[25] EN
[54] **ALUMINUM NITRIDE SINTERED BODY AND MANUFACTURING METHOD THEREOF**
[54] **ARTICLE FRITTE EN NITRURE D'ALUMINIUM ET METHODE POUR LE FABRIQUER**
[72] ISHII, TAKASHI, JP
[72] SASAKI, KAZUTAKA, JP
[72] KUIBIRA, AKIRA, JP
[72] NAKATA, HIROHIKO, JP
[72] HIGAKI, KENJIRO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2000-08-17
[43] 2001-02-25
[30] JP (11-237709) 1999-08-25

[21] 2,316,117
[13] A1

[51] **Int.Cl. 7G02F 1/133**
[25] EN
[54] **METHOD FOR MAKING A LIQUID CRYSTAL DISPLAY MODULE AND A SINGLE-FACE PRINTED CIRCUIT OBTAINED VIA SAID METHOD**
[54] **METHODE POUR FABRIQUER UN MODULE D'AFFICHAGE A CRISTAUX LIQUIDES ET UN CIRCUIT IMPRIME A UNE FACE OBTENU GRACE A CETTE METHODE**
[72] PANTET, LAURENT, CH
[72] ALBISETTI, CARLO, CH
[71] THE SWATCH GROUP MANAGEMENT SERVICES AG, CH
[22] 2000-08-17
[43] 2001-02-27
[30] CH (1570/99) 1999-08-27

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[21] **2,316,126**
[13] A1

[51] **Int.Cl. 7E21B 19/00 7H02G 9/06**
[25] EN
[54] **WELL PUMP ELECTRICAL CABLE WITH INTERNAL BRISTLE SUPPORT**
[54] **CABLE ELECTRIQUE DE POMPE DE PUITTS MUNI DE CRINS DE SOUTIEN INTERNE**
[72] COLLIE, CHARLES C., US
[72] WILBOURN, PHILLIP R., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2000-08-17
[43] 2001-02-28
[30] US (09/385,339) 1999-08-30

[21] **2,316,145**
[13] A1

[51] **Int.Cl. 7F16H 61/14**
[25] EN
[54] **TORQUE CONVERTER EQUIPPED WITH LOCK-UP MECHANISM**
[54] **CONVERTISSEUR DE COUPLE MUNI D'UN MECANISME DE VERROUILLAGE**
[72] ABE, HIROYA, JP
[72] MARUYAMA, TETSUROU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-16
[43] 2001-02-26
[30] JP (11-239789) 1999-08-26
[30] JP (2000-216916) 2000-07-18

[21] **2,316,152**
[13] A1

[51] **Int.Cl. 7F02B 75/06 7F16F 15/24**
[25] EN
[54] **BALANCE SHAFT FOR ENGINE BALANCING SYSTEMS**
[54] **VOLANT D'EQUILIBRAGE DU VILEBREQUIN POUR SYSTEMES D'EQUILIBRAGE DE MOTEUR**
[72] YOSHIDA, KEIKO, JP
[72] IWATA, KAZUYUKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-17
[43] 2001-03-03
[30] JP (11-250619) 1999-09-03

[21] **2,316,134**
[13] A1

[51] **Int.Cl. 7C08G 65/28 7C09D 17/00 7C09D 171/02 7C09D 11/10 7C11D 1/72 7C11D 1/722**
[25] EN
[54] **BLOCK-COPOLYMERIC POLYALKYLENE OXIDES CONTAINING STYRENE OXIDE, OBTAINED BY ALKOXYLATION, AND THEIR USE**
[54] **COPOLYMERES SEQUENCES D'OXYDES D'ALKYLENE RENFERMANT DE L'OXYDE DE STYRENE, OBTENU PAR ALCOXYLATION ET LEUR UTILISATION**
[72] SILBER, STEFAN, DE
[72] REUTER, ELLEN, DE
[72] VENZMER, JOACHIM, DE
[72] BOINOWITZ, TAMMO, DE
[71] GOLDSCHMIDT AG, DE
[22] 2000-08-15
[43] 2001-02-27
[30] DE (199 40 797.5) 1999-08-27

[21] **2,316,147**
[13] A1

[51] **Int.Cl. 7F01L 1/34 7F01L 9/02**
[25] EN
[54] **OIL PASSAGE SYSTEM OF VALVE MOVING APPARATUS FOR INTERNAL COMBUSTION ENGINE**
[54] **LUMIERE D'HUILE DE DISPOSITIF DE MOUVEMENT DE SOUPAPE POUR MOTEUR A COMBUSTION INTERNE**
[72] KOBAYASHI, TOSHIKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-17
[43] 2001-03-03
[30] JP (11-250786) 1999-09-03

[21] **2,316,154**
[13] A1

[51] **Int.Cl. 7E01H 5/07**
[25] EN
[54] **VERTICAL SHAFT SNOW ENGINE**
[54] **MOTEUR A ARBRE VERTICAL POUR SOUFFLEUSE A NEIGE**
[72] STENZ, DENNIS N., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 2000-08-16
[43] 2001-02-26
[30] US (09/383,553) 1999-08-26

[21] **2,316,149**
[13] A1

[51] **Int.Cl. 7F02F 7/00 7F01L 9/02 7F01L 1/34**
[25] EN
[54] **AN ENCLOSURE CHAMBER FOR A CAMSHAFT DRIVING ENDLESS FLEXIBLE MEMBER OF AN INTERNAL COMBUSTION ENGINE**
[54] **LOGEMENT D'ARBRE A CAMES ENTRAINANT UN ELEMENT FLEXIBLE SANS FIN D'UN MOTEUR A COMBUSTION INTERNE**
[72] KOBAYASHI, TOSHIKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-17
[43] 2001-03-03
[30] JP (11-250787) 1999-09-03

[21] **2,316,322**
[13] A1

[51] **Int.Cl. 7F01N 7/14**
[25] EN
[54] **STRUCTURE OF ATTACHING HEAT INSULATOR**
[54] **STRUCTURE DE FIXATION D'ISOLANT THERMIQUE**
[72] KAMO, YUKIO, JP
[72] TSURUTA, YUICHIRO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-18
[43] 2001-03-03
[30] JP (HEI-11-250972) 1999-09-03

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[21] **2,316,327**
[13] A1
[51] **Int.Cl. 7B65H 37/04 7B65H 37/00**
[25] EN
[54] **COIL HANDLING DEVICE**
[54] **DISPOSITIF DE MANUTENTION DE BOBINES**
[72] WITCZAK, STANISLAW, US
[72] GOIN, BOBBY L., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-08-18
[43] 2001-02-26
[30] US (09/383,446) 1999-08-26

[21] **2,316,422**
[13] A1
[51] **Int.Cl. 7E04C 3/12 7B27M 3/00**
[25] EN
[54] **FABRICATED BOX STUD SYSTEMS**
[54] **SYSTEMES DE COFFRAGE DE MONTANTS**
[72] HENTHORN, JOHN R., US
[71] HENTHORN, JOHN R., US
[22] 2000-08-18
[43] 2001-02-28
[30] US (60/151,372) 1999-08-30
[30] US (UNKNOWN) 2000-04-20

[21] **2,316,433**
[13] A1
[51] **Int.Cl. 7G01B 11/26 7G01B 11/24**
[25] EN
[54] **APPARATUS AND METHOD FOR EDGE DETECTION**
[54] **APPAREIL ET METHODE DE DETECTION DE BORD**
[72] ELIOR, ARIEL, IL
[72] VASHDI, SHMUEL, IL
[72] RONEN, JOSEF, IL
[72] LIBERMAN, MOSHE, IL
[72] NACASH, DAVID, IL
[71] CREOSCITEX CORPORATION LTD., IL
[22] 2000-08-21
[43] 2001-02-28
[30] IL (131671) 1999-08-31

[21] **2,316,439**
[13] A1
[51] **Int.Cl. 7H01R 13/44**
[25] EN
[54] **A HIGH CURRENT MALE AND FEMALE POWER CONNECTOR ASSEMBLY**
[54] **ENSEMBLE DE CONNECTEURS D'ALIMENTATION MALE ET FEMELLE POUR COURANT DE GRANDE INTENSITE**
[72] GORDON, KEITH FORBES, GB
[72] CAMERON, JOHN, GB
[71] LITTON PRECISION PRODUCTS INTERNATIONAL, INC., GB
[22] 2000-08-18
[43] 2001-03-02
[30] US (09/388,930) 1999-09-02

[21] **2,316,440**
[13] A1
[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **SYSTEM FOR PERFORMING HANDOFFS USING LOCATION INFORMATION FOR A WIRELESS UNIT**
[54] **SYSTEME DE TRANSFERT AU MOYEN D'INFORMATION DE LOCALISATION POUR UNE UNITE SANS FIL**
[72] TOBIAS, JONATHAN MICHAEL, US
[72] RAUSCHER, MARY ELLEN, US
[72] MATUSEVICH, ALEX, US
[72] ANDERSON, CARL RICHARD, JP
[72] HANSON, KATHRYN W., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-18
[43] 2001-02-28
[30] US (09/386,982) 1999-08-31

[21] **2,316,441**
[13] A1
[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **SYSTEM FOR DETERMINING WIRELESS COVERAGE USING LOCATION INFORMATION FOR A WIRELESS UNIT**
[54] **SYSTEME DE DETERMINATION DE LA COUVERTURE SANS FIL AU MOYEN D'INFORMATION DE LOCALISATION POUR UNE UNITE SANS FIL**
[72] GARCERAN, JULIO ANTONIO, US
[72] HANSON, KATHRYN W., US
[72] MATUSEVICH, ALEX, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-18
[43] 2001-02-28
[30] US (09/387,604) 1999-08-31

[21] **2,316,461**
[13] A1
[51] **Int.Cl. 7A61G 7/05 7A47C 31/10**
[25] EN
[54] **COVERLET FOR AN AIR BED**
[54] **COUVRE-PIEDS DE LIT FLUIDISE**
[72] DENSON, DANIEL A., US
[72] BOLDEN, MICHAEL V., US
[71] HILL-ROM, INC., US
[22] 2000-08-22
[43] 2001-02-27
[30] US (09/384,922) 1999-08-27

[21] **2,316,462**
[13] A1
[51] **Int.Cl. 7A63B 55/10**
[25] EN
[54] **GOLF BAG WITH CAM ACTUATED SUPPORT STAND AND DETACHABLE BODY**
[54] **SAC DE GOLF AVEC SUPPORT ACTIONNE PAR CAMES ET CORPS AMOVIBLE**
[72] SOLHEIM, JOHN A., US
[72] SCHMIDT, GREGORY J., US
[72] TUERSCHMANN, GARY L., US
[72] SUGGS, GREGORY M., US
[71] KARSTEN MANUFACTURING CORPORATION, US
[22] 2000-08-22
[43] 2001-02-26
[30] US (09/383,706) 1999-08-26

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[21] **2,316,468**
[13] A1

[51] **Int.Cl. 7F24F 9/00 7F24H 3/02 7F24F 13/10**
[25] EN
[54] **IMPROVED AIR CURTAIN VESTIBULE**
[54] **VESTIBULE A RIDEAU D'AIR AMELIORE**
[72] STRYCHARSKE, THOMAS D., US
[71] ASI TECHNOLOGIES, INC., US
[22] 2000-08-15
[43] 2001-02-25
[30] US (09/382,904) 1999-08-25

[21] **2,316,476**
[13] A1

[51] **Int.Cl. 7F25B 43/00**
[25] EN
[54] **APPARATUS FOR MINIMIZING REFRIGERANT USAGE**
[54] **APPAREIL POUR REDUIRE AU MINIMUM L'UTILISATION DE FLUIDE DE REFROIDISSEMENT**
[72] VOGEL, KENNETH E., US
[72] HENSCH, CHRISTOPHER D., US
[71] ARDCO, INC., US
[22] 2000-08-18
[43] 2001-02-27
[30] US (09/384,964) 1999-08-27

[21] **2,316,477**
[13] A1

[51] **Int.Cl. 7F16B 39/12**
[25] EN
[54] **ZERO ON PREVAILING TORQUE NUT**
[54] **ECROU A COUPLE DE SERRAGE NUL**
[72] LeVEY, KENNETH R., US
[72] GRUCA, NED J., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-08-22
[43] 2001-03-02
[30] US (09/388,757) 1999-09-02

[21] **2,316,481**
[13] A1

[51] **Int.Cl. 7E03C 1/12**
[25] EN
[54] **MODULAR VACUUM DRAINAGE SYSTEM**
[54] **SYSTEME DE DRAINAGE MODULAIRE SOUS VIDE**
[72] PONDELICK, MARK, US
[72] WALLACE, DOUG, US
[72] TINKLER, IAN, US
[72] VON PALFFY, BJORN, US
[71] WILCOX, RUTH J. BOWDEN, US
[72] BEATTY, TOM, US
[71] EVAC INTERNATIONAL OY, FI
[22] 2000-08-18
[43] 2001-02-28
[30] US (09/385,210) 1999-08-30

[21] **2,316,483**
[13] A1

[51] **Int.Cl. 7B27L 11/02**
[25] EN
[54] **APPARATUS AND METHOD FOR CHIPPING WOOD DEBRIS**
[54] **APPAREIL ET METHODE POUR LA MISE EN COPEAUX DE DEBRIS DE BOIS**
[72] SCHUMACHER, NEIL J., US
[71] MORBARK, INC., US
[22] 2000-08-22
[43] 2001-02-26
[30] US (09/383,687) 1999-08-26

[21] **2,316,491**
[13] A1

[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **AGGREGATE POWER MEASUREMENT**
[54] **MESURE COMBINEE DU NIVEAU DE PUISSANCE DE SIGNAUX**
[72] KO, KYUNG HWAN, US
[72] ZHU, LILY, US
[72] EIBLING, EDWARD ELLIS, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-17
[43] 2001-02-28
[30] US (09/385,725) 1999-08-30

[21] **2,316,502**
[13] A1

[51] **Int.Cl. 7A61K 7/075 7A61K 7/06**
[25] EN
[54] **HAIR CONDITIONING FORMULATION FOR MENDING SPLIT ENDS**
[54] **FORMULATION REVITALISANTE POUR LE TRAITEMENT DES CHEVEUX FOURCHUS**
[72] TSIVKIN, IRINA, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[22] 2000-08-17
[43] 2001-02-27
[30] US (09/384,620) 1999-08-27

[21] **2,316,504**
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/00 7B60R 15/04**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] OSAO, NORIAKI, JP
[72] USHIO, TAKESHI, JP
[72] SUGITA, NARUTOSHI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-22
[43] 2001-02-26
[30] JP (11-240054) 1999-08-26

[21] **2,316,507**
[13] A1

[51] **Int.Cl. 7H01R 4/66 7H05K 5/00 7H05K 7/14**
[25] EN
[54] **GROUNDING BRACKET FOR ELECTRICAL EQUIPMENT ENCLOSURE**
[54] **SUPPORT DE MISE A LA TERRE POUR ENCEINTE D'EQUIPEMENT ELECTRIQUE**
[72] LESCHINGER, MATTHEW, US
[71] MARCONI COMMUNICATIONS, INC., US
[22] 2000-08-22
[43] 2001-02-25
[30] US (09/382,942) 1999-08-25

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[21] **2,316,509**
[13] A1

[51] **Int.Cl. 7H04B 3/20**
[25] EN
[54] **ECHO CANCELLATION DEVICE WITH SELF-DEACTIVATION**
[54] **DISPOSITIF DE SUPPRESSION D'ECHO DOTE D'UN MECANISME D'AUTO-DESACTIVATION**
[72] ZHANG, PENG, US
[72] DUNN, JAMES PATRICK, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-22
[43] 2001-02-28
[30] US (09/386,728) 1999-08-31

[21] **2,316,515**
[13] A1

[51] **Int.Cl. 7A47J 37/10**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF A NON-STICK FRYING-PAN OR SAUCEPAN**
[54] **METHODE DE FABRICATION D'UNE POELE A FRIRE OU D'UN POELON A REVETEMENT ANTI-ADHESIF**
[72] MORONI, VITALIANO, IT
[71] LAGOSTINA S.P.A., IT
[22] 2000-08-22
[43] 2001-02-26
[30] IT (MI99A001842) 1999-08-26

[21] **2,316,524**
[13] A1

[51] **Int.Cl. 7B65B 25/04**
[25] EN
[54] **METHOD AND APPARATUS FOR BAGGING POTATOES**
[54] **ELEVATEUR-ENSACHOIR A POMMES DE TERRE, ET METHODE DE FONCTIONNEMENT**
[72] KEEGAN, DENNIS, US
[71] AUTOMATION MANUFACTURING, LLC., US
[22] 2000-08-22
[43] 2001-02-27
[30] US (09/384,786) 1999-08-27

[21] **2,316,511**
[13] A1

[51] **Int.Cl. 7H01R 31/06**
[25] EN
[54] **HIGH DIRECTIVITY COUPLER**
[54] **COUPLEUR TRES DIRECTIF**
[72] MYER, ROBERT EVAN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-22
[43] 2001-02-28
[30] US (09/386,849) 1999-08-31

[21] **2,316,518**
[13] A1

[51] **Int.Cl. 7C12N 15/53 7A61P 19/00 7C12N 5/10 7A61K 38/44 7C12N 15/86 7C12N 15/867**
[25] EN
[54] **USE OF EC-SOD FOR TREATMENT OF SYSTEMIC AUTOIMMUNE DISEASES**
[54] **UTILISATION D'EC-SOD POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES SYSTEMIQUES**
[72] YAMAUCHI, NAOFUMI, JP
[72] FUKUMURA, MASAYUKI, JP
[72] IYAMA, SATOSHI, JP
[72] HASEGAWA, MAMORU, JP
[72] NIITSU, YOSHIRO, JP
[71] DNAVEC RESEARCH INC., JP
[22] 2000-08-31
[43] 2001-03-01
[30] JP (11/248032) 1999-09-01
[30] CA (2,304,453) 2000-04-27

[21] **2,316,526**
[13] A1

[51] **Int.Cl. 7C12P 11/00 7C12P 7/40**
[25] EN
[54] **FERMENTATIVE PROCESS FOR OBTAINING NATURAL AROMATIC, ALIPHATIC AND THIOCARBOXYLIC ACIDS AND MICROORGANISM THEREFOR**
[54] **PROCEDE DE FERMENTATION POUR PRODUIRE DES ACIDES CARBOXYLIQUES AROMATIQUES, ALIPHATIQUES ET DES ACIDES THIOCARBOXYLIQUES, ET MICROORGANISMES UTILISES POUR CE PROCEDE**
[72] RABENHORST, JURGEN, DE
[72] GATFIELD, IAN-LUCAS, DE
[72] HILMER, JENS-MICHAEL, DE
[71] HAARMANN & REIMER GMBH, DE
[22] 2000-08-22
[43] 2001-02-25
[30] EP (99116711.5) 1999-08-25

[21] **2,316,512**
[13] A1

[51] **Int.Cl. 7H04B 7/15 7H04B 7/216**
[25] EN
[54] **SINGLE ANTENNA REPEATER AND METHOD OF REPEATING A SIGNAL**
[54] **REPETEUR A ANTENNE UNIQUE ET METHODE DE REPETITION D'UN SIGNAL**
[72] MYER, ROBERT EVAN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-22
[43] 2001-02-28
[30] US (09/386,134) 1999-08-31

[21] **2,316,519**
[13] A1

[51] **Int.Cl. 7B60N 2/005**
[25] EN
[54] **SEAT-RECEIVING STRUCTURE FOR VEHICLE**
[54] **BERCEAU DE SIEGE DE VEHICULE**
[72] KANAGUCHI, YUTAKA, JP
[72] NISHIMURA, KAZUHISA, JP
[72] SHIONO, TATSUYA, JP
[71] HONDA GIKEN KABUSHIKI KAISHA, JP
[22] 2000-08-22
[43] 2001-02-27
[30] JP (11-240863) 1999-08-27

[21] **2,316,529**
[13] A1

[51] **Int.Cl. 7C07D 233/32**
[25] EN
[54] **MANUFACTURE OF A CYCLIC ACID**
[54] **PRODUCTION D'UN ACIDE CYCLIQUE**
[72] BEHRINGER, KLAUS, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2000-08-22
[43] 2001-02-27
[30] EP (99116967.3) 1999-08-27

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25 février 2001 - 3 mars 2001

[21] **2,316,531**
[13] A1

[51] **Int.Cl. 7C08G 18/80 7C09D 175/12 7C08G 18/78**
[25] EN
[54] **ASPARTATE-TERMINATED UREA/URETHANE PREPOLYMERS AND THEIR USE IN COATING COMPOSITIONS**
[54] **PREPOLYMERES D'UREE ET D'URETHANE A TERMINAISONS A FONCTION ASPARTATE ET UTILISATIONS DE CES PRODUITS DANS DES MATIERES D'ENDUCTION**
[72] ROESLER, RICHARD R., US
[72] GINDIN, LYUBOV K., US
[72] HERGENROTHER, P. RICHARD, US
[71] BAYER CORPORATION, US
[22] 2000-08-21
[43] 2001-03-02
[30] US (09/389,686) 1999-09-02

[21] **2,316,537**
[13] A1

[51] **Int.Cl. 7H01H 71/02**
[25] EN
[54] **CIRCUIT INTERRUPTER PROVIDING IMPROVED SECUREMENT OF AN ELECTRICAL TERMINAL WITHIN THE HOUSING**
[54] **COUPE-CIRCUIT PERMETTANT D'AMELIORER LA FIXATION D'UNE BORNE ELECTRIQUE A L'INTERIEUR DU BOITIER**
[72] HELMS, ROGER W., US
[72] LITTLE, DAVID E., US
[72] HOOD, TERESA I., US
[72] FUNYAK, DAVID C., US
[72] ZINDLER, MARK O., US
[72] PEIFER, JONATHAN M., US
[71] EATON CORPORATION, US
[22] 2000-08-23
[43] 2001-02-27
[30] US (09/385,587) 1999-08-27

[21] **2,316,540**
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04L 12/56**
[25] EN
[54] **CELLULAR RADIO COMMUNICATION HANDOVER SYSTEMS**
[54] **SYSTEMES DE TRANSFERT DE RADIOCOMMUNICATION CELLULAIRE**
[72] SAMARAS, KONSTANTINOS, GB
[72] WU, JIAN JUN, GB
[72] SAMUEL, LOUIS GWYN, GB
[72] SOMERVILLE, FIONA CLARE ANGHARAD, GB
[72] DEMETRESCU, CRISTIAN, GB
[72] ILAS, CONSTANTIN, GB
[72] YAN, RAN-HONG, GB
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-21
[43] 2001-02-28
[30] EP (99306933.5) 1999-08-31

[21] **2,316,541**
[13] A1

[51] **Int.Cl. 7A61L 9/01**
[25] EN
[54] **SINGLE PHASE AQUEOUS SURFACTANT-FREE NONTOXIC AIR FRESHENING COMPOSITION AND WICK-CONTAINING AIR FRESHENING DEVICE USING SAID COMPOSITION**
[54] **COMPOSITION AQUEUSE MONOPHASIQUE DESODORISANTE NON TOXIQUE, NE CONTENANT PAS DE SURFACTIF, ET DISPOSITIF DESODORISANT CONTENANT UNE MECHE ET UTILISANT CETTE COMPOSITION**
[72] VAN WALSUM, ARNOUD, NL
[72] BODEN, RICHARD M., US
[72] RUIZENDAAL, JAN-WILLEM ZACHARIAS, NL
[72] WHITE, MICHAEL JOHN ROBERT, NL
[71] INTERNATIONAL FLAVORS & FRAGRANCES INC., US
[22] 2000-08-22
[43] 2001-02-26
[30] US (09/383,969) 1999-08-26

[21] **2,316,544**
[13] A1

[51] **Int.Cl. 7H04B 10/08**
[25] EN
[54] **CONNECTION VERIFICATION IN OPTICAL CROSS-CONNECT ARRANGEMENTS**
[54] **VERIFICATION DE CONNEXION DANS DES DISPOSITIFS DE REPARTITION OPTIQUE**
[72] SOHRABY, KAZEM A., US
[72] FATEHI, MOHAMMAD T., US
[72] LAWRENCE, VICTOR B., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-21
[43] 2001-02-28
[30] US (09/386,761) 1999-08-31

[21] **2,316,548**
[13] A1

[51] **Int.Cl. 7H01L 21/205**
[25] EN
[54] **SURFACE STABILIZATION OF SILICON RICH SILICA GLASS USING INCREASED POST DEPOSITION DELAY**
[54] **STABILISATION DE LA SURFACE DU VERRE DE SILICE RICHE EN SILICIUM PAR ACCROISSEMENT DU TEMPS DE RETARD SUIVANT LE DEPOT CHIMIQUE EN PHASE VAPEUR**
[72] FORTIN, VINCENT, CA
[71] MITEL CORPORATION, CA
[22] 2000-08-21
[43] 2001-03-01
[30] GB (9920526.2) 1999-09-01

[21] **2,316,550**
[13] A1

[51] **Int.Cl. 7H02H 9/00 7H04B 15/00**
[25] EN
[54] **REDUCED SIGNAL LOSS SURGE PROTECTION CIRCUIT**
[54] **CIRCUIT LIMITEUR DE SURTENSION REDUISANT L'AFFAIBLISSEMENT DU SIGNAL**
[72] BEENE, GERALD W., US
[71] MARCONI COMMUNICATIONS, INC., US
[22] 2000-08-21
[43] 2001-03-02
[30] US (09/388,630) 1999-09-02

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[21] **2,316,554**
[13] A1

[51] **Int.Cl. 7A61M 5/00**
[25] EN
[54] **APPLICATOR AND ELECTRO-MECHANICAL APPLICATOR DRIVE SYSTEM**
[54] **APPLICATEUR ET SYSTEME D'ENTRAINEMENT D'APPLICATEUR ELECTROMECHANIQUE**
[72] HVID, NIELS, DK
[72] GARBASCH, ALLAN, DK
[72] CIANCIOLO, DAVID, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[22] 2000-08-21
[43] 2001-02-25
[30] US (60/150,570) 1999-08-25

[21] **2,316,560**
[13] A1

[51] **Int.Cl. 7H04L 12/12 7G06F 13/10**
[25] EN
[54] **WEB PRINT SUBMISSION FROM WITHIN AN APPLICATION**
[54] **DEMANDE D'IMPRESSON PAR LE WEB A PARTIR D'UNE APPLICATION**
[72] HAYWARD, KEN, US
[72] KROLCZYK, MARC, US
[72] PARSONS, DAVID M., US
[72] LYON, SUSAN W., US
[72] MARCHIONDA, DAWN M., US
[71] XEROX CORPORATION, US
[22] 2000-08-15
[43] 2001-02-26
[30] US (09/383,981) 1999-08-26

[21] **2,316,564**
[13] A1

[51] **Int.Cl. 7F16C 3/02 7B02C 18/00**
[25] EN
[54] **SHAFTLESS ROTARY STRUCTURE**
[54] **STRUCTURE ROTATIVE SANS AXE**
[72] NAKAGOMI, SHOJI, JP
[71] NISSUI KAKO CO., LTD., JP
[22] 2000-08-22
[43] 2001-02-25
[30] JP (11-237969) 1999-08-25

[21] **2,316,566**
[13] A1

[51] **Int.Cl. 7B60P 7/04**
[25] EN
[54] **COVER APPARATUS**
[54] **DISPOSITIF DE COUVERTURE**
[72] STEADMAN, WILLIAM DAVID, US
[71] STEADMAN, WILLIAM DAVID, US
[22] 2000-08-22
[43] 2001-02-25
[30] US (60/150678) 1999-08-25

[21] **2,316,581**
[13] A1

[51] **Int.Cl. 7H01H 71/00 7H01H 71/02 7H01H 71/08**
[25] EN
[54] **INSULATOR FOR A LUG ASSEMBLY ACCESSORY OF A CIRCUIT INTERRUPTER**
[54] **ISOLANT POUR ACCESSOIRE D'ASSEMBLAGE DE PATTES D'UN COUPE-CIRCUIT**
[72] FUNYAK, DAVID C., US
[71] EATON CORPORATION, US
[22] 2000-08-23
[43] 2001-02-27
[30] US (09/384,780) 1999-08-27

[21] **2,316,582**
[13] A1

[51] **Int.Cl. 7H01H 71/10 7H01H 71/00 7H01H 71/02**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH SPACE-CONSERVING HANDLE MECHANISM**
[54] **COUPE-CIRCUIT AVEC MECANISME DE POIGNEE COMPACT**
[72] ZINDLER, MARK O., US
[72] HOOD, TERESA I., US
[72] GUNDY, RAYMOND P., US
[72] HUMBERT, JOSEPH B., US
[72] PEIFER, JONATHAN M., US
[72] McNEIL, MICHAEL, US
[71] EATON CORPORATION, US
[22] 2000-08-23
[43] 2001-02-27
[30] US (09/385,643) 1999-08-27

[21] **2,316,583**
[13] A1

[51] **Int.Cl. 7H01H 71/16 7H01H 71/08**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH AN AUTOMATIC TRIP ASSEMBLY HAVING AN IMPROVED BIMETAL CONFIGURATION**
[54] **COUPE-CIRCUIT DOTE D'UN ENSEMBLE DE DECLenchEMENT AUTOMATIQUE A CONFIGURATION BILAME AMELIOREE**
[72] JUDES, MARK A., US
[72] HOOD, TERESA I., US
[72] GUNDY, RAYMOND P., US
[71] EATON CORPORATION, US
[22] 2000-08-23
[43] 2001-02-27
[30] US (09/385,111) 1999-08-27

[21] **2,316,586**
[13] A1

[51] **Int.Cl. 7E04C 2/296 7E04B 1/86**
[25] EN
[54] **ACOUSTICAL PANEL HAVING A CALENDERED, FLAME-RETARDANT PAPER BACKING AND METHOD OF MAKING THE SAME**
[54] **PANNEAU INSONORISANT POURVU D'UN ENDOS DE PAPIER CALANDRE IGNIFUGE, ET CONSTITUTION**
[72] KULAS, LAUREL, US
[72] WIKER, ANTHONY, US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 2000-08-23
[43] 2001-02-27
[30] US (60/151,005) 1999-08-27

[21] **2,316,588**
[13] A1

[51] **Int.Cl. 7G01F 1/74 7G01F 23/296**
[25] EN
[54] **ULTRASONIC 2-PHASE FLOW APPARATUS AND STRATIFIED LEVEL DETECTOR**
[54] **APPAREIL ULTRASONIQUE POUR ECOULEMENTS BIPHASIQUES ET DETECTEUR D'ECOULEMENT STRATIFIE**
[72] ZANKER, KLAUS J., US
[72] LETTON, WINSOR, US
[71] DANIEL INDUSTRIES, INC., US
[22] 2000-08-22
[43] 2001-03-01
[30] US (09/388,253) 1999-09-01

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25 février 2001 - 3 mars 2001

[21] **2,316,591**
[13] A1

[51] **Int.Cl. 7C11D 17/02 7C11D 1/22 7C11D 3/22 7C11D 3/37 7C11D 1/72 7C11D 1/83**
[25] EN
[54] **LAUNDRY DETERGENT OR CLEANING PRODUCT TABLETS**
[54] **DETERGENT A LESSIVE OU TABLETTES DE PRODUIT NETTOYANT**
[72] LIETZMANN, ANDREAS, DE
[72] SEMRAU, MARKUS, DE
[72] ARTIGA GONZALEZ, RENE-ANDRES, DE
[72] KOTTWITZ, BEATRIX, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-08-23
[43] 2001-02-26
[30] DE (199 40 548.4) 1999-08-26

[21] **2,316,594**
[13] A1

[51] **Int.Cl. 7C11D 17/02 7C11D 1/22 7C11D 1/72 7C11D 1/83**
[25] EN
[54] **LAUNDRY DETERGENT OF CLEANING PRODUCT TABLETS WITH PARTIAL COATING**
[54] **DETERGENT A LESSIVE COMPOSE DE TABLETTES DE PRODUIT NETTOYANT AYANT UN ENROBAGE PARTIEL**
[72] GASSENMEIER, THOMAS, DE
[72] MILLHOFF, JUERGEN, DE
[72] SCHAMBIL, FRED, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-08-23
[43] 2001-02-26
[30] DE (199 40 547.6) 1999-08-26

[21] **2,316,599**
[13] A1

[51] **Int.Cl. 7C21C 5/46 7C21C 5/42**
[25] EN
[54] **A LADLE, A LADLE HEATING SYSTEM AND METHODS OF HEATING THE LADLE**
[54] **POCHE DE COULEE, SYSTEME ET METHODES DE CHAUFFAGE DE LA POCHE**
[72] TAKAHASHI, DAISUKE, JP
[72] GOTO, NOBUTAKA, JP
[72] NAGAI, RYOJI, JP
[72] HARA, KAZUAKI, JP
[72] TAKAHASHI, KIYOSHI, JP
[72] ANDACHI, KAZUNARI, JP
[72] SUDA, MAMORU, JP
[72] NOMURA, HIROSHI, JP
[71] KAWASAKI STEEL CORPORATION, JP
[22] 2000-08-23
[43] 2001-02-27
[30] JP (11-242005) 1999-08-27
[30] JP (11-242006) 1999-08-27
[30] JP (11-242007) 1999-08-27
[30] JP (11-265277) 1999-09-20
[30] JP (11-370195) 1999-12-27

[21] **2,316,600**
[13] A1

[51] **Int.Cl. 7B60P 1/43 7B65G 69/28**
[25] EN
[54] **VEHICLE TAILGATE RAMP SYSTEM**
[54] **SYSTEME DE RAMPE POUR HAYON ARRIERE DE VEHICULE**
[72] MEIGHEN, PIERRE, CA
[71] MEIGHEN, PIERRE, CA
[22] 2000-08-24
[43] 2001-03-03
[30] CA (2,281,322) 1999-09-03

[21] **2,316,601**
[13] A1

[51] **Int.Cl. 7B64D 13/08**
[25] EN
[54] **RECONFIGURABLE AIR SUPPLY ARRANGEMENT OF AN AIR-CONDITIONING SYSTEM FOR BELOW-DECK AREAS OF A PASSENGER AIRCRAFT**
[54] **MECANISME D'ADMISSION D'AIR RECONFIGURABLE D'UN SYSTEME DE CONDITIONNEMENT D'AIR POUR DES AIRES SITUEES SOUS LE PONT D'UN AERONEF DE PASSAGERS**
[72] SCHEFFLER, HANS-JOACHIM, DE
[72] BUCHHOLZ, UWE, DE
[72] MARKWART, MICHAEL, DE
[71] SCHEFFLER, HANS-JOACHIM, DE
[71] BUCHHOLZ, UWE, DE
[71] MARKWART, MICHAEL, DE
[22] 2000-08-24
[43] 2001-02-25
[30] DE (199 40 165.9) 1999-08-25

[21] **2,316,602**
[13] A1

[51] **Int.Cl. 7A47H 1/04**
[25] EN
[54] **BLIND RAIL**
[54] **TRINGLE DE STORE**
[72] WELFONDER, KONRAD, DE
[71] HUNTER DOUGLAS INDUSTRIES B.V., NL
[22] 2000-08-24
[43] 2001-03-01
[30] EP (99202831.6) 1999-09-01

[21] **2,316,604**
[13] A1

[51] **Int.Cl. 7A01K 1/015**
[25] EN
[54] **LINER AND LINER SYSTEM FOR CAT BOX AND CAT BOX COVER**
[54] **RETELEMENT INTERIEUR ET DISPOSITIF CONNEXE POUR LITIERE DE CHAT ET COUVERCLE POUR LITIERE DE CHAT**
[72] ENGEL, ERIC M., US
[71] ENGEL, ERIC M., US
[22] 2000-08-24
[43] 2001-02-26
[30] US (09/383,672) 1999-08-26

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February 25, 2001 - March 3, 2001

[21] **2,316,606**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **HYDRAULIC STENT
DEPLOYMENT SYSTEM**
[54] **SYSTEME HYDRAULIQUE DE
DEPLOIEMENT D'UN STENT**
[72] HIESHIMA, GRANT, US
[71] CORDIS CORPORATION, US
[22] 2000-08-24
[43] 2001-02-25
[30] US (09/382,967) 1999-08-25

[21] **2,316,607**
[13] A1

[51] **Int.Cl. 7F42B 8/02**
[25] EN
[54] **BLANK TRAINING CARTRIDGE
FOR A SELF LOADING GUN**
[54] **CARTOUCHE DE TIR A BLANC
POUR PISTOLET SEMI-
AUTOMATIQUE**
[72] SAXBY, MICHAEL ERNEST, GB
[71] LAMBETH PROPERTIES LTD., BS
[22] 2000-08-24
[43] 2001-02-27
[30] GB (9920201.2) 1999-08-27

[21] **2,316,608**
[13] A1

[51] **Int.Cl. 7F16K 31/126**
[25] EN
[54] **SURGE SUPPRESSION
APPARATUS INCORPORATING A
PRESSURE REGULATION ASSEMBLY**
[54] **LIMITEUR DE SURCHARGE A
REGULATEUR DE PRESSION
INCORPORE**
[72] ROGERS, JOHN ANTHONY, GB
[71] LOMBARD PRESSINGS LIMITED,
GB
[22] 2000-08-24
[43] 2001-02-27
[30] GB (9920213.7) 1999-08-27

[21] **2,316,611**
[13] A1

[51] **Int.Cl. 7G06T 15/50 7G06T 5/20**
[25] EN
[54] **METHOD AND APPARATUS FOR
PROVIDING DEPTH BLUR EFFECTS
WITHIN A 3D VIDEOGRAPHICS
SYSTEM**
[54] **METHODE ET APPAREIL POUR
PRODUIRE DES EFFETS DE FLOU
SELON LA PROFONDEUR DANS UN
SYSTEME VIDEOGRAPHIQUE 3D**
[72] YASUMOTO, YOSHITAKA, US
[71] NINTENDO CO. LTD., JP
[22] 2000-08-21
[43] 2001-02-28
[30] US (09/386,844) 1999-08-31

[21] **2,316,617**
[13] A1

[51] **Int.Cl. 7C02F 11/04 7B65G 5/00**
[25] EN
[54] **METHOD FOR BIOSOLID
DISPOSAL AND METHANE
GENERATION**
[54] **METHODE POUR
L'ELIMINATION DE BIOSOLIDES ET
LA PRODUCTION DE METHANE**
[72] BRUNO, MICHAEL S., US
[72] BILAK, ROMAN, CA
[72] DUSSEAULT, MAURICE B., CA
[71] TERRALOG TECHNOLOGIES USA,
INC., US
[22] 2000-08-22
[43] 2001-02-25
[30] US (60/150,677) 1999-08-25
[30] US (09/620,085) 2000-07-20

[21] **2,316,618**
[13] A1

[51] **Int.Cl. 7A61F 13/47**
[25] EN
[54] **ABSORPTIVE ARTICLE**
[54] **ARTICLE ABSORBANT**
[72] TAGAMI, ETSUKO, JP
[72] TOMITA, KATSUSHI, JP
[72] SUEKANE, MAKOTO, JP
[72] MIZUTANI, SATOSHI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-08-22
[43] 2001-02-27
[30] JP (11-241055) 1999-08-27

[21] **2,316,619**
[13] A1

[51] **Int.Cl. 7A61F 13/476**
[25] EN
[54] **ABSORPTIVE ARTICLE HAVING
WING MEMBERS, AND PROCESS FOR
MANUFACTURING THE SAME**
[54] **ARTICLE ABSORBANT AVEC
AILES ET PROCEDE POUR LE
PRODUIRE**
[72] SUEKANE, MAKOTO, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-08-22
[43] 2001-02-27
[30] JP (11-241279) 1999-08-27

[21] **2,316,620**
[13] A1

[51] **Int.Cl. 7C22B 5/10 7C21B 13/10
7F27B 3/18**
[25] EN
[54] **METHOD AND APPARATUS FOR
SUPPLYING GRANULAR RAW
MATERIAL FOR REDUCED IRON**
[54] **METHODE ET APPAREIL
D'ALIMENTATION EN MATIERE
BRUTE GRANULAIRE SERVANT A
PRODUIRE DU FER REDUIT**
[72] HARADA, TAKAO, JP
[71] KABUSHIKI KAISHA KOBE SEIKO
SHO (KOBELCO STEEL, LTD.), JP
[22] 2000-08-22
[43] 2001-02-28
[30] JP (11-243406) 1999-08-30
[30] JP (11-243407) 1999-08-30

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25 février 2001 - 3 mars 2001

[21] **2,316,621**
[13] A1

[51] **Int.Cl. 7H04Q 11/02 7H04J 14/02 7H04B 10/20 7H04Q 3/52**
[25] EN
[54] **OPTICAL PACKET ROUTING NETWORK SYSTEM BASED ON OPTICAL LABEL SWITCHING TECHNIQUE**
[54] **SYSTEME DE RESEAU OPTIQUE DE ROUTAGE DE PAQUETS BASE SUR UNE TECHNIQUE DE COMMUNICATION OPTIQUE D'ETIQUETTES**
[72] NOGUCHI, KAZUTO, JP
[72] KATO, KAZUTOSHI, JP
[72] SUZUKI, SEN-ICHI, JP
[72] MATSUOKA, MORITO, JP
[72] SAKAMOTO, TAKASHI, JP
[72] SAKAI, YOSHIHISA, JP
[72] OKADA, AKIRA, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[22] 2000-08-24
[43] 2001-02-25
[30] JP (11-238794) 1999-08-25
[30] JP (2000-70872) 2000-03-14

[21] **2,316,623**
[13] A1

[51] **Int.Cl. 7C09K 19/38 7B05D 5/06 7G02B 5/30**
[25] EN
[54] **CHOLESTERIC LAYERED MATERIAL HAVING AN IMPROVED COLOR IMPRESSION, AND THE PRODUCTION THEREOF**
[54] **MATERIAU CHOLESTERIQUE FEUILLETE POSSEDANT UNE EMPREINTE COLORE AMELIORE ET PRODUCTION DE CELUI-CI**
[72] HEILMANN, PETER, DE
[72] SCHUHMACHER, PETER, DE
[72] MEYER, FRANK, DE
[72] SCHNEIDER, NORBERT, DE
[72] KOCH, VOLKER, DE
[72] PRECHTL, FRANK, DE
[72] PARKER, ROBERT, DE
[72] RICHTER, VOLKER, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[22] 2000-08-24
[43] 2001-02-27
[30] DE (19940682.0) 1999-08-27

[21] **2,316,627**
[13] A1

[51] **Int.Cl. 7G06T 11/60 7H04N 5/278**
[25] EN
[54] **DIGITAL IMAGE PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'IMAGES NUMERIQUES**
[72] SEEBER, RENE, DE
[71] ONLY SOLUTIONS GMBH, DE
[22] 2000-08-25
[43] 2001-02-25
[30] DE (199 41 123.9) 1999-08-25

[21] **2,316,629**
[13] A1

[51] **Int.Cl. 7H04L 12/16**
[25] EN
[54] **ADVERTISING MESSAGE DURING SETUP TO AN INTERNET PROVIDER THROUGH A DIGITAL SWITCH**
[54] **MESSAGE PUBLICITAIRE PRESENTE PENDANT L'ETABLISSEMENT DE LA COMMUNICATION AVEC UN FOURNISSEUR DE SERVICES INTERNET PAR L'INTERMEDIAIRE D'UN COMMUTEUR NUMERIQUE**
[72] CHAVEZ, DAVID L., JR., US
[72] THIELER, STEPHEN M., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-22
[43] 2001-02-28
[30] US (09/386,998) 1999-08-31

[21] **2,316,630**
[13] A1

[51] **Int.Cl. 7H01M 2/18 7H01M 8/04**
[25] EN
[54] **FUEL CELL SEPARATOR PRODUCTION SYSTEM AND METHOD, AND FUEL CELL SEPARATOR PRODUCED BY SAME**
[54] **SYSTEME ET METHODE DE PRODUCTION D'UN ELEMENT DE SEPARATION POUR PILE A COMBUSTIBLE ET ELEMENT DE SEPARATION POUR PILE A COMBUSTIBLE AINSI PRODUIT**
[72] MAKI, TAKASHI, JP
[72] ARAKI, YOSHITAKA, JP
[72] TSURUYA, ATSUSHI, JP
[72] SAITO, KAZUO, JP
[72] HAGIWARA, ATSUSHI, JP
[71] NISSHINBO INDUSTRIES, INC., JP
[22] 2000-08-25
[43] 2001-02-27
[30] JP (241507/1999) 1999-08-27

[21] **2,316,634**
[13] A1

[51] **Int.Cl. 7A63B 71/12 7A41D 13/08**
[25] EN
[54] **ADJUSTABLE ELBOW PAD**
[54] **COUDIÈRE REGLABLE**
[72] BELAND, JEAN-FRANÇOIS, CA
[71] BAUER NIKE HOCKEY INC., CA
[22] 2000-08-24
[43] 2001-03-01
[30] CA (2,281,310) 1999-09-01

[21] **2,316,635**
[13] A1

[51] **Int.Cl. 7H01M 2/14 7H01M 8/02**
[25] EN
[54] **POWDER MATERIAL SUPPLY DEVICE, METHOD OF PRODUCING FUEL CELL SEPARATOR, AND FUEL CELL SEPARATOR FORMED BY THIS PRODUCTION METHOD**
[54] **DISPOSITIF D'ALIMENTATION DE MATIERE EN POUDRE, METHODE DE PRODUCTION D'UN SEPARATEUR POUR PILE A COMBUSTIBLE, ET SEPARATEUR POUR PILE A COMBUSTIBLE OBTENU PAR CETTE METHODE DE PRODUCTION**
[72] HAGIWARA, ATSUSHI, JP
[72] SAITO, KAZUO, JP
[72] MAKI, TAKASHI, JP
[71] NISSHINBO INDUSTRIES, INC., JP
[22] 2000-08-25
[43] 2001-02-27
[30] JP (241508/1999) 1999-08-27

[21] **2,316,636**
[13] A1

[51] **Int.Cl. 7H04L 9/06 7H04L 9/18**
[25] EN
[54] **ENCRYPTION METHOD, ENCRYPTION APPARATUS, DECRYPTION METHOD, AND DECRYPTION APPARATUS**
[54] **METHODE DE CHIFFREMENT, APPAREIL DE CHIFFREMENT, METHODE DE DECHIFFREMENT ET APPAREIL DE DECHIFFREMENT**
[72] OHMORI, MOTOJI, JP
[72] SANO, FUMIHIKO, JP
[72] ENDO, NAOKI, JP
[72] TATEBAYASHI, MAKOTO, JP
[72] YOKOTA, KAORU, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2000-08-22
[43] 2001-02-28
[30] JP (11-245277) 1999-08-31

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[21] **2,316,637**
[13] A1
[51] **Int.Cl. 7B61B 11/00 7B61B 12/02**
[25] EN
[54] **INCLINED CABLE CAR STATION**
[54] **STATION DE TELEPHERIQUE**
[72] SOUCHAL, JEAN, FR
[72] HUARD, JEAN-PAUL, FR
[71] POMAGALSKI S.A., FR
[22] 2000-08-24
[43] 2001-02-25
[30] FR (99 10 781) 1999-08-25
[30] FR (00 04 498) 2000-04-07

[21] **2,316,639**
[13] A1
[51] **Int.Cl. 7F16K 31/126 7F15B 1/02**
[25] EN
[54] **SURGE SUPPRESSION**
APPARATUS
[54] **LIMITEUR DE SURCHARGE**
[72] ROGERS, JOHN ANTHONY, GB
[71] LOMBARD PRESSINGS LIMITED,
GB
[22] 2000-08-24
[43] 2001-02-27
[30] GB (9920212.9) 1999-08-27

[21] **2,316,640**
[13] A1
[51] **Int.Cl. 7A61M 1/00 7A61F 9/007**
[25] EN
[54] **LIQUID VENTING SURGICAL**
SYSTEM AND CASSETTE
[54] **SYSTEME CHIRURGICAL ET**
CASSETTE POUR L'ASPIRATION DE
LIQUIDE
[72] SORENSEN, GARY P., US
[72] MORGAN, MICHAEL D., US
[71] ALCON UNIVERSAL, LTD., CH
[22] 2000-08-24
[43] 2001-02-28
[30] US (09/387,357) 1999-08-31

[21] **2,316,644**
[13] A1
[51] **Int.Cl. 7H01H 71/10 7H01H 71/02**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH**
IMPROVED HANDLE
INTERCONNECTION
[54] **COUPE-CIRCUIT AVEC**
DISPOSITIF D'INTERCONNEXION A
POIGNEE AMELIORE
[72] CHONTAS, TRENT A., US
[72] MALINGOWSKI, RICHARD P., US
[72] GULA, LANCE, US
[72] MUNSCH, WILLIAM D., US
[72] HOOD, TERESA I., US
[71] EATON CORPORATION, US
[22] 2000-08-22
[43] 2001-02-27
[30] US (09/385,658) 1999-08-27

[21] **2,316,645**
[13] A1
[51] **Int.Cl. 7H01H 71/02**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH**
BASE/COVER ATTACHMENT
ENABLING VENTING
[54] **COUPE-CIRCUIT AVEC**
ACCESSOIRE DE FIXATION BASE/
COUVERCLE PERMETTANT LA
VENTILATION
[72] FUNYAK, DAVID C., US
[72] ZINDLER, MARK O., US
[71] EATON CORPORATION, US
[22] 2000-08-22
[43] 2001-02-27
[30] US (09/384,447) 1999-08-27

[21] **2,316,646**
[13] A1
[51] **Int.Cl. 7C08G 69/48**
[25] EN
[54] **BRANCHING OF POLYAMIDES**
WITH ESTERS OF CARBONIC ACID
[54] **RAMIFICATION DE POLYAMIDES**
A L'AIDE D'ESTERS D'ACIDE
CARBONIQUE
[72] MAREK, MIROSLAV, CS
[72] BRUDER, FRIEDRICH-KARL, DE
[72] DOUZINAS, KONSTADINOS, DE
[71] BAYER AKTIENGESELLSCHAFT,
DE
[22] 2000-08-24
[43] 2001-02-26
[30] EP (99116725.5) 1999-08-26

[21] **2,316,647**
[13] A1
[51] **Int.Cl. 7A61K 31/70 7A61P 1/00**
7A61K 31/395
[25] EN
[54] **TREATMENT OR PREVENTION**
OF COCCIDIOSIS
[54] **TRAITEMENT OU PREVENTION**
DE LA COCCIDIOSE
[72] EVANS, NIGEL ANTHONY, US
[72] HASSFURTHER, RENEE LOUISE, US
[72] CANNING, PETER CONNOR, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-08-25
[43] 2001-02-27
[30] US (60/151,160) 1999-08-27

[21] **2,316,650**
[13] A1
[51] **Int.Cl. 7G02B 6/36**
[25] EN
[54] **A METHOD FOR**
MANUFACTURING A FIBRE OPTIC
MALE CONTACT
[54] **METHODE DE FABRICATION DE**
CONTACT MALE POUR FIBRE
OPTIQUE
[72] HUBERT, JEAN-CLAUDE, CH
[72] BARBEY, JEAN-PHILIPPE, CH
[72] BROOKS, ALAN, GB
[71] INTERLEMO HOLDING S.A., NL
[22] 2000-08-24
[43] 2001-02-25
[30] EP (99116618.2) 1999-08-25

[21] **2,316,653**
[13] A1
[51] **Int.Cl. 7G02B 7/04 7G02B 7/28**
[25] EN
[54] **THERMAL COMPENSATION**
SYSTEM FOR LENS FOCUS
ADJUSTMENT
[54] **SYSTEME DE COMPENSATION**
THERMIQUE POUR REGLAGE DE
MISE AU POINT DE LENTILLE
[72] NEIL, IAIN A., US
[72] SAIKI, ALBERT K., US
[72] ISHIOKA, RICK T., US
[71] PANAVISION, INC., US
[22] 2000-08-24
[43] 2001-02-25
[30] US (09/383,183) 1999-08-25

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[21] **2,316,656**
[13] A1

[51] **Int.Cl. 7A61K 33/00 7A61P 31/00 7C02F 1/461**
[25] EN
[54] **ELECTROLYTIC REDUCED WATER, ANTI-CANCER DRUG, AND PRODUCING METHOD AND APPARATUS THEREOF**
[54] **EAU ELECTROLYSEE, MEDICAMENT ANTI-CANCER ET METHODE DE PRODUCTION ET APPAREIL CONNEXES**
[72] OTSUBO, KAZUMICHI, JP
[72] SHIRAHATA, SANETAKA, JP
[71] NIHON TRIM CO., LTD., JP
[22] 2000-08-25
[43] 2001-03-01
[30] JP (11-247579) 1999-09-01

[21] **2,316,657**
[13] A1

[51] **Int.Cl. 7G03B 13/02**
[25] EN
[54] **ADJUSTABLE VIEWFINDER OPTICAL SYSTEM FOR SHOULDER-SUPPORTED CAMERAS**
[54] **SYSTEME OPTIQUE DE VISEUR REGLABLE POUR CAMERAS PORTEES A L'EPAULE**
[72] NEIL, IAIN A., US
[71] PANAVISION, INC., US
[22] 2000-08-24
[43] 2001-02-26
[30] US (60/150,913) 1999-08-26
[30] US (UNKNOWN) 2000-08-18

[21] **2,316,661**
[13] A1

[51] **Int.Cl. 7H04H 1/00 7H04B 7/195**
[25] EN
[54] **BROADCASTING SYSTEM, BROADCAST RECEIVING HARDWARE SYSTEMS, AND NAVIGATION TERMINAL**
[54] **SYSTEME DE RADIODIFFUSION, SYSTEMES MATERIELS DE RECEPTION DE RADIODIFFUSION ET TERMINAL DE NAVIGATION**
[72] YAMANE, KENICHIRO, JP
[72] HORITA, MASATO, JP
[72] FUSHIKI, TAKUMI, JP
[72] KAWAMATA, YUKIHIRO, JP
[72] YOKOTA, TAKAYOSHI, JP
[72] YAMAASHI, KIMIYA, JP
[71] HITACHI, LTD., JP
[22] 2000-08-24
[43] 2001-02-28
[30] JP (11-244785) 1999-08-31

[21] **2,316,662**
[13] A1

[51] **Int.Cl. 7A61K 31/52 7A61K 45/06 7A61K 31/41 7A61K 31/44 7A61K 31/47 7A61K 31/495 7A61K 31/505**
[25] EN
[54] **USE OF CRF ANTAGONISTS AND RELATED COMPOSITIONS**
[54] **UTILISATION D'ANTAGONISTES DE LA CORTICOLIBERINE (CRF) ET COMPOSITIONS CONNEXES**
[72] CHEN, YUHPYNG LIANG, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-08-25
[43] 2001-02-27
[30] US (60/151,183) 1999-08-27

[21] **2,316,663**
[13] A1

[51] **Int.Cl. 7C10L 9/08**
[25] EN
[54] **PROCESS AND FACILITY FOR REDUCING THE WATER CONTENT BOUND IN THE CAPILLARIES OF FIBRE CELLS**
[54] **PROCEDE ET INSTALLATION POUR REDUIRE LA TENEUR EN EAU RETENUE DANS LES CAPILLAIRES DE CELLULES FIBREUSES**
[72] BIELFELDT, FRIEDRICH B., DE
[71] MASCHINENFABRIK J. DIEFFENBACHER GMBH & CO., DE
[22] 2000-08-23
[43] 2001-02-25
[30] DE (1 99 40 392.9) 1999-08-25

[21] **2,316,664**
[13] A1

[51] **Int.Cl. 7B01J 20/00 7B01D 53/047**
[25] EN
[54] **NOVEL ADSORBENTS FOR PREFERENTIAL NITROGEN ADSORPTION FROM OTHER GASES**
[54] **NOUVEAUX ADSORBANTS POUR L'ADSORPTION PREFERENTIELLE DE L'AZOTE PRESENT DANS D'AUTRES GAZ**
[72] GULIANTS, VADIM, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-08-23
[43] 2001-02-25
[30] US (09/382,601) 1999-08-25

[21] **2,316,667**
[13] A1

[51] **Int.Cl. 7C08F 212/36 7B01J 41/14 7C08F 220/20 7C08F 236/20 7C08F 8/30**
[25] EN
[54] **PROCESS FOR PREPARING MONODISPERSE ANION EXCHANGERS**
[54] **PROCESSUS DE PREPARATION D'ECHANGEURS D'ANIONS MONODISPERSES**
[72] MITSCHKER, ALFRED, DE
[72] SEIDEL, RUDIGER, DE
[72] KLIPPER, REINHOLD, DE
[72] SCHNEGG, ULRICH, DE
[72] STRUVER, WERNER, DE
[72] LUTJENS, HOLGER, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-08-24
[43] 2001-02-27
[30] DE (19940864.5) 1999-08-27
[30] DE (19954393.3) 1999-11-12

[21] **2,316,669**
[13] A1

[51] **Int.Cl. 7B21C 1/16 7B21C 3/14**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING FINE WIRE**
[54] **METHODE ET DISPOSITIF DE FABRICATION DE FIL MINCE**
[72] GRAF, RALPH A., CH
[71] GRAF + CIE AG, CH
[22] 2000-08-23
[43] 2001-02-27
[30] DE (199 40 845.9) 1999-08-27

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[21] **2,316,672**
[13] A1
[51] **Int.Cl. 7C08F 212/36 7B01J 41/14 7C08F 220/20 7C08F 236/20 7C08F 8/30 7C08F 8/40**
[25] EN
[54] **PROCESS FOR PREPARING MONODISPERSE ION EXCHANGERS HAVING CHELATING FUNCTIONAL GROUPS AND THE USE THEREOF**
[54] **PROCESSUS DE PREPARATION D'ECHANGEURS D'IONS MONODISPERSES CONTENANT DES GROUPE FONCTIONNELS CHELATEURS ET UTILISATION DE CES PRODUITS**
[72] HEES, BRUNO, DE
[72] LUTJENS, HOLGER, DE
[72] LEHMANN, BERNHARD, DE
[72] SCHNEGG, ULRICH, DE
[72] KLIPPER, REINHOLD, DE
[72] STRUVER, WERNER, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-08-24
[43] 2001-02-27
[30] DE (19940866.1) 1999-08-27
[30] DE (19954399.2) 1999-11-12

[21] **2,316,676**
[13] A1
[51] **Int.Cl. 7C08F 212/36 7B01J 41/14 7C08F 220/20 7C08F 236/20 7C08F 8/44**
[25] EN
[54] **PROCESS FOR PREPARING MONODISPERSE ANION EXCHANGERS HAVING STRONGLY BASIC FUNCTIONAL GROUPS**
[54] **PROCESSUS DE PREPARATION D'ECHANGEURS D'ANIONS MONODISPERSES CONTENANT DES GROUPE FONCTIONNELS FORTEMENT BASIQUES**
[72] SEIDEL, RUDIGER, DE
[72] SCHNEGG, ULRICH, DE
[72] SOEST, HANS-KARL, DE
[72] KLIPPER, REINHOLD, DE
[72] LUTJENS, HOLGER, DE
[72] MITSCHKER, ALFRED, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-08-24
[43] 2001-02-27
[30] DE (19940868.8) 1999-08-27
[30] DE (19954015.2) 1999-11-10

[21] **2,316,678**
[13] A1
[51] **Int.Cl. 7B01J 20/00 7B01D 53/047**
[25] EN
[54] **NOVEL ADSORBENTS FOR PREFERENTIAL NITROGEN ADSORPTION FROM OTHER GASES**
[54] **NOUVEAUX ADSORBANTS POUR L'ADSORPTION PREFERENTIELLE DE L'AZOTE PRESENT DANS D'AUTRES GAZ**
[72] GULIANTS, VADIM, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-08-23
[43] 2001-02-25
[30] US (09/382,600) 1999-08-25

[21] **2,316,680**
[13] A1
[51] **Int.Cl. 7C07C 69/28 7C07C 67/08 7C07C 69/75**
[25] EN
[54] **PROCESS FOR PREPARING ESTER PLASTICIZERS**
[54] **PROCESSUS DE PRODUCTION DE PLASTIFIANTS A BASE D'ESTER**
[72] STRUTZ, HEINZ, DE
[72] SCHIMMER, KLAUS, DE
[72] SPRINGER, HELMUT, DE
[72] HEUMULLER, RUDOLF, JP
[72] MERSCHER, KLAUS-DIETER, DE
[71] CELANESE CHEMICALS EUROPE GMBH, DE
[22] 2000-08-24
[43] 2001-02-28
[30] DE (199 40 991.9) 1999-08-28

[21] **2,316,682**
[13] A1
[51] **Int.Cl. 7A61M 16/00**
[25] FR
[54] **EQUIPEMENT D'OXYGENOTHERAPIE AVEC DISPOSITIF D'ASSISTANCE RESPIRATOIRE SANS TUBE NASAL**
[54] **INHALATION THERAPY EQUIPMENT WITH RESPIRATORY ASSISTANCE DEVICE AND NO NASAL TUBE**
[72] LARQUET, CHRISTIAN, FR
[72] MARIE, BRUNO, FR
[72] VILLERMET, ALAIN, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR
[71] AIR LIQUIDE SANTÉ (INTERNATIONAL), FR
[22] 2000-08-17
[43] 2001-02-28
[30] FR (99 10905) 1999-08-30

[21] **2,316,685**
[13] A1
[51] **Int.Cl. 7B23K 11/24**
[25] FR
[54] **PROCEDE DE SELECTION AUTOMATIQUE DE SEQUENCE DE SOUDAGE POUR PINCE DE SOUDAGE MANUELLE; PINCE DE SOUDAGE MANUELLE POUR LA MISE EN OEUVRE DU PROCEDE**
[54] **AUTOMATIC WELDING SEQUENCE SELECTION PROCESS FOR A MANUAL WELDING CLAMP; MANUAL WELDING CLAMP FOR IMPLEMENTATION OF THE PROCESS**
[72] LEPELTIER, HERVE, FR
[71] LEPELTIER, HERVE, FR
[22] 2000-08-23
[43] 2001-02-26
[30] FR (99 10813) 1999-08-26

[21] **2,316,686**
[13] A1
[51] **Int.Cl. 7F15B 13/06**
[25] EN
[54] **MULTI-PORT CONTROL VALVE SYSTEM FOR AIRLOCK SHAFT**
[54] **SYSTEME DE VANNE DE COMMANDE MULTIVOIES POUR PUITTS DE SAS**
[72] BERUBE, DANIEL J., US
[71] NIM-COR INC., US
[22] 2000-08-23
[43] 2001-02-25
[30] US (09/382,504) 1999-08-25

[21] **2,316,687**
[13] A1
[51] **Int.Cl. 7C09D 103/02 7C09G 1/04 7C09D 5/08**
[25] FR
[54] **COMPOSITION DE TRAITEMENT A BASE D'AMIDON PREGELATINISE ET PROCEDE D'APPLICATION SUR UNE SURFACE METALLIQUE, NOTAMMENT D'ACIER**
[54] **PRE-GELATINIZED STARCH CURING COMPOSITION AND APPLICATION PROCESS FOR A METAL SURFACE, IN PARTICULAR, STEEL**
[72] KEFFERSTEIN, RONALD, FR
[72] SCHERER, LOTHAIRE, FR
[71] USINOR, FR
[22] 2000-08-23
[43] 2001-02-26
[30] FR (99 10 832) 1999-08-26

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[21] **2,316,690**
[13] A1

[51] **Int.Cl. 7H01H 71/10 7H01H 71/02**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH AN OPERATING MECHANISM HAVING IMPROVED SUPPORT**
[54] **COUPE-CIRCUIT DOTE D'UN SUPPORT AMELIORE POUR LE MECANISME DE COMMANDE**
[72] LITTLE, DAVID E., US
[72] ZINDLER, MARK O., US
[72] FUNYAK, DAVID C., US
[71] EATON CORPORATION, US
[22] 2000-08-25
[43] 2001-02-27
[30] US (09/385,585) 1999-08-27

[21] **2,316,691**
[13] A1

[51] **Int.Cl. 7B23K 37/00**
[25] EN
[54] **A METHOD OF FEEDING A WELDING MACHINE, AS WELL AS A WELDING MACHINE AND AN AUTOMATIC FEEDING DEVICE FOR CARRYING OUT THE METHOD**
[54] **METHODE D'ALIMENTATION DE SOUDEUSE, AINSI QUE SOUDEUSE ET DISPOSITIF D'ALIMENTATION AUTOMATIQUE SE RAPPORTANT A CETTE METHODE**
[72] MULLER, EUGEN, CH
[71] ELPATRONIC AG, CH
[22] 2000-08-23
[43] 2001-03-03
[30] CH (1605/99) 1999-09-03
[30] CH (1812/99) 1999-10-04

[21] **2,316,692**
[13] A1

[51] **Int.Cl. 7C08F 212/36 7C08F 220/20 7C08F 236/20 7B01J 39/20 7C08F 8/34**
[25] EN
[54] **PROCESS FOR PREPARING MONODISPERSE, CROSSLINKED BEAD POLYMERS HAVING THIOUREA GROUPS AND THEIR USE FOR ADSORBING METAL COMPOUNDS**
[54] **PROCESSUS DE PREPARATION DE POLYMERES RETICULES, MONODISPERSES EN PERLE ET CONTENANT DES GROUPES THIO-UREE, ET UTILISATION DE CES POLYMERES POUR L'ADSORPTION DE COMPOSES METALLIQUES**
[72] LEHMANN, BERNHARD, DE
[72] MAUER, DIETER, DE
[72] KLIPPER, REINHOLD, DE
[72] STRUVER, WERNER, DE
[72] LUTJENS, HOLGER, DE
[72] HOFFMANN, HEIKO, DE
[72] SCHNEGG, ULRICH, DE
[72] HEES, BRUNO, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-08-24
[43] 2001-02-27
[30] DE (19940865.3) 1999-08-27
[30] DE (19954402.6) 1999-11-12

[21] **2,316,699**
[13] A1

[51] **Int.Cl. 7C06C 5/00 7F28G 7/00**
[25] EN
[54] **RIGID REACTIVE CORD AND METHODS OF USE AND MANUFACTURE**
[54] **DISPOSITIF EXPLOSIF RIGIDE ET METHODE D'UTILISATION**
[72] GERST, ERIC C., US
[72] WOODALL, MARK E., US
[72] JOHNSON, DENNIS P., US
[71] THE ENSIGN-BICKFORD COMPANY, US
[22] 2000-08-25
[43] 2001-02-28
[30] US (60/151,558) 1999-08-31

[21] **2,316,700**
[13] A1

[51] **Int.Cl. 7C09D 11/16**
[25] EN
[54] **INK FOR PLATE PEN**
[54] **ENCRE POUR STYLO CONSTITUE DE PLUSIEURS PLAQUES**
[72] KIYOMOTO, HIROSHI, JP
[72] KOMATSUZAWA, TADASHI, JP
[71] KABUSHIKI KAISHA PILOT, JP
[22] 2000-08-24
[43] 2001-02-25
[30] JP (11-277288) 1999-08-25

[21] **2,316,702**
[13] A1

[51] **Int.Cl. 7C09K 19/38 7B05D 5/06 7G02B 5/30**
[25] EN
[54] **CHOLESTERIC LAYERED MATERIAL HAVING IMPROVED COLOR STABILITY, AND PRODUCTION THEREOF**
[54] **MATIERE CHOLESTERIQUE EN COUCHES AYANT UNE STABILITE AMELIOREE DE LA COULEUR, ET PRODUCTION DE CETTE MATIERE**
[72] PARKER, ROBERT, DE
[72] HEZEL, TILMANN, DE
[72] BLASCHKA, PETER, DE
[72] HAREMZA, SYLKE, DE
[72] RICHTER, VOLKER, DE
[72] MEYER, FRANK, DE
[72] SCHNEIDER, NORBERT, DE
[72] PRECHTL, FRANK, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[22] 2000-08-24
[43] 2001-02-27
[30] DE (19940681.2) 1999-08-27

[21] **2,316,709**
[13] A1

[51] **Int.Cl. 7F16L 47/03**
[25] EN
[54] **ELECTROFUSION FITTING**
[54] **APPAREILLAGE D'ELECTROFUSION**
[72] JÄPPINEN, TERO, FI
[71] UPONOR INNOVATION AB, SE
[22] 2000-08-25
[43] 2001-02-27
[30] GB (9920282.2) 1999-08-27

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[21] **2,316,711**
[13] A1

[51] **Int.Cl. 7C04B 14/04 7C04B 38/10 7E21B 33/14**
[25] EN
[54] **EARLY-ENHANCED STRENGTH CEMENT COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS DE CIMENT A RESISTANCE INITIALE AMELIOREE ET METHODES CONNEXES**
[72] WAUGH, BRYAN K., US
[72] REDDY, BAIREDDY R., US
[72] CROOK, RONALD J., US
[72] FITZGERALD, RUSSELL M., US
[72] GRAY, DENNIS W., US
[72] TRAXEL, BRENT E., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2000-08-24
[43] 2001-02-26
[30] US (09/383,734) 1999-08-26

[21] **2,316,712**
[13] A1

[51] **Int.Cl. 7F16B 2/14 7E02F 9/28**
[25] EN
[54] **A WEDGE AND SPOOL ASSEMBLY**
[54] **ENSEMBLE DE COIN ET DE BOBINE**
[72] EMRICH, ROBERT K., US
[72] CONKLIN, DONALD M., US
[72] BATTS, FRASER J., AU
[72] MUIR, DARREN C., AU
[72] PIZZUTO, DANIEL W., US
[72] FRYER, LESLIE H., AU
[71] SMORGON STEEL GROUP, LTD., AU
[71] ESCO CORPORATION, US
[22] 2000-08-25
[43] 2001-02-28
[30] AU (PQ2570) 1999-08-31
[30] WO (PCT/AU99/00863) 1999-10-05
[30] US (09/513,368) 2000-02-25
[30] US (09/632,537) 2000-08-04

[21] **2,316,714**
[13] A1

[51] **Int.Cl. 7H01L 35/16**
[25] EN
[54] **PROCESS FOR PRODUCING THERMOELECTRIC MATERIAL AND THERMOELECTRIC MATERIAL THEREOF**
[54] **PROCEDE DE PRODUCTION DE MATERIAU THERMOELECTRIQUE ET CE MATERIAU**
[72] SIMARD, JEAN-MARC, CA
[72] L'ECUYER, JACQUES, CA
[72] VASILEVSKIY, DMITRI, CA
[71] SIMARD, JEAN-MARC, CA
[71] L'ECUYER, JACQUES, CA
[71] VASILEVSKIY, DMITRI, CA
[22] 2000-08-23
[43] 2001-02-27
[30] CA (2,280,990) 1999-08-27

[21] **2,316,715**
[13] A1

[51] **Int.Cl. 7H01M 8/02**
[25] EN
[54] **ELECTROCATALYST FOR FUEL CELLS**
[54] **ELECTROCATALYSEURS POUR PILES A COMBUSTIBLE**
[72] VOGLER, CONNY, DE
[72] ALBERS, PETER, DE
[72] AUER, EMMANUEL, DE
[72] VOGEL, KARL, DE
[72] BEHL, WALTER, DE
[71] DMC2 DEGUSSA METALS CATALYSTS CERDEC AG, DE
[22] 2000-08-24
[43] 2001-02-27
[30] EP (99 116 926.9) 1999-08-27

[21] **2,316,717**
[13] A1

[51] **Int.Cl. 7B06B 1/16**
[25] EN
[54] **ELECTRONIC DEVICE INCORPORATING VIBRATION GENERATOR**
[54] **DISPOSITIF ELECTRONIQUE AVEC GENERATEUR DE VIBRATION INTEGRE**
[72] MIYAKE, HIDEKI, JP
[72] MAKINO, MASAMI, JP
[71] SANYO ELECTRIC CO., LTD., JP
[22] 2000-08-25
[43] 2001-02-27
[30] JP (11-242161) 1999-08-27

[21] **2,316,720**
[13] A1

[51] **Int.Cl. 7H04L 9/28**
[25] EN
[54] **SECURE PARAMETER GENERATING DEVICE AND PARAMETER GENERATING METHOD IN ALGEBRAIC CURVE CRYPTOGRAPHY**
[54] **DISPOSITIF DE PRODUCTION DE PARAMETRES DE SECURITE ET METHODE DE PRODUCTION DE PARAMETRES DE CRYPTOGRAPHIE ~ COURBE ALGEBRIQUE**
[72] ARITA, SEIGO, JP
[71] NEC CORPORATION, JP
[22] 2000-08-25
[43] 2001-02-27
[30] JP (11-242075) 1999-08-27

[21] **2,316,724**
[13] A1

[51] **Int.Cl. 7B43L 19/00**
[25] EN
[54] **ERASER**
[54] **GOMME A EFFACER**
[72] YAMAMOTO, RYUZO, JP
[72] HAYASHI, SHINICHIRO, JP
[71] SAKURA COLOR PRODUCTS CORPORATION, JP
[22] 2000-08-25
[43] 2001-02-28
[30] JP (11-244134) 1999-08-30

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[21] **2,316,725**
[13] A1

[51] **Int.Cl. 7B65D 90/04 7B08B 9/093 7B65D 33/25**
[25] EN
[54] **FLEXIBLE CONTAINER FOR LIQUID TRANSPORT, LIQUID TRANSPORT METHOD USING THE CONTAINER, LIQUID TRANSPORT APPARATUS USING THE CONTAINER, METHOD FOR WASHING THE CONTAINER, AND WASHINGEQUIPMENT**
[54] **RESERVOIR SOUPLE POUR LE TRANSPORT DE LIQUIDE, METHODE DE TRANSPORT DE LIQUIDE A L'AIDE DU RESERVOIR, APPAREIL DE TRANSPORT DE LIQUIDE A L'AIDE DU RESERVOIR, METHODE DE LAVAGE DU RESERVOIR, ET EQUIPEMENT DE LAVAGE**
[72] ASANO, HIROMASA, JP
[72] KUDO, JYUNICHIRO, JP
[72] ASANO, YOSHIMITSU, JP
[72] ICHIKAWA, NOBUHIRO, JP
[72] OOZEKI, TOKUO, JP
[72] MORIOKA, KOITSU, JP
[71] ASANO TRANSPORTATION CO., LTD., JP
[71] YKK CORPORATION, JP
[22] 2000-08-25
[43] 2001-03-01
[30] JP (11-247709) 1999-09-01
[30] JP (11-282033) 1999-10-01

[21] **2,316,733**
[13] A1

[51] **Int.Cl. 7E01C 19/28**
[25] EN
[54] **GROUND COMPACTING DEVICE**
[54] **DISPOSITIF DE COMPACTION DU SOL**
[72] BLANCKE, UWE, DE
[72] MOTZ, KARL HERMANN, DE
[71] BOMAG GMBH & CO. OHG, DE
[22] 2000-08-25
[43] 2001-02-25
[30] DE (299 14 838.6) 1999-08-25

[21] **2,316,734**
[13] A1

[51] **Int.Cl. 7E03C 1/00**
[25] EN
[54] **INFLOW AND DRAIN FIXTURE FOR BATHTUBS OR SHOWER TUBS**
[54] **APPAREIL SANITAIRE D'ENTREE ET D'EVACUATION D'EAU POUR BAIGNOIRES OU DOUCHES**
[72] ROST, MAARTEN, CH
[72] BENNE, DAVID, CH
[71] GEBERIT TECHNIK AG, CH
[22] 2000-08-24
[43] 2001-02-27
[30] CH (1578/99) 1999-08-27

[21] **2,316,744**
[13] A1

[51] **Int.Cl. 7H01H 71/02**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH SPACE-CONSERVING BASE/COVER ATTACHMENT**
[54] **COUPE-CIRCUIT COMPORTANT UN ACCESSOIRE DE FIXATION BASE/ COUVERCLE PERMETTANT D'ECONOMISER L'ESPACE**
[72] MCNEIL, MICHAEL, US
[72] ZINDLER, MARK O., US
[72] FUNYAK, DAVID C., US
[71] EATON CORPORATION, US
[22] 2000-08-24
[43] 2001-02-27
[30] US (09/384,943) 1999-08-27

[21] **2,316,747**
[13] A1

[51] **Int.Cl. 7A23L 1/32**
[25] EN
[54] **IMPROVED EGG YOLK COMPOSITIONS**
[54] **COMPOSITIONS AMELIOREES DE JAUNE D'OEUF**
[72] ZAYAS, MARIA TERESA, US
[72] AKASHE, AHMAD, US
[71] KRAFT FOODS, INC., US
[22] 2000-08-28
[43] 2001-03-02
[30] US (09/389,124) 1999-09-02

[21] **2,316,748**
[13] A1

[51] **Int.Cl. 7C07D 405/12 7C07D 309/08**
[25] EN
[54] **PROCESS FOR MAKING 5-LIPOXYGENASE INHIBITORS HAVING VARIED HETEROCYCLIC RING SYSTEMS**
[54] **PROCESSUS DE SYNTHÈSE D'INHIBITEURS DE 5-LIPOXYDASE CONTENANT DIFFERENTS GROUPES HETEROCYCLIQUES**
[72] HNATOW, MEGAN ELIZABETH, US
[72] NORRIS, TIMOTHY, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-08-29
[43] 2001-02-28
[30] US (60/151,610) 1999-08-31

[21] **2,316,753**
[13] A1

[51] **Int.Cl. 7B23B 45/14**
[25] EN
[54] **TOOL HOLDER AND A RUNOUT CORRECTING TOOL FOR A TOOL HOLDER**
[54] **PORTE-OUTIL ET OUTIL DE CORRECTION DE POSITIONNEMENT DE PORTE-OUTIL**
[72] ISHIKAWA, HITOSHI, JP
[71] NT TOOL KABUSHIKIKAISHA, JP
[22] 2000-08-28
[43] 2001-02-28
[30] JP (11-242768) 1999-08-30

[21] **2,316,754**
[13] A1

[51] **Int.Cl. 7A61F 13/49**
[25] EN
[54] **DISPOSABLE DIAPER**
[54] **COUCHES JETABLES**
[72] MISHIMA, YOSHITAKA, JP
[72] OTSUBO, TOSHIFUMI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-08-28
[43] 2001-03-03
[30] JP (11-249951) 1999-09-03

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[21] **2,316,757**
[13] A1
[51] **Int.Cl. 7F16F 15/10**
[25] EN
[54] **VEHICLE DRIVE TRAIN ASSEMBLY INCLUDING PIEZO-BASED DEVICE FOR VIBRATION DAMPENING**
[54] **CHAINE CINEMATIQUE DE VEHICULE A DISPOSITIF PIEZOELECTRIQUE AMORTISSEUR DE VIBRATIONS**
[72] DUGGAN, JAMES A., US
[71] DANA CORPORATION, US
[22] 2000-08-29
[43] 2001-02-28
[30] US (09/386,244) 1999-08-31

[21] **2,316,764**
[13] A1
[51] **Int.Cl. 7A61K 35/78 7A23L 1/212**
[25] EN
[54] **FOOD USING Y-AMINO BUTYRIC ACID-ENRICHED CRUCIFEROUS PLANT**
[54] **ALIMENT UTILISANT UNE PLANTE CRUCIFERE ENRICHIE EN ACIDE GAMMA-AMINO BUTYRIQUE**
[72] TAKAGAKI, KINYA, JP
[72] TSUSAKI, SHINJI, JP
[72] HATTORI, TOSHIMITSU, JP
[71] TOYO SHINYAKU CO., LTD., JP
[22] 2000-08-29
[43] 2001-03-02
[30] JP (11-249166) 1999-09-02
[30] JP (2000-189561) 2000-06-23
[30] JP (2000-189562) 2000-06-23
[30] JP (2000-189563) 2000-06-23

[21] **2,316,767**
[13] A1
[51] **Int.Cl. 7C07D 401/12 7C07D 471/04 7A61K 38/05 7A61P 5/06 7C07K 5/078 7C07D 405/12 7C07D 409/12 7C07D 401/14 7C07D 209/20 7A61K 31/405 7A61K 31/454 7A61K 31/4545 7A61K 31/495 7A61K 31/496 7A61K 31/5377 7A61K 31/54 7A61K 31/55**
[25] EN
[54] **SOMATOSTATIN ANTAGONISTS AND AGONISTS THAT ACT AT THE SST SUBTYPE 2 RECEPTOR**
[54] **ANTAGONISTES ET AGONISTES DE LA SOMATOSTATINE AGISSANT AU NIVEAU DU RECEPTEUR SST2**
[72] HAY, BRUCE ALLAN, US
[72] COLE, BRIDGET MCCARTHY, US
[72] RICKETTS, ANTHONY PAUL, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-08-29
[43] 2001-03-01
[30] US (60/151,830) 1999-09-01

[21] **2,316,768**
[13] A1
[51] **Int.Cl. 7H01H 71/02**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH BREAK-AWAY WALKING BEAM ACCESS**
[54] **COUPE-CIRCUIT AVEC ACCES PAR BALANCIER DE SEPARATION**
[72] HOOD, TERESA I., US
[72] GUNDY, RAYMOND P., US
[71] EATON CORPORATION, US
[22] 2000-08-29
[43] 2001-02-28
[30] US (09/386,539) 1999-08-30

[21] **2,316,770**
[13] A1
[51] **Int.Cl. 7C08F 236/10**
[25] EN
[54] **A PROCESS FOR THE PREPARATION OF A COPOLYMER BASED ON VINYL AROMATIC COMPOUNDS AND CONJUGATED DIENES AND THE USE THEREOF FOR THE MANUFACTURE OF VULCANIZATES WITH OUTSTANDING DAMPING BEHAVIOR**
[54] **UN PROCEDE DE PREPARATION D'UN COPOLYMER A BASE DE COMPOSES AROMATIQUES VINYLIQUES ET DE DIENES CONJUGUES ET SON UTILISATION POUR LA FABRICATION DE VULCANISATS AYANT UN EXCELLENT COMPORTEMENT A L'AMORTISSEMENT**
[72] GIEBELER, ELLEN, DE
[72] WRANA, CLAUS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-08-28
[43] 2001-02-28
[30] DE (19941314.2) 1999-08-31

[21] **2,316,771**
[13] A1
[51] **Int.Cl. 7C22C 38/22 7C22C 38/18**
[25] EN
[54] **HEAT RESISTANT CR-MO ALLOY STEEL**
[54] **ACIER AU CHROME ET AU MOLYBDENE THERMORESISTANT**
[72] MIYATA, KAORI, JP
[71] SUMITOMO METAL INDUSTRIES, LTD., JP
[22] 2000-08-28
[43] 2001-02-28
[30] JP (11-244218) 1999-08-31

[21] **2,316,778**
[13] A1
[51] **Int.Cl. 7H02G 3/02 7H02G 3/12**
[25] EN
[54] **A WALLPLATE RETENTION DEVICE**
[54] **DISPOSITIF DE RETENUE DE PLAQUE MURALE**
[72] SHERMAN, JAMES J., US
[72] EDER, JOHN, US
[71] LEVITON MANUFACTURING CO., INC., US
[22] 2000-08-28
[43] 2001-03-02
[30] US (09/388,642) 1999-09-02

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[21] **2,316,779**
[13] A1

[51] **Int.Cl. 7H02M 3/158**
[25] EN
[54] **ARCP MULTIPOINT CONVERTER HAVING VARIABLE-POTENTIAL INTERMEDIATE-CIRCUIT CAPACITANCES**
[54] **CONVERTISSEUR MULTIPOINT ARCP DOTE DE CAPACITES DE CIRCUIT INTERMEDIAIRE A POTENTIEL VARIABLE**
[72] TEICHMANN, RALPH, DE
[71] ABB PATENT GMBH, DE
[22] 2000-08-28
[43] 2001-03-02
[30] DE (199 41 813.6) 1999-09-02
[30] DE (100 27 575.3) 2000-06-02

[21] **2,316,790**
[13] A1

[51] **Int.Cl. 7G06F 17/50**
[25] EN
[54] **A COMPUTER-IMPLEMENTED METHOD AND APPARATUS FOR INTEGRATING VEHICLE MANUFACTURING OPERATIONS**
[54] **METHODE ET APPAREIL UTILISANT UN ORDINATEUR POUR INTEGRER DES OPERATIONS DE FABRICATION DE VEHICULES**
[72] MORO, ANDREW J., CA
[72] HILL, CAMERON T., US
[72] RAKOCZY, DANIEL J., US
[72] WOOD, JOHN W., US
[72] HONNILA, DEBORAH A., US
[71] DAIMLERCHRYSLER CORPORATION, US
[22] 2000-08-28
[43] 2001-03-01
[30] US (09/387,956) 1999-09-01

[21] **2,316,795**
[13] A1

[51] **Int.Cl. 7B41M 5/00 7B41J 2/01**
[25] EN
[54] **METHOD FOR PRINTING ON NON-POROUS SURFACES**
[54] **METHODE D'IMPRESSON SUR SURFACES NON-POREUSES**
[72] VAN DER WAARD, JOHANNES, CH
[72] SCHULTZ, MATTHIAS, CH
[71] PELIKAN PRODUKTIONS AG, CH
[22] 2000-08-28
[43] 2001-03-01
[30] DE (199 41 673.7) 1999-09-01

[21] **2,316,934**
[13] A1

[51] **Int.Cl. 7G02B 6/12 7G02B 6/13**
[25] FR
[54] **COMPOSANT ELECTRO-OPTIQUE MULTI-SECTIONS**
[54] **MULTI-SECTION ELECTRO-PHOTONIC DEVICE**
[72] LEROY, ARNAUD, FR
[72] CHAUMONT, CHRISTINE, FR
[72] PLAIS, ANTONINA, FR
[72] MALLECOT, FRANCK, FR
[71] ALCATEL, FR
[22] 2000-08-25
[43] 2001-02-28
[30] FR (99 10 957) 1999-08-31

[21] **2,316,937**
[13] A1

[51] **Int.Cl. 7G01R 31/3183**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE TEST DU FONCTIONNEMENT D'UNE UNITE ELECTRONIQUE PAR SIMULATION ET INSTALLATION DE TEST D'UNITE A EMBARQUER SUR UN MATERIEL FERROVIAIRE OU UN VEHICULE ELECTRIQUE**
[54] **PROCESS AND DEVICE FOR TESTING THE OPERATION OF AN ELECTRONIC UNIT BY SIMULATION AND TEST INSTALLATION OF UNIT TO BE MOUNTED ON RAILWAY ROLLING STOCK OR AN ELECTRIC VEHICLE**
[72] MIGLIANICO, DENIS, FR
[71] ALSTOM, FR
[22] 2000-08-29
[43] 2001-02-28
[30] FR (99 11 034) 1999-08-31

[21] **2,317,001**
[13] A1

[51] **Int.Cl. 7C07D 405/12**
[25] EN
[54] **PROCESS FOR MAKING 5-LIPOXYGENASE INHIBITORS HAVING VARIED HETEROCYCLIC RING SYSTEMS**
[54] **PROCEDE DE PRODUCTION D'INHIBITEURS DE LA 5-LIPOXIDASE COMPORTANT DIVERS CYCLES HETEROCYCLIQUES**
[72] NORRIS, TIMOTHY, US
[72] HNATOW, MEGAN ELIZABETH, US
[72] LAMBERT, JOHN FRANCIS, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-08-29
[43] 2001-02-28
[30] US (60/151,611) 1999-08-31

[21] **2,317,004**
[13] A1

[51] **Int.Cl. 7E21B 33/14**
[25] EN
[54] **DISPERSANT AND FLUID LOSS CONTROL ADDITIVES FOR WELL CEMENTS, WELL CEMENT COMPOSITIONS AND METHODS**
[54] **AGENT DISPERSANT ET ADDITIFS POUR REDUCTEUR DE FILTRAT POUR LES CIMENTS A PUIT, LES COMPOSITIONS DE CIMENT A PUIT ET METHODES**
[72] VIJN, JAN PIETER, NL
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2000-08-29
[43] 2001-02-28
[30] US (09/385,806) 1999-08-30

[21] **2,317,018**
[13] A1

[51] **Int.Cl. 7A23L 2/62**
[25] EN
[54] **HIGH PERFORMANCE TITANIUM DIOXIDE CLOUDING AGENT AND METHOD OF MANUFACTURE THEREOF**
[54] **AGENT DE TURBIDITE HAUTE PERFORMANCE A BASE DE DIOXYDE DE TITANE ET METHODE DE FABRICATION DUDIT PRODUIT**
[72] MACDONALD, JANE L., US
[72] CHUANG, LOCUS YAW-JEN, US
[71] KRAFT FOODS, INC., US
[22] 2000-08-29
[43] 2001-03-02
[30] US (09/388,849) 1999-09-02

[21] **2,317,031**
[13] A1

[51] **Int.Cl. 7G03C 1/74**
[25] EN
[54] **PROCESS FOR COATING A SOLUTION ONTO A SUBSTRATE**
[54] **PROCEDE POUR APPLIQUER UNE SOLUTION SUR UN SUBSTRAT**
[72] PRINCIPE, FRANK SANTO, US
[72] INNOCENZO, JEFFREY GLENN, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[22] 2000-08-29
[43] 2001-02-28
[30] US (09/386,773) 1999-08-31

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[21] 2,317,052
[13] A1

[51] **Int.Cl. 7H01H 71/02**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH HOUSING SUPPORT**
[54] **COUPE-CIRCUIT AVEC SUPPORT DE BOITIER**
[72] HUMBERT, JOSEPH B., US
[72] PALMER, KATHRYN M., US
[72] BECK, H. RICHARD, US
[72] TEDESCO, ROBERT J., US
[72] ZINDLER, MARK O., US
[71] EATON CORPORATION, US
[22] 2000-08-25
[43] 2001-02-27
[30] US (09/384,449) 1999-08-27

[21] 2,317,053
[13] A1

[51] **Int.Cl. 7C07D 491/048 7C07D 487/04 7C07D 495/04 7A61P 25/24 7A61P 25/28 7A61K 31/4545 7A61K 31/496**
[25] FR
[54] **NOUVEAUX DERIVES DE LA PYRIDINE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **NEW PYRIDINE DERIVATIVES, THE PROCESS FOR PREPARING THEM AND THE PHARMACEUTICAL COMPOSITIONS THAT CONTAIN THEM**
[72] DEKEYNE, ANNE, FR
[72] DESSINGES, AIMEE, FR
[72] POITEVIN, CHRISTOPHE, FR
[72] MILLAN, MARK, FR
[72] PEGLION, JEAN-LOUIS, FR
[71] ADIR ET COMPAGNIE, FR
[22] 2000-08-25
[43] 2001-02-27
[30] FR (99.10834) 1999-08-27

[21] 2,317,059
[13] A1

[51] **Int.Cl. 7C08K 3/04 7H01M 8/02 7C08K 3/08 7C08J 3/24 7C08K 3/36**
[25] EN
[54] **ELECTRICALLY CONDUCTING MEMBERS**
[54] **CONDUCTEURS ELECTRIQUES**
[72] CHMIELEWSKI, CRAIG A., US
[71] FREUDENBERG-NOK, GENERAL PARTNERSHIP, US
[22] 2000-08-25
[43] 2001-02-27
[30] US (60/151,099) 1999-08-27
[30] US (09/616,835) 2000-07-14

[21] 2,317,061
[13] A1

[51] **Int.Cl. 7B01D 53/10**
[25] EN
[54] **FLUID SEPARATION PROCESS AND SEPARATION SYSTEM THEREFOR**
[54] **PROCEDE DE SEPARATION DE FLUIDES ET SYSTEME DE SEPARATION CONNEXE**
[72] ZADEH, DARIUSH HABIBOLLIH, US
[72] NOTARO, FRANK, US
[72] NOWOBILSKI, JEFFERT JOHN, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-08-25
[43] 2001-02-27
[30] US (09/384,219) 1999-08-27

[21] 2,317,064
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 25/30**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR THE PREVENTION AND TREATMENT OF NICOTINE ADDICTION IN A MAMMAL**
[54] **COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION ET LE TRAITEMENT DE L'ACCOUTUMANCE A LA NICOTINE CHEZ UN MAMMIFERE**
[72] SANDS, STEVEN BRADLEY, US
[72] COE, JOTHAM WADSWORTH, US
[72] HARRIGAN, EDMUND PATRICK, US
[72] O'NEILL, BRIAN THOMAS, US
[72] WATSKY, ERIC JACOB, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-08-25
[43] 2001-02-27
[30] US (60/151,089) 1999-08-27

[21] 2,317,069
[13] A1

[51] **Int.Cl. 7B81B 3/00 7B81B 5/00 7B81C 1/00**
[25] EN
[54] **MICROELECTROMECHANICAL VALVE HAVING SINGLE CRYSTALLINE COMPONENTS AND ASSOCIATED FABRICATION METHOD**
[54] **ROBINET MICROELECTROMECHANIQUE COMPRENANT DES COMPOSANTS MONOCRISTALLINS ET METHODE DE FABRICATION CONNEXE**
[72] WALTERS, MARK DAVID, US
[72] DHULER, VIJAYAKUMAR R., US
[71] JDS UNIPHASE INC., CA
[22] 2000-08-29
[43] 2001-03-01
[30] US (09/388,321) 1999-09-01

[21] 2,317,074
[13] A1

[51] **Int.Cl. 7B61L 1/04 7B61L 23/00**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING OBJECTS DRAGGING BENEATH A TRAIN**
[54] **METHODE DE DETECTION ET DETECTEUR D'OBJETS ENTRAINES SOUS UN TRAIN**
[72] BARTONEK, MARK J., US
[71] HARMON INDUSTRIES, INC., US
[22] 2000-08-30
[43] 2001-02-28
[30] US (09/386,202) 1999-08-31

[21] 2,317,075
[13] A1

[51] **Int.Cl. 7E02F 9/00**
[25] EN
[54] **PROTECTIVE SHROUD**
[54] **JUPE PROTECTRICE**
[72] WELLS, BRUCE ROY, AU
[71] CUTTING EDGES PTY LIMITED, AU
[22] 2000-08-30
[43] 2001-02-28
[30] AU (PQ2555) 1999-08-30

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[21] **2,317,088**
[13] A1

[51] **Int.Cl. 7C08G 63/06 7C08J 5/18 7C08G 63/81**
[25] EN
[54] **PROCESS FOR PRODUCING AROMATIC LIQUID CRYSTALLINE POLYESTER AND FILM THEREOF**
[54] **PROCESSUS DE PRODUCTION DE CRISTAUX LIQUIDES DE POLYESTER AROMATIQUE ET FILM OBTENU PAR CE PROCESSUS**
[72] OHBE, YOSHITAKA, JP
[72] AKIYOSHI, KAZUNORI, JP
[72] MORIYAMA, SHINO, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[22] 2000-08-30
[43] 2001-03-03
[30] JP (H11-249863) 1999-09-03
[30] JP (H11-263934) 1999-09-17
[30] JP (H11-312273) 1999-11-02

[21] **2,317,095**
[13] A1

[51] **Int.Cl. 7A61F 2/44**
[25] EN
[54] **DISTRACTABLE CORPECTOMY DEVICE**
[54] **DISPOSITIF DE CORPECTOMIE REGLABLE**
[72] HARRINGTON, TODD, US
[72] AN, HOWARD, US
[72] CROZET, YVES, US
[71] HOWMEDICA OSTEONICS CORP., US
[22] 2000-08-28
[43] 2001-03-02
[30] US (09/388,726) 1999-09-02

[21] **2,317,097**
[13] A1

[51] **Int.Cl. 7C07D 405/12 7C07D 309/08**
[25] EN
[54] **PROCESS FOR MAKING 5-LIPOXYGENASE INHIBITORS HAVING VARIED HETEROCYCLIC RING SYSTEMS**
[54] **PROCEDE DE PRODUCTION D'INHIBITEURS DE LA 5-LIPOXIDASE COMPORANT DIVERS CYCLES HETEROCYCLIQUES**
[72] NORRIS, TIMOTHY, US
[72] LAMBERT, JOHN FRANCIS, US
[72] HNATOW, MEGAN ELIZABETH, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-08-29
[43] 2001-02-28
[30] US (60/151,615) 1999-08-31

[21] **2,317,099**
[13] A1

[51] **Int.Cl. 7A47J 31/00 7A61K 35/78**
[25] EN
[54] **HOME-STYLE DECOCTOR ENDOWED WITH STEAMY BOILING FUNCTION, AND METHOD OF PREPARING RED GINSENG EXTRACT USING THE SAME**
[54] **APPAREIL DOMESTIQUE POUR DECOCTION MUNI D'UNE FONCTION METHODE DE PRERARATION D'UN EXTRAIT ROUGE DE GINSENG A L'AIDE DE CET APPAREIL**
[72] LEE, BYUNG GIL, KR
[72] KIM, YONG JIN, KR
[72] KIM, JOON HWAN, KR
[71] DAEWOONG ELECTRIC INDUSTRIAL CO., LTD., KR
[22] 2000-08-29
[43] 2001-02-28
[30] KR (99-36486) 1999-08-31
[30] KR (99-60810) 1999-12-23
[30] KR (99-61843) 1999-12-24

[21] **2,317,101**
[13] A1

[51] **Int.Cl. 7A45D 40/00**
[25] EN
[54] **TWO-PIECE COSMETIC APPLICATOR**
[54] **APPLICATEUR DE COSMETIQUE DEUX PIECES**
[72] FINNIGAN, DEBORAH M., US
[71] OWENS-ILLINOIS CLOSURE INC., US
[22] 2000-08-29
[43] 2001-03-02
[30] US (09/387,397) 1999-09-02

[21] **2,317,118**
[13] A1

[51] **Int.Cl. 7C12P 19/26**
[25] EN
[54] **PROCESS FOR PRODUCING N-ACETYLNEURAMINIC ACID**
[54] **PROCEDE DE PRODUCTION D'ACIDE N-ACETYLNEURAMINIQUE**
[72] TABATA, KAZUHIKO, JP
[72] KOIZUMI, SATOSHI, JP
[72] ENDO, TETSUO, JP
[72] OZAKI, AKIO, JP
[71] KYOWA HAKKO KOGYO CO., LTD., JP
[22] 2000-08-30
[43] 2001-02-28
[30] JP (242670/99) 1999-08-30

[21] **2,317,133**
[13] A1

[51] **Int.Cl. 7H01S 5/06 7H01S 5/125**
[25] EN
[54] **TUNABLE LASER AND MANUFACTURING METHOD THEREFOR**
[54] **LASER ACCORDABLE ET METHODE POUR SA PRODUCTION**
[72] VAKHSHOORI, DARYOOSH, US
[72] TAYEBATI, PARVIZ, US
[71] CORETEK, INC., US
[22] 2000-08-30
[43] 2001-02-28
[30] US (09/386,604) 1999-08-31

[21] **2,317,136**
[13] A1

[51] **Int.Cl. 7H01S 5/068 7H01S 5/0687**
[25] EN
[54] **COMPACT EXTERNAL CAVITY TUNABLE LASERS USING HYBRID INTEGRATION WITH MICROMACHINED AND ELECTROOPTIC TUNABLE ELEMENTS**
[54] **LASERS ACCORDABLES COMPACTS A CAVITE EXTERNE A INTEGRATION HYBRIDE AVEC DES ELEMENTS MICRO-USINES ET DES ELEMENTS ELECTRO-OPTIQUES ACCORDABLES**
[72] TAYEBATI, PARVIZ, US
[71] CORETEK, INC., US
[22] 2000-08-30
[43] 2001-02-28
[30] US (09/386,603) 1999-08-31

[21] **2,317,139**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 17/40**
[25] EN
[54] **FOLDER TYPE TIME STAMPING SYSTEM AND DISTRIBUTED TIME STAMPING SYSTEM**
[54] **SYSTEME D'HORODATAGE DE TYPE DOSSIER ET SYSTEME D'HORODATAGE REPARTI**
[72] ONO, SATOSHI, JP
[72] TAKURA, AKIRA, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[22] 2000-08-30
[43] 2001-03-01
[30] JP (P11-247993) 1999-09-01
[30] JP (P11-247994) 1999-09-01

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[21] **2,317,142**
[13] A1
[51] **Int.Cl. 7H04Q 7/36 7H04Q 7/38**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING FORWARD TRANSMIT POWER IN A WIRELESS SYSTEM**
[54] **METHODE ET SYSTEME DE COMMANDE DE LA PUISSANCE DE TRANSMISSION DU CANAL ALLER DANS UN SYSTEME SANS FIL**
[72] KAMEL, RAAFAT EDWARD, US
[72] KUO, WEN-YI, US
[72] WEAVER, CARL FRANCIS, US
[72] MEYERS, MARTIN HOWARD, US
[72] WU, XIAO CHENG, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-30
[43] 2001-03-02
[30] US (09/389,080) 1999-09-02

[21] **2,317,146**
[13] A1
[51] **Int.Cl. 7H04L 29/02 7H04L 12/24**
[25] EN
[54] **MULTIMEDIA COMMUNICATIONS RESOURCE MANAGEMENT CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CONTROLE DE GESTION DE RESSOURCES DE COMMUNICATIONS MULTIMEDIA**
[72] PERES, ELIANA, CA
[71] MITEL CORPORATION, CA
[22] 2000-08-29
[43] 2001-02-28
[30] GB (9920464.6) 1999-08-31

[21] **2,317,149**
[13] A1
[51] **Int.Cl. 7C22C 49/00 7C22C 49/02 7C22C 1/10 7B22D 19/14**
[25] EN
[54] **LOW VOLUME FRACTION METAL MATRIX PREFORMS**
[54] **PREFORMES A FAIBLE FRACTION VOLUMIQUE POUR MATRICES METALLIQUES**
[72] LO, JASON SIN HIN, CA
[72] SANTOS, RAUL, CA
[71] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL, CA
[22] 2000-08-31
[43] 2001-03-03
[30] US (09/398,450) 1999-09-03

[21] **2,317,153**
[13] A1
[51] **Int.Cl. 7A01N 65/00**
[25] EN
[54] **LAWN PESTICIDES AND PROCESSES**
[54] **PESTICIDES POUR PELOUSES ET PROCEDES**
[72] TORIMOTO, HAJIME, JP
[71] TORIMOTO, HAJIME, JP
[22] 2000-08-31
[43] 2001-03-01
[30] JP (11-247979) 1999-09-01
[30] JP (12-186347) 2000-06-21

[21] **2,317,154**
[13] A1
[51] **Int.Cl. 7G09F 15/00**
[25] EN
[54] **CURVED PANEL ASSEMBLY AND METHODS OF ASSEMBLY THEREOF**
[54] **PANNEAUX CINTRES ET METHODE D'ASSEMBLAGE**
[72] LANIER, ADDISON, CA
[71] LANIER, ADDISON, CA
[22] 2000-08-31
[43] 2001-03-01
[30] US (09/387,761) 1999-09-01

[21] **2,317,158**
[13] A1
[51] **Int.Cl. 7F25J 3/04**
[25] EN
[54] **CRYOGENIC RECTIFICATION SYSTEM FOR PRODUCING VERY HIGH PURITY OXYGEN**
[54] **SYSTEME DE RECTIFICATION CRYOGENIQUE POUR PRODUIRE DE L'OXYGENE DE TRES HAUTE PURETE**
[72] BONAQUIST, DANTE PATRICK, US
[72] BILLINGHAM, JOHN FREDRIC, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-08-29
[43] 2001-02-28
[30] US (09/386,276) 1999-08-31

[21] **2,317,159**
[13] A1
[51] **Int.Cl. 7H02K 24/00 7G01D 5/04**
[25] EN
[54] **CONSTRUCTION FOR A CAM ROTATION SENSOR ATTACHING PORTION**
[54] **FABRICATION D'UN DISPOSITIF DE FIXATION DE DETECTEUR DE ROTATION DE CAME**
[72] KOBAYASHI, TOSHIKI, JP
[72] IHARA, TAKASHI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-30
[43] 2001-03-03
[30] JP (HEI. 11-250532) 1999-09-03

[21] **2,317,166**
[13] A1
[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**
[25] EN
[54] **METADATA MODEL**
[54] **MODELE DE METADONNEES**
[72] CAZEMIER, HENK, CA
[72] RASMUSSEN, GLENN D., CA
[71] COGNOS INCORPORATED, CA
[22] 2000-08-31
[43] 2001-03-03
[30] CA (2,281,331) 1999-09-03

[21] **2,317,168**
[13] A1
[51] **Int.Cl. 7C11D 3/50 7C11D 1/22**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF PERFUME BEADS**
[54] **PROCEDE DE PRODUCTION DE BILLES DE PARFUM**
[72] LAHN, WOLFGANG, DE
[72] PAATZ, KATHLEEN, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-08-31
[43] 2001-02-28
[30] DE (199 41 263.4) 1999-08-31

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[21] **2,317,171**
[13] A1

[51] **Int.Cl. 7H01F 7/00 7A61N 2/08**
[25] EN
[54] **MAGNETIC SHEETS**
[54] **FEUILLES MAGNETIQUES**
[72] GRISONI, BERNARD F., US
[72] CRANE, LAURA J., US
[71] SCHERING-PLOUGH HEALTHCARE PRODUCTS INC., US
[22] 2000-08-30
[43] 2001-03-01
[30] US (09/387,944) 1999-09-01

[21] **2,317,174**
[13] A1

[51] **Int.Cl. 7B32B 27/04 7E04D 5/10**
[25] EN
[54] **THERMOPLASTIC ELASTOMER LAMINATED MATERIAL**
[54] **MATERIAU STRATIFIE CONTENANT UN ELASTOMERE THERMOPLASTIQUE**
[72] KARAIWA, MASATO, JP
[71] MITSUI CHEMICALS INC., JP
[22] 2000-08-31
[43] 2001-03-03
[30] JP (249957/1999) 1999-09-03

[21] **2,317,175**
[13] A1

[51] **Int.Cl. 7B43M 3/04**
[25] EN
[54] **METHOD AND DEVICE FOR SYNCHRONIZING MOTION FOR INSERT FEEDERS IN AN INSERTION SYSTEM**
[54] **METHODE ET DISPOSITIF DE SYNCHRONISATION DU MOUVEMENT DES MOTEURS D'ALIMENTATION D'UN SYSTEME D'INSERTION**
[72] SUSSMEIER, JOHN W., US
[71] PITNEY BOWES INC., US
[22] 2000-08-30
[43] 2001-02-28
[30] US (09/385,515) 1999-08-30

[21] **2,317,179**
[13] A1

[51] **Int.Cl. 7C08F 130/08 7C07H 21/00 7C08G 77/26 7G01N 33/543**
[25] EN
[54] **MACROMOLECULAR ARRAYS ON POLYMERIC BRUSHES AND METHODS FOR PREPARING THE SAME**
[54] **RESEAUX MACROMOLECULAIRES SUR BROSSES POLYMERIQUES ET METHODES DE PREPARATION DE CES PRODUITS**
[72] McGALL, GLENN, US
[71] AFFYMETRIX, INC., US
[22] 2000-08-31
[43] 2001-03-01
[30] US (60/151,862) 1999-09-01

[21] **2,317,182**
[13] A1

[51] **Int.Cl. 7C11D 3/20 7C11D 17/02 7C11D 1/72 7C11D 1/722 7C11D 1/83**
[25] EN
[54] **DETERGENT COMPONENT**
[54] **COMPOSANT DE DETERGENT**
[72] SUNDER, MATTHIAS, DE
[72] NITSCH, CHRISTIAN, DE
[72] KESSLER, ARND, DE
[72] HOLDERBAUM, THOMAS, DE
[72] RICHTER, BERND, DE
[72] SCHMIEDEL, PETER, DE
[72] HAERER, JUERGEN, DE
[72] BAYERSDOERFER, ROLF, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-08-31
[43] 2001-02-28
[30] DE (199 41 264.2) 1999-08-31
[30] DE (199 57 504.5) 1999-11-30

[21] **2,317,194**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 9/00 7G06F 17/60**
[25] EN
[54] **QUERY ENGINE AND METHOD FOR QUERYING DATA USING METADATA MODEL**
[54] **MOTEUR DE REQUETES ET METHODE DE RECHERCHE DE DONNEES UTILISANT UN MODELE DE METADONNEES**
[72] CAZEMIER, HENK, CA
[72] RASMUSSEN, GLENN D., CA
[71] COGNOS INCORPORATED, CA
[22] 2000-08-31
[43] 2001-03-03
[30] CA (2,281,331) 1999-09-03

[21] **2,317,198**
[13] A1

[51] **Int.Cl. 7C07D 303/40 7C07C 269/08 7C07C 271/16 7C07C 319/28 7C07C 323/43 7C07D 303/46**
[25] EN
[54] **METHOD FOR PRODUCING EPOXIDE CRYSTAL**
[54] **METHODE DE PRODUCTION DE CRISTAUX D'EPOXYDE**
[72] NAKANO, TAKASHI, JP
[72] OTAKE, YASUYUKI, JP
[72] HONDA, YUTAKA, JP
[72] IZAWA, KUNISUKE, JP
[72] NAKAZAWA, MASAKAZU, JP
[72] HIROSE, NAOKO, JP
[72] ONISHI, TOMOYUKI, JP
[71] AJINOMOTO CO., INC., JP
[22] 2000-08-31
[43] 2001-02-28
[30] JP (245645/1999) 1999-08-31
[30] JP (035074/2000) 2000-02-14
[30] JP (082895/2000) 2000-03-23
[30] JP (199234/2000) 2000-06-30

[21] **2,317,219**
[13] A1

[51] **Int.Cl. 7E04H 3/12 7A47C 1/12**
[25] EN
[54] **DEPLOYABLE SEATING ARRANGEMENT**
[54] **ENSEMBLE DE SIEGES SE DEPLOYANT**
[72] GUILLES, MELVIN J., US
[72] AHRENS, KENNETH A., US
[72] VICTOR, DANIEL R., US
[71] INTERKAL, INC., US
[22] 2000-09-01
[43] 2001-03-01
[30] US (09/388,839) 1999-09-01

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[21] **2,317,222**
[13] A1
[51] **Int.Cl. 7F21V 33/00 7F21V 7/00**
[25] EN
[54] **REFLECTIVE SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE**
REFLECHISSANT
[72] LIN, HUI YAO, TW
[71] LIN, HUI YAO, TW
[22] 2000-09-01
[43] 2001-03-02
[30] US (09/389,645) 1999-09-02

[21] **2,317,223**
[13] A1
[51] **Int.Cl. 7B62D 55/24**
[25] EN
[54] **TRACK FOR SNOW VEHICLES**
[54] **CHENILLE POUR VEHICULES**
NIVAUX
[72] BOIVIN, DENIS, CA
[72] BOIVIN, ALAIN, CA
[71] A & D BOIVIN DESIGN INC., CA
[22] 2000-09-01
[43] 2001-03-02
[30] CA (2,281,341) 1999-09-02

[21] **2,317,227**
[13] A1
[51] **Int.Cl. 7B21D 53/60**
[25] EN
[54] **PROCESS FOR PRODUCTION OF**
AN OBJECT ASSEMBLED FROM AT
LEAST TWO PARTS
[54] **PROCESSUS DE FABRICATION**
D'UN OBJET ASSEMBLE A PARTIR
D'AU MOINS DEUX PARTIES
[72] REINOLD, HORST, CH
[71] SILBERMANUFACTUR JEZLER AG,
CH
[22] 2000-09-01
[43] 2001-03-03
[30] EP (99810794.0) 1999-09-03

[21] **2,317,228**
[13] A1
[51] **Int.Cl. 7F41H 7/02**
[25] EN
[54] **APPARATUS FOR PROTECTING**
AGAINST THE EFFECT OF A LINE
MINE
[54] **APPAREIL DE PROTECTION**
CONTRE LES EFFETS DE MINES
TERRESTRES
[72] BRUHN, PETER, DE
[72] SCHMITT, JOSEF, DE
[72] RUNOW, EITEL, DE
[72] KUHLE, MANFRED, DE
[71] MAK SYSTEM GESELLSCHAFT
MBH, DE
[22] 2000-09-01
[43] 2001-03-03
[30] DE (199 41 928.0) 1999-09-03

[21] **2,317,229**
[13] A1
[51] **Int.Cl. 7G01L 9/08**
[25] EN
[54] **QUARTZ PRESSURE SENSOR**
[54] **CAPTEUR DE PRESSION A**
QUARTZ
[72] DENNIS, JOHN R., US
[71] HALLIBURTON ENERGY
SERVICES, INC., US
[22] 2000-09-01
[43] 2001-03-02
[30] US (09/389,654) 1999-09-02

[21] **2,317,230**
[13] A1
[51] **Int.Cl. 7B41J 2/045 7B41J 2/05**
[25] EN
[54] **LIQUID DISCHARGE METHOD,**
LIQUID DISCHARGE HEAD, LIQUID
DISCHARGE APPARATUS, AND
METHOD FOR MANUFACTURING
LIQUID DISCHARGE HEAD
[54] **METHODE DE REJET LIQUIDE,**
TETE DE REJET LIQUIDE, APPAREIL
DE REJET LIQUIDE, ET METHODE DE
FABRICATION DE TETE DE REJET
LIQUIDE
[72] IKEDA, MASAMI, JP
[72] TAKENOUCI, MASANORI, JP
[72] SUGITANI, HIROSHI, JP
[72] KUDO, KIYOMITSU, JP
[72] KUBOTA, MASAHIKO, JP
[72] INOUE, RYOJI, JP
[72] SAITO, TAKASHI, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2000-09-01
[43] 2001-03-03
[30] JP (11-250935) 1999-09-03
[30] JP (2000-037125) 2000-02-15

[21] **2,317,231**
[13] A1
[51] **Int.Cl. 7G10L 15/06**
[25] EN
[54] **PROCESS FOR IMPLEMENTING A**
SPEECH RECOGNIZER, THE
RELATED RECOGNIZER AND
PROCESS FOR SPEECH
RECOGNITION
[54] **PROCESSUS DE MISE EN OEUVRE**
D'UN RECONNAISSEUR DE PAROLE
AINSI QUE RECONNAISSEUR DE
PAROLE ET PROCESSUS DE
RECONNAISSANCE DE LA PAROLE
ASSOCIES
[72] FRASCA, ALESSANDRA, IT
[72] MICCA, GIORGIO, IT
[72] PALME, ENRICO, IT
[71] CSELT - CENTRO STUDI E
LABORATORI TELECOMUNICAZIONI
S.P.A., IT
[22] 2000-09-01
[43] 2001-03-02
[30] IT (TO 99 A 000 734) 1999-09-02

[21] **2,317,239**
[13] A1
[51] **Int.Cl. 7B05D 1/38 7B05D 3/02 7B05D**
7/24
[25] EN
[54] **METHOD FOR APPLYING A LOW**
FRICITION COATING
[54] **METHODE POUR APPLIQUER UN**
RETEVEMENT A FAIBLE
COEFFICIENT DE FROTTEMENT
[72] HICKEY, JOHN L., US
[71] DANA CORPORATION, US
[22] 2000-08-30
[43] 2001-02-28
[30] US (60/151,783) 1999-08-31

[21] **2,317,243**
[13] A1
[51] **Int.Cl. 7A01D 34/82**
[25] EN
[54] **DETACHABLE GRASS**
THATCHER
[54] **DECHAUMEUSE AMOVIBLE**
[72] ZIMMER, MONTY, CA
[71] ZIMMER, MONTY, CA
[22] 2000-08-31
[43] 2001-03-01
[30] US (09/387,891) 1999-09-01

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[21] **2,317,248**
[13] A1

[51] **Int.Cl. 7C21C 7/00 7C21B 13/00 7C22B 9/00 7F27D 7/06**
[25] EN
[54] **EQUIPMENT FOR THE TREATMENT OF LIQUIDS**
[54] **EQUIPEMENT POUR LE TRAITEMENT DE LIQUIDES**
[72] STEEN, IDAR, NO
[72] STRAND, PER GUNNAR, NO
[72] MYRBOSTAD, ERLING, NO
[72] VENAS, KARL, NO
[72] SKARET, PAL CHRISTIAN, NO
[71] NORSK HYDRO ASA, NO
[22] 2000-08-30
[43] 2001-03-03
[30] NO (19994308) 1999-09-03

[21] **2,317,249**
[13] A1

[51] **Int.Cl. 7C22C 21/02**
[25] EN
[54] **ALUMINUM DIE-CAST MATERIALS FOR BOATS**
[54] **MATERIAUX D'ALUMINIUM MOULE SOUS PRESSION POUR BATEAUX**
[72] MATSUDA, YOSHIYUKI, JP
[72] MURATA, HIROYUKI, JP
[72] TAKASAKI, NORIMASA, JP
[72] ISHIZAKA, NOBUHIRO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-30
[43] 2001-03-03
[30] JP (11-250939) 1999-09-03

[21] **2,317,251**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G07F 19/00 7H04L 12/16**
[25] EN
[54] **ELECTRONIC BILLING WITH UPDATEABLE ELECTRONIC BILL SUMMARY**
[54] **FACTURATION ELECTRONIQUE PERMETTANT DE METTRE A JOUR LE RESUME DES FACTURES**
[72] HOBDAY, KENNETH, US
[72] GANESAN, RAVI, US
[71] CHECKFREE SERVICES CORPORATION, US
[22] 2000-08-31
[43] 2001-03-01
[30] US (09/387,764) 1999-09-01

[21] **2,317,255**
[13] A1

[51] **Int.Cl. 7H04J 14/02 7G02B 27/10**
[25] EN
[54] **MULTICHANNEL OPTICAL SPECTRUM SLICER AND METHOD OF MEASURING MODAL BIREFRINGENCE AND/OR POLARIZATION MODE DISPERSION OF SLICER ITSELF**
[54] **DISPOSITIF DE DECOUPAGE DE SPECTRE OPTIQUE MULTICANAL ET METHODE DE MESURE DE LA BIREFRINGENCE MODALE ET/OU DE LA DISPERSION DE MODE DE POLARISATION DU DECOUPEUR LUMINEUX**
[72] OHTSUKA, YOSHIHIRO, JP
[71] MORITEX CORPORATION, JP
[22] 2000-08-29
[43] 2001-03-03
[30] JP (250,742/1999) 1999-09-03

[21] **2,317,256**
[13] A1

[51] **Int.Cl. 7B60B 21/00**
[25] EN
[54] **STRUCTURE OF MOTOR VEHICLE WHEEL**
[54] **STRUCTURE DE ROUE DE VEHICULE AUTOMOBILE**
[72] HANDA, AKIO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-30
[43] 2001-03-03
[30] JP (HEI-11-250968) 1999-09-03

[21] **2,317,262**
[13] A1

[51] **Int.Cl. 7H04L 29/04**
[25] EN
[54] **CONSTRAINT-BASED ROUTE SELECTION USING BIASED COST**
[54] **SELECTION D'ACHEMINEMENT BASEE SUR LES CONTRAINTES ET FAISANT APPEL A UN COUT BIAISE**
[72] HSU, IVY P., US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-08-30
[43] 2001-02-28
[30] US (09/387,036) 1999-08-31

[21] **2,317,266**
[13] A1

[51] **Int.Cl. 7H01B 7/17 7H01B 13/22**
[25] EN
[54] **ELECTRICAL CABLE WITH SELF-REPAIRING PROTECTION AND APPARATUS FOR MANUFACTURING THE SAME**
[54] **CABLE ELECTRIQUE AVEC PROTECTION AUTOREPARABLE ET APPAREIL DE FABRICATION CONNEXE**
[72] POZZATI, GIOVANNI, FR
[72] BELLI, SERGIO, IT
[72] MAUNDER, ANDREW L., US
[72] DELL'ANNA, GAIA, IT
[72] BAREGGI, ALBERTO, IT
[72] BALCONI, LUCA, IT
[71] PIRELLI CAVI E SISTEMI S.P.A., IT
[22] 2000-08-29
[43] 2001-02-28
[30] EP (99 117013.5) 1999-08-30

[21] **2,317,271**
[13] A1

[51] **Int.Cl. 7H01H 71/00**
[25] EN
[54] **PORTABLE LATCH**
[54] **LOQUET PORTATIF**
[72] JENKINS, WALTER O., US
[71] EATON CORPORATION, US
[22] 2000-08-30
[43] 2001-03-02
[30] US (09/389,671) 1999-09-02

[21] **2,317,273**
[13] A1

[51] **Int.Cl. 7B42F 13/36 7B42F 13/26**
[25] EN
[54] **RING LOCK FOR ALBUM OR BINDER**
[54] **VERROU D'ANNEAUX D'ALBUM OU DE CLASSEUR**
[72] WILLIAMS, RANDALL DALE, US
[71] INTERCRAFT COMPANY, US
[22] 2000-08-30
[43] 2001-03-02
[30] US (09/388,977) 1999-09-02

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[21] **2,317,275**
[13] A1
[51] **Int.Cl. 7C23C 22/07 7B32B 15/04 7C23F 11/10**
[25] EN
[54] **COATING STRUCTURE HAVING CORROSION RESISTANCE**
[54] **STRUCTURE DE REVETEMENT RESISTANTE A LA CORROSION**
[72] MATSUDA, YOSHIYUKI, JP
[72] TAKEMURA, MORIHIRO, JP
[72] MURATA, HIROYUKI, JP
[72] TAKASAKI, NORIMASA, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2000-08-30
[43] 2001-03-03
[30] JP (11-250938) 1999-09-03

[21] **2,317,281**
[13] A1
[51] **Int.Cl. 7B32B 3/08 7B32B 21/02**
[25] EN
[54] **HOT-MOLDABLE LAMINATED SHEET**
[54] **FEUILLE STRATIFIEE MOULABLE A CHAUD**
[72] PLUG, JOHANNES PETRUS
MARINUS, NL
[71] TRESPA INTERNATIONAL B.V., NL
[22] 2000-08-30
[43] 2001-02-28
[30] DE (199 41 300.2) 1999-08-31

[21] **2,317,282**
[13] A1
[51] **Int.Cl. 7E21B 17/02 7F16L 37/113**
[25] EN
[54] **RELEASABLE CONNECTOR**
[54] **CONNECTEUR LARGABLE**
[72] BAKKE, STIG, NO
[71] BAKKE TECHNOLOGY AS, NO
[22] 2000-08-29
[43] 2001-02-28
[30] NO (19994188) 1999-08-30

[21] **2,317,284**
[13] A1
[51] **Int.Cl. 7C07C 211/63 7C07C 391/00 7C07C 227/08 7C07C 229/12 7C07C 381/12 7C07F 9/54 7C07F 9/72 7C07F 9/90**
[25] EN
[54] **STABLE (CF3)2N-SALTS AND PROCESS FOR PREPARING THEM**
[54] **SELS STABLES CONTENANT L'ANION (CF3)2N- ET PROCESSUS DE PREPARATION**
[72] KUCHERYNA, ANDRIJ, DE
[72] IGNATYEV, NIKOLAI, DE
[72] SARTORI, PETER, DE
[72] SCHMIDT, MICHAEL, DE
[72] HEIDER, UDO, DE
[71] MERCK PATENT GESELLSCHAFT
MIT BESCHRANKTER HAFTUNG, DE
[22] 2000-08-30
[43] 2001-03-01
[30] DE (199 41 566.8) 1999-09-01

[21] **2,317,285**
[13] A1
[51] **Int.Cl. 7C08J 5/18 7C08F 22/00 7C08F 20/12 7C08F 20/28 7C08F 20/44 7C08F 2/48 7C08G 18/81**
[25] EN
[54] **PHOTOCURABLE RESIN COMPOUND AND METHOD OF CURING THE SAME**
[54] **COMPOSE A RESINE PHOTODURCISSABLE ET METHODE POUR FAIRE DURCIR CELUI-CI**
[72] NONAKA, SHINICHI, JP
[72] TOMIYAMA, TAKASHI, JP
[72] MOTOMIYA, SHIGERU, JP
[71] DAINIPPON INK AND CHEMICALS, INC., JP
[22] 2000-08-29
[43] 2001-02-28
[30] JP (11-245172) 1999-08-31

[21] **2,317,287**
[13] A1
[51] **Int.Cl. 7G06F 3/033 7G01P 13/00**
[25] EN
[54] **MOUSE OPTICAL SAMPLING SCHEME**
[54] **SYSTEME D'ECHANTILLONNAGE OPTIQUE POUR SOURIS**
[72] GIBSON, GREG S., US
[71] MICROSOFT CORPORATION, US
[22] 2000-08-31
[43] 2001-03-01
[30] US (09/388,050) 1999-09-01

[21] **2,317,288**
[13] A1
[51] **Int.Cl. 7B61D 47/00 7B62D 53/08**
[25] EN
[54] **TRACTOR AND SYSTEM FOR UNLOADING TRAILERS FROM RAILCARS**
[54] **TRACTEUR ET SYSTEME DE DECHARGEMENT DE REMORQUES DE WAGONS**
[72] LAMB, HENRY, US
[72] HALVERSON, MERLIN B., US
[71] KALMAR INDUSTRIES USA, INC., US
[22] 2000-08-31
[43] 2001-02-28
[30] US (09/386,190) 1999-08-31

[21] **2,317,289**
[13] A1
[51] **Int.Cl. 7C22B 3/26 7C22B 15/00 7C22B 19/00 7C22B 23/00 7C22B 3/02 7C22B 60/02 7C22B 3/04 7C22B 3/20**
[25] EN
[54] **A MODULAR SOLVENT EXTRACTION PLANT AND METHOD FOR MAKING AND USING SUCH A PLANT**
[54] **INSTALLATION MODULAIRE D'EXTRACTION AU SOLVANT ET METHODE DE FABRICATION ET D'UTILISATION D'UNE TELLE INSTALLATION**
[72] CUSACK, ROGER, US
[72] NEUMAN, MARK, US
[72] MCLOUGHLIN, KEVIN, US
[71] KOCH-GLITSCH, INC., US
[22] 2000-09-01
[43] 2001-03-03
[30] US (09/390,597) 1999-09-03

[21] **2,317,294**
[13] A1
[51] **Int.Cl. 7G01F 11/06**
[25] EN
[54] **PUMP DISPENSER**
[54] **DISTRIBUTRICE A POMPE**
[72] LONCZAK, JOHN, US
[72] FAUGHEY, MICHAEL, US
[71] MCNEIL-PPC, INC., US
[22] 2000-09-01
[43] 2001-03-01
[30] US (09/387,943) 1999-09-01

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[21] **2,317,300**
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/04**
[25] EN
[54] **FUEL CELL STACK**
[54] **COLONNE DE PILE A COMBUSTIBLE**
[72] USHIO, TAKESHI, JP
[72] OSAO, NORIAKI, JP
[72] SUGITA, NARUTOSHI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-31
[43] 2001-03-01
[30] JP (11-247790) 1999-09-01
[30] JP (11-249830) 1999-09-03
[30] JP (2000-227413) 2000-07-27

[21] **2,317,303**
[13] A1

[51] **Int.Cl. 7H04N 5/77**
[25] EN
[54] **VIDEO RECORDING/REPRODUCING APPARATUS WITH TUNER**
[54] **APPAREIL D'ENREGISTREMENT/LECTURE VIDEO AVEC SYNTONISATEUR**
[72] SUNYOTO, CATUR HENRY, ID
[72] NISHIMURA, RYOZO, JP
[71] SANYO ELECTRIC CO., LTD., JP
[22] 2000-08-29
[43] 2001-02-28
[30] JP (11-243080) 1999-08-30

[21] **2,317,304**
[13] A1

[51] **Int.Cl. 7B01D 53/04**
[25] EN
[54] **BED RESTRAINT FOR AN ADSORBER**
[54] **DISPOSITIF DE RETENUE DE LIT POUR ADSORBEUR**
[72] ACKLEY, MARK WILLIAM, US
[72] SMOLAREK, JAMES, US
[72] NOWOBILSKI, JEFFERT JOHN, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-08-30
[43] 2001-03-01
[30] US (09/387,757) 1999-09-01

[21] **2,317,308**
[13] A1

[51] **Int.Cl. 7G02B 6/122**
[25] EN
[54] **AN OPTICAL WAVEGUIDE ELEMENT, A THREE-DIMENSIONAL OPTICAL WAVEGUIDE CIRCUIT AND AN OPTICAL SYSTEM**
[54] **ELEMENT DE GUIDE D'ONDE OPTIQUE, CIRCUIT OPTIQUE TRIDIMENSIONNEL ET SYSTEME OPTIQUE**
[72] MORITA, SHINZO, JP
[71] NAGOYA UNIVERSITY, JP
[22] 2000-08-29
[43] 2001-03-03
[30] JP (11-249,502) 1999-09-03
[30] JP (2000-165,421) 2000-06-02

[21] **2,317,309**
[13] A1

[51] **Int.Cl. 7G06F 17/20 7G06F 17/27 7G06F 17/60**
[25] EN
[54] **HISTORY-BASED DOCUMENT DIFFERENCING SHOWING NATURE OF DIFFERENCES**
[54] **COMPARAISON DE DOCUMENTS FONDES SUR L'HISTORIQUE ET INDIQUANT LA NATURE DES DIFFERENCES**
[72] SITES, RICHARD L., US
[72] PRAVETZ, JAMES D., US
[72] AYERS, ROBERT M., US
[71] ADOBE SYSTEMS INCORPORATED, US
[22] 2000-08-29
[43] 2001-03-02
[30] US (09/389,843) 1999-09-02

[21] **2,317,310**
[13] A1

[51] **Int.Cl. 7H05B 41/14**
[25] EN
[54] **CIRCUIT ARRANGEMENT FOR OPERATING AT LEAST ONE DISCHARGE LAMP**
[54] **CIRCUIT D'IONISATION FAISANT FONCTIONNER AU MOINS UNE LAMPE A DECHARGE**
[72] BUSSE, OLAF, DE
[72] KOEPL, RICHARD, DE
[72] GRABNER, MARTIN, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2000-08-29
[43] 2001-02-28
[30] DE (199 41 437.8) 1999-08-30

[21] **2,317,327**
[13] A1

[51] **Int.Cl. 7A47C 31/00 7A47C 21/00**
[25] EN
[54] **BED POCKET STORAGE SYSTEM**
[54] **POCHETTE DE RANGEMENT POUR LIT**
[72] COUTURE, LUC, CA
[71] COUTURE, LUC, CA
[22] 2000-09-05
[43] 2001-03-02
[30] CA (2,281,358) 1999-09-02
[30] US (60/183,633) 2000-02-18

[21] **2,317,330**
[13] A1

[51] **Int.Cl. 7B29C 33/62**
[25] EN
[54] **SEPARATING AGENT WHICH CAN BE USED FOR THE MANUFACTURE OF PRODUCTS IN THE FORM OF SLABS CONSISTING OF A GRANULATE OR PARTICLES OF STONE MATERIAL BONDED WITH A HARDENING RESIN**
[54] **AGENT DE SEPARATION POUVANT ETRE UTILISE POUR LA FABRICATION DE PRODUITS AYANT LA FORME DE DALLES, COMPOSES D'UN GRANULE OU DE PARTICULES D'UNE MATIERE PIERREUSE AGGLOMERE A L'AIDE D'UNE RESINE DE DURCISSEMENT**
[72] TONCELLI, LUCA, IT
[71] TONCELLI, LUCA, IT
[22] 2000-09-05
[43] 2001-03-03
[30] IT (TV99A000094) 1999-09-03

[21] **2,317,333**
[13] A1

[51] **Int.Cl. 7F23N 1/02 7F23L 7/00 7F23N 1/08 7F23D 14/58**
[25] EN
[54] **METHOD FOR CHANGING THE LENGTH OF A COHERENT JET**
[54] **METHODE PERMETTANT DE MODIFIER LA LONGUEUR D'UN JET COHERENT**
[72] MAHONEY, WILLIAM JOHN, US
[72] SARMA, BALU, US
[72] ANDERSON, JOHN ERLING, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-09-01
[43] 2001-03-02
[30] US (09/388,489) 1999-09-02

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February 25, 2001 - March 3, 2001

[21] **2,317,334**
[13] A1

[51] **Int.Cl. 7D06F 75/14**
[25] EN
[54] **IRON WITH IMPROVED HEEL REST AND SLIDING FILL DOOR**
[54] **FER A REPASSER COMPRENANT UN SUPPORT AMELIORE ET UNE OUVERTURE DE REMPLISSAGE COULISSANTE**
[72] MATTHEWS, MARK C., US
[72] VISH, RONALD J., US
[72] ROBERTS, BRUCE R., US
[72] PERKO, STACIE L., US
[71] SUNBEAM PRODUCTS, INC., US
[22] 2000-09-01
[43] 2001-03-02
[30] US (09/388,676) 1999-09-02

[21] **2,317,335**
[13] A1

[51] **Int.Cl. 7F16H 48/12**
[25] EN
[54] **DIFFERENTIAL MECHANISM**
[54] **MECANISME DIFFERENTIEL**
[72] INOUE, KAZUSHIRO, JP
[72] NOGUCHI, SATORU, JP
[72] SEKI, BUNZO, JP
[72] SENDA, AKIO, JP
[72] HANDA, AKIO, JP
[72] HIGASHI, YASUHIRO, JP
[71] F.C.C. CO. LTD., JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-09-01
[43] 2001-03-02
[30] JP (11-249215) 1999-09-02

[21] **2,317,351**
[13] A1

[51] **Int.Cl. 7C09C 1/50 7B01J 21/18**
[25] EN
[54] **FURNACE CARBON BLACK, PROCESS FOR ITS PRODUCTION AND ITS USE**
[54] **NOIR AU FOUR, PROCEDE POUR SA PRODUCTION ET SON UTILISATION**
[72] BERGEMANN, KLAUS, DE
[72] VOGEL, KARL, DE
[72] VOGLER, CONNY, DE
[72] ALBERS, PETER, DE
[72] STARZ, KARL-ANTON, DE
[72] AUER, EMMANUEL, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[22] 2000-08-24
[43] 2001-02-27
[30] EP (99 116 930.1) 1999-08-27

[21] **2,317,352**
[13] A1

[51] **Int.Cl. 7G03G 13/20**
[25] EN
[54] **METHOD FOR PRINTING ON A THERMOPLASTIC MATERIAL**
[54] **METHODE D'IMPRESSION SUR MATERIAU THERMOPLASTIQUE**
[72] ZIMMER, MICHAEL, DE
[72] SCHULTHEIS, BERND, DE
[71] SCHOTT GLAS, DE
[22] 2000-09-05
[43] 2001-03-03
[30] DE (199 42 055.6-45) 1999-09-03

[21] **2,317,354**
[13] A1

[51] **Int.Cl. 7H01H 71/42**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH AN IMPROVED MAGNETICALLY-INDUCED AUTOMATIC TRIP ASSEMBLY**
[54] **COUPE-CIRCUIT DOTE D'UN MECANISME AMELIORE DE DECLenchement AUTOMATIQUE A INDUCTION MAGNETIQUE**
[72] HUMBERT, JOSEPH B., US
[72] MCNEIL, MICHAEL, US
[72] ZINDLER, MARK O., US
[72] PEIFER, JONATHAN M., US
[72] GUNDY, RAYMOND P., US
[72] HOOD, TERESA I., US
[71] EATON CORPORATION, US
[22] 2000-08-24
[43] 2001-02-27
[30] US (09/384,146) 1999-08-27

[21] **2,317,357**
[13] A1

[51] **Int.Cl. 7G07C 15/00 7G06F 17/60**
[25] EN
[54] **A METHOD OF AND SYSTEM FOR OPERATING GAMING MACHINES**
[54] **METHODE ET SYSTEME D'EXPLOITATION DE MACHINES DE JEU**
[72] DE BRUIN, ANDREAS CORNELIS, AU
[72] JONES, TREVOR SELWYN, AU
[72] WOLTER, MICHAEL JAMES, AU
[72] ALGIE, ROBERT JOHN, AU
[72] DORFER, HARALD, AU
[71] GOLDEN CASKET LOTTERY CORPORATION LIMITED, AU
[22] 2000-08-25
[43] 2001-02-27
[30] AU (PQ2518) 1999-08-27

[21] **2,317,366**
[13] A1

[51] **Int.Cl. 7B64C 1/12**
[25] EN
[54] **LARGE AREA STRUCTURAL COMPONENT FOR AN AIRCRAFT AND A METHOD OF MANUFACTURING THE SAME**
[54] **ELEMENT DE STRUCTURE A GRANDE SURFACE POUR AERONEF ET METHODE DE FABRICATION**
[72] GEDRAT, OLAF, DE
[72] BRODEN, GUENTER, DE
[72] BRENNEIS, HARTMUT, DE
[72] ZINK, WALTER, DE
[71] GEDRAT, OLAF, DE
[71] BRODEN, GUENTER, DE
[71] BRENNEIS, HARTMUT, DE
[71] ZINK, WALTER, DE
[22] 2000-09-05
[43] 2001-03-03
[30] DE (199 41 924.8) 1999-09-03
[30] DE (199 60 909.8) 1999-12-17

[21] **2,317,368**
[13] A1

[51] **Int.Cl. 7G01J 3/28 7G01J 3/45**
[25] EN
[54] **IMPROVED STEPPED ETALON**
[54] **ETALON ECHELONNE AMELIORE**
[72] O'BRIEN, STEPHEN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-25
[43] 2001-03-01
[30] US (09/388,345) 1999-09-01

[21] **2,317,370**
[13] A1

[51] **Int.Cl. 7B65G 47/244**
[25] EN
[54] **LUMBER TURNING TOOL**
[54] **OUTIL POUR TOURNER LE BOIS D'OEUVRE**
[72] TREMBLAY, BENOIT, CA
[71] TREMBLAY, BENOIT, CA
[22] 2000-09-05
[43] 2001-03-02
[30] CA (2,281,349) 1999-09-02

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[13] A1

[51] **Int.Cl. 7H01L 21/02 7C30B 5/00 7B01J 13/00**
[25] EN
[54] **PROCESS FOR FABRICATING ARTICLE HAVING SUBSTANTIAL THREE-DIMENSIONAL ORDER**
[54] **PROCESSUS DE FABRICATION D'UN ARTICLE AYANT UNE IMPORTANTE STRUCTURE TRIDIMENSIONNELLE**
[72] ZEHNER, ROBERT WAVERLY, US
[72] PATEL, SANJAY, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-08-25
[43] 2001-03-01
[30] US (09/388,166) 1999-09-01

[21] **2,317,618**
[13] A1

[51] **Int.Cl. 7F16H 57/02 7F16H 57/04**
[25] EN
[54] **BREATHER STRUCTURE FOR FINAL REDUCTION GEAR EQUIPPED WITH DIFFERENTIAL**
[54] **RENIFLARD D'ENGRENAGE DE REDUCTION FINALE EQUIPE D'UN DIFFERENTIEL**
[72] SENDA, AKIO, JP
[72] SEKI, BUNZO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-18
[43] 2001-03-02
[30] JP (HEI-11-249376) 1999-09-02

[21] **2,318,302**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **METHODS AND TRANSFORMATIONS FOR TRANSFORMING METADATA MODEL**
[54] **METHODES ET TRANSFORMATIONS S'APPLIQUANT A LA TRANSFORMATION D'UN MODELE DE METADONNEES**
[72] RASMUSSEN, GLENN D., CA
[71] COGNOS INCORPORATED, CA
[22] 2000-09-01
[43] 2001-03-03
[30] CA (2,281,331) 1999-09-03

[21] **2,317,378**
[13] A1

[51] **Int.Cl. 7H01H 71/12 7H01H 71/02**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH A TRIP MECHANISM HAVING IMPROVED SPRING BIASING**
[54] **COUPE-CIRCUIT DOTE D'UN MECANISME DE DECLENCHEMENT A RESSORT DE POLARISATION AMELIORE**
[72] ZINDLER, MARK O., US
[72] HUMBERT, JOSEPH B., US
[71] EATON CORPORATION, US
[22] 2000-08-25
[43] 2001-02-27
[30] US (09/384,139) 1999-08-27

[21] **2,317,925**
[13] A1

[51] **Int.Cl. 7G01V 1/28**
[25] FR
[54] **METHODE POUR FORMER UN MODELE D'UNE FORMATION GEOLOGIQUE, CONTRAINT PAR DES DONNEES DYNAMIQUES ET STATIQUES**
[54] **METHOD FOR FORMING A MODEL OF A GEOLOGICAL FORMATION, CONSTRAINED BY DYNAMIC AND STATIC DATA**
[72] PIANELO, LAURENT, FR
[72] GUERILLOT, DOMINIQUE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 2000-08-30
[43] 2001-03-02
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[21] **2,317,379**
[13] A1

[51] **Int.Cl. 7H05K 7/02 7H04Q 7/32 7H04M 1/725**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF**
[72] MAKINO, MASAMI, JP
[72] MIYAKE, HIDEKI, JP
[71] SANYO ELECTRIC CO., LTD., JP
[22] 2000-08-25
[43] 2001-02-27
[30] JP (11-242162) 1999-08-27

[21] **2,318,296**
[13] A1

[51] **Int.Cl. 7C07D 239/60 7C07F 7/10 7C08G 77/388 7A61K 7/42**
[25] EN
[54] **NOVEL PYRIMIDINE-2,4,6-TRIONE COMPOUNDS**
[54] **NOUVELLES PYRIMIDINE-2,4,6-TRIONES**
[72] HUBER, ULRICH, CH
[71] F. HOFFMAN-LA ROCHE AG, CH
[22] 2000-09-01
[43] 2001-03-01
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[25] EN
[54] SYSTEM, METHOD AND COATING FOR STRAIN ANALYSIS
[54] SYSTEME, PROCEDE ET REVETEMENT POUR ANALYSER LA CONTRAINTE
[72] EL-RATAL, WISSAM, US
[72] BRENNAN, ANTHONY B., US
[72] JENKINS, DAVID A., US
[72] IFJU, PETER, US
[72] SCHANZE, KIRK S., US
[72] CARROLL, BRUCE, US
[72] WANG, YINGSHENG, US
[72] HUBNER, JAMES, US
[72] SHEN, YIBLING, US
[72] HE, LIU, US
[71] UNIVERSITY OF FLORIDA, US
[85] 2000-08-23
[86] 1999-10-21 (PCT/US99/24640)
[87] 2001-02-06 ()
[30] US (09/370,519) 1999-08-06

[21] **2,324,426**
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[51] Int.Cl. 7A61K 31/19 7A61P 11/00
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[25] EN
[54] COMPOSITIONS AND METHODS FOR THE TREATMENT OF CYSTIC FIBROSIS
[54] COMPOSITIONS ET TECHNIQUES DE TRAITEMENT DE LA MUCOVISCIDOSE
[72] PERRINE, SUSAN P., US
[72] STAMATOYANNOPOULOS, GEORGE, US
[72] FALLER, DOUGLAS V., US
[71] PERRINE, SUSAN P., US
[71] STAMATOYANNOPOULOS, GEORGE, US
[71] FALLER, DOUGLAS V., US
[85] 2000-09-29
[86] 1999-02-11 (PCT/US99/03014)
[87] 1999-08-19 (WO99/40883)
[30] US (60/074,304) 1998-02-11

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[13] A1
[51] Int.Cl. 6A01N 43/04 6C07H 19/00
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[25] EN
[54] METHOD AND COMPOSITIONS FOR PROMOTION OF WOUND HEALING
[54] PROCEDE ET COMPOSITIONS FAVORISANT LA CICATRISATION
[72] RUDOLPH, FREDERICK B., US
[72] KULKARNI, ANIL D., US
[72] VANBUREN, CHARLES T., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] WILLIAM MARSH RICE UNIVERSITY, US
[85] 2000-09-21
[86] 1999-01-22 (PCT/US99/01427)
[87] 1999-07-29 (WO99/37151)
[30] US (09/012,367) 1998-01-23

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[13] A1
[51] Int.Cl. 7A61K 38/29
[25] EN
[54] METHOD OF INCREASING BONE TOUGHNESS AND STIFFNESS AND REDUCING FRACTURES
[54] PROCEDE PERMETTANT D'AUGMENTER LA SOLIDITE ET LA RIGIDITE OSSEUSE ET DE REDUIRE L'INCIDENCE OU LA GRAVITE D'UNE FRACTURE
[72] HOCK, JANET M., US
[71] ELI LILLY AND COMPANY, US
[85] 2000-09-21
[86] 1999-08-19 (PCT/US99/18961)
[87] 2000-03-02 (WO00/10596)
[30] US (60/097,151) 1998-08-19
[30] US (60/099,746) 1998-09-10

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[13] A1
[51] Int.Cl. 7G01N 25/04 7G01N 33/02
7G01N 33/15
[25] EN
[54] METHOD FOR MEASURING THE GERONTOLOGICAL VALUE OF BIO-ACTIVE SUBSTANCES AND COMPOSITIONS, MAINLY FOOFSTUFFS AND COSMETICS
[54] METHODE POUR MESURER LA VALEUR GERONTOLOGIQUE DE SUBSTANCES ET DE COMPOSITIONS BIO-ACTIVES, SURTOUT DES PRODUITS ALIMENTAIRES ET COSMETIQUES
[72] GLADYSHEV, GEORGI PAVLOVICH, RU
[71] GLADYSHEV, GEORGI PAVLOVICH, RU
[85] 2000-10-05
[86] 1999-11-10 (PCT/RU99/00427)
[87] 2000-12-29 ()
[30] RU (99113636) 1999-06-29

[21] **2,328,447**
[13] A1
[51] Int.Cl. 6C12N 15/86 6A61K 48/00
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[25] EN
[54] ADENO-ASSOCIATED VIRUS VECTORS AND USES THEREOF
[54] VECTEURS DE VIRUS ADENO-ASSOCIES ET LEURS UTILISATIONS
[72] ENGELHARDT, JOHN, F., US
[72] DUAN, DONGSHENG, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2000-11-17
[86] 1999-05-20 (PCT/US99/11197)
[87] 1999-11-25 (WO99/60146)
[30] US (60/086,166) 1998-05-20
[30] US (09/276,625) 1999-03-25

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[13] A1
[51] **Int.Cl. 6C12N 15/10 6C12N 15/62 6C12Q 1/68 6C12N 15/86**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR SCREENING FOR MODULATORS OF IGE SYNTHESIS, SECRETION AND SWITCH REARRANGEMENT**
[54] **PROCEDES ET COMPOSITIONS SERVANT AU CRIBLAGE DE MODULATEURS DE SYNTHESE, DE SECRETION ET DE REMANIEMENT DE COMMUTATION DE CLASSE POUR L'IGE**
[72] FOX, BRYAN, US
[72] ARMSTRONG, RANDALL, US
[72] SWIFT, SUSAN E., US
[72] FERRICK, DAVID A., US
[71] RIGEL PHARMACEUTICALS, INC., US
[85] 2000-11-08
[86] 1999-05-12 (PCT/US99/10497)
[87] 1999-11-18 (WO99/58663)
[30] US (09/076,624) 1998-05-12

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[13] A1
[51] **Int.Cl. 6A61K 39/02 6C12N 5/00 6C12N 5/02 6C12P 21/04 6C12N 5/06 6A61K 39/108 6A61K 39/395 6A61K 39/40**
[25] EN
[54] **HUMANIZED ANTIBODIES THAT RECOGNIZE VEROTOXIN II AND CELL LINE PRODUCING SAME**
[54] **ANTICORPS HUMANISES RECONNAISSANT LA VEROTOXINE II ET LIGNEE CELLULAIRE PRODUISANT CETTE DERNIERE**
[72] VASQUES, MAXIMILIANO, US
[72] CO, MAN SUNG, US
[72] MATSUMOTO, YOH-ICHI, JP
[72] TAKEDO, TAE, JP
[72] KIMURA, TSUYOSHI, JP
[72] IMAIZUMI, ATSUCHI, JP
[71] TEIJIN LIMITED, JP
[71] PROTEIN DESIGN LABS, INC., US
[85] 2000-11-07
[86] 1999-05-19 (PCT/US99/11179)
[87] 1999-11-25 (WO99/59629)
[30] US (60/086,570) 1998-05-20

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[13] A1
[51] **Int.Cl. 6C12N 15/09 6C07K 19/00 6C12P 21/02 6C12N 5/10 6C12N 15/62**
[25] EN
[54] **FUSED PROTEIN**
[54] **PROTEINE FUSIONNEE**
[72] SUDO, YUKIO, JP
[72] YAMAMOTO, MASAYOSHI, JP
[72] TAKESHITA, YUMIKO, JP
[72] ORIKASA, ATSUSHI, JP
[72] INOMATA, HIROKO, JP
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2000-11-10
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[87] 1999-11-18 (WO99/58662)
[30] JP (10/132389) 1998-05-14

[21] **2,328,493**
[13] A1
[51] **Int.Cl. 6C12N 15/12 6A01H 5/00 6A61K 38/36 6C12N 15/82**
[25] EN
[54] **TRANSGENIC PLANT-DERIVED HUMAN BLOOD COAGULATION FACTORS**
[54] **FACTEURS DE COAGULATION DU SANG HUMAIN DERIVES DE PLANTES TRANSGENIQUES**
[72] DAI, ZIYU, US
[72] GAO, JIANWEI, US
[72] HOOKER, BRIAN S., US
[72] ANDERSON, DANIEL B., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2000-11-10
[86] 1999-05-14 (PCT/US99/10732)
[87] 1999-11-18 (WO99/58699)
[30] US (09/080,003) 1998-05-14
[30] US (09/306,847) 1999-05-06

[21] **2,328,590**
[13] A1
[51] **Int.Cl. 6C12N 15/82 6A01N 65/00 6C12N 15/29 6C07K 14/415**
[25] FR
[54] **UTILISATION D'UN POLYPEPTIDE DERIVE D'UNE ALBUMINE PA1B DE LEGUMINEUSE COMME INSECTICIDE**
[54] **USE OF A POLYPEPTIDE DERIVED FROM A PA1B LEGUME ALBUMEN AS INSECTICIDE**
[72] MBAILAO, MBAIGUINAM, TD
[72] FERRASSON, ERIC, FR
[72] GRENIER, ANNIE, FR
[72] GUEGUEN, JACQUES, FR
[72] DELOBEL, BERNARD, FR
[71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE LYON, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA), FR
[85] 2000-11-09
[86] 1999-05-07 (PCT/FR99/01085)
[87] 1999-11-18 (WO99/58695)
[30] FR (98/05877) 1998-05-11

[21] **2,328,591**
[13] A1
[51] **Int.Cl. 6C12N 5/00 6C12N 15/00**
[25] EN
[54] **IRAK MODIFIED TRANSGENIC ANIMALS**
[54] **ANIMAUX TRANSGENIQUES PORTEURS D'UN GENE IRAK MODIFIE**
[72] LEUNG, WAI-PING, US
[72] HARRIS, CRAFFORD A., US
[72] PETERSON, PER A., US
[72] SIEKIERKA, JOHN J., US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2000-11-15
[86] 1999-05-13 (PCT/US99/10431)
[87] 1999-11-25 (WO99/60100)
[30] US (60/085,570) 1998-05-15

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[13] A1
[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 7/01 6G01N 33/50**
[25] EN
[54] **MUTANT HERPES SIMPLEX VIRUSES AND USES THEREOF**
[54] **VIRUS DE L'HERPES SIMPLEX MUTANTS ET LEURS UTILISATIONS**
[72] COFFIN, ROBERT STUART, GB
[72] LATCHMAN, DAVID SEYMOUR, GB
[71] BIOVEX LIMITED, GB
[85] 2000-11-16
[86] 1999-05-20 (PCT/GB99/01598)
[87] 1999-11-25 (WO99/60145)
[30] GB (9810904.4) 1998-05-20

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[13] A1
[51] **Int.Cl. 6C12N 15/87 6C12N 7/04 6C12N 15/10 6A61K 47/48 6C12N 15/86**
[25] EN
[54] **DISPLAY OF VIRAL PROTEINS AS LIGANDS FOR CELL-SURFACE RECEPTOR**
[54] **PRESENTATION DE PROTEINES VIRALES UTILISEES EN TANT QUE LIGANDS SUSCEPTIBLES DE SE LIER A RECEPTEUR DE SURFACE CELLULAIRE**
[72] VAN ES, HELMUTH, NL
[71] INTROGENE B.V., NL
[85] 2000-11-20
[86] 1999-05-20 (PCT/NL99/00311)
[87] 1999-11-25 (WO99/60148)
[30] EP (98201678.4) 1998-05-20

[21] **2,328,974**
[13] A1
[51] **Int.Cl. 6B60R 13/02**
[25] EN
[54] **VEHICLE HEADLINER COMPRISED OF A THERMOFORMABLE THERMOPLASTIC FOAM SHEET**
[54] **GARNITURE DE PAVILLON AUTOMOBILE COMPRENANT UNE FEUILLE DE MOUSSE THERMOPLASTIQUE THERMOFORMABLE**
[72] SUH, KYUNG W., US
[72] SCHAFFER, WILLIAM J., US
[72] CHRISTENSON, CHRISTOPHER P., US
[72] LORENZO, LUIS, US
[72] GANDHE, GAJANAN V., US
[72] PARK, CHUNG P., DE
[72] MCGEE, ROBERT L., US
[72] CORNELL, MARTIN C., US
[72] TUSIM, MARTIN H., US
[71] THE DOW CHEMICAL COMPANY, US
[85] 2000-10-16
[86] 1999-04-29 (PCT/US99/09304)
[87] 1999-12-02 (WO99/61283)
[30] US (60/086,944) 1998-05-27
[30] US (60/089,058) 1998-06-12

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[13] A1
[51] **Int.Cl. 6A61K 31/40 6C07D 209/04 6C07D 401/04 6C07D 231/10 6C07D 209/12 6C07D 231/12 6C07D 211/18 6C07D 211/26 6C07D 211/28 6C07D 207/30 6C07D 211/32 6C07D 207/333 6C07D 211/40 6A61K 31/415 6A61K 31/445 6C07D 233/54 6C07D 233/64**
[25] EN
[54] **HIV INTEGRASE INHIBITORS**
[54] **INHIBITEURS DE VIH INTEGRASE**
[72] CLARK, DAVID L., US
[72] HAZUDA, DARIA JEAN, US
[72] EGBERTSON, MELISSA, US
[72] WAI, JOHN S., US
[72] MEDINA, JULIO C., US
[72] GUARE, JAMES P., JR., US
[72] SELNICK, HAROLD G., US
[72] YOUNG, STEVEN D., US
[71] MERCK & CO., INC., US
[71] TULARIK, INC., US
[85] 2000-11-30
[86] 1999-06-01 (PCT/US99/12095)
[87] 1999-12-09 (WO99/62513)
[30] US (60/087,845) 1998-06-03
[30] GB (9814930.5) 1998-07-09

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[13] A1
[51] **Int.Cl. 6C12Q 1/66 6C12N 15/00 6C07H 21/04 6C12P 19/34 6C12N 15/64 6C12Q 1/68 6C12Q 1/70 6C12N 15/85**
[25] EN
[54] **MEANS AND METHODS FOR MONITORING NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR ANTIRETROVIRAL THERAPY**
[54] **PROCEDES ET MOYENS DE SURVEILLANCE DE THERAPIE ANTIRETROVIRALE DES INHIBITEURS DE TRANSCRIPTASE INVERSE DES NON-NUCLEOSIDES**
[72] WHITCOMB, JEANETTE, US
[71] VIROLOGIC, INC., US
[85] 2000-11-24
[86] 1999-05-26 (PCT/US99/11629)
[87] 1999-12-02 (WO99/61658)
[30] US (09/085,148) 1998-05-26
[30] US (60/124,090) 1999-03-12

[21] **2,329,259**
[13] A1
[51] **Int.Cl. 6C12N 15/54 6A61K 48/00 6A61K 51/00 6C12N 15/60**
[25] EN
[54] **CONVECTION-ENHANCED DELIVERY OF AAV VECTORS**
[54] **APPORT AMELIORE PAR LA CONVECTION DE VECTEURS VIRAUX ADENO-ASSOCIES (AAV)**
[72] BANKIEWICZ, KRYS, US
[72] CUNNINGHAM, JANET, US
[72] EBERLING, JAMIE L., US
[71] AVIGEN, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2000-11-23
[86] 1999-05-26 (PCT/US99/11687)
[87] 1999-12-02 (WO99/61066)
[30] US (60/086,949) 1998-05-27
[30] US (60/134,748) 1999-05-18

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[13] A1

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[25] EN
[54] **SUSCEPTIBILITY TO PSORIASIS**
[54] **DEPISTAGE D'UNE PREDISPOSITION AU PSORIASIS**
[72] BARKER, JONATHAN NICHOLAS
WILLIAM NOEL, GB
[72] TREMBATH, RICHARD CHARLES, GB
[71] THE UNIVERSITY OF LEICESTER, GB
[71] KINGS COLLEGE LONDON, GB
[85] 2000-11-23
[86] 2000-03-27 (PCT/GB00/01152)
[87] 2000-10-05 (WO00/58506)
[30] GB (9906993.2) 1999-03-26

[21] **2,329,264**
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 39/106 6C07K 16/12 6A61K 38/16 6C07K 14/205 6C12N 1/21 6C07K 14/34 6A61K 39/40 6C12N 15/62**
[25] EN
[54] **NOVEL ANTIGENS OF HELICOBACTER PYLORI**
[54] **NOUVEAUX ANTIGENES D'HELIOBACTER PYLORI**
[72] FISKE, MICHAEL JAMES, US
[72] DILTS, DEBORAH ANN, US
[72] FULGINITI, JAMES PETER, US
[71] AMERICAN CYANAMID COMPANY, US
[85] 2000-11-22
[86] 1999-06-25 (PCT/US99/14375)
[87] 2000-01-06 (WO00/00614)
[30] US (60/090,851) 1998-06-26

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[13] A1

[51] **Int.Cl. 6C12N 9/00 6C12N 15/11 6A61K 38/17 6C07K 16/40 6C07K 14/47 6C12Q 1/48 6C12Q 1/68**
[25] EN
[54] **A METHOD OF MODULATING THE EFFICIENCY OF TRANSLATION TERMINATION AND DEGRADATION OF ABERRANT MRNA INVOLVING A SURVEILLANCE COMPLEX COMPRISING HUMAN UPF1P, EUKARYOTIC RELEASE FACTOR 1 AND EUKARYOTIC RELEASE FACTOR 3**
[54] **PROCEDE DE MODULATION DE L'EFFICIENCE DE TERMINAISON DE TRANSLATION ET DE LA DEGRADATION DE L'ARNM ABERRANT FAISANT INTERVENIR UN COMPLEXE DE SURVEILLANCE COMPRENANT LA PROTEINE HUMAINE UPF1P, LE FACTEUR 1 ET LE FACTEUR 3 DE LIBERATION EUKARYOTE**
[72] CZAPLINSKI, KEVIN, US
[72] WENG, YOU MIN, US
[72] PELTZ, STUART, US
[71] UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY, US
[85] 2000-11-28
[86] 1999-05-27 (PCT/US99/11826)
[87] 1999-12-02 (WO99/61600)
[30] US (09/086,260) 1998-05-28

[21] **2,329,269**
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 48/00 6A61K 39/095 6C07K 16/12 6C12N 1/21 6C07K 14/22 6A61K 39/40 6G01N 33/53 6G01N 33/569**
[25] EN
[54] **NEISSERIA MENINGITIDIS ANTIGENIC POLYPEPTIDES, CORRESPONDING POLYNUCLEOTIDES AND PROTECTIVE ANTIBODIES**
[54] **POLYPEPTIDES ANTIGENIQUES NEISSERIA MENINGITIDIS, POLYNUCLEOTIDES CORRESPONDANTS ET ANTICORPS PROTECTEURS**
[72] RUELLE, JEAN-LOUIS, BE
[72] TOMMASSEN, JOHANNES PETRUS MARIA, NL
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE
[71] UNIVERSITY OF UTRECHT, NL
[85] 2000-11-24
[86] 1999-05-26 (PCT/EP99/03603)
[87] 1999-12-02 (WO99/61620)
[30] GB (9811260.0) 1998-05-26

[21] **2,329,270**
[13] A1

[51] **Int.Cl. 6C12N 15/87 6A61K 48/00 6C12N 7/04 6C07K 14/075 6C12N 15/10 6C07K 14/15 6C07K 16/18 6C12N 15/86**
[25] EN
[54] **TARGETED DELIVERY THROUGH A CATIONIC AMINO ACID TRANSPORTER**
[54] **ADMINISTRATION CIBLEE AU MOYEN D'UN TRANSPORTEUR D'ACIDE AMINE CATIONIQUE**
[72] HAVENGA, MENZO, NL
[72] VAN ES, HELMUTH, NL
[72] VERLINDEN, STEFAN, NL
[71] INTROGENE B.V., NL
[85] 2000-11-17
[86] 1999-05-20 (PCT/NL99/00310)
[87] 1999-11-25 (WO99/60147)
[30] EP (98201693.3) 1998-05-20

[21] **2,329,317**
[13] A1

[51] **Int.Cl. 6E21B 34/12**
[25] EN
[54] **IMPROVED SURFACE CONTROLLED SUBSURFACE SAFETY VALVE DOWNSTOP SEAL**
[54] **JOINT AMELIORE D'ARRET PAR ABAISSEMENT POUR VALVE DE SECURITE DE SUBSURFACE**
[54] **COMMANDEE DEPUIS LA SURFACE**
[72] JOHNSTON, RUSSELL A., US
[71] CAMCO INTERNATIONAL INC., US
[85] 2000-10-19
[86] 1999-04-16 (PCT/US99/08412)
[87] 1999-10-28 (WO99/54589)
[30] US (60/082,383) 1998-04-20

[21] **2,329,506**
[13] A1

[51] **Int.Cl. 6C07H 21/04 6A61K 38/00 6C07K 5/00 6C07K 7/00 6C07K 16/00 6C07K 17/00 6C12P 21/08 6G01N 33/574 6C12Q 1/68**
[25] EN
[54] **ALG-2LP, ALG-2 LIKE MOLECULES AND USES THEREFOR**
[54] **MOLECULES DU TYPE ALG-2LP, ALG-2 ET UTILISATIONS DE CES DERNIERES**
[72] CURTIS, RORY A. J., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2000-11-21
[86] 1999-05-13 (PCT/US99/10581)
[87] 1999-12-02 (WO99/61459)
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[21] **2,329,509**
[13] A1
[51] Int.Cl. 6C12N 15/82 6A01H 5/00
6C12N 15/86
[25] EN
[54] **IMPROVED METHODS AND MATERIALS FOR TRANSFORMATION**
[54] **METHODES ET MATERIELS AMELIORES DE TRANSFORMATION**
[72] RASOCHOVA, LADA, US
[72] AHLQUIST, PAUL G., US
[72] GERMAN, THOMAS L., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2000-11-21
[86] 1999-05-21 (PCT/US99/11250)
[87] 1999-12-02 (WO99/61597)
[30] US (60/086,526) 1998-05-22

[21] **2,329,523**
[13] A1
[51] Int.Cl. 7G01N 33/68 7G01N 33/53
7G01N 33/537 7G01N 33/543
[25] EN
[54] **DIFFERENTIAL DIAGNOSIS OF NEURODEGENERATION**
[54] **DIAGNOSTIC DIFFERENTIEL DE LA NEURODEGENERESCENCE**
[72] VAN DE VOORDE, ANDRE, BE
[72] VANMECHELEN, EUGEN, BE
[72] VANDERSTICHELE, HUGO, BE
[71] INNOGENETICS N.V., BE
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[87] 2000-01-13 (WO00/02053)
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[30] EP (99870069.4) 1999-04-09

[21] **2,329,525**
[13] A1
[51] Int.Cl. 6C07K 14/045 6A61K 48/00
6C12N 15/85 6C12N 15/86
[25] EN
[54] **CYTOKINE RESISTANT CYTOMEGALOVIRUS PROMOTER MUTANTS AND RELATED PRODUCTS AND METHODS**
[54] **MUTANTS PROMOTEURS DE CYTOMEGALOVIRUS RESISTANTS A LA CYTOKINE**
[72] FREIMARK, BRUCE, US
[71] VALENTIS, INC., US
[85] 2000-11-24
[86] 1999-05-27 (PCT/US99/11817)
[87] 1999-12-02 (WO99/61472)
[30] US (60/087,044) 1998-05-27

[21] **2,329,527**
[13] A1
[51] Int.Cl. 6C12N 15/12 6C12N 5/10
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[25] EN
[54] **ENDOMETRIOSIS-ASSOCIATED GENE**
[54] **GENE ASSOCIE A L'ENDOMETRIOSE**
[72] KOTZIAN, SILVIA, DE
[72] STARZINSKI-POWITZ, ANNA, DE
[72] HANDROW-METZMACHER, HEIKE, DE
[71] STARZINSKI-POWITZ, ANNA, DE
[85] 2000-11-27
[86] 1999-05-28 (PCT/EP99/03716)
[87] 1999-12-09 (WO99/63079)
[30] DE (198 24 230.1) 1998-05-29

[21] **2,329,771**
[13] A1
[51] Int.Cl. 6C09C 1/28 6C09C 3/08
[25] EN
[54] **ADSORBED SURFACTANTS AND USES THEREFOR**
[54] **TENSIOACTIFS ADSORBES ET LEURS UTILISATIONS**
[72] ASHRAWI, SAMIR S., US
[72] SMITH, GEORGE A., US
[72] LEWIS, RONALD G., US
[71] HUNTSMAN PETROCHEMICAL CORPORATION, US
[85] 2000-10-25
[86] 1999-04-28 (PCT/US99/09201)
[87] 1999-11-11 (WO99/57203)
[30] US (60/083,895) 1998-05-01

[21] **2,329,774**
[13] A1
[51] Int.Cl. 6C12N 15/52 6C07D 493/00
6C07K 14/535
[25] EN
[54] **GENES FOR THE BIOSYNTHESIS OF EPOTHILONES**
[54] **GENES POUR LA BIOSYNTHESE D'EPOTHILONES**
[72] LIGON, JAMES MADISON, US
[72] SCHUPP, THOMAS, CH
[72] CYR, DEVON, US
[72] GORLACH, JORN, US
[72] ZIRKLE, ROSS, US
[72] MOLNAR, ISTVAN, US
[71] NOVARTIS AG, CH
[85] 2000-12-05
[86] 1999-06-16 (PCT/EP99/04171)
[87] 1999-12-23 (WO99/66028)
[30] US (09/099,504) 1998-06-18
[30] US (60/101,631) 1998-09-24
[30] US (60/118,906) 1999-02-05

[21] **2,329,775**
[13] A1
[51] Int.Cl. 6E21B 43/01
[25] EN
[54] **FLYING LEAD WORKOVER INTERFACE SYSTEM**
[54] **SYSTEME D'INTERFACE DE RECONDITIONNEMENT A CONDUCTEURS VOLANTS**
[72] WRITT, ROBERT J., US
[72] SKEELS, HAROLD B., US
[72] GOGGANS, TIMOTHY R., US
[72] LEWIS, STERLING F., NO
[71] FMC CORPORATION, US
[85] 2000-10-25
[86] 1999-06-30 (PCT/US99/14906)
[87] 2000-01-13 (WO00/01922)
[30] US (60/091,560) 1998-07-02

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[21] **2,329,796**
[13] A1

[51] **Int.Cl. 6A61L 15/34**
[25] EN
[54] **ABSORBENT ARTICLES HAVING A SKIN CARE COMPOSITION DISPOSED THEREON**
[54] **ARTICLES ABSORBANTS SUR LESQUELS ON A DEPOSE UNE COMPOSITION DE SOIN DE LA PEAU**
[72] HUBBARD, ROBERT MERLE, US
[72] BLANEY, TED LEE, US
[72] SHEEHAN, ASTRID ANNETTE, US
[72] URTEAGA, RAMON ANDRES, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 1999-04-30 (PCT/US99/09598)
[87] 1999-11-11 (WO99/56796)
[30] US (60/083,913) 1998-05-01

[21] **2,330,148**
[13] A1

[51] **Int.Cl. 6C08L 27/18 6C08J 5/18 6D01F 6/32 6D01F 6/48**
[25] EN
[54] **DYEABLE FLUOROPOLYMER FIBERS AND FILMS**
[54] **FIBRES ET FILMS DE FLUOROPOLYMERES APTES A LA TEINTURE**
[72] UY, WILLIAM CHENG, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-23
[86] 1999-05-26 (PCT/US99/11555)
[87] 1999-12-09 (WO99/63000)
[30] US (60/087,287) 1998-05-29

[21] **2,330,151**
[13] A1

[51] **Int.Cl. 6C08F 10/00 6C08F 210/16 6C08F 4/26 6C08F 4/70 6C08F 4/80**
[25] EN
[54] **COPOLYMERIZATION OF OLEFINS**
[54] **COPOLYMERISATION D'OLEFINES**
[72] MCCORD, ELIZABETH FORRESTER, US
[72] BENNETT, ALISON MARGARET ANNE, US
[72] FELDMAN, JERALD, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-23
[86] 1999-05-26 (PCT/US99/11549)
[87] 1999-12-09 (WO99/62967)
[30] US (60/087,152) 1998-05-29

[21] **2,330,147**
[13] A1

[51] **Int.Cl. 6C11D 3/37 6C11D 3/00 6D06L 1/00 6D06F 73/02 6C11D 3/20 6C11D 3/22**
[25] EN
[54] **GARMENT CONDITIONING COMPOSITION**
[54] **COMPOSITION DE CONDITIONNEMENT POUR VETEMENTS**
[72] BUSH, STEPHAN GARY, US
[72] DUDERSTADT, JACQUELINE MARIE, US
[72] WOO, RICKY AH-MAN, US
[72] YEAZELL, BRUCE ALBERT, US
[72] COBB, DANIEL SCOTT, US
[72] ADAMS, DONALD SCOTT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-10-23
[86] 1998-04-27 (PCT/US98/08124)
[87] 1999-11-04 (WO99/55816)

[21] **2,330,149**
[13] A1

[51] **Int.Cl. 6D01G 23/02**
[25] EN
[54] **IMPROVED INLET DESIGN FOR HANDLING BULK TEXTILE FIBER**
[54] **AMELIORATIONS APORTEES A LA CONCEPTION D'UNE OUVERTURE D'ADMISSION AUX FINS DE LA MANIPULATION DE FIBRES TEXTILES**
[72] JETTON, NATHAN CORY, US
[72] DAKIN, JOHN M., US
[72] SOWELL, LYLES H., US
[72] GILES, ANDREW J., US
[72] STAPLES, PHILLIP O., US
[72] MCCOY, TODD A., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-23
[86] 1999-05-27 (PCT/US99/11756)
[87] 1999-12-02 (WO99/61689)
[30] US (60/087,060) 1998-05-28
[30] US (09/318,004) 1999-05-25

[21] **2,330,152**
[13] A1

[51] **Int.Cl. 6H01G 9/20**
[25] EN
[54] **TITANIUM DIOXIDE FILMS FOR PHOTOVOLTAIC CELLS**
[54] **FILMS DE DIOXYDE DE TITANE SERVANT DE CELLULES PHOTOVOLTAIQUES**
[72] HARRISON, LARRY WAYNE, US
[72] WANG, YING, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-23
[86] 1999-05-18 (PCT/US99/10899)
[87] 1999-12-16 (WO99/65045)
[30] US (09/080,653) 1998-05-18

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[21] **2,330,153**
[13] A1

[51] **Int.Cl. 6C07C 45/50 6C07C 47/02 6B01J 31/06 6B01J 31/16 6B01J 31/18 6C07C 47/228 6C07C 253/30 6C07C 67/347 6C07C 51/373 6C08F 8/40 6C08F 8/42 6C07C 69/716**

[25] EN

[54] **HYDROFORMYLATION OF OLEFINS USING SUPPORTED BIS(PHOSPHORUS) LIGANDS**

[54] **HYDROFORMYLATION D'OLEFINES AVEC UTILISATION DE LIGANDS DI(PHOSPHORES) SUPPORTES**

[72] BURKE, PATRICK MICHAEL, US

[72] BUNEL, EMILIO E., US

[72] MOLOY, KENNETH GENE, US

[72] MANZER, LEO ERNEST, US

[72] DRULINER, JOE DOUGLAS, US

[72] WANG, MANXUE, US

[71] E.I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2000-10-23

[86] 1999-05-26 (PCT/US99/11557)

[87] 1999-12-09 (WO99/62855)

[30] US (60/087,151) 1998-05-29

[21] **2,330,155**
[13] A1

[51] **Int.Cl. 6C08F 4/70 6C08F 10/00 6C08F 4/26 6C08F 2/42**

[25] EN

[54] **MOLECULAR WEIGHT CONTROL IN OLEFIN POLYMERIZATION**

[54] **MAITRISE DE LA MASSE MOLECULAIRE DE LA POLYMERISATION DES OLEFINES**

[72] CITRON, JOEL DAVID, US

[72] ARTHUR, SAMUEL DAVID, US

[71] E.I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2000-10-23

[86] 1999-05-26 (PCT/US99/11556)

[87] 1999-12-09 (WO99/62963)

[30] US (60/087,296) 1998-05-29

[21] **2,330,157**
[13] A1

[51] **Int.Cl. 6B32B 17/00**

[25] EN

[54] **GLASS LAMINATES FOR THREAT RESISTANT WINDOW SYSTEMS**

[54] **LAMINES DE VERRE POUR SYSTEMES DE FENETRES DE PROTECTION**

[72] SMITH, CHARLES ANTHONY, US

[72] WONG, BERT, US

[72] JAGOTA, ANAND, US

[72] HOFMANN, GEORGE HENRY, US

[72] BENNISON, STEPHEN JOHN, US

[71] E.I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2000-10-23

[86] 1999-05-12 (PCT/US99/10354)

[87] 1999-11-18 (WO99/58334)

[30] US (09/078,984) 1998-05-14

[21] **2,330,159**
[13] A1

[51] **Int.Cl. 6B29C 47/16 6B29C 47/08**

[25] EN

[54] **ADJUSTABLE, LEAK-FREE SEALING DEVICE FOR POLYMER DIES**

[54] **DISPOSITIF DE SCELLEMENT REGLAGE ET SANS FUITES POUR MATRICES POLYMERES**

[72] MOENNIG, HEINRICH, DE

[72] LAMKEMEYER, MATTHIAS HUBERT, DE

[72] HUECHTER, GERHARD THEODOR, DE

[71] E.I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2000-10-23

[86] 1998-05-28 (PCT/US98/10870)

[87] 1999-12-02 (WO99/61218)

[21] **2,330,180**
[13] A1

[51] **Int.Cl. 6C12N 15/54 6C11B 1/00 6A01H 5/00 6C12N 5/10 6C12N 9/10 6C12N 15/11 6C12N 1/21 6C12N 15/82**

[25] EN

[54] **ACYL COA:CHOLESTEROL ACYLTRANSFERASE RELATED NUCLEIC ACID SEQUENCES**

[54] **ACYL COA : SEQUENCES D'ACIDE NUCLEIQUE EN RAPPORT AVEC LA CHOLESTEROL ACYLTRANSFERASE**

[72] LASSNER, MICHAEL W., US

[72] RUEZINSKY, DIANE M., US

[71] CALGENE LLC, US

[85] 2000-12-04

[86] 1999-06-04 (PCT/US99/12541)

[87] 1999-12-09 (WO99/63096)

[30] US (60/088,143) 1998-06-05

[30] US (60/108,389) 1998-11-12

[21] **2,330,182**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G01N 33/50**

[25] EN

[54] **BINDING ACCELERATION TECHNIQUES FOR THE DETECTION OF ANALYTES**

[54] **TECHNIQUES D'ACCELERATION DE LIAISON POUR LA DETECTION D'ANALYTES**

[72] O'CONNOR, STEPHEN D., US

[72] BLACKBURN, GARY, US

[72] KAYYEM, JON FAIZ, US

[71] CLINICAL MICRO SENSORS, INC., US

[85] 2000-12-06

[86] 1999-06-23 (PCT/US99/14191)

[87] 1999-12-29 (WO99/67425)

[30] US (60/090,389) 1998-06-23

[30] US (90/134,058) 1998-08-14

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[21] **2,330,183**
[13] A1

[51] **Int.Cl. 6C12N 15/17 6A61K 38/28 6C07K 14/62**
[25] EN
[54] **NOVEL INSULIN ANALOGS WITH ENHANCED ZINC BINDING**
[54] **NOUVEAUX ANALOGUES DE L'INSULINE PRESENTANT UN POUVOIR DE LIAISON ACCRU AVEC LE ZINC**
[72] WOLLMER, AXEL, DE
[72] SEIPKE, GERHARD, DE
[72] GEISEN, KARL, DE
[72] HABERMANN, PAUL, DE
[72] ERTL, JOHANN, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2000-12-05
[86] 1999-05-21 (PCT/EP99/03490)
[87] 1999-12-16 (WO99/64598)
[30] DE (198 25 447.4) 1998-06-06

[21] **2,330,186**
[13] A1

[51] **Int.Cl. 6C07K 16/00 6C07K 16/22 6C07K 16/24 6C07K 16/28 6A61K 39/395 6A61K 47/48**
[25] EN
[54] **DIVALENT ANTIBODY FRAGMENTS**
[54] **FRAGMENTS D'ANTICORPS BIVALENTS**
[72] KING, DAVID JOHN, US
[72] CHAPMAN, ANDREW PAUL, GB
[71] CELLTECH THERAPEUTICS LIMITED, GB
[85] 2000-12-08
[86] 1999-06-08 (PCT/GB99/01800)
[87] 1999-12-16 (WO99/64460)
[30] GB (9812545.3) 1998-06-10

[21] **2,330,187**
[13] A1

[51] **Int.Cl. 6C12N 15/15 6C07K 16/38 6C07K 16/42 6C07K 14/81**
[25] EN
[54] **DISULFIDE CORE POLYPEPTIDES**
[54] **POLYPEPTIDES A NOYAU BISULFITE**
[72] CONKLIN, DARRELL C., US
[71] ZYMOGENETICS, INC., US
[85] 2000-12-04
[86] 1999-06-04 (PCT/US99/12545)
[87] 1999-12-09 (WO99/63091)
[30] US (09/090,895) 1998-06-04

[21] **2,330,189**
[13] A1

[51] **Int.Cl. 6C07K 16/46 6C12N 5/20 6A61K 39/395 6A61K 47/48**
[25] EN
[54] **BISPECIFIC ANTIBODIES FOR RETARGETING ANTICANCER CYTOTOXIC LYMPHOCYTES AND HYBRIDOMAS AND MONOCLONAL ANTIBODIES THEREFORE**
[54] **ANTICORPS BIVALENTS PERMETTANT DE RECIBLER LES LYMPHOCYTES CYTOTOXIQUES ANTI CANCEREUX, ET HYBRIDOMES ET ANTICORPS MONOCLONAUX UTILISES A CET EFFET**
[72] WEINER, GEORGE J., US
[72] ROKHLIN, OSKAR W., US
[72] COHEN, MICHAEL B., US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2000-12-05
[86] 1999-06-17 (PCT/US99/13713)
[87] 1999-12-29 (WO99/67359)
[30] US (09/104,717) 1998-06-25

[21] **2,330,190**
[13] A1

[51] **Int.Cl. 6C12N 5/06 6A61K 48/00 6C12N 5/08 6C12N 5/10 6A61K 35/12**
[25] EN
[54] **REGULATION OF HEMATOPOIETIC STEM CELL DIFFERENTIATION BY THE USE OF HUMAN MESENCHYMAL STEM CELLS**
[54] **REGULATION D'UNE DIFFERENCIATION DE CELLULES SOUCHES HEMATOPOIETIQUES AU MOYEN DE CELLULES SOUCHES MESENCHYMATEUSES HUMAINES**
[72] THIEDE, MARK A., US
[72] MBALAVIELE, GABRIEL, US
[71] OSIRIS THERAPEUTICS, INC., US
[85] 2000-12-05
[86] 1999-06-08 (PCT/US99/12847)
[87] 1999-12-16 (WO99/64565)
[30] US (60/088,431) 1998-06-08
[30] US (60/099,233) 1998-09-04

[21] **2,330,191**
[13] A1

[51] **Int.Cl. 6C12N 15/15 6C12N 1/19 6C12N 1/21 6A61K 38/57 6C07K 14/81**
[25] EN
[54] **PROTEASE INHIBITOR PEPTIDES**
[54] **PEPTIDES INHIBITEURS DE PROTEASE**
[72] LESIKAR, DAVID D., US
[72] MCFADDEN, KATHLEEN, US
[72] WHITE, R. TYLER, US
[72] LUCAS, ANNE BERGSTROM, US
[72] DAMM, DEBORAH, US
[72] LAM, ANDREW O., US
[72] POLLITT, N. STEPHEN, US
[72] GARRICK, BRETT L., US
[71] SCIOS INC., US
[85] 2000-12-04
[86] 1999-06-03 (PCT/US99/12276)
[87] 1999-12-09 (WO99/63090)
[30] US (60/087,885) 1998-06-03

[21] **2,330,192**
[13] A1

[51] **Int.Cl. 6C07H 21/00**
[25] EN
[54] **ACTIVATORS FOR OLIGONUCLEOTIDE SYNTHESIS**
[54] **ACTIVATEURS POUR LA SYNTHESE D'OLIGONUCLEOTIDES**
[72] SANGHVI, YOGESH, US
[72] RAVIKUMAR, VASULINGA T., US
[72] MANOHARAN, MUTHIAH, US
[71] ISIS PHARMACEUTICALS, INC., US
[85] 2000-12-04
[86] 1999-06-02 (PCT/US99/12251)
[87] 1999-12-09 (WO99/62922)
[30] US (60/087,757) 1998-06-02
[30] US (09/177,953) 1998-10-23

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[21] **2,330,321**
[13] A1
[51] **Int.Cl. 6G06K 19/04 6G06K 19/077**
[25] EN
[54] **METHOD FOR MAKING A WALLET CARD WITH AN INTEGRAL MAGNIFYING LENS**
[54] **PROCEDE DE FABRICATION DE CARTE POUR PORTEFEUILLE DOTEE D'UNE LENTILLE GROSSISSANTE INTEGREE**
[72] JOYCE, DON, US
[72] MAYER, LAURENCE, US
[72] MAYER, ROBERT, US
[72] NICHOLSON, MICHAEL, US
[72] FINKELSTEIN, ALAN, US
[72] FINKELSTEIN, ALAN, US
[71] FINKELSTEIN, ALAN, US
[85] 2000-10-24
[86] 1999-04-23 (PCT/US99/08878)
[87] 1999-11-04 (WO99/56240)
[30] US (09/066,799) 1998-04-24

[21] **2,330,435**
[13] A1
[51] **Int.Cl. 6C07C 227/18 6C07C 229/42**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF ACECLOFENAC**
[54] **PROCEDE DE PREPARATION D'ACECLOFENAC**
[72] NIKOLOPOULOS, AGGELOS, IE
[72] SCHICKANEDER, HELMUT, IE
[72] MURPHY, TREVOR, IE
[71] RUSSINSKY LIMITED, IE
[85] 2000-10-27
[86] 1999-04-22 (PCT/IE99/00028)
[87] 1999-11-04 (WO99/55660)
[30] IE (980324) 1998-04-28

[21] **2,330,436**
[13] A1
[51] **Int.Cl. 6C07D 401/06 6A61K 31/445**
[25] EN
[54] **INDOLYL DERIVATIVES AS SEROTONERGIC AGENTS**
[54] **DERIVES D'INDOLYLE UTILISES COMME AGENTS SEROTONINERGIQUES**
[72] KANG, YOUNG HEE, US
[72] KELLY, MICHAEL GERARD, US
[71] AMERICAN HOME PRODUCTS CORPORATION, US
[85] 2000-10-27
[86] 1999-04-28 (PCT/US99/09129)
[87] 1999-11-04 (WO99/55694)
[30] US (09/069,045) 1998-04-29

[21] **2,330,437**
[13] A1
[51] **Int.Cl. 6C07D 401/06 6C07D 401/04 6A61K 31/445**
[25] EN
[54] **INDOLYL DERIVATIVES AS SEROTONERGIC AGENTS**
[54] **DERIVES D'INDOLYLE EN TANT QU'AGENTS SEROTONINERGIQUES**
[72] KELLY, MICHAEL GERARD, US
[72] KANG, YOUNG HEE, US
[71] AMERICAN HOME PRODUCTS CORPORATION, US
[85] 2000-10-27
[86] 1999-04-28 (PCT/US99/09181)
[87] 1999-11-04 (WO99/55695)
[30] US (09/069,043) 1998-04-29

[21] **2,330,439**
[13] A1
[51] **Int.Cl. 6A61L 25/00**
[25] EN
[54] **ADHESIVE APPLICATOR WITH POLYMERIZATION AGENTS AND/OR BIOACTIVE MATERIAL**
[54] **APPLICATEUR D'ADHESIFS COMPORTANT DES AGENTS DE POLYMERISATION ET/OU UNE SUBSTANCE BIOACTIVE**
[72] NARANG, UPVAN, US
[72] NICHOLSON, WILLIAM STUART COOPER, US
[71] CLOSURE MEDICAL CORPORATION, US
[85] 2000-10-27
[86] 1999-04-30 (PCT/US99/09373)
[87] 1999-11-04 (WO99/55394)
[30] US (09/069,979) 1998-04-30

[21] **2,330,440**
[13] A1
[51] **Int.Cl. 6H04Q 7/22**
[25] EN
[54] **A COMMUNICATIONS NETWORK AND METHOD FOR SCREENING INCOMING CIRCUIT SWITCHED CALLS**
[54] **RESEAU DE TELECOMMUNICATION ET PROCEDE PERMETTANT DE VISUALISER LES APPELS A COMMUTATION DE CIRCUIT D'ARRIVEE**
[72] HALL, GORAN, SE
[72] HUMMELGREN, HENRIK, SE
[72] KANNAS, CHRIS, SE
[72] PERSSON, RICHARD, SE
[72] SUNDELL, HANS-OLOF, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-10-27
[86] 1999-04-20 (PCT/SE99/00633)
[87] 1999-11-04 (WO99/56479)
[30] US (09/067,590) 1998-04-27

[21] **2,330,442**
[13] A1
[51] **Int.Cl. 6H04Q 3/00**
[25] EN
[54] **RESOURCE ALLOCATION**
[54] **AFFECTATION DE RESSOURCE**
[72] JOHANSSON, PETER, SE
[72] JOHANSSON, STAFFAN ENGELBERT, SE
[72] RYNBACK, PATRIK JOHAN ERIK, SE
[72] JONSSON, NILS TORE ERIK, SE
[72] ANDERSSON, CHRISTOFFER, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-10-27
[86] 1999-04-23 (PCT/SE99/00664)
[87] 1999-11-04 (WO99/56475)
[30] US (09/069,168) 1998-04-29
[30] US (09/143,619) 1998-08-28

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,330,443 [13] A1</p> <p>[51] Int.Cl. 6D01F 6/12 6A61C 15/04 6D02J 1/22 [25] EN [54] POLYTETRAFLUOROETHYLENE FIBER [54] FIBRE DE TETRAFLUOROPOLYETHYLENE [72] MINOR, RAYMOND B., US [72] ROBERTS, GEORGE M., US [72] DOLAN, JOHN W., US [72] KELMARTIN, THOMAS PATRICK JR., US [71] GORE ENTERPRISE HOLDINGS, INC., US [85] 2000-10-27 [86] 1999-04-06 (PCT/US99/07498) [87] 1999-11-11 (WO99/57347) [30] US (09/070,061) 1998-04-30</p>	<p style="text-align: right;">[21] 2,330,570 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/11 6C12N 9/00 [25] EN [54] NUCLEIC ACID ENZYME FOR RNA CLEAVAGE [54] ENZYME D'ACIDE NUCLEIQUE DE COUPURE D'UN ARN [72] LAFONTAINE, DANIEL, CA [72] ANANVORANICH, SIRINART, CA [72] PERREAULT, JEAN-PIERRE, CA [71] UNIVERSITE DE SHERBROOKE, CA [85] 2000-10-27 [86] 1999-04-29 (PCT/CA99/00391) [87] 1999-11-04 (WO99/55856) [30] CA (2,230,203) 1998-04-29</p>	<p style="text-align: right;">[21] 2,330,573 [13] A1</p> <p>[51] Int.Cl. 6G01N 27/12 6G01N 33/00 [25] EN [54] HYDROGEN SENSOR [54] DETECTEUR POUR HYDROGENE [72] JONDA, SVEN, DE [72] MEIXNER, HANS, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-10-27 [86] 1999-04-01 (PCT/DE99/01003) [87] 1999-11-11 (WO99/57548) [30] DE (198 19 575.3) 1998-04-30</p>
<p style="text-align: right;">[21] 2,330,444 [13] A1</p> <p>[51] Int.Cl. 7H04B 1/04 7H04B 7/26 [25] EN [54] APPARATUS AND METHOD FOR TRANSMISSION/RECEPTION [54] DISPOSITIF ET PROCEDE D'EMISSION/RECEPTION [72] HAYASHI, MASAKI, JP [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP [85] 2000-10-27 [86] 2000-03-06 (PCT/JP00/01327) [87] 2000-09-14 (WO00/54417) [30] JP (11/103044) 1999-03-06</p>	<p style="text-align: right;">[21] 2,330,571 [13] A1</p> <p>[51] Int.Cl. 6C02F 1/32 [25] EN [54] METHOD FOR REMOVING NITRATE IONS FROM A SOLUTION [54] PROCEDE D'ELIMINATION D'IONS NITRATE CONTENUS DANS UNE SOLUTION [72] BERTHOLDT, HORST-OTTO, DE [72] GASSEN, RAINER, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-10-27 [86] 1999-04-28 (PCT/DE99/01254) [87] 1999-11-11 (WO99/57063) [30] DE (198 19 518.4) 1998-04-30</p>	<p style="text-align: right;">[21] 2,330,574 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/11 6C07H 21/00 6C12N 9/00 6C07H 19/04 [25] EN [54] NUCLEOSIDE TRIPHOSPHATES AND THEIR INCORPORATION INTO RIBOZYMES [54] NUCLEOSIDE TRIPHOSPHATES ET LEUR INTEGRATION AUX RIBOZYMES [72] MATULIC-ADAMIC, JASENKA, US [72] BEAUDRY, AMBER, US [72] KARPEISKY, ALEXANDER, US [72] ZINNEN, SHAWN, US [72] BEIGELMAN, LEONID, US [72] SWEEDLER, DAVID, US [72] BURGIN, ALEX, US [71] RIBOZYME PHARMACEUTICALS, INC., US [85] 2000-10-27 [86] 1999-04-28 (PCT/US99/09348) [87] 1999-11-04 (WO99/55857) [30] US (60/083,727) 1998-04-29 [30] US (09/186,675) 1998-11-04</p>
<p style="text-align: right;">[21] 2,330,445 [13] A1</p> <p>[51] Int.Cl. 6A61L 9/03 [25] EN [54] HOT GAS EXTRACTION DEVICE FOR VOLATIZING AT LEAST ONE SUBSTITUENT OF A MATERIAL [54] DISPOSITIF D'EXTRACTION DE GAZ CHAUD DESTINE A LA VAPORISATION AU MOINS D'UN SUBSTITUANT D'UNE MATIERE [72] WHEELER, DAVID L., US [71] ALTERNATIVE DELIVERY SYSTEMS, US [85] 2000-10-27 [86] 1998-07-29 (PCT/US98/16120) [87] 1999-11-04 (WO99/55391) [30] US (09/070,134) 1998-04-29</p>	<p style="text-align: right;">[21] 2,330,572 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/00 6A61B 5/00 [25] EN [54] METHOD AND APPARATUS FOR NON-INVASIVE DIAGNOSIS OF CARDIOVASCULAR AND RELATED DISORDERS [54] PROCEDE ET DISPOSITIF DE DIAGNOSTIC NON INVASIF DE TROUBLES CARDIO-VASCULAIRES ET DE TROUBLES ASSOCIES [72] KO, GARY KAM-YUEN, CA [71] SARRUS BIOMEDICAL LTD., CN [85] 2000-10-27 [86] 1999-04-30 (PCT/CA99/00392) [87] 1999-11-11 (WO99/57647) [30] US (09/071,348) 1998-05-01</p>	<p style="text-align: right;">[21] 2,330,575 [13] A1</p> <p>[51] Int.Cl. 6G01S 5/14 [25] EN [54] SATELLITE POSITIONING REFERENCE SYSTEM AND METHOD [54] SYSTEME ET PROCEDE RELATIFS AUX REFERENCES DE POSITIONNEMENT DE SATELLITES [72] MOEGLEIN, MARK, US [72] SHEYNBLAT, LEONID, US [72] KRASNER, NORMAN F., US [71] SNAPTRACK, INC., US [85] 2000-10-27 [86] 1999-04-13 (PCT/US99/08083) [87] 1999-11-04 (WO99/56145) [30] US (09/067,407) 1998-04-28</p>

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<p style="text-align: center;">[21] 2,330,576 [13] A1</p> <p>[51] Int.Cl. 6C07D 221/22 6A61K 31/435 [25] EN [54] ARYL FUSED AZAPOLYCYCLIC COMPOUNDS [54] COMPOSES AZAPOLYCYCLIQUES A FUSION ARYLE [72] COE, JOTHAM WADSWORTH, US [71] PFIZER PRODUCTS INC., US [85] 2000-10-27 [86] 1999-04-08 (PCT/IB99/00617) [87] 1999-11-04 (WO99/55680) [30] US (60/083,556) 1998-04-29</p>	<p style="text-align: center;">[21] 2,330,580 [13] A1</p> <p>[51] Int.Cl. 6G01R 31/11 [25] EN [54] METHOD AND DEVICE FOR MONITORING AN ELECTRODE LINE OF A BIPOLAR HIGH VOLTAGE DIRECT CURRENT (HVDC) TRANSMISSION SYSTEM [54] PROCEDE ET DISPOSITIF POUR LA SURVEILLANCE D'UNE LIGNE D'ELECTRODE D'UNE INSTALLATION BIPOLAIRE DE TRANSPORT DE COURANT CONTINU A HAUTE TENSION (C.C.H.T) [72] AMMON, JORG, DE [72] PLEWKA, GERHARD, DE [72] SCHALLER, GERHARD, DE [71] SIEMENS AKTIENGESSELLSCHAFT, DE [85] 2000-10-27 [86] 1999-04-16 (PCT/DE99/01144) [87] 1999-11-04 (WO99/56140) [30] DE (198 19 219.3) 1998-04-29</p>	<p style="text-align: center;">[21] 2,330,582 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/42 [25] EN [54] HAND-HELD FETAL VACUUM EXTRACTOR HAVING AN INTEGRATED PUMP AND HANDLE [54] VENTOUSE OBSTETRICALE MANUELLE EQUIPEE D'UNE POMPE ET D'UNE POIGNEE INTEGREES [72] WALLACE, WILLIAM DEAN, US [72] SMITH, STEVEN R., US [72] CUTLER, CHRISTOPHER A., US [72] DIXON, RICHARD A., US [71] WALLACE, WILLIAM DEAN, US [71] SMITH, STEVEN R., US [71] CUTLER, CHRISTOPHER A., US [71] DIXON, RICHARD A., US [85] 2000-10-27 [86] 1999-05-06 (PCT/US99/10084) [87] 1999-11-18 (WO99/58071) [30] US (09/075,448) 1998-05-08</p>
<p style="text-align: center;">[21] 2,330,577 [13] A1</p> <p>[51] Int.Cl. 6C07D 401/14 6C07D 401/06 6A61K 31/445 [25] EN [54] SEROTONERGIC AGENTS [54] AGENTS SEROTONINERGIQUES [72] KELLY, MICHAEL GERARD, US [72] KANG, YOUNG HEE, US [71] AMERICAN HOME PRODUCTS CORPORATION, US [85] 2000-10-27 [86] 1999-04-28 (PCT/US99/09128) [87] 1999-11-04 (WO99/55697) [30] US (09/069,041) 1998-04-29</p>	<p style="text-align: center;">[21] 2,330,581 [13] A1</p> <p>[51] Int.Cl. 6A61K 47/02 6A61K 47/26 6A61K 31/47 [25] EN [54] STABILIZATION OF COMPOSITIONS CONTAINING ACE INHIBITORS USING MAGNESIUM OXIDE [54] STABILISATION DE COMPOSITIONS CONTENANT DES INHIBITEURS DE L'ENZYME DE CONVERSION D'ANGIOTENSINE UTILISANT DE L'OXYDE DE MAGNESIUM [72] HOKANSON, GERARD CLIFFORD, US [72] HARRIS, MICHAEL RAY, US [72] WEISS, JAY, US [72] DANIEL, JANE ELLEN, US [71] WARNER-LAMBERT COMPANY, US [85] 2000-10-27 [86] 1999-05-10 (PCT/US99/10189) [87] 1999-12-09 (WO99/62560) [30] US (60/088,280) 1998-06-05</p>	<p style="text-align: center;">[21] 2,330,583 [13] A1</p> <p>[51] Int.Cl. 6B01D 53/64 6B01D 53/60 [25] EN [54] MERCURY REMOVAL FROM FLUE GAS [54] EXTRACTION DE MERCURE DE GAZ DE COMBUSTION [72] MCINTYRE, BRIAN W., CA [72] CALDWELL, DOUGLAS, CA [72] BIGGAR, JOHN W., CA [71] ISCA MANAGEMENT LTD., CA [85] 2000-10-27 [86] 1999-05-03 (PCT/CA99/00403) [87] 1999-11-18 (WO99/58228) [30] US (60/084,762) 1998-05-08</p>
<p style="text-align: center;">[21] 2,330,579 [13] A1</p> <p>[51] Int.Cl. 6A61N 1/39 [25] EN [54] METHOD AND APPARATUS FOR TREATMENT OF ARRHYTHMIAS [54] PROCEDE ET APPAREIL POUR LE TRAITEMENT DE L'ARHYTHMIE [72] MONGEON, LUC R., US [72] HILL, MICHAEL R. S., US [72] MEHRA, RAHUL, US [72] PETERSON, DAVID K. L., US [72] WARMAN, EDUARDO N., US [71] MEDTRONIC, INC., US [85] 2000-10-27 [86] 1999-03-03 (PCT/US99/04662) [87] 1999-11-11 (WO99/56823) [30] US (09/070,690) 1998-04-30</p>	<p style="text-align: center;">[21] 2,330,584 [13] A1</p> <p>[51] Int.Cl. 6B63B 1/38 [25] EN [54] MULTIHULLED PARTIALLY AIR SUPPORTED MARINE VEHICLE [54] VEHICULE MARIN MULTICOQUE SUPPORTE PARTIELLEMENT PAR COUSSIN D'AIR [72] BURG, DONALD E., US [71] BURG, PAULETTE RENEE, US [71] BURG, DONALD E., US [85] 2000-10-27 [86] 1998-11-20 (PCT/US98/24844) [87] 2000-06-02 (WO00/30926)</p>	

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[21] **2,330,585**
[13] A1
[51] **Int.Cl. 6C07D 335/06 6C07D 339/08 6C07D 409/08 6A01N 43/18 6A01N 43/32**
[25] EN
[54] **CYCLOHEXENONDIOXOTHIO CHROMANOYL DERIVATIVES**
[54] **DERIVES DE CYCLOHEXENONEDIOXOTHIOCHROMANOYLE**
[72] NEIDLEIN, ULF, DE
[72] WAGNER, OLIVER, DE
[72] WITSCHER, MATTHIAS, DE
[72] GOTZ, ROLAND, DE
[72] MAYER, GUIDO, DE
[72] ENGEL, STEFAN, DE
[72] WESTPHALEN, KARL-OTTO, DE
[72] OTTEN, MARTINA, DE
[72] WALTER, HELMUT, DE
[72] LANGEMANN, KLAUS, DE
[72] VON DEYN, WOLFGANG, DE
[72] BAUMANN, ERNST, DE
[72] MISSLITZ, ULF, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2000-10-27
[86] 1999-04-22 (PCT/EP99/02703)
[87] 1999-11-11 (WO99/57111)
[30] DE (198 19 290.8) 1998-04-30

[21] **2,330,586**
[13] A1
[51] **Int.Cl. 6A23C 7/04 6A01J 11/06 6B01D 61/14**
[25] EN
[54] **A PROCESS FOR THE PREPARATION OF COLOSTRUM**
[54] **PROCEDE DE PREPARATION D'UN COLOSTRUM**
[72] MORTENSEN, UFFE, NO
[71] FONNELOP, KARE, NO
[85] 2000-10-27
[86] 1998-04-29 (PCT/NO98/00133)
[87] 1999-11-04 (WO99/55168)

[21] **2,330,587**
[13] A1
[51] **Int.Cl. 6A61F 13/15 6D04H 13/00 6B32B 5/26 6D21H 27/34 6D21H 27/36**
[25] EN
[54] **MULTILAYER COMPRESSION RESISTANT APERTURED WEB**
[54] **VOILE PERFORE MULTICOUCHE RESISTANT A LA COMPRESSION**
[72] LEE, YAN-PER, US
[72] O'DONNELL, HUGH JOSEPH, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-10-27
[86] 1999-05-13 (PCT/US99/10433)
[87] 1999-11-25 (WO99/59511)
[30] US (09/079,711) 1998-05-15

[21] **2,330,588**
[13] A1
[51] **Int.Cl. 6A61F 2/18**
[25] EN
[54] **HEARING COUPLER SHELLS OF SOFT PLIABLE THERMOPLASTIC MATERIAL**
[54] **COQUES DE COUPLAGE POUR APPAREIL AUDITIF EN MATERIAU THERMOPLASTIQUE MOU ET SOUPLE**
[72] BLOCH, GERALD, US
[72] GEDEON, BARBARA J., US
[72] CASTOR, GERALD, US
[72] CSENSICH, PETER J., US
[71] SOUND PARTS, INC., US
[85] 2000-10-27
[86] 1999-04-28 (PCT/US99/09232)
[87] 1999-11-04 (WO99/55259)
[30] US (60/083,489) 1998-04-29
[30] US (60/084,465) 1998-05-06

[21] **2,330,590**
[13] A1
[51] **Int.Cl. 6A61B 17/00**
[25] EN
[54] **DEVICE AND METHOD FOR FACILITATING HEMOSTASIS OF A BIOPSY TRACT**
[54] **APPAREIL ET PROCEDE PERMETTANT DE FACILITER L'HEMOSTASE SUR UN TRAJET DE BIOPSIE**
[72] CRAGG, ANDREW H., US
[72] ASHBY, MARK, US
[72] BRENNEMAN, RODNEY, US
[71] SUB Q, INC., US
[85] 2000-10-27
[86] 1999-04-23 (PCT/US99/08907)
[87] 1999-11-11 (WO99/56632)
[30] US (09/071,670) 1998-05-01

[21] **2,330,592**
[13] A1
[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **DIAPER CONTAINING A WASHABLE ABSORPTION ELEMENT**
[54] **COUCHE CONTENANT UN ELEMENT D'ABSORPTION LAVABLE**
[72] GOYARTS, GREGORIUS MARIA HUBERTUS, NL
[71] GOYARTS B.V., NL
[85] 2000-10-27
[86] 1999-04-28 (PCT/NL99/00253)
[87] 1999-11-04 (WO99/55266)
[30] NL (1009034) 1998-04-29

[21] **2,330,593**
[13] A1
[51] **Int.Cl. 6H04Q 7/22**
[25] EN
[54] **AN ANNOUNCING SYSTEM AND METHOD USED IN A COMMUNICATIONS NETWORK FOR HOLDING INCOMING CIRCUIT SWITCHED CALLS**
[54] **SYSTEME D'AVERTISSEMENT ET PROCEDE UTILISE DANS UN RESEAU DE COMMUNICATION POUR METTRE EN ATTENTE LES APPELS A COMMUTATION DE CIRCUIT D'ARRIVEE**
[72] HALL, GORAN, SE
[72] KANNAS, CHRIS, SE
[72] HUMMELGREN, HENRIK, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-10-27
[86] 1999-04-20 (PCT/SE99/00632)
[87] 1999-11-04 (WO99/56478)
[30] US (09/067,589) 1998-04-27

[21] **2,330,594**
[13] A1
[51] **Int.Cl. 6G01N 19/04 6B41F 7/00 6B41F 13/02 6B41F 9/04 6G01N 33/32**
[25] EN
[54] **DEVICE FOR MEASURING THE STICKINESS OF A FLOWABLE MEDIUM**
[54] **DISPOSITIF POUR MESURER L'ADHESIVITE D'UNE SUBSTANCE COULANTE**
[72] BAUERNSCHMID, PETER, DE
[71] PRUFBAU DR.-ING. H. DURNER GMBH, DE
[85] 2000-10-27
[86] 1999-04-27 (PCT/EP99/02850)
[87] 1999-11-11 (WO99/57540)
[30] DE (198 19 455.2) 1998-04-30

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,330,595 [13] A1</p> <p>[51] Int.Cl. 6F25B 41/06 6G05D 27/00 [25] EN [54] ELECTRONIC CONTROLLED EXPANSION VALVE [54] ROBINET DETENDEUR A COMMANDE ELECTRONIQUE [72] SMITH, SEAN A., US [72] MEYER, JONATHAN M., US [72] SIBIK, LEE L., US [71] AMERICAN STANDARD INC., US [85] 2000-10-27 [86] 1999-03-23 (PCT/US99/06335) [87] 1999-11-04 (WO99/56066) [30] US (09/069,788) 1998-04-29</p>	<p style="text-align: right;">[21] 2,330,632 [13] A1</p> <p>[51] Int.Cl. 6H04B 7/08 [25] EN [54] DELAY COMBINER SYSTEM FOR CDMA REPEATERS AND LOW NOISE AMPLIFIERS [54] SYSTEME COMBINA TEUR DE RETARD POUR REPETEURS AMDC ET AMPLIFICATEURS FAIBLE BRUIT [72] FUERTER, MATTHEW P., US [71] REPEATER TECHNOLOGIES, INC., US [85] 2000-08-03 [86] 1998-12-30 (PCT/US98/27881) [87] 1999-09-02 (WO99/44308) [30] US (09/028,434) 1998-02-24</p>	<p style="text-align: right;">[21] 2,330,652 [13] A1</p> <p>[51] Int.Cl. 6G09F 23/06 6G07F 19/00 6G09F 13/04 [25] EN [54] A STAND SUPPORT [72] WILSON, JOHN DOUGLAS, NZ [72] BOWEN, KEITH HAMISH, NZ [71] IN STORE MEDIA LIMITED, NZ [85] 2000-10-31 [86] 1999-04-30 (PCT/NZ99/00053) [87] 1999-11-11 (WO99/57705) [30] NZ (330349) 1998-05-01 [30] NZ (330349) 1998-06-10</p>
<p style="text-align: right;">[21] 2,330,596 [13] A1</p> <p>[51] Int.Cl. 6G06F 9/46 [25] EN [54] DISTRIBUTED DATA PROCESSING [54] TRAITEMENT REPARTI DES DONNEES [72] TITMUS, RICHARD JOHN, GB [72] LEBRE, CAROLINE ANNE MICHELE, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 2000-10-27 [86] 1999-04-27 (PCT/GB99/01302) [87] 1999-11-11 (WO99/57637) [30] GB (9809512.8) 1998-05-01</p>	<p style="text-align: right;">[21] 2,330,650 [13] A1</p> <p>[51] Int.Cl. 6A61F 13/15 [25] EN [54] COMPLIANT EMBOSSER ASSEMBLY [54] ENSEMBLE DE GAUFRAGE FLEXIBLE [72] DEHAAN, DENNIS ALLEN, US [72] HOOK, JEREMY FREDERIC, US [72] KOLLNER, WILFRIED MARIA, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-10-30 [86] 1999-05-19 (PCT/US99/11075) [87] 1999-11-25 (WO99/59512) [30] US (09/083,147) 1998-05-21</p>	<p style="text-align: right;">[21] 2,330,653 [13] A1</p> <p>[51] Int.Cl. 6H01L 21/768 [25] EN [54] METHOD OF SEVERING ELECTRICALLY CONDUCTIVE LINKS WITH ULTRAVIOLET LASER OUTPUT [54] PROCEDE DE PERMETTANT DE SECTIONNER DES CONNEXIONS ELECTRIQUEMENT CONDUCTRICES AU MOYEN D'UNE SORTIE DE LASER ULTRAVIOLET [72] SUN, YUNLONG, US [72] SWENSON, EDWARD, US [71] ELECTRO SCIENTIFIC INDUSTRIES, INC., US [85] 2000-10-30 [86] 1999-06-04 (PCT/US99/12465) [87] 1999-12-09 (WO99/63592) [30] US (09/092,490) 1998-06-05</p>
<p style="text-align: right;">[21] 2,330,597 [13] A1</p> <p>[51] Int.Cl. 6H04L 29/06 6H04Q 11/04 [25] EN [54] ISDN CALL PROCESSING [54] TRAITEMENT D'APPEL RNIS [72] JOSEFSSON, PER, SE [72] LIND, CARINA, SE [72] SJODIN, STAFFAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-10-27 [86] 1999-04-22 (PCT/SE99/00646) [87] 1999-11-04 (WO99/56496) [30] SE (9801477-2) 1998-04-28</p>	<p style="text-align: right;">[21] 2,330,651 [13] A1</p> <p>[51] Int.Cl. 6G01B 7/28 [25] EN [54] METHOD AND APPARATUS FOR DETECTING DEFECTIVE CONTAINERS ON A CONVEYOR [54] METHODE ET PROCEDE DE DETECTION DE RECIPIENTS DEFECTUEUX SUR UNE BANDE TRANSPORTEUSE [72] VANDERWEYST, FRANCIS A., CA [72] VANDEWIEL, JOSEPH G., CA [72] MCINTYRE, NORMAN J., CA [71] LABATT BREWING COMPANY LIMITED, CA [85] 2000-10-30 [86] 1999-04-30 (PCT/CA99/00374) [87] 1999-11-11 (WO99/57505) [30] US (09/069,798) 1998-04-30</p>	<p style="text-align: right;">[21] 2,330,654 [13] A1</p> <p>[51] Int.Cl. 7A61J 7/04 7B65D 83/04 [25] EN [54] A DEVICE FOR ORGANIZING THE COMBINED USE OF TOPICAL AEROSOLS AND ORAL MEDICATION [54] DISPOSITIF D'ORGANISATION DE L'UTILISATION COMBINEE D'AEROSOLS TOPIQUES ET DE MEDICAMENT ORAL [72] WEINSTEIN, ROBERT E., US [72] WEINSTEIN, ALLAN M., US [71] WEINSTEIN, ROBERT E., US [71] WEINSTEIN, ALLAN M., US [85] 2000-10-30 [86] 1998-06-29 (PCT/US98/13683) [87] 2000-01-06 (WO00/00411)</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,330,657 [13] A1</p> <p>[51] Int.Cl. 6G10K 11/02 [25] EN [54] METHOD OF APPLYING A MATCHING LAYER TO A TRANSDUCER [54] PROCEDE POUR APPLIQUER UNE COUCHE D'APPARIEMENT A UN TRANSDUCTEUR [72] MAMAYEK, DON S., US [72] SUORSA, VEIJO, US [71] BOSTON SCIENTIFIC LIMITED, BB [85] 2000-10-30 [86] 1999-04-30 (PCT/EP99/02956) [87] 1999-11-11 (WO99/57712) [30] US (09/071,695) 1998-05-01</p>	<p style="text-align: right;">[21] 2,330,664 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/30 [25] EN [54] A CO-PRESENCE DATA RETRIEVAL SYSTEM [54] SYSTEME D'EXTRACTION DE DONNEES A L'AIDE DE MECANISMES DE COPRESENCE [72] RIMER, JACOB, IL [72] SHAFRIR, AVNER, IL [71] UBIQUE LTD., IL [85] 2000-10-31 [86] 1999-04-29 (PCT/IL99/00223) [87] 1999-11-11 (WO99/57652) [30] US (09/071,873) 1998-05-01</p>	<p style="text-align: right;">[21] 2,330,667 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/40 6A61K 31/44 [25] EN [54] MYCOBACTERIAL INHIBITORS [54] INHIBITEURS MYCOBACTERIENS [72] BALGANESH, MEENAKSHI, IN [72] ETHIRAJULU, KANTHARAJ, IN [72] RAMAMURTHY, NARAYANAN, IN [72] VENKATARAMAN, BALASUBRAMANIAN, IN [72] KAUR, PARVINDER, IN [72] KAJIPALA, RANGARAO, IN [72] NANDAN, SANTOSH, IN [72] JANAKIRAMAN, RAMACHANDRAN, IN [72] GANGULY, BABITA SINGH, IN [72] MURUGAPPAN, RAMANUJULU PONDI, IN [71] ASTRAZENECA AB, SE [85] 2000-10-31 [86] 1999-05-03 (PCT/SE99/00732) [87] 1999-12-23 (WO99/65483) [30] IN (969/MAS/98) 1998-05-05 [30] SE (9802118-1) 1998-06-15</p>
<p style="text-align: right;">[21] 2,330,661 [13] A1</p> <p>[51] Int.Cl. 6H01M 8/12 6H01M 4/86 [25] EN [54] ELECTROCHEMICAL CELL WITH SINTERED ANODE OF METALLIC PARTICLES AND OXIDES [54] CELLULE ELECTROCHIMIQUE PRESENTANT UNE ANODE FRITTEE A BASE DE PARTICULES ET OXYDES METALLIQUES [72] SCHIPPER, GERARDUS SIMON, NL [72] DE JONG, JAN PETER, NL [72] VAN BERKEL, FRANCISCUS PETRUS FELIX, NL [71] STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND, NL [85] 2000-10-30 [86] 1999-05-04 (PCT/NL99/00269) [87] 1999-11-11 (WO99/57779) [30] NL (1009060) 1998-05-04</p>	<p style="text-align: right;">[21] 2,330,665 [13] A1</p> <p>[51] Int.Cl. 6C07K 14/51 6A61K 38/18 6C07K 14/515 [25] EN [54] PROTEIN MIXTURES TO INDUCE THERAPEUTIC ANGIOGENESIS [54] MELANGES DE PROTEINES UTILISEES POUR INDUIRE UNE ANGIOGENESE THERAPEUTIQUE [72] WHITNEY, MARSHA L., US [72] RANIERI, JOHN P., US [72] BENEDICT, JAMES J., US [71] SULZER MEDICA USA INC., US [85] 2000-10-31 [86] 1999-03-02 (PCT/US99/04519) [87] 1999-11-11 (WO99/57146) [30] US (60/083,948) 1998-05-01 [30] US (09/173,989) 1998-10-16</p>	<p style="text-align: right;">[21] 2,330,668 [13] A1</p> <p>[51] Int.Cl. 6B44C 1/22 6C23F 1/02 [25] EN [54] METHOD AND APPARATUS FOR MANUFACTURING CYLINDRICAL ARTICLES [54] PROCEDE ET APPAREIL DE FABRICATION D'ARTICLES CYLINDRIQUES [72] DUFRESNE, MICHAEL J., US [72] LUNDBLAD, LEROY J., US [71] BMC INDUSTRIES, INC., US [85] 2000-10-31 [86] 1999-05-24 (PCT/US99/11404) [87] 1999-12-02 (WO99/61261) [30] US (09/083,703) 1998-05-22</p>
<p style="text-align: right;">[21] 2,330,663 [13] A1</p> <p>[51] Int.Cl. 6C08F 26/02 6C08F 4/04 [25] EN [54] PROCESS FOR PRODUCING AQUEOUS SOLUTION OF MONOALLYLAMINE POLYMER [54] PROCEDE DE FABRICATION D'UNE SOLUTION AQUEUSE D'UN POLYMERE MONOALLYLAMINE [72] KAGENO, KENJI, JP [72] TAKAYAMA, HIROYUKI, JP [72] HAYASHI, IKUO, JP [71] NITTO BOSEKI CO., LTD., JP [85] 2000-10-30 [86] 1999-03-03 (PCT/JP99/01013) [87] 2000-09-08 (WO00/52070)</p>	<p style="text-align: right;">[21] 2,330,666 [13] A1</p> <p>[51] Int.Cl. 6B65D 1/02 [25] EN [54] HOT FILL PLASTIC CONTAINER HAVING SPACED APART ARCHED RIBS [54] RESERVOIR EN PLASTIQUE REMPLI A CHAUD ET POSSEDANT DES NERVURES INCURVEES ELOIGNEES LES UNES DES AUTRES [72] EBERLE, THEODORE F., US [71] CROWN CORK & SEAL TECHNOLOGIES CORPORATION, US [85] 2000-10-31 [86] 1999-04-28 (PCT/US99/09126) [87] 1999-11-11 (WO99/57021) [30] US (09/071,752) 1998-05-01</p>	

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[21] **2,330,669**
[13] A1

[51] **Int.Cl. 6C07D 221/26**
[25] EN
[54] **IMPROVED METHOD FOR PREPARING PHARMACEUTICALLY VALUABLE NORBENZOMORPHANE DERIVATIVES**
[54] **PROCEDE AMELIORE DE PRODUCTION DE DERIVES DE NORBENZOMORPHANE PRECIEUX SUR LE PLAN PHARMACEUTIQUE**
[72] SCHNAUBELT, JURGEN, DE
[72] GRAUERT, MATTHIAS, DE
[72] BALTES, HANFRIED, DE
[71] BOEHRINGER INGELHEIM PHARMA KG, DE
[85] 2000-10-31
[86] 1999-05-07 (PCT/EP99/03142)
[87] 1999-11-25 (WO99/59976)
[30] DE (198 22 822.8) 1998-05-20

[21] **2,330,670**
[13] A1

[51] **Int.Cl. 7B27B 3/18 7B27B 3/16 7B27B 3/20**
[25] EN
[54] **RECIPROCATING SAW COMPRISING A PROGRAM-CONTROLLED FEED CONVEYOR FOR ADVANCING THE ITEM TO BE CUT**
[54] **SCIE ALTERNATIVE A CADRE AVEC TRANSPORTEUR D'AVANCE COMMANDE PAR PROGRAMME POUR LE MATERIAU A COUPER**
[72] DIERMAIER, FRANZ, AT
[72] MAYR, REINHOLD, AT
[71] WINTERSTEIGER GMBH, AT
[85] 2000-10-31
[86] 2000-02-28 (PCT/AT00/00052)
[87] 2000-09-08 (WO00/51795)
[30] AT (A 333/99) 1999-03-01

[21] **2,330,671**
[13] A1

[51] **Int.Cl. 6A61J 1/00**
[25] EN
[54] **PLURA-COMPARTMENT MEDICAL CONTAINER**
[54] **RECIPIENT MEDICAL A CHAMBRES MULTIPLES**
[72] OHTAKE, ISAO, JP
[72] EZAKI, TOMOHIKO, JP
[72] SAITOH, HITOSHI, JP
[72] MIZUO, TAKAYUKI, JP
[72] SAKATA, AKIHIKO, JP
[71] SHOWA DENKO PLASTIC PRODUCTS CO., LTD., JP
[71] SHOWA DENKO K.K., JP
[85] 2000-10-30
[86] 1999-03-02 (PCT/JP99/00992)
[87] 2000-09-08 (WO00/51544)

[21] **2,330,672**
[13] A1

[51] **Int.Cl. 6H02P 7/05**
[25] EN
[54] **DRIVING CIRCUIT FOR SWITCHED RELUCTANCE MACHINES**
[54] **CIRCUIT DE COMMANDE POUR MACHINES A RELUCTANCE COMMUTEE**
[72] PENGGOV, WAYNE A., US
[71] TRIDELTA INDUSTRIES INC., US
[85] 2000-10-31
[86] 1999-05-14 (PCT/US99/10682)
[87] 1999-11-25 (WO99/60695)
[30] US (09/080,033) 1998-05-15

[21] **2,330,673**
[13] A1

[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **METHOD OF DETERMINING THE NUCLEOTIDE SEQUENCE OF OLIGONUCLEOTIDES AND DNA MOLECULES**
[54] **PROCEDE DE DETERMINATION DE LA SEQUENCE NUCLEOTIDIQUE D'OLIGONUCLEOTIDES ET DE MOLECULES D'ADN**
[72] HAYES, MARK A., US
[72] WILLIAMS, PETER, US
[72] BLOOM, LINDA B., US
[72] ROSE, SETH D., US
[72] PIZZICONI, VINCENT B., US
[72] REHA-KRANTZ, LINDA J., CA
[71] ARIZONA BOARD OF REGENTS, US
[71] UNIVERSITY OF ALBERTA, CA
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09616)
[87] 1999-11-11 (WO99/57321)
[30] US (60/083,840) 1998-05-01

[21] **2,330,674**
[13] A1

[51] **Int.Cl. 7A61B 1/06 7A61B 6/00**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING MINIMALLY INVASIVE SURGICAL PROCEDURES**
[54] **PROCEDE ET APPAREIL PERMETTANT DE REALISER DES INTERVENTIONS CHIRURGICALES A EFFRACTION MINIMALE**
[72] UECKER, DARRIN, US
[72] LABY, KEITH, US
[72] JORDAN, CHARLES, US
[72] WILSON, JEFF, US
[72] GHODOUSSI, MODJTABA, US
[72] WRIGHT, JAMES, US
[72] WANG, YULUN, US
[71] COMPUTER MOTION, INC., US
[85] 2000-10-30
[86] 2000-02-28 (PCT/US00/05351)
[87] 2000-09-08 (WO00/51486)
[30] US (09/262,134) 1999-03-03

[21] **2,330,675**
[13] A1

[51] **Int.Cl. 7A61F 2/44**
[25] EN
[54] **INTERVERTEBRAL IMPLANT**
[54] **IMPLANT INTERVERTEBRAL**
[72] LIN, PAUL S., US
[71] LIN, PAUL S., US
[85] 2000-11-09
[86] 2000-02-01 (PCT/US00/02466)
[87] 2000-08-03 (WO00/44320)
[30] US (60/118,115) 1999-02-01
[30] US (09/288,651) 1999-04-09

[21] **2,330,677**
[13] A1

[51] **Int.Cl. 6A01K 39/01**
[25] EN
[54] **FOOD BODY FOR DOMESTIC ANIMALS**
[54] **CORPS DE NOURRITURE POUR ANIMAUX DOMESTIQUES**
[72] BAZZARO, GIANNI, IT
[72] MARTIN, THIERRY, FR
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2000-11-01
[86] 1999-04-26 (PCT/EP99/03017)
[87] 1999-11-11 (WO99/56533)
[30] EP (98108029.4) 1998-05-02

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[21] **2,330,678**
[13] A1
[51] **Int.Cl. 6G01N 33/569 6G01N 33/50**
[25] EN
[54] **METHOD OF DIRECT SELECTION OF ANTIGEN-SPECIFIC T CELLS**
[54] **METHODE DE SELECTION DIRECTE DE CELLULES T ANTIGENES-SPECIFIQUES**
[72] SCHMITZ, JURGEN, DE
[72] MILTENYI, STEFAN, DE
[72] ASSENMACHER, MARIO, DE
[71] MILTENYI BIOTEC GMBH, US
[85] 2000-11-01
[86] 1999-05-10 (PCT/US99/10200)
[87] 1999-11-18 (WO99/58977)
[30] US (60/085,136) 1998-05-11

[21] **2,330,679**
[13] A1
[51] **Int.Cl. 6B65H 9/00 6B32B 31/00 6B65H 35/00 6F16H 35/02 6B65G 47/04 6A61F 13/15**
[25] EN
[54] **PROCESS AND APPARATUS FOR CUTTING OF DISCRETE COMPONENTS OF A MULTI-COMPONENT WORKPIECE AND DEPOSITING THEM WITH REGISTRATION ON A MOVING WEB OF MATERIAL**
[54] **COUPE DE COMPOSANTS DISCRETS D'UNE PIECE MULTICOMPOSANT, PRESENTATION EXACTE DE CES COMPOSANTS SUR UNE BANDE CIRCULANTE DE MATERIAU, ET APPAREIL A CET EFFET**
[72] RAJALA, GREGORY JOHN, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2000-11-01
[86] 1999-05-24 (PCT/US99/11437)
[87] 1999-12-09 (WO99/62801)
[30] US (09/088,354) 1998-06-01

[21] **2,330,680**
[13] A1
[51] **Int.Cl. 6C03C 3/087 6C03C 4/02 6C03C 4/08**
[25] EN
[54] **BLUE PRIVACY GLASS**
[54] **VERRE OPAQUE BLEU**
[72] KRUMWIEDE, JOHN F., US
[72] SHELESTAK, LARRY J., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2000-11-01
[86] 1999-05-11 (PCT/US99/10295)
[87] 1999-11-18 (WO99/58462)
[30] US (09/076,566) 1998-05-12

[21] **2,330,681**
[13] A1
[51] **Int.Cl. 6C07C 231/00 6A01N 37/18**
[25] EN
[54] **CONTROL OF PAIN WITH ENDOGENOUS CANNABINOIDS**
[54] **ELIMINATION DE LA DOULEUR AU MOYEN DE CANNABINOIDES ENDOGENES**
[72] CALIGNANO, ANTONIO, IT
[72] GIOVANNA, LA RANA, IT
[72] PIOMELLI, DANIELE, US
[72] GIUFFRIDA, ANDREA, US
[71] NEUROSCIENCES RESEARCH FOUNDATION, INC., US
[85] 2000-11-01
[86] 1999-05-28 (PCT/US99/11905)
[87] 1999-12-02 (WO99/60987)
[30] US (60/087,289) 1998-05-29

[21] **2,330,682**
[13] A1
[51] **Int.Cl. 6C08G 18/62 6C08K 5/00 6C09D 143/04 6C09D 133/06 6C09D 125/14 6C08K 5/205 6C08K 5/42 6C08K 5/521**
[25] EN
[54] **COATING CONTAINING HYDROXY CONTAINING ACRYLOSILANE POLYMER TO IMPROVE MAR AND ACID ETCH RESISTANCE**
[54] **REVETEMENT QUI COMPREND UN POLYMERE ACRYLOSILANE CONTENANT HYDROXY ET QUI SERT A AMELIORER LA RESISTANCE AUX ERAFLURES ET AUX ACIDES MORDANTS**
[72] NORDSTROM, JOHN DAVID, US
[72] LIN, JUN, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-11-01
[86] 1999-06-18 (PCT/US99/13869)
[87] 1999-12-29 (WO99/67314)
[30] US (09/103,852) 1998-06-24

[21] **2,330,683**
[13] A1
[51] **Int.Cl. 7A61F 13/20 7A61F 13/82**
[25] EN
[54] **BODY-ATTACHABLE INTERLABIAL ARTICLES AND METHODS FOR MAKING THE SAME**
[54] **ARTICLES INTERLABIAUX SE FIXANT AU CORPS ET PROCEDE DE FABRICATION**
[72] LICHSTEIN, BERNARD M., US
[72] LUIZZI, JOSEPH MICHAEL JR., US
[71] MCNEIL-PPC, INC., US
[85] 2000-11-01
[86] 1999-12-07 (PCT/US99/29174)
[87] 2000-07-13 (WO00/40197)
[30] US (09/223,483) 1998-12-30

[21] **2,330,731**
[13] A1
[51] **Int.Cl. 6C12Q 1/68 6C07H 21/02 6C07H 21/04 6C12P 19/34 6C12Q 1/70**
[25] EN
[54] **METHOD FOR DETECTING, ANALYZING, AND MAPPING RNA TRANSCRIPTS**
[54] **PROCEDE POUR DETECTER, ANALYSER ET CARTOGRAPHIER LES TRANSCRITS D'ARN**
[72] LEARY, JEFFREY J., US
[72] TAL-SINGER, RUTH, US
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 2000-12-18
[86] 1999-06-18 (PCT/US99/13813)
[87] 1999-12-29 (WO99/67422)
[30] US (60/090,464) 1998-06-24

[21] **2,330,732**
[13] A1
[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04**
[25] EN
[54] **DETECTION OF NON-VIRAL ORGANISMS WITH SRP RNA**
[54] **DETECTION D'ORGANISMES NON VIRAUX AYANT UN ARN SRP**
[72] WEIR, LAWRENCE, US
[72] BOLES, T. CHRISTIAN, US
[72] STONE, BENJAMIN B., US
[71] MOSAIC TECHNOLOGIES, US
[85] 2000-12-18
[86] 1999-06-18 (PCT/US99/13799)
[87] 1999-12-23 (WO99/66079)
[30] US (60/090,063) 1998-06-19

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[21] **2,330,733**
[13] A1

[51] **Int.Cl. 6C12N 15/54 6C07F 9/10 6C12N 15/11 6C12N 9/12 6A23L 1/30 6C07K 16/40 6G01N 33/50 6G01N 33/53 6C12P 7/64 6C12Q 1/68**
[25] EN
[54] **CLONING OF HUMAN CHOLINE/ETHANOLAMINEPHOSPHOTRANSFERASES; SYNTHESIS OF PHOSPHATIDYLCHOLINE, PHOSPHATIDYLETHANOLAMINE, AND PLATELET ACTIVATING FACTOR**
[54] **CLONAGE DE CHOLINE / ETHANOLAMINEPHOSPHO - TRANSFERASES HUMAINES, SYNTHÈSE DE PHOSPHATIDYL - CHOLINE ET DE PHOSPHATIDYLE - THANOLAMINE ET DU FACTEUR D'ACTIVAL**
[72] HENNEBERRY, ANETTE, CA
[72] MCMASTER, CHRISTOPHER, CA
[71] HENNEBERRY, ANETTE, CA
[71] MCMASTER, CHRISTOPHER, CA
[85] 2000-12-08
[86] 1999-06-07 (PCT/CA99/00513)
[87] 1999-12-16 (WO99/64605)
[30] US (60/088,379) 1998-06-08

[21] **2,330,735**
[13] A1

[51] **Int.Cl. 6C12N 9/12 6C12N 15/54 6C12N 15/63 6C12Q 1/68 6C12N 15/70**
[25] EN
[54] **FY7 POLYMERASE**
[54] **FY7 POLYMERASE**
[72] HUANG, LIN, US
[72] MAMONE, JOSEPH A., US
[72] FULLER, CARL W., US
[72] DAVIS, MARIA, US
[71] AMERSHAM PHARMACIA BIOTECH INC., US
[85] 2000-12-15
[86] 1999-06-17 (PCT/US99/13741)
[87] 1999-12-23 (WO99/65938)
[30] US (60/089,556) 1998-06-17

[21] **2,330,756**
[13] A1

[51] **Int.Cl. 6C07D 471/00**
[25] EN
[54] **INDOLE DERIVATIVES AND THEIR USE IN THE TREATMENT OF MALIGNANT AND OTHER DISEASES CAUSED BY PATHOLOGICAL CELL PROLIFERATION**
[54] **DERIVES INDOLIQUES ET LEUR UTILISATION POUR LE TRAITEMENT DE MALADIES MALIGNES ET AUTRES INDUITES PAR DES PROLIFERATIONS CELLULAIRES PATHOLOGIQUES**
[72] BECKERS, THOMAS, DE
[72] PONGRATZ, HERWIG, DE
[72] BOHMER, FRANK-D., DE
[72] HUFISKY, HARALD, DE
[72] POPP, ALFRED, DE
[72] TELLER, STEFFEN, DE
[72] KUHR, SABINE, DE
[72] UECKER, ANDREA, DE
[72] MAHBOOBI, SIAVOSH, DE
[71] ASTA MEDICA AKTIENGESELLSCHAFT, DE
[85] 2000-11-01
[86] 1999-04-22 (PCT/DE99/01214)
[87] 1999-11-11 (WO99/57117)
[30] DE (198 19 835.3) 1998-05-04
[30] DE (198 38 506.4) 1998-08-25

[21] **2,330,761**
[13] A1

[51] **Int.Cl. 6A23K 1/16**
[25] EN
[54] **USE OF A NATURAL SUBSTANCE CONTAINING THYMOL IN THE MANUFACTURE OF ANIMAL FEED**
[54] **UTILISATION D'UNE SUBSTANCE NATURELLE CONTENANT DU THYMOL POUR LA FABRICATION D'ALIMENTS POUR ANIMAUX**
[72] LOSA, RICCARDO, CH
[72] AEBI, ROBERT, CH
[71] AKZO NOBEL N.V., NL
[85] 2000-11-01
[86] 1999-05-06 (PCT/EP99/03245)
[87] 1999-11-25 (WO99/59430)
[30] SE (9801742-9) 1998-05-18

[21] **2,330,764**
[13] A1

[51] **Int.Cl. 7B05B 1/02 7B05B 7/06**
[25] EN
[54] **MICRO SPRAY GUN**
[54] **MICRO PISTOLET A PEINTURE**
[72] COMPRONI, ARNOLD, US
[72] MILLAN, JORGE, US
[71] NORTHROP GRUMMAN CORPORATION, US
[85] 2000-11-01
[86] 1999-04-21 (PCT/US99/08691)
[87] 1999-11-11 (WO99/56884)
[30] US (09/073,209) 1998-05-04

[21] **2,330,765**
[13] A1

[51] **Int.Cl. 6C12N 5/04 6A01H 1/00 6A01H 5/10 6C12N 15/29 6C12N 15/64 6C12N 15/82**
[25] EN
[54] **NUCLEIC ACIDS THAT CONTROL SEED AND FRUIT DEVELOPMENT IN PLANTS**
[54] **ACIDES NUCLEIQUES REGULANT LE DEVELOPPEMENT DES GRAINES ET DES FRUITS CHEZ LES VEGETAUX**
[72] FISCHER, ROBERT L., US
[72] OHAD, NIR, IL
[72] KIYOSUE, TOMOHIRO, JP
[72] YADEGARI, RAMIN, US
[72] MARGOSSIAN, LINDA, US
[72] HARADA, JOHN, US
[72] GOLDBERG, ROBERT B., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2000-11-01
[86] 1999-05-03 (PCT/US99/09676)
[87] 1999-11-11 (WO99/57247)
[30] US (09/071,838) 1998-05-01
[30] US (09/177,249) 1998-10-22

[21] **2,330,766**
[13] A1

[51] **Int.Cl. 6H04L 12/50**
[25] EN
[54] **SCALABLE HUB**
[54] **CONCENTRATEUR ADAPTATIF**
[72] HASHEMI, HOSSEIN, US
[72] HENSON, KARL M., US
[72] BREWER, DAVID, US
[71] EMULEX CORPORATION, US
[85] 2000-11-01
[86] 1999-04-28 (PCT/US99/09426)
[87] 1999-11-11 (WO99/57855)
[30] US (09/071,508) 1998-05-01

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[21] **2,330,768**
[13] A1

[51] **Int.Cl. 6H04J 14/00 6H04B 10/08**
[25] EN
[54] **AUTOMATIC ISOLATION IN LOOPS**
[54] **ISOLATION AUTOMATIQUE DANS DES RESEAUX EN BOUCLE**
[72] BREWER, DAVID, US
[72] HENSON, KARL M., US
[72] BALDWIN, DAVID, US
[72] HASHEMI, HOSSEIN, US
[71] EMULEX CORPORATION, US
[85] 2000-11-01
[86] 1999-04-27 (PCT/US99/09123)
[87] 1999-11-11 (WO99/57833)
[30] US (09/071,678) 1998-05-01

[21] **2,330,770**
[13] A1

[51] **Int.Cl. 6H04J 3/14**
[25] EN
[54] **AUTOMATIC LOOP SEGMENT FAILURE ISOLATION**
[54] **ISOLATION AUTOMATIQUE DE DEFAILLANCE DE SEGMENT DE BOUCLE**
[72] BALDWIN, DAVID, US
[72] BREWER, DAVID, US
[71] EMULEX CORPORATION, US
[85] 2000-11-01
[86] 1999-04-29 (PCT/US99/09478)
[87] 1999-11-11 (WO99/57831)
[30] US (09/071,288) 1998-05-01

[21] **2,330,779**
[13] A1

[51] **Int.Cl. 6C09D 9/04 6B01F 17/00 6D21C 5/02**
[25] FR
[54] **COMPOSITIONS LIQUIDES DE DESENCRAGE A BASE DE COMPOSES TERPENIQUES POLYALKOXYLES ET LEUR UTILISATION POUR LE DESENCRAGE DU PAPIER**
[54] **LIQUID DE-INKING COMPOSITIONS BASED ON POLYALKOXYLATED TERPENIC COMPOUNDS AND THEIR USE FOR DE-INKING**
[72] LAFON, MARIE-ODILE, FR
[71] RHODIA CHIMIE, FR
[85] 2000-10-27
[86] 1999-04-26 (PCT/FR99/00983)
[87] 1999-11-04 (WO99/55786)
[30] FR (98/05316) 1998-04-28

[21] **2,330,783**
[13] A1

[51] **Int.Cl. 6G01C 21/20 6G09G 5/02 6G09G 5/06**
[25] EN
[54] **NAVIGATION SYSTEM WITH ANTI-ALIAS MAP DISPLAY**
[54] **SYSTEME D NAVIGATION AVEC TRAITEMENT ANTICRENELAGE DES CARTES**
[72] MILLINGTON, JEFFREY ALAN, US
[72] SLOMINSKI, ANTHONY ALBERT, US
[71] MAGELLAN DIS, INC., US
[85] 2000-11-01
[86] 1999-04-16 (PCT/US99/08462)
[87] 1999-11-11 (WO99/57518)
[30] US (60/084,231) 1998-05-05
[30] US (09/160,068) 1998-09-24

[21] **2,330,785**
[13] A1

[51] **Int.Cl. 7B41M 5/00**
[25] EN
[54] **INK JET RECORDING PAPER**
[54] **PAPIER D'ENREGISTREMENT DE JET D'ENCRE**
[72] MOURI, NAOKO, JP
[72] TOMOTAKE, YOSHIKI, JP
[71] TOKUSHU PAPER MFG. CO., LTD., JP
[85] 2000-11-01
[86] 2000-02-24 (PCT/JP00/01055)
[87] 2000-09-14 (WO00/53424)
[30] JP (11/57793) 1999-03-05
[30] JP (11/356916) 1999-12-16
[30] JP (2000/34849) 2000-02-14

[21] **2,330,787**
[13] A1

[51] **Int.Cl. 7F24F 13/068**
[25] EN
[54] **AIR COOLING ELEMENT, METHOD FOR OPERATING THE SAME, AND AN AIR COOLING ARRANGEMENT**
[54] **ELEMENT DE REFROIDISSEMENT A AIR, PROCEDE PERMETTANT DE LE FAIRE FONCTIONNER, ET DISPOSITIF DE REFROIDISSEMENT A AIR**
[72] SCHONBACHLER, BEAT, CH
[72] SOKOLEAN, HELMUTH, CH
[72] ROSCHMANN, KLAUS, CH
[72] ENDER, JOSEF, CH
[71] BARCOL-AIR AG, CH
[85] 2000-11-01
[86] 2000-02-25 (PCT/CH00/00104)
[87] 2000-09-08 (WO00/52395)
[30] CH (388/99) 1999-03-03

[21] **2,330,788**
[13] A1

[51] **Int.Cl. 6H01Q 3/02**
[25] EN
[54] **PATCH ANTENNA WITH AN ELECTRICALLY SMALL GROUND PLATE USING PERIPHERAL PARASITIC STUBS**
[54] **ANTENNE A PLAQUE A PLAQUE DE TERRE PETITE AU PLAN ELECTRIQUE, DANS LAQUELLE DES TENONS PERIPHERIQUES NON ALIMENTES SONT UTILISES**
[72] VAN HOOZEN, ALLEN LEE, US
[71] NORTHROP GRUMMAN CORPORATION, US
[85] 2000-11-01
[86] 1999-03-30 (PCT/US99/06907)
[87] 1999-11-18 (WO99/59221)
[30] US (09/075,091) 1998-05-08

[21] **2,330,790**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6B01L 3/00**
[25] EN
[54] **METHOD AND DEVICE FOR ISOLATING NUCLEIC ACIDS**
[54] **PROCEDE ET DISPOSITIF POUR ISOLER DES ACIDES NUCLEIQUES**
[72] VITZTHUM, FRANK, DE
[72] TOVAR, GUNTER, DE
[72] BRUNNER, HERWIG, DE
[72] BERNHAGEN, JURGEN, DE
[72] KIESEWETTER, STEFAN, DE
[72] KOCH-PELSTER, BRIGITTE, DE
[72] EYB, HUBERTUS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2000-11-01
[86] 1999-05-04 (PCT/EP99/03039)
[87] 1999-11-11 (WO99/57313)
[30] DE (198 19 889.2) 1998-05-04
[30] DE (199 06 277.3) 1999-02-15

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[21] **2,330,791**
[13] A1

[51] **Int.Cl. 6H04J 14/02**
[25] EN
[54] **REAL TIME WAVELENGTH MONITORING CIRCUIT**
[54] **CIRCUIT DE SURVEILLANCE DE LONGUEUR D'ONDE EN TEMPS REEL**
[72] ZHONG, SHAN, US
[72] LI, HAIFENG, US
[72] CHEN, YUNG, JUI, US
[71] UNIVERSITY OF MARYLAND BALTIMORE COUNTRY, US
[85] 2000-11-01
[86] 1999-05-03 (PCT/US99/09573)
[87] 1999-11-11 (WO99/57834)
[30] US (09/070,797) 1998-05-01

[21] **2,330,792**
[13] A1

[51] **Int.Cl. 6C08F 12/30 6C07C 309/11 6H01B 1/12 6C07C 317/18 6H01M 6/18 6C07C 311/24 6H01M 10/40 6C08G 63/688**
[25] EN
[54] **AROMATIC POLYMERS WITH PENDANT FLUORINATED IONIC GROUPS**
[54] **POLYMERES AROMATIQUES PORTANT DES GROUPE IONIQUES FLUORES PENDANTS**
[72] DOYLE, CHRISTOPHER MARC, US
[72] FIERING, ANDREW EDWARD, US
[72] CHOI, SUSAN KUHARCIK, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-11-01
[86] 1999-06-25 (PCT/US99/14397)
[87] 1999-12-29 (WO99/67304)
[30] US (60/090,620) 1998-06-25
[30] US (60/093,226) 1998-07-17

[21] **2,330,795**
[13] A1

[51] **Int.Cl. 6E21B 43/117 6E21B 43/1185**
[25] EN
[54] **FULL BORE GUN SYSTEM**
[54] **SYSTEME DE CANON POUR FORAGE TOTAL**
[72] ROLLINS, JAMES, US
[72] ANDRICH, LILE, US
[72] WESSON, DAVID S., US
[72] SHEWCHENKO, DON, US
[71] OWEN OIL TOOLS, INC., US
[85] 2000-11-01
[86] 1999-07-09 (PCT/US99/15526)
[87] 2000-01-20 (WO00/03117)
[30] US (09/112,713) 1998-07-09

[21] **2,330,796**
[13] A1

[51] **Int.Cl. 6C07D 401/14 6A61K 31/40**
[25] EN
[54] **INDOLE DERIVATIVES AS 5-HT2A REUPTAKE INHIBITORS**
[54] **DERIVES D'INDOLE AGISSANT COMME DES LIGANDS DE 5-HT2A ET COMME DES INHIBITEURS DE REABSORPTION DE LA SEROTONINE**
[74] GALLAGHER, PETER THADDEUS, GB
[72] FAIRHURST, JOHN, GB
[72] SMITH, COLIN WILLIAM, GB
[72] OWTON, WILLIAM MARTIN, GB
[72] MILES, MARTIN VICTOR, GB
[71] ELI LILLY AND COMPANY LIMITED, GB
[85] 2000-11-01
[86] 1999-05-11 (PCT/GB99/01474)
[87] 1999-11-18 (WO99/58525)
[30] GB (9810886.3) 1998-05-13

[21] **2,330,798**
[13] A1

[51] **Int.Cl. 7C07D 401/06 7C07D 491/048 7A61P 33/06 7A61K 31/517**
[25] EN
[54] **FEBRIFUGINE AND ISOFEBRIFUGINE AND PROCESSES FOR THE PREPARATION OF BOTH**
[54] **FEBRIFUGINE ET ISOFEBRIFUGINE, ET LEURS PROCEDES DE PREPARATION**
[72] WATAYA, YUSUKE, JP
[72] KOBAYASHI, SHU, JP
[72] KIM, HYE-SOOK, JP
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
[85] 2000-11-01
[86] 2000-03-01 (PCT/JP00/01192)
[87] 2000-09-08 (WO00/52005)
[30] JP (11/52631) 1999-03-01

[21] **2,330,800**
[13] A1

[51] **Int.Cl. 6B65D 47/20**
[25] FR
[54] **DISPOSITIF HERMETIQUE DE DISTRIBUTION DE FLUIDE**
[54] **SEALED FLUID DISPENSING DEVICE**
[72] NICKELS, JEAN-CHARLES, FR
[72] SCHNERB, COLETTE, FR
[71] NICKELS, JEAN-CHARLES, FR
[71] SCHNERB, COLETTE, FR
[85] 2000-10-27
[86] 1999-04-29 (PCT/FR99/01023)
[87] 1999-11-04 (WO99/55594)
[30] FR (98/05394) 1998-04-29

[21] **2,330,802**
[13] A1

[51] **Int.Cl. 6A61B 17/70**
[25] FR
[54] **SYSTEME D'OSTEOSYNTHESE RACHIDIENNE AVEC MOYENS DE SERRAGE NOTAMMENT POUR UNE FIXATION ANTERIEURE**
[54] **BACKBONE OSTEOSYNTHESIS SYSTEM WITH CLAMPING MEANS IN PARTICULAR FOR ANTERIOR FIXING**
[72] LE COUEDIC, REGIS, FR
[72] CONCHY, FREDERIC, FR
[72] ASSAKER, RICHARD, BE
[71] DIMSO (DISTRIBUTION MEDICALE DU SUD-OUEST), FR
[85] 2000-10-27
[86] 1999-04-29 (PCT/FR99/01020)
[87] 1999-11-04 (WO99/55247)
[30] FR (98/05387) 1998-04-29
[30] FR (98/12662) 1998-10-09

[21] **2,330,803**
[13] A1

[51] **Int.Cl. 6A61B 17/70**
[25] FR
[54] **SYSTEME D'OSTEOSYNTHESE RACHIDIENNE AVEC BRIDE ET VERROU**
[54] **BACKBONE OSTEOSYNTHESIS SYSTEM WITH COLLAR AND LOCK**
[72] BACCELLI, CHRISTIAN, FR
[72] GAUCHET, FABIEN, FR
[72] VIENNEY, FECILE, FR
[71] DIMSO (DISTRIBUTION MEDICALE DU SUD-OUEST), FR
[85] 2000-10-30
[86] 1999-04-29 (PCT/FR99/01021)
[87] 1999-11-11 (WO99/56652)
[30] FR (98/05525) 1998-04-30
[30] FR (99/00703) 1999-01-22

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[21] **2,330,805**
[13] A1

[51] **Int.Cl. 6B01D 39/16 6B01D 39/00 6B01D 46/00**
[25] FR
[54] **FILTRE A AIR TRIBOELECTRIQUE**
[54] **TRIBOELECTRIC AIR FILTER**
[72] AUGER, Richard, CA
[71] TEXEL INC., CA
[85] 2000-10-30
[86] 1998-05-13 (PCT/CA98/00470)
[87] 1999-11-18 (WO99/58224)

[21] **2,330,806**
[13] A1

[51] **Int.Cl. 6A61N 1/32**
[25] FR
[54] **DISPOSITIF D'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENT PAR IONOPHORESE**
[54] **DEVICE FOR TRANSDERMAL ADMINISTRATION OF MEDICINE BY IONOTHERAPY**
[72] MILLOT, PHILIPPE PIERRE MARIE, FR
[72] LAMOISE, MICHEL, FR
[72] GICQUEL, MICHEL ERNEST JOSEPH, FR
[71] IOMED, INC., US
[85] 2000-10-30
[86] 1999-04-29 (PCT/FR99/01024)
[87] 1999-11-11 (WO99/56819)
[30] FR (98/05473) 1998-04-30

[21] **2,330,807**
[13] A1

[51] **Int.Cl. 6A61K 7/06**
[25] FR
[54] **UTILISATION D'INHIBITEURS DE METALLOPROTEINASES POUR INDUIRE ET/OU STIMULER LA CROISSANCE DES CHEVEUX OU DES POILS ET/OU FREINER LEUR CHUTE**
[54] **USE OF METALLOPROTEINASE INHIBITORS FOR INDUCING AND/OR STIMULATING GROWTH OF HAIR OR HAIRS AND/OR FOR SLOWING DOWN THEIR LOSS**
[72] JARROUSSE, FRANCOISE, FR
[72] MAHE, YANN, FR
[71] L'OREAL, FR
[85] 2000-10-30
[86] 1999-05-11 (PCT/FR99/01124)
[87] 1999-11-18 (WO99/58101)
[30] FR (98/05968) 1998-05-12

[21] **2,330,808**
[13] A1

[51] **Int.Cl. 7A01N 37/16 7A01N 59/00**
[25] FR
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION ANTIMICROBIENNE**
[54] **METHOD FOR PREPARING AN ANTIMICROBIAL COMPOSITION**
[72] LETARTRE, BERTRAND, FR
[71] LABORATOIRES ANIOS, FR
[85] 2000-10-30
[86] 2000-03-02 (PCT/FR00/00523)
[87] 2000-09-14 (WO00/53011)
[30] FR (99/02927) 1999-03-05

[21] **2,330,809**
[13] A1

[51] **Int.Cl. 7B41J 13/12 7G07B 17/00**
[25] FR
[54] **DISPOSITIF POUR IMPRIMER UN SIGNE ET MACHINE A AFFRANCHIR LE COMPORTANT**
[54] **DEVICE FOR SYMBOL PRINTING AND FRANKING MACHINE COMPRISING SAME**
[72] BAUMANN, HERVE, FR
[72] COUDRAY, GERARD, FR
[72] BEORD, JACQUES, FR
[71] SECAP, FR
[71] ASCOM HASLER MAILING SYSTEMS AG, CH
[85] 2000-10-31
[86] 2000-03-15 (PCT/FR00/00624)
[87] 2000-09-21 (WO00/54976)
[30] FR (99/03253) 1999-03-16

[21] **2,330,810**
[13] A1

[51] **Int.Cl. 6F24F 3/00 6F24F 12/00 6F24F 11/053**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE CLIMATISATION**
[54] **AIR CONDITIONING METHOD AND DEVICE**
[72] RIBO, ROBERT, FR
[71] RIBO, ROBERT, FR
[85] 2000-10-31
[86] 1999-05-04 (PCT/FR99/01059)
[87] 1999-11-11 (WO99/57491)
[30] FR (98/05616) 1998-05-04

[21] **2,330,811**
[13] A1

[51] **Int.Cl. 6C07F 9/58 6C07F 9/6558 6A61K 31/675**
[25] EN
[54] **MONOMERIC, OLIGOMERIC AND POLYMERIC KNOEVENAGEL CONDENSATION PRODUCTS**
[54] **CONDENSATS KNOEVENAGEL MONOMERES, OLIGOMERES ET POLYMERES**
[72] KESEL, ANDREAS JOHANNES, DE
[72] OBERTHUR, WALTER, DE
[71] KESEL, ANDREAS JOHANNES, DE
[71] OBERTHUR, WALTER, DE
[85] 2000-11-01
[86] 1999-04-30 (PCT/EP99/02960)
[87] 1999-11-11 (WO99/57124)
[30] DE (198 19 820.5) 1998-05-04

[21] **2,330,812**
[13] A1

[51] **Int.Cl. 6C07F 5/02 6C07D 303/00 6C07D 313/00 6C07D 493/04 6A61K 31/365 6A61K 31/425 6A01N 43/90**
[25] EN
[54] **EPOTHILONE DERIVATIVES, A METHOD FOR THE PRODUCTION THEREOF, AND THEIR USE**
[54] **DERIVES D'EPOTHILONE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] LEIBOLD, THOMAS, DE
[72] HOEFLE, GERHARD, DE
[71] GESELLSCHAFT FUR BIOTECHNOLOGISCHE FORSCHUNG MBH (GBF), DE
[85] 2000-11-01
[86] 1999-05-07 (PCT/EP99/03159)
[87] 1999-11-18 (WO99/58534)
[30] DE (198 20 599.6) 1998-05-08

[21] **2,330,814**
[13] A1

[51] **Int.Cl. 6C12Q 1/04 6B01L 3/00 6C12N 7/00 6C12M 1/32**
[25] EN
[54] **BACTERIOPHAGE ASSAY**
[54] **DETERMINATION DE BACTERIOPHAGES**
[72] HYMAN, LIZBETH JANE, GB
[72] TOTH, IAN KAROLY, GB
[71] SCOTTISH CROP RESEARCH INSTITUTE, GB
[85] 2000-11-01
[86] 1999-04-30 (PCT/GB99/01363)
[87] 1999-11-11 (WO99/57304)
[30] GB (9809414.7) 1998-05-02

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[21] **2,330,819**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12N 15/10 6G01N 1/34**
[25] EN
[54] **ELECTRICAL INTEGRATED NUCLEIC ACID ISOLATION, PURIFICATION AND DETECTION**
[54] **ISOLEMENT, PURIFICATION ET DETECTION INTEGRES, PAR VOIE ELECTRIQUE, D'ACIDES NUCLEIQUES**
[72] TOVAR, GUNTER, DE
[72] GEIGER, GEORG, DE
[72] VITZTHUM, FRANK, DE
[72] ELKINE, BENTSIAN, DE
[72] BERNHAGEN, JURGEN, DE
[72] BRUNNER, HERWIG, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2000-11-01
[86] 1999-05-04 (PCT/EP99/03047)
[87] 1999-11-11 (WO99/57314)
[30] DE (198 19 889.2) 1998-05-04
[30] DE (199 06 277.3) 1999-02-15

[21] **2,330,822**
[13] A1

[51] **Int.Cl. 6A63B 26/00 6A63B 69/00**
[25] EN
[54] **TRAINING DUMMY ASSEMBLY IN HUMAN FORM**
[54] **ENSEMBLE MANNEQUIN D'ENTRAINEMENT A FORME HUMAINE**
[72] GRANO, ANTHONY, US
[72] ROBERTS, FRED, US
[72] ROBERTS, DONALD, US
[71] CONTROLLED FORCE, US
[85] 2000-11-01
[86] 1999-04-22 (PCT/US99/09043)
[87] 1999-11-11 (WO99/56835)
[30] US (09/071,221) 1998-05-01

[21] **2,330,825**
[13] A1

[51] **Int.Cl. 7E05B 73/00 7G06F 1/16**
[25] EN
[54] **PDA LOCK**
[54] **ANTIVOL POUR ASSISTANT NUMERIQUE**
[72] ZEREN, GREGORY, US
[72] MYERS, GARY, US
[71] ACCO BRANDS, INC., US
[85] 2000-11-01
[86] 1999-03-29 (PCT/IB99/00804)
[87] 2000-09-21 (WO00/55458)
[30] US (09/267,421) 1999-03-12

[21] **2,330,826**
[13] A1

[51] **Int.Cl. 6C12N 5/08 6C07K 19/00 6A61K 38/17 6C07K 16/18 6C07K 16/28 6A61K 39/395 6C07K 16/40 6C12N 15/62 6C12N 15/85**
[25] EN
[54] **MYELIN BASIC PROTEIN PEPTIDES AND USES THEREOF**
[54] **PEPTIDES DE PROTEINE BASIQUE DE MYELINE ET UTILISATIONS DE CEUX-CI**
[72] DESHPANDE, SHRIKANT, US
[72] ARIMILLI, SUBHASHINI, US
[71] CORIXA CORPORATION, US
[85] 2000-11-01
[86] 1999-05-05 (PCT/US99/09930)
[87] 1999-11-11 (WO99/57241)
[30] US (09/073,109) 1998-05-05

[21] **2,330,831**
[13] A1

[51] **Int.Cl. 6G08B 21/00**
[25] EN
[54] **TILT COMPENSATION APPARATUS AND METHOD FOR USE WITH A MONOPOD MOUNTED LASER RANGE FINDER APPARATUS**
[54] **DISPOSITIF ET PROCEDURE SERVANT A CORRIGER L'INCLINAISON D'UN APPAREIL DE TELEMETRIE LASER MONTE SUR UN PIED MONOBRANCHE**
[72] DUNNE, JEREMY G., US
[71] LASER TECHNOLOGY, INC., US
[85] 2000-11-01
[86] 1999-04-28 (PCT/US99/09207)
[87] 1999-11-11 (WO99/57695)
[30] US (09/072,286) 1998-05-04

[21] **2,330,832**
[13] A1

[51] **Int.Cl. 6H04Q 7/38**
[25] EN
[54] **MULTICELL AREA PAGING FOR CELLULAR TELECOMMUNICATIONS SYSTEM**
[54] **RADIOMESSAGERIE DANS UN SECTEUR MULTICELLULAIRE POUR SYSTEME DE TELECOMMUNICATIONS CELLULAIRE**
[72] LAGNEBORG, JOHAN, SE
[72] WALLENTIN, PONTUS, SE
[72] PALM, HAKAN, SE
[72] RUNE, GORAN, SE
[72] NORDMAN, MIKAEL, FI
[72] WILLARS, PER, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-11-01
[86] 1999-04-29 (PCT/SE99/00707)
[87] 1999-11-11 (WO99/57935)
[30] US (09/071,886) 1998-05-05

[21] **2,330,835**
[13] A1

[51] **Int.Cl. 6H04Q 3/00 6H04M 15/00 6H04L 12/14**
[25] EN
[54] **SERVICE PROVISION SUPPORT SYSTEM**
[54] **SYSTEME D'ASSISTANCE AUX PRESTATIONS DE SERVICE**
[72] ELLIS, MARTIN JOHN, GB
[72] FARR, JEFFREY ROGER, GB
[72] JAMES-BELL, DUNCAN CHARLES, GB
[72] WARREN, NIGEL, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2000-11-01
[86] 1999-05-26 (PCT/GB99/01661)
[87] 1999-12-02 (WO99/62272)
[30] GB (9811267.5) 1998-05-26
[30] EP (98304144.3) 1998-05-26

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[21] **2,330,839**
[13] A1
[51] **Int.Cl. 6C12N 15/60 6A01H 1/00**
6A01H 5/00 6A01H 5/10 6C12N 1/21
6C12N 15/63
[25] EN
[54] **GENE OF RICE**
DIHYDRODIPICOLINATE SYNTHASE
AND DNA RELATING TO THE SAME
[54] **GENE DE LA**
DIHYDRODIPICOLINATE SYNTHASE
DU RIZ ET ADN ASSOCIE
[72] HASEGAWA, HISAKAZU, JP
[72] YAMAGUCHI, MASANORI, JP
[72] TERAKAWA, TERUHIKO, JP
[71] HOKKO CHEMICAL INDUSTRY CO.,
LTD., JP
[85] 2000-12-01
[86] 1998-04-17 (PCT/JP98/01784)
[87] 1999-10-28 (WO99/54483)

[21] **2,330,840**
[13] A1
[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **DIAGNOSTIC METHOD BASED**
ON QUANTIFICATION OF
EXTRAMITOCHONDRIAL DNA
[54] **METHODE DIAGNOSTIQUE**
BASEE SUR LA QUANTIFICATION
D'ADN EXTRAMITOCHONDRIAL
[72] GHOSH, SOUMITRA S., US
[72] CLEVENGER, WILLIAM, US
[72] HERRNSTADT, CORINNA, US
[72] FAHY, EOIN D., US
[72] DAVIS, ROBERT E., US
[71] MITOKOR, US
[85] 2000-12-15
[86] 1999-06-14 (PCT/US99/13426)
[87] 1999-12-23 (WO99/66075)
[30] US (09/098,079) 1998-06-15
[30] US (09/097,889) 1998-06-15
[30] US (09/302,681) 1999-04-30

[21] **2,330,842**
[13] A1
[51] **Int.Cl. 6C12N 15/12 6A61K 48/00**
6C12N 15/11 6C12N 1/21 6C12Q 1/37
6C07K 14/47 6G01N 33/68
[25] EN
[54] **TRUNCATED APAF-1 AND**
METHODS OF USE THEREOF
[54] **APAF-1 TRONQUEE ET SES**
PROCEDES D'UTILISATION
[72] ALNEMRI, EMAD S., US
[71] THOMAS JEFFERSON UNIVERSITY,
US
[85] 2000-12-15
[86] 1999-06-14 (PCT/US99/13424)
[87] 1999-12-23 (WO99/65937)
[30] US (09/098,310) 1998-06-16

[21] **2,330,844**
[13] A1
[51] **Int.Cl. 6G02B 6/18 6G02B 6/22**
[25] EN
[54] **OPTICAL FIBER**
[54] **FIBRE OPTIQUE**
[72] SASAOKA, EISUKE, JP
[72] ONISHI, MASASHI, JP
[72] KATO, TAKATOSHI, JP
[71] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[85] 2000-10-30
[86] 1998-12-22 (PCT/JP98/05824)
[87] 1999-11-11 (WO99/57587)
[30] JP (P1998-121262) 1998-04-30

[21] **2,330,845**
[13] A1
[51] **Int.Cl. 6H04Q 7/22**
[25] EN
[54] **ALLOCATION OF CHANNELS**
FOR PACKET DATA SERVICES
[54] **ATTRIBUTION DE VOIES A DES**
SERVICES DE DONNEES EN PAQUETS
[72] ASUND, ASA, SE
[72] HJELM, SUZANNE, SE
[71] TELEFONAKTIEBOLAGET LM
ERICSSON, SE
[85] 2000-10-30
[86] 1999-04-16 (PCT/SE99/00610)
[87] 1999-11-11 (WO99/57924)
[30] US (09/069,939) 1998-04-30

[21] **2,330,846**
[13] A1
[51] **Int.Cl. 6H04Q 7/22**
[25] EN
[54] **DYNAMIC ALLOCATION OF**
PACKET DATA CHANNELS
[54] **ATTRIBUTION DYNAMIQUE DES**
CANAUX POUR DONNEES PAR
PAQUETS
[72] RIMHAGEN, THOMAS, SE
[72] HELMERSSON, KE WANG, SE
[71] TELEFONAKTIEBOLAGET LM
ERICSSON, SE
[85] 2000-10-30
[86] 1999-04-27 (PCT/SE99/00688)
[87] 1999-11-11 (WO99/57925)
[30] US (09/069,969) 1998-04-30

[21] **2,330,848**
[13] A1
[51] **Int.Cl. 6H04L 1/16**
[25] EN
[54] **METHOD AND MEANS FOR**
PROCESSING INFORMATION
[54] **PROCEDES ET SYSTEMES POUR**
LE TRAITEMENT DE
L'INFORMATION
[72] OLOFSSON, HAKAN GUNNAR, SE
[72] WESTERBERG, LARS ERIK, SE
[71] TELEFONAKTIEBOLAGET LM
ERICSSON, SE
[85] 2000-10-30
[86] 1999-04-16 (PCT/SE99/00611)
[87] 1999-11-11 (WO99/57840)
[30] SE (9801529-0) 1998-04-30

[21] **2,330,849**
[13] A1
[51] **Int.Cl. 6A01M 29/00**
[25] EN
[54] **DEVICE PROVIDING**
PROTECTION AGAINST INSECT
BITES WITHOUT MODIFYING THE
ECOLOGICAL BALANCE
[54] **DISPOSITIF POUR PROTEGER**
CONTRE LES PIQUES D'INSECTES
SANS MODIFIER L'EQUILIBRE
ECOLOGIQUE
[72] STOLL, KURT, CH
[71] STOLL, KURT, CH
[85] 2000-10-30
[86] 1999-04-27 (PCT/CH99/00173)
[87] 1999-11-04 (WO99/55151)
[30] CH (967/98) 1998-04-29

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[21] **2,330,850**
[13] A1

[51] **Int.Cl. 6B65B 35/56 6A22C 25/04 6A22C 25/08 6B65G 57/08 6A22C 25/12 6B07C 5/16 6B65G 47/24**
[25] EN
[54] **METHOD AND SYSTEM FOR PORTIONING AND ORIENTATING WHOLE FISH OR OTHER ELONGATE, NON-SYMETRICAL ARTICLES**
[54] **PROCEDE ET SYSTEME PERMETTANT DE REPARTIR EN PORTIONS ET D'ORIENTER DES POISSONS ENTIERS OU D'AUTRES ARTICLES ALLONGES DE FORMES NON SYMETRIQUES**
[72] NIELSEN, ULRICH CARLIN, DK
[71] SCANVAEGT INTERNATIONAL A/S, DK
[85] 2000-10-30
[86] 1999-04-29 (PCT/DK99/00235)
[87] 1999-11-11 (WO99/57016)
[30] DK (0599/98) 1998-04-30
[30] DK (PA 1999 00338) 1999-03-10

[21] **2,330,852**
[13] A1

[51] **Int.Cl. 6A01N 25/28 6A01N 31/02 6A01N 35/02 6A01N 37/02**
[25] EN
[54] **MICROSPHERES AS A DELIVERY VEHICLE FOR BIO-ACTIVE AGENTS USEFUL IN AGRICULTURAL APPLICATIONS**
[54] **MICROBILLES UTILISEES EN TANT QUE VEHICULE D'ADMINISTRATION POUR AGENTS BIO-ACTIFS, ET UTILES DANS DES APPLICATIONS AGRICOLES**
[72] LI, KAI, US
[72] BANOVTZ, JOHN P., US
[72] NIELSEN, KENT E., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-10-30
[86] 1999-03-19 (PCT/US99/06064)
[87] 1999-11-11 (WO99/56541)
[30] US (09/071,567) 1998-05-01

[21] **2,330,853**
[13] A1

[51] **Int.Cl. 6B24D 3/28 6C09D 163/00**
[25] EN
[54] **COATED ABRASIVE ARTICLE**
[54] **ARTICLE ABRASIF REVETU**
[72] MASMAR, CRAIG A., US
[72] DEVOE, ROBERT J., US
[72] DAHLKE, GREGG D., US
[72] CLAUSEN, THOMAS M., US
[72] GEORGE, CLAYTON A., US
[72] KARIM, NAIMUL, US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-10-30
[86] 1999-03-05 (PCT/US99/04963)
[87] 1999-11-11 (WO99/56913)
[30] US (09/070,976) 1998-05-01

[21] **2,330,855**
[13] A1

[51] **Int.Cl. 6A01K 45/00 6A61M 5/19**
[25] EN
[54] **AUTOMATED IN OVO INJECTION APPARATUS**
[54] **APPAREIL AUTOMATISE D'INJECTION DANS L'OEUF**
[72] WILLIAMS, CHRISTOPHER J., US
[71] EMBREX, INC., US
[85] 2000-10-30
[86] 1999-01-11 (PCT/US99/00572)
[87] 1999-07-15 (WO99/34667)
[30] US (60/071,211) 1998-01-12

[21] **2,330,856**
[13] A1

[51] **Int.Cl. 6C07D 209/12 6C07D 209/32 6C07D 209/34**
[25] EN
[54] **SPLA2 INHIBITOR COMPOUNDS FOR TREATMENT OF DISEASE**
[54] **COMPOSES INHIBITEURS DE SPLA2 POUR TRAITER UNE MALADIE**
[72] MACIAS, WILLIAM LOUIS, US
[71] ELI LILLY AND COMPANY, US
[85] 2000-11-01
[86] 1999-04-20 (PCT/US99/08654)
[87] 1999-11-11 (WO99/57100)
[30] US (60/083,874) 1998-05-01

[21] **2,330,857**
[13] A1

[51] **Int.Cl. 6H04L 29/06**
[25] EN
[54] **USER SPECIFIC AUTOMATIC DATA REDIRECTION SYSTEM**
[54] **SYSTEME DE REACHEMINEMENT AUTOMATIQUE DE DONNEES, SPECIFIQUE A L'UTILISATEUR**
[72] YEUNG, MOON TAI, US
[72] IKUDOME, KOICHIRO, US
[71] AURIC WEB SYSTEMS, US
[85] 2000-11-02
[86] 1999-04-29 (PCT/US99/09362)
[87] 1999-11-11 (WO99/57866)
[30] US (60/084,014) 1998-05-04
[30] US (09/295,966) 1999-04-21

[21] **2,330,859**
[13] A1

[51] **Int.Cl. 6C12N 9/96 6C12N 9/48 6C12N 9/68 6C12N 9/70 6C12N 9/72**
[25] EN
[54] **SIZE ENHANCED FIBRINOLYTIC ENZYMES**
[54] **ENZYMES FIBRINOLYTIQUES DE TAILLE AMELIOREE**
[72] SWENSON, STEVEN D., US
[72] MARKLAND, FRANCIS S., US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2000-11-02
[86] 1999-05-06 (PCT/US99/10108)
[87] 1999-11-18 (WO99/58651)
[30] US (60/084,833) 1998-05-08

[21] **2,330,861**
[13] A1

[51] **Int.Cl. 7G11B 7/24 7G11B 7/26**
[25] EN
[54] **IMPROVED OPTICAL SUPPORT FOR DATA STORAGE AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **SUPPORT OPTIQUE AMELIORE POUR LE STOCKAGE DE DONNEES ET SON PROCEDE DE FABRICATION**
[72] GIRARDI, LEONARDO, IT
[72] SALPIANI, GIAMPIETRO, IT
[71] BELGRAVE CORPORATE SERVICES LTD., GB
[85] 2000-10-30
[86] 1999-10-07 (PCT/IB99/01642)
[87] 2000-04-13 (WO00/21080)
[30] IT (RM98U000242) 1998-10-07
[30] IT (RM98U000243) 1998-10-07
[30] IT (RM98U000244) 1998-10-07
[30] IT (RM98A000635) 1998-10-07

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[21] **2,330,862**
[13] A1
[51] **Int.Cl. 6G02B 5/18 6G03H 1/00 6G03H 1/08 6G02B 5/32**
[25] EN
[54] **BROADBAND DIFFRACTIVE DIFFUSER AND ASSOCIATED METHODS**
[54] **DIFFUSEUR A DIFFRACTION LARGE BANDE ET PROCEDES ASSOCIES**
[72] MORRIS, JAMES E., JR., US
[72] FEDOR, ADAM S., US
[72] JOHNSON, ERIC G., US
[72] KATHMAN, ALAN D., US
[71] DIGITAL OPTICS CORPORATION, US
[85] 2000-10-30
[86] 1999-05-04 (PCT/US99/09704)
[87] 1999-11-11 (WO99/57583)
[30] US (09/071,762) 1998-05-05

[21] **2,330,863**
[13] A1
[51] **Int.Cl. 6A61K 47/30 6A61K 47/06 6B32B 5/16 6A61K 47/28 6A61K 9/70**
[25] EN
[54] **ADHESIVE MICROSPHERE DRUG DELIVERY COMPOSITION**
[54] **COMPOSITION D'ADMINISTRATION DE MEDICAMENTS A MICROSPHERES ADHESIVES**
[72] TRAN, THU-VAN, US
[72] CHOI, HYE-OK, US
[72] CANTOR, ADAM S., US
[72] DELGADO, JOAQUIN, US
[72] KO, CHAN U., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-10-30
[86] 1999-03-25 (PCT/US99/06577)
[87] 1999-11-11 (WO99/56782)
[30] US (09/071,667) 1998-05-01

[21] **2,330,864**
[13] A1
[51] **Int.Cl. 6C11D 3/40 6C11D 17/04 6A47L 13/17**
[25] EN
[54] **IMPLEMENT CONTAINING CLEANING COMPOSITION AND DISAPPEARING DYE**
[54] **COMPOSITION DETERGENTE A DISPARITION DE COULEUR POUR USAGE AVEC UN ARTICLE DE NETTOYAGE COMPRENANT UN MATERIAU SUPERABSORBANT**
[72] POLICICCHIO, NICOLA JOHN, US
[72] JACKSON, NICOLE LEE, US
[72] WILLMAN, KENNETH WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-10-30
[86] 1999-05-18 (PCT/US99/10971)
[87] 1999-11-25 (WO99/60089)
[30] US (60/085,837) 1998-05-18

[21] **2,330,874**
[13] A1
[51] **Int.Cl. 6B60G 7/02 6B62D 21/02**
[25] EN
[54] **VEHICLE TRAILER FRAME CROSS MEMBER/SUSPENSION ASSEMBLY MOUNT**
[54] **MONTAGE D'ENSEMBLE TRAVERSE DE CADRE DE REMORQUE DE VEHICULE/SUSPENSION**
[72] PIERCE, PHILLIPPI RANDSOME, US
[72] RAMSEY, JOHN EDWARD, US
[71] THE BOLER COMPANY, US
[85] 2000-11-02
[86] 1999-05-14 (PCT/US99/10663)
[87] 1999-11-25 (WO99/59830)
[30] US (09/081,893) 1998-05-20

[21] **2,330,875**
[13] A1
[51] **Int.Cl. 6C08J 7/12 6B65D 41/04 6B29C 59/08 6C08J 5/12**
[25] EN
[54] **METHOD FOR LOCALLY PROVIDING AN ARTICLE COATED WITH AN ORGANIC COATING WITH A LAYER OF READILY DEFORMABLE SEALING MATERIAL, COATED ARTICLE THUS FABRICATED, METHOD FOR PREPARING A SEMIFINISHED PRODUCT COATED WITH AN ORGANIC COATING, AND A SEMIFINISHED PRODUCT THUS PREPARED**
[54] **PROCEDE POUR LA PRODUCTION LOCALE D'UN ARTICLE RECOUVERT D'UN MATERIAU ORGANIQUE AVEC UNE COUCHE DE MATERIAU D'ETANCHEITE FACILEMENT DEFORMABLE, ARTICLE RECOUVERT AINSI PRODUIT, PROCEDE POUR PREPARER UN PRODUIT SEMI-FINI RECOUVERT D'UN REVETEMENT ORGANIQUE ET UN PRODUIT SEMI-FINI AINSI PREPARE**
[72] VAN VEENEN, WILLEM JAN, NL
[72] BELVROY, RENAULD ROBERT, NL
[71] CORUS STAAL B.V., NL
[85] 2000-11-02
[86] 1999-05-06 (PCT/EP99/03239)
[87] 1999-11-11 (WO99/57180)
[30] NL (1009088) 1998-05-06

[21] **2,330,876**
[13] A1
[51] **Int.Cl. 6H04M 11/06 6H04L 5/14 6H04L 25/49**
[25] EN
[54] **METHODS AND APPARATUS FOR VERIFYING TRANSMIT POWER LEVELS IN A SIGNAL POINT LIMITED TRANSMISSION SYSTEM**
[54] **PROCEDES ET APPAREIL PERMETTANT DE VERIFIER DES NIVEAUX DE PUISSANCE D'EMISSION DANS UN SYSTEME DE TRANSMISSION LIMITE A POINT DE SIGNAL**
[72] OLAFSSON, SVERRIR, IS
[71] CONEXANT SYSTEMS, INC., US
[85] 2000-11-01
[86] 1999-03-29 (PCT/US99/06749)
[87] 1999-11-18 (WO99/59323)
[30] US (09/075,719) 1998-05-11

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[21] **2,330,878**
[13] A1

[51] **Int.Cl. 6G06F 15/18 6G06F 17/00**
[25] EN
[54] **PRE-PROCESSING AND POST-PROCESSING FOR ENHANCING KNOWLEDGE DISCOVERY USING SUPPORT VECTOR MACHINES**
[54] **PRE-TRAITEMENT ET POST-TRAITEMENT PERMETTANT D'AMELIORER LA DECOUVERTE DE CONNAISSANCES AU MOYEN DE MACHINES A VECTEURS DE SOUTIEN**
[72] BARNHILL, STEPHEN D., US
[71] BARNHILL TECHNOLOGIES, LLC, US
[85] 2000-11-01
[86] 1999-05-03 (PCT/US99/09666)
[87] 1999-11-11 (WO99/57622)
[30] US (60/083,961) 1998-05-01
[30] US (09/303,389) 1999-05-01
[30] US (09/305,345) 1999-05-01
[30] US (09/303,386) 1999-05-01
[30] US (09/303,387) 1999-05-01

[21] **2,330,879**
[13] A1

[51] **Int.Cl. 6H04N 5/445 6H04B 1/20 6H04N 5/44**
[25] EN
[54] **PERSONAL NAVIGATOR SYSTEM**
[54] **SYSTEME DE NAVIGATION PERSONNEL**
[72] CROY, CLEMENS, DE
[72] BERMBACH, RAINER F. R., DE
[71] CROY, CLEMENS, DE
[85] 2000-11-01
[86] 1999-05-10 (PCT/IB99/00843)
[87] 1999-11-18 (WO99/59334)
[30] US (09/078,604) 1998-05-13

[21] **2,330,880**
[13] A1

[51] **Int.Cl. 6E04C 3/30 6E04C 5/00**
[25] EN
[54] **AN ADJUSTABLE CLIP FOR ATTACHING SHEET MATERIAL TO STRUCTURAL MEMBERS**
[54] **AGRAFE REGLABLE SERVANT A FIXER UN MATERIAU EN FEUILLE SUR DES ELEMENTS PORTEURS**
[72] FELTMAN, JEFFREY L., US
[71] COLUMN & BEAM, INC., US
[85] 2000-11-02
[86] 1999-05-05 (PCT/US99/09785)
[87] 1999-11-11 (WO99/57391)
[30] US (09/072,930) 1998-05-05

[21] **2,330,882**
[13] A1

[51] **Int.Cl. 7C08F 4/643 7C08F 210/02**
[25] EN
[54] **NITROGEN-CONTAINING GROUP 13 ANIONIC COMPLEXES FOR OLEFIN POLYMERIZATION**
[54] **COMPLEXES ANIONIQUES DE GROUPE 13 CONTENANT DE L'AZOTE, POUR LA POLYMERISATION D'OLEFINES**
[72] HOLT CAMP, MATTHEW W., US
[71] UNIVATION TECHNOLOGIES LLC, US
[85] 2000-11-01
[86] 1999-10-28 (PCT/US99/25275)
[87] 2000-05-05 (WO00/29454)
[30] US (09/191,922) 1998-11-13

[21] **2,330,914**
[13] A1

[51] **Int.Cl. 6G02B 6/30**
[25] EN
[54] **COUPLING OPTICAL FIBRE TO WAVEGUIDE**
[54] **COUPLAGE D'UNE FIBRE OPTIQUE A UN GUIDE D'ONDE**
[72] RICKMAN, ANDREW GEORGE, GB
[72] HARPIN, ARNOLD PETER ROSCOE, GB
[72] DRAKE, JOHN PAUL, GB
[72] DAWNAY, EMMA JANE CLARISSA, GB
[72] MCKENZIE, JAMES STUART, GB
[71] BOOKHAM TECHNOLOGY PLC, GB
[85] 2000-10-30
[86] 1999-04-30 (PCT/GB99/01357)
[87] 1999-11-11 (WO99/57591)
[30] GB (9809460.0) 1998-05-01

[21] **2,330,915**
[13] A1

[51] **Int.Cl. 6C08G 73/02 6C08G 69/48**
[25] EN
[54] **TERTIARY AMINE POLYAMIDOAMINE-EPIHALOHYDRIN POLYMERS**
[54] **POLYMERES D'EPIHALOHYDRINE-POLYAMIDOAMINE A AMINE TERTIAIRE**
[72] BOWER, BARTON K., US
[71] HERCULES INCORPORATED, US
[85] 2000-10-30
[86] 1999-05-03 (PCT/US99/06562)
[87] 1999-11-11 (WO99/57175)
[30] US (09/071,902) 1998-05-04

[21] **2,330,916**
[13] A1

[51] **Int.Cl. 6A61K 31/33 6A01N 43/00 6C12N 5/00 6A61K 35/78**
[25] EN
[54] **TRITERPENE COMPOSITIONS AND METHODS FOR USE THEREOF**
[54] **COMPOSITIONS DE TRITERPENE ET LEURS CHAMP D'APPLICATION**
[72] TRACEY, MARY BLAKE, US
[72] ARNTZEN, CHARLES J., US
[72] GUTTERMAN, JORDAN U., US
[72] HOFFMANN, JOSEPH J., US
[72] BAILEY, DAVID T., US
[72] JAYATILAKE, GAMINI S., US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 2000-10-31
[86] 1999-05-19 (PCT/US99/11041)
[87] 1999-11-25 (WO99/59578)
[30] US (60/085,997) 1998-05-19
[30] US (60/099,066) 1998-09-03

[21] **2,330,917**
[13] A1

[51] **Int.Cl. 6H04L 7/00 6H04L 25/36**
[25] EN
[54] **PHASE-COMPARATOR-LESS DELAY LOCKED LOOP**
[54] **BOUCLE A RETARD DE PHASE SANS COMPAREUR DE PHASE**
[72] MCEWAN, THOMAS E., US
[71] MCEWAN, THOMAS E., US
[85] 2000-10-31
[86] 1999-05-14 (PCT/US99/10695)
[87] 1999-12-02 (WO99/62217)
[30] US (09/084,541) 1998-05-26

[21] **2,330,918**
[13] A1

[51] **Int.Cl. 6C05F 11/08 6B01D 21/00 6C05F 1/00 6C05F 3/00 6B01D 21/01 6B01D 17/06**
[25] EN
[54] **METHOD FOR TREATING AMMONIA-CONTAINING ORGANIC WASTE**
[54] **PROCEDE POUR TRAITER LES DECHETS CONTENANT DE L'AMMONIAC**
[72] LOGAN, TERRY J., US
[72] FAULMANN, ERVIN L., US
[71] N-VIRO INTERNATIONAL CORPORATION, US
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09345)
[87] 1999-11-11 (WO99/57081)
[30] US (09/071,205) 1998-05-01

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[21] **2,330,920**
[13] A1

[51] **Int.Cl. 6H04R 17/00 6G10K 11/16**
[25] EN
[54] **TRANSDUCER BACKING MATERIAL AND METHOD OF APPLICATION**
[54] **MATERIAU DE FOND DE TRANSDUCTEUR ET PROCEDE D'APPLICATION CORRESPONDANT**
[72] SUORSA, VEIJO, US
[72] MENDOZA, DENNIS, US
[72] MAMAYEK, DON S., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2000-10-31
[86] 1999-04-30 (PCT/EP99/02957)
[87] 1999-11-11 (WO99/57939)
[30] US (09/071,747) 1998-05-01

[21] **2,330,922**
[13] A1

[51] **Int.Cl. 6C08J 9/14 6C08J 9/12 6B29C 44/22 6B29C 44/56**
[25] EN
[54] **THERMOFORMABLE POLYPROPYLENE FOAM SHEET**
[54] **FEUILLE EN MOUSSE DE POLYPROPYLENE THERMOFORMABLE**
[72] TUSIM, MARTIN H., US
[72] CORNELL, MARTIN C., US
[72] SUH, KYUNG W., US
[72] CHRISTENSON, CHRISTOPHER P., US
[72] PARK, CHUNG P., DE
[71] THE DOW CHEMICAL COMPANY, US
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09448)
[87] 1999-12-02 (WO99/61520)
[30] US (60/086,944) 1998-05-27
[30] US (60/089,058) 1998-06-12

[21] **2,330,924**
[13] A1

[51] **Int.Cl. 6B65D 51/18**
[25] EN
[54] **SNAP-ON, SCREW-OFF CAP WITH TAMPER-EVIDENCING SKIRT AND CONTAINER NECK**
[54] **CAPSULE ENCLIQUETABLE ET DEVISSABLE A JUPE INVIOLENT ET COL DE CONTENEUR**
[72] LUCH, DANIEL, US
[71] PORTOLA PACKAGING, INC., US
[85] 2000-10-31
[86] 1999-04-12 (PCT/US99/07951)
[87] 1999-11-11 (WO99/57033)
[30] US (09/071,625) 1998-05-01

[21] **2,330,926**
[13] A1

[51] **Int.Cl. 6H04B 1/707**
[25] EN
[54] **SEARCH WINDOW DELAY TRACKING IN CODE DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEMS**
[54] **SURVEILLANCE DU RETARD D'UNE FENETRE DE RECHERCHE DANS DES SYSTEMES DE COMMUNICATION A ACCES MULTIPLE PAR CODE DE REPARTITION**
[72] SCHULIST, MATTHIAS, DE
[72] FRANK, GEORG, DE
[72] POPOVIC, BRANISLAV, SE
[72] KLANG, GORAN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-10-31
[86] 1999-04-29 (PCT/SE99/00709)
[87] 1999-11-11 (WO99/57819)
[30] US (09/070,778) 1998-05-01

[21] **2,330,927**
[13] A1

[51] **Int.Cl. 6G11C 27/02**
[25] EN
[54] **CHARGE TRANSFER WIDEBAND SAMPLE-HOLD CIRCUIT**
[54] **CIRCUIT D'ECHANTILLONNAGE ET DE STOCKAGE A LARGE BANDE ET TRANSFERT DE CHARGE**
[72] MCEWAN, THOMAS E., US
[71] MCEWAN, THOMAS E., US
[85] 2000-10-31
[86] 1999-05-13 (PCT/US99/10595)
[87] 1999-11-25 (WO99/60575)
[30] US (09/080,502) 1998-05-18

[21] **2,330,930**
[13] A1

[51] **Int.Cl. 6F28F 3/02 6H01L 23/367**
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE**
[72] SYMONDS, KEITH THOMAS, GB
[71] CHART HEAT EXCHANGERS LIMITED, GB
[85] 2000-10-30
[86] 1999-02-01 (PCT/GB99/00330)
[87] 1999-09-02 (WO99/44004)
[30] GB (9804184.1) 1998-02-28
[30] GB (9818707.3) 1998-08-28

[21] **2,330,931**
[13] A1

[51] **Int.Cl. 6A63H 19/24**
[25] EN
[54] **MODEL TRAIN CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE MAQUETTE DE TRAIN**
[72] KATZER, MATTHEW A., US
[71] KATZER, MATTHEW A., US
[85] 2000-10-30
[86] 1999-06-23 (PCT/US99/14229)
[87] 1999-12-29 (WO99/66999)
[30] US (09/104,461) 1998-06-24

[21] **2,330,932**
[13] A1

[51] **Int.Cl. 6B63B 22/02**
[25] EN
[54] **ARRANGEMENT FOR MINIMIZING THE EXPLOSION POTENTIAL IN MOORED TURRETS FOR HYDROCARBON STORAGE VESSELS**
[54] **SYSTEME POUR MINIMISER LE POTENTIEL EXPLOSIF DES TOURELLES AMARREES DE NAVIRES DE STOCKAGE D'HYDROCARBURES**
[72] YETMAN, RICHARD D., US
[71] FMC CORPORATION, US
[85] 2000-10-30
[86] 1999-06-10 (PCT/US99/13187)
[87] 1999-12-16 (WO99/64293)
[30] US (60/088,973) 1998-06-11

[21] **2,330,934**
[13] A1

[51] **Int.Cl. 6A61K 31/21 6A61K 47/32**
[25] EN
[54] **COMPOSITION CONTAINING POLYACRYLATE, POLYTERPENE, NITROGLYCERINE AND POSSIBLY POLYVINYL ACETATE**
[54] **COMPOSITION CONTENANT DU POLYACRYLATE, DU POLYTERPENE, DE LA NITROGLYCERINE ET EVENTUELLEMENT DU POLYVINYLE ACETATE**
[72] BERTHOLD, ACHIM, DE
[72] MULLER, WALTER, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2000-10-30
[86] 1999-04-19 (PCT/EP99/02609)
[87] 1999-11-04 (WO99/55327)
[30] DE (198 18 955.9) 1998-04-28

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[21] **2,330,942**
[13] A1

[51] **Int.Cl. 7C07D 295/108 7C07D 401/12 7C07D 403/12 7C07D 295/13 7C07D 241/28 7C07D 213/65**

[25] EN
[54] **PIPERAZINE DERIVATIVES AND PROCESS FOR THE PREPARATION THEREOF**
[54] **DERIVES DE PIPERAZINE ET LEUR PROCEDE DE PREPARATION**
[72] LEE, SUN-HWAN, KR
[72] KWON, HO-SEOK, KR
[72] CHO, EUI-HWAN, KR
[72] CHUNG, SUN-GAN, KR
[72] KANG, DONG-WOOK, KR
[72] LEE, YOUNG-HEE, KR
[72] JOO, JEONG-HO, KR
[71] SAMJIN PHARMACEUTICAL CO., LTD., KR
[85] 2000-10-31
[86] 2000-03-03 (PCT/KR00/00164)
[87] 2000-09-08 (WO00/52001)
[30] KR (1999/6890) 1999-03-03
[30] KR (1999/7266) 1999-03-05
[30] KR (1999/8088) 1999-03-11
[30] KR (1999/11254) 1999-03-31

[21] **2,330,943**
[13] A1

[51] **Int.Cl. 6A61K 7/00**

[25] EN
[54] **HAIR TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DE SOIN CAPILLAIRE**
[72] NUMATA, TADESHI, JP
[72] PEARCE, MATTHEW, GB
[72] HIRAIISHI, TAKAHIRO, JP
[72] ELLIS, FRANCES, GB
[71] UNILEVER PLC, GB
[85] 2000-10-31
[86] 1999-05-15 (PCT/EP99/03433)
[87] 1999-12-09 (WO99/62462)
[30] GB (9811754.2) 1998-06-01

[21] **2,330,944**
[13] A1

[51] **Int.Cl. 6C07H 21/04 6C07K 14/00 6C12N 15/00**

[25] EN
[54] **PATHOGENIV TAU MUTATIONS**
[54] **MUTATIONS TAU PATHOGENES**
[72] GOATE, ALISON M., US
[72] PICKERING-BROWN, STUART M., GB
[72] HUTTON, MICHAEL L., US
[72] HEUTINK, PETER, NL
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09529)
[87] 1999-11-11 (WO99/57129)
[30] US (60/083,791) 1998-05-01
[30] US (60/087,942) 1998-06-04
[30] US (60/097,492) 1998-08-21

[21] **2,330,945**
[13] A1

[51] **Int.Cl. 6B25G 1/00 6B25G 1/06**

[25] EN
[54] **HANDLE FOR A HAND TOOL, ESPECIALLY A SCREWDRIVER GRIP**
[54] **POIGNEE POUR OUTIL A MAIN, EN PARTICULIER POIGNEE DE TOURNEVIS**
[72] GMEILBAUER, ENGELBERT, DE
[71] GMEILBAUER, ENGELBERT, DE
[85] 2000-10-31
[86] 1999-05-04 (PCT/DE99/01327)
[87] 1999-11-11 (WO99/56916)
[30] DE (298 07 944.5) 1998-05-04

[21] **2,330,946**
[13] A1

[51] **Int.Cl. 6H01M 8/24 6H01M 8/04**

[25] EN
[54] **FUEL CELL STACK ASSEMBLY**
[54] **EMPILAGE DE PILES A COMBUSTIBLE**
[72] DONG, ZUOMIN, CA
[71] BALLARD POWER SYSTEMS INC., CA
[85] 2000-10-31
[86] 1999-04-30 (PCT/GB99/01169)
[87] 1999-11-11 (WO99/57781)
[30] GB (9809372.7) 1998-05-02

[21] **2,330,949**
[13] A1

[51] **Int.Cl. 6A47G 29/00 6F16M 13/02**

[25] EN
[54] **MOUNTING ASSEMBLY**
[54] **ENSEMBLE DE MONTAGE**
[72] O'DONNELL, JOHN MALCOLM, AU
[72] SORENSEN, BRIAN DOUGLAS, AU
[71] ALTRONIC DISTRIBUTORS PTY. LTD., AU
[85] 2000-10-31
[86] 1999-05-13 (PCT/AU99/00363)
[87] 1999-11-18 (WO99/58032)
[30] AU (PP 3496) 1998-05-13

[21] **2,330,950**
[13] A1

[51] **Int.Cl. 6G06K 11/16 6B43L 1/00 6G02F 1/167 6B41M 5/20**

[25] EN
[54] **MICROENCAPSULATED ELECTROPHORETIC ELECTROSTATICALLY-ADDRESSED MEDIA FOR DRAWING DEVICE APPLICATIONS**
[54] **SUPPORT ELECTROPHORETIQUE MICRO-ENCAPSULE A ADRESSAGE ELECTROSTATIQUE POUR APPLICATIONS DE SYSTEME A DESSINER**
[72] WILCOX, RUSSELL J., US
[72] DRZAIC, PAUL, US
[72] JACOBSON, JOSEPH M., US
[72] ALBERT, JONATHAN D., US
[72] COMISKEY, BARRETT, US
[71] E INK CORPORATION, US
[85] 2000-11-01
[86] 1999-05-12 (PCT/US99/10543)
[87] 1999-11-18 (WO99/59101)
[30] US (60/085,096) 1998-05-12

[21] **2,330,951**
[13] A1

[51] **Int.Cl. 6H05K 13/00**

[25] EN
[54] **APPARATUS FOR TRANSPORTING THIN BOARDS, IN PARTICULAR PRINTED CIRCUIT BOARDS**
[54] **APPAREIL POUR TRANSPORTER DES CARTES MINCES, EN PARTICULIER DES CARTES DE CIRCUITS IMPRIMES**
[72] KUSTER, KASPAR, CH
[71] VANTICO AG, CH
[85] 2000-11-01
[86] 1999-04-30 (PCT/EP99/02945)
[87] 1999-11-11 (WO99/57953)
[30] EP (98108065.8) 1998-05-04

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[21] **2,330,952**
[13] A1

[51] **Int.Cl. 6G06F 9/46 6H04L 12/14**
[25] EN
[54] **DISTRIBUTED EXECUTION OF A TASK USING THE PROCESSING POWER OF IDLE WORKSTATIONS**
[54] **ORDINATEURS DE RESEAU A COUVERTURE MONDIALE**
[72] FRAMPTON, ELLIS E., III, US
[71] FRAMPTON, ELLIS E., III, US
[85] 2000-10-31
[86] 1999-05-21 (PCT/US99/11206)
[87] 1999-12-02 (WO99/61998)
[30] US (60/086,516) 1998-05-22
[30] US (60/086,588) 1998-05-22
[30] US (09/085,755) 1998-05-27
[30] US (60/086,948) 1998-05-27
[30] US (60/087,587) 1998-06-01
[30] US (60/088,459) 1998-06-08
[30] US (09/213,875) 1998-12-17
[30] US (PCT/US98/27058) 1998-12-17
[30] US (60/134,552) 1999-05-17

[21] **2,330,953**
[13] A1

[51] **Int.Cl. 6B05C 11/10 6B05C 5/02 6B23K 1/20**
[25] EN
[54] **METHOD AND APPARATUS FOR DISPENSING SMALL AMOUNTS OF LIQUID MATERIAL**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DISTRIBUER DE PETITES QUANTITES DE MATIERE LIQUIDE**
[72] SAIDMAN, LAURENCE B., US
[72] SMITH, JAMES C., US
[72] MESSERLY, JAMES W., US
[71] NORDSON CORPORATION, US
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09388)
[87] 1999-11-11 (WO99/56889)
[30] US (09/070,946) 1998-05-01

[21] **2,330,954**
[13] A1

[51] **Int.Cl. 6C04B 26/04 6E01F 9/04 6C04B 14/22**
[25] EN
[54] **INTEGRATED RETROREFLECTIVE MARKING MATERIALS**
[54] **MATERIAUX INTEGRES DE MARQUAGE RETROREFLECHISSANTS**
[72] SPROUTS, SANDRA R., US
[71] MBT HOLDING AG, CH
[85] 2000-10-31
[86] 1999-04-23 (PCT/EP99/02833)
[87] 1999-11-11 (WO99/57076)
[30] US (60/083,960) 1998-05-01

[21] **2,330,956**
[13] A1

[51] **Int.Cl. 7A63B 37/02 7A63B 37/14**
[25] EN
[54] **GOLF BALL WITH CONTOURED DIMPLES**
[54] **BALLE DE GOLF A ALVEOLES PROFILEES**
[72] SULLIVAN, MICHAEL J., US
[71] SPALDING SPORTS WORLDWIDE, INC., US
[85] 2000-10-31
[86] 2000-02-29 (PCT/US00/05386)
[87] 2000-09-08 (WO00/51689)
[30] US (09/259,673) 1999-03-01

[21] **2,330,957**
[13] A1

[51] **Int.Cl. 6A61F 2/36**
[25] EN
[54] **HIP REPLACEMENT METHODS AND APPARATUS**
[54] **APPAREIL ET PROCEDES DE REMPLACEMENT D'UNE HANCHE**
[72] WEISS, JAMES M., US
[71] WEISS, JAMES M., US
[85] 2000-10-31
[86] 1999-04-23 (PCT/US99/08906)
[87] 1999-11-11 (WO99/56674)
[30] US (09/071,203) 1998-05-01

[21] **2,330,958**
[13] A1

[51] **Int.Cl. 6H04L 9/32**
[25] EN
[54] **USER AUTHENTICATION USING A VIRTUAL PRIVATE KEY**
[54] **AUTHENTIFICATION D'UTILISATEUR AU MOYEN D'UNE CLE PRIVEE VIRTUELLE**
[72] HAVERTY, RAND, CA
[71] KYBERPASS CORP., CA
[85] 2000-10-30
[86] 1999-05-06 (PCT/IB99/00910)
[87] 1999-11-11 (WO99/57846)
[30] US (60/084,410) 1998-05-06
[30] US (09/129,795) 1998-08-06

[21] **2,330,960**
[13] A1

[51] **Int.Cl. 6H04S 3/02**
[25] EN
[54] **MATRIX-ENCODED SURROUND-SOUND CHANNELS IN A DISCRETE DIGITAL SOUND FORMAT**
[54] **CANAUX A SON SURROUND A CODAGE PAR MATRICE DANS UNE STRUCTURE SONIQUE NUMERIQUE DISCRETE**
[72] CALLAHAN, RAYMOND E., JR., US
[72] ALLEN, IOAN R., US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09468)
[87] 1999-11-11 (WO99/57941)
[30] US (09/072,707) 1998-05-05

[21] **2,330,961**
[13] A1

[51] **Int.Cl. 6B23K 9/173 6B23K 9/235 6B23K 9/32**
[25] EN
[54] **MIG WELDER WIRE CLEANING APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE NETTOYAGE POUR FIL ELECTRODE DE SOUDEUSE MIG**
[72] FURMAN, JAMES EDMUND, CA
[71] FURMAN, JAMES EDMUND, CA
[85] 2000-10-31
[86] 1998-04-29 (PCT/CA98/00426)
[87] 1998-11-12 (WO98/50193)
[30] US (08/850,774) 1997-05-02

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[21] **2,330,962**
[13] A1

[51] **Int.Cl. 6C08G 63/66 6C08L 67/02 6C08K 3/04**
[25] EN
[54] **POLYESTERS CONTAINING AN INFRARED ABSORBING MATERIAL**
[54] **POLYESTERS CONTENANT UNE SUBSTANCE ABSORBANT DANS L'INFRAROUGE**
[72] SCHIRMER, JOSEPH PETER, US
[72] TUNG, WILLIAM CHUNG TSING, US
[72] PERKINS, WILLIAM GEORGE, US
[72] PAZZO, NATHAN LYLE, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2000-10-31
[86] 1999-04-29 (PCT/EP99/03091)
[87] 1999-11-11 (WO99/57173)
[30] US (60/083,831) 1998-05-01

[21] **2,330,963**
[13] A1

[51] **Int.Cl. 6F16L 25/00**
[25] EN
[54] **HEAVY WEIGHT DRILL PIPE**
[54] **TIGE DE FORAGE A PAROIS EPAISSES**
[72] MOORE, R. THOMAS, US
[72] TANG, WEI, US
[72] WILSON, GERALD E., US
[71] GRANT PRIDECO, INC., US
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09621)
[87] 1999-11-11 (WO99/57478)
[30] US (09/071,253) 1998-05-01

[21] **2,330,964**
[13] A1

[51] **Int.Cl. 6H03D 7/18**
[25] EN
[54] **IMAGE REJECTION MIXER**
[54] **MELANGEUR A REJECTION SIMPLE**
[72] MARTINSON, GLEN D., CA
[71] BEL-TRONICS COMPANY, CA
[85] 2000-10-31
[86] 1999-06-11 (PCT/CA99/00556)
[87] 1999-12-23 (WO99/66636)
[30] US (09/097,261) 1998-06-15

[21] **2,330,965**
[13] A1

[51] **Int.Cl. 6H01R 13/514 6H01R 13/516 6H01R 13/52**
[25] EN
[54] **MODULAR CONNECTOR**
[54] **CONNECTEUR MODULAIRE**
[72] LEE, DAVID J., US
[72] LESESKY, ALAN C., US
[72] STEGALL, WALLY V., US
[72] LESESKY, BRIAN M., US
[71] VEHICLE ENHANCEMENT SYSTEMS, INC., US
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09553)
[87] 1999-11-11 (WO99/57786)
[30] US (60/083,770) 1998-05-01

[21] **2,330,966**
[13] A1

[51] **Int.Cl. 6A23D 9/013 6A23L 1/01**
[25] EN
[54] **FRIED FOOD AND SHORTENING**
[54] **PRODUITS ALIMENTAIRES FRITS ET MATIERE GRASSE**
[72] MORI, HIDEKI, JP
[72] SAKAI, HIDEAKI, JP
[72] YASUKAWA, TAKUJI, JP
[72] TANAKA, YUKITAKA, JP
[71] KAO CORPORATION, JP
[85] 2000-10-31
[86] 1998-05-21 (PCT/JP98/02226)
[87] 1999-11-25 (WO99/59424)

[21] **2,330,967**
[13] A1

[51] **Int.Cl. 6B01J 19/18 6C08F 6/00 6B01J 8/00 6B01J 19/24**
[25] EN
[54] **CONTINUOUS VOLATILE REMOVAL IN SLURRY POLYMERIZATION**
[54] **EXTRACTION VOLATILE EN CONTINUU PAR POLYMERISATION DE BOUE**
[72] TOWLES, THOMAS W., US
[72] KENDRICK, JAMES A., US
[72] ROGER, SCOTT T., US
[71] EXXON CHEMICAL PATENTS INC., US
[85] 2000-10-31
[86] 1999-05-18 (PCT/US99/11007)
[87] 1999-11-25 (WO99/60028)
[30] US (09/080,412) 1998-05-18
[30] US (PCT US99/06102) 1999-03-19

[21] **2,330,968**
[13] A1

[51] **Int.Cl. 6G01V 7/06**
[25] EN
[54] **SYSTEM AND PROCESS FOR OPTIMIZING GRAVITY GRADIOMETER MEASUREMENTS**
[54] **SYSTEME ET PROCEDE D'OPTIMISATION DES MESURES DE GRADIENTS DE PESANTEUR**
[72] SIERACKI, DAVID L., US
[72] SAN GIOVANNI, CARLO P., US
[72] DIFRANCESCO, DANIEL J., US
[72] KONIG, WILLIAM F., US
[72] FELDMAN, WALTER K., US
[72] SCHWEITZER, MELVIN, US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2000-11-01
[86] 1999-05-11 (PCT/US99/10166)
[87] 1999-11-18 (WO99/59002)
[30] US (60/085,059) 1998-05-12
[30] US (60/099,937) 1998-09-11
[30] US (60/107,366) 1998-11-06
[30] US (60/107,329) 1998-11-06
[30] US (60/109,138) 1998-11-18

[21] **2,330,969**
[13] A1

[51] **Int.Cl. 6E21B 47/00 6E21B 47/10**
[25] EN
[54] **SYSTEM AND PROCESS FOR SECONDARY HYDROCARBON RECOVERY**
[54] **SYSTEME ET PROCEDE DE RECUPERATION SECONDAIRE D'HYDROCARBURES**
[72] SCHWEITZER, MELVIN, US
[72] FELDMAN, WALTER K., US
[72] TALWANI, MANIK, US
[71] LOCKHEED MARTIN CORPORATION, US
[71] TALWANI, MANIK, US
[85] 2000-11-01
[86] 1999-05-11 (PCT/US99/10167)
[87] 1999-11-18 (WO99/58816)
[30] US (60/085,059) 1998-05-12
[30] US (60/099,937) 1998-09-11
[30] US (60/107,366) 1998-11-06
[30] US (60/107,329) 1998-11-06
[30] US (60/109,138) 1998-11-18

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,330,970 [13] A1</p> <p>[51] Int.Cl. 6G06F 13/42 [25] EN [54] METHOD AND APPARATUS FOR LOW JITTER CLOCK RECOVERY [54] PROCEDE ET APPAREIL POUR RECUPERATION A FAIBLE INSTABILITE DU SIGNAL DE SYNCHRONISATION [72] GOLDSTEIN, ALLEN R., US [72] MOSES, ROBERT W., US [71] DIGITAL HARMONY TECHNOLOGIES, INC., US [85] 2000-11-01 [86] 1999-05-11 (PCT/US99/10226) [87] 1999-11-18 (WO99/59047) [30] US (60/085,021) 1998-05-11</p>	<p style="text-align: right;">[21] 2,330,974 [13] A1</p> <p>[51] Int.Cl. 6C09B 23/02 6C07H 21/00 6G01N 33/58 [25] EN [54] ENERGY TRANSFER ASSAY METHOD AND REAGENT [54] PROCEDE ET REACTIF DE TEST DE TRANSFERT D'ENERGIE [72] HAMILTON, ALAN L., GB [72] HATCHER, MALCOLM J., GB [72] BOSWORTH, NIGEL, GB [72] SCOTT, BRIAN, GB [72] BIRCH, MARTYN N., GB [71] AMERSHAM PHARMACIA BIOTECH UK LIMITED, GB [85] 2000-11-01 [86] 1999-06-02 (PCT/GB99/01746) [87] 1999-12-16 (WO99/64519) [30] GB (9812596.6) 1998-06-11</p>	<p style="text-align: right;">[21] 2,330,976 [13] A1</p> <p>[51] Int.Cl. 6C07D 217/20 6C07D 487/14 6C07D 491/147 6C07D 217/24 6A61K 31/47 [25] EN [54] PREPARATION OF FUSED POLYCYCLIC ALKALOIDS BY RING CLOSURE OF AZOMETHINE YLIDES, NOVEL COMPOUNDS THEREOF AND THEIR USE AS CHEMOTHERAPEUTIC AGENTS [54] PREPARATION D'ALCALOIDES POLYCYCLIQUES FONDUS PAR FERMETURE DE CYCLE DES AZOMETHYNE YLIDES, NOUVEAUX COMPOSES DE CES DERNIERS ET UTILISATION DE CES DERNIERS COMME AGENTS CHIMIOThERAPEUTIQUES [72] BANWELL, MARTIN GERHARDT, AU [72] FLYNN, BERNARD LUKE, AU [71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU [85] 2000-11-01 [86] 1998-05-01 (PCT/AU98/00312) [87] 1998-11-12 (WO98/50365) [30] AU (PO 6565) 1997-05-02</p>
<p style="text-align: right;">[21] 2,330,972 [13] A1</p> <p>[51] Int.Cl. 6A61L 25/00 [25] EN [54] FULLY RECOMBINANT TISSUE SEALANT COMPOSITIONS [54] COMPOSITIONS D'ADHESIF TISSULAIRE ENTIEREMENT RECOMBINANTES [72] BISHOP, PAUL D., US [72] LASSER, GERALD, US [72] BROWN, PAUL A., US [72] LEWIS, KENNETH B., JR., US [71] ZYMOGENETICS, INC., US [85] 2000-10-31 [86] 1999-04-30 (PCT/US99/09390) [87] 1999-11-11 (WO99/56797) [30] US (60/083,872) 1998-05-01 [30] US (09/211,289) 1998-12-14</p>	<p style="text-align: right;">[21] 2,330,975 [13] A1</p> <p>[51] Int.Cl. 6A01K 1/00 6A01K 1/015 [25] EN [54] STANDING CUBICLE PARTITIONS [54] SEPARATIONS VERTICALES DE STALLES [72] WEELINK, ERWIN ANTONI JACOBI, NL [71] WEELINK BEHEER B.V., NL [85] 2000-11-01 [86] 1999-04-29 (PCT/NL99/00262) [87] 1999-11-11 (WO99/56529) [30] NL (1009048) 1998-05-01</p>	<p style="text-align: right;">[21] 2,330,977 [13] A1</p> <p>[51] Int.Cl. 6C07D 277/64 6C07D 263/58 6A01N 43/76 6A01N 43/78 6C07D 277/84 [25] EN [54] BENZAZOLE COMPOUNDS AND THEIR USE [54] COMPOSES DE BENZAZOLE ET LEUR UTILISATIONS [72] BOUVIER, JACQUES, CH [72] CHRISTINAZ, CATHERINE, CH [72] FROELICH, OLIVIER, FR [71] NOVARTIS AG, CH [85] 2000-11-01 [86] 1999-06-16 (PCT/EP99/04173) [87] 1999-12-23 (WO99/65886) [30] CH (1320/98) 1998-06-18</p>
<p style="text-align: right;">[21] 2,330,973 [13] A1</p> <p>[51] Int.Cl. 7C08F 10/00 7C08F 4/642 [25] EN [54] MONOCYCLOPENTADIENYL METAL CATALYST COMPOSITION FOR THE POLYMERIZATION OF OLEFINS [54] COMPOSITION CATALYTIQUE MONOCYCLOPENTADIENYLE/ METAL POUR POLYMERISATION D'OLEFINES [72] PETERSON, THOMAS H., US [71] UNIVATION TECHNOLOGIES LLC, US [85] 2000-11-01 [86] 1999-09-15 (PCT/US99/21192) [87] 2000-03-23 (WO00/15676) [30] US (09/154,459) 1998-09-16</p>		

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,330,997 [13] A1</p> <p>[51] Int.Cl. 6G01V 1/30 [25] EN [54] APPARATUS AND METHOD FOR ACCURATELY DETERMINING THE LOCATION OF EVENTS SUCH AS PEAKS IN SEISMIC DATA [54] APPAREIL ET PROCEDE POUR LA DETERMINATION PRECISE DE L'EMPLACEMENT D'EVENEMENTS TELS QUE DES CRETES DANS DES DONNEES SISMIQUES [72] VAN BEMMEL, PETER P., US [72] KLEBBA, ERIC F., US [71] SCHLUMBERGER CANADA LIMITED, CA [85] 2000-11-01 [86] 1999-03-19 (PCT/US99/05904) [87] 1999-11-25 (WO99/60422) [30] US (60/084,587) 1998-05-07 [30] US (09/136,599) 1998-08-19</p>	<p style="text-align: right;">[21] 2,330,999 [13] A1</p> <p>[51] Int.Cl. 6G09G 3/36 [25] EN [54] CIRCUIT FOR TRANSFERRING HIGH VOLTAGE VIDEO SIGNAL WITHOUT SIGNAL LOSS [54] CIRCUIT POUR LE TRANSFERT DE SIGNAUX VIDEO HAUTE TENSION SANS PERTE DE SIGNAL [72] HANGZO, NIANGLAMCHING, US [72] PAYNE, JAMES E., US [72] PATHAK, SAROJ, US [72] ROSENDALE, GLEN A., US [71] ATMEL CORPORATION, US [85] 2000-11-01 [86] 1999-05-25 (PCT/US99/11471) [87] 1999-12-23 (WO99/66488) [30] US (09/097,866) 1998-06-16</p>	<p style="text-align: right;">[21] 2,331,001 [13] A1</p> <p>[51] Int.Cl. 6D01F 1/10 6C08L 67/02 6C08L 23/10 6C08L 27/14 [25] EN [54] EMULSION POLYTETRAFLUORETHYLENE MICRO-POWDER AS AN ADDITIVE FOR FIBRE-FORMING PLASTICS [54] POLYTETRAFLUORETHYLENE EN EMULSION SOUS FORME MICROPULVERULENTES S'UTILISANT COMME ADDITIF POUR DES MATIERES PLASTIQUES FIBROGENES [72] KLOOS, FRIEDRICH, DE [72] GRIFFITHS, PETER, GB [72] NEUMANN, WOLFGANG, DE [71] DYNEON GMBH & CO. KG, DE [85] 2000-11-01 [86] 1999-04-26 (PCT/EP99/02806) [87] 1999-11-11 (WO99/57346) [30] DE (198 19 682.2) 1998-05-02</p>
<p style="text-align: right;">[21] 2,330,998 [13] A1</p> <p>[51] Int.Cl. 6C23F 1/02 6B41J 2/16 6H01L 21/302 [25] EN [54] A METHOD OF ETCHING AN OPENING [54] PROCEDE DE FORMATION PAR GRAVURE D'UN ORIFICE [72] NILSSON, JOHAN, SE [72] WALLMAN, LARS, SE [72] LAURELL, THOMAS, SE [72] DROTT, JOHAN, SE [71] NILSSON, JOHAN, SE [71] WALLMAN, LARS, SE [71] LAURELL, THOMAS, SE [71] DROTT, JOHAN, SE [85] 2000-11-01 [86] 1999-05-06 (PCT/SE99/00757) [87] 1999-11-11 (WO99/57332) [30] SE (9801575-3) 1998-05-06</p>	<p style="text-align: right;">[21] 2,331,000 [13] A1</p> <p>[51] Int.Cl. 6A61M 25/01 [25] EN [54] HIGH PERFORMANCE COIL WIRE [54] FILAMENT POUR ENROULEMENT HAUTE PERFORMANCE [72] ROONEY, MAURA, US [72] RICHARD, JOSEPH, US [72] LIU, CLIFFORD M., US [72] KAPRAVY, ANDY, US [72] MIRARCHI, TOM, US [72] CHU, MICHAEL S. H., US [71] SCIMED LIFE SYSTEMS, INC., US [85] 2000-11-02 [86] 1999-05-13 (PCT/US99/10673) [87] 1999-11-18 (WO99/58183) [30] US (09/078,946) 1998-05-14</p>	<p style="text-align: right;">[21] 2,331,011 [13] A1</p> <p>[51] Int.Cl. 6H01H 35/02 6H01H 9/00 6H01H 35/14 [25] EN [54] ROLL-OVER SHUNT SENSOR [54] DETECTEUR DE CAPOTAGE A CIRCUIT EN PARALLELE [72] RENEAU, DANIEL, US [71] BREED AUTOMOTIVE TECHNOLOGY, INC., US [85] 2000-11-01 [86] 1999-02-02 (PCT/US99/02219) [87] 1999-11-25 (WO99/60592) [30] US (09/082,046) 1998-05-20</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,331,013 [13] A1</p> <p>[51] Int.Cl. 6H01H 71/10 [25] EN [54] LOW VOLTAGE MULTIPOLE CIRCUIT BREAKER WITH HIGH ELECTRODYNAMIC RESISTANCE, WHEREOF THE POLE SHAFT IS ARRANGED IN THE COMPARTMENT HOUSING THE POLES [54] DISJONCTEUR MULTIPOLAIRE BASSE TENSION DE TENUE ELECTRODYNAMIQUE ELEVEE, DONT L'ARBRE DES POLES EST DISPOSE DANS LE COMPARTIMENT DE LOGEMENT DES POLES [72] RASO, ANDRE, FR [72] NEBON, JEAN-PIERRE, FR [72] HERPIN, JEAN-PHILIPPE, FR [71] SCHNEIDER ELECTRIC INDUSTRIES SA, FR [85] 2000-11-01 [86] 1999-06-07 (PCT/FR99/01329) [87] 1999-12-29 (WO99/67800) [30] FR (98/08174) 1998-06-24</p>	<p style="text-align: right;">[21] 2,331,016 [13] A1</p> <p>[51] Int.Cl. 6F02B 51/04 [25] EN [54] COMBUSTION ENHANCER PROMOTEUR DE COMBUSTION [72] KAVONIUS, EINO JOHN, US [71] KAVOKOR FUEL SYSTEMS, LLC, US [85] 2000-11-01 [86] 1999-05-28 (PCT/US99/11737) [87] 1999-12-09 (WO99/63207) [30] US (09/088,504) 1998-06-01</p>	<p style="text-align: right;">[21] 2,331,019 [13] A1</p> <p>[51] Int.Cl. 6A61L 2/12 [25] EN [54] METHOD FOR SANITIZING MEDICAL EQUIPMENT USING MICROWAVES [54] PROCEDE POUR NETTOYER UN EQUIPEMENT MEDICAL AVEC DES MICRO-ONDES [72] HUTTON, HOWARD DAVID, US [72] GOLDSTEIN, ALLAN SCOTT, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-11-01 [86] 1999-04-30 (PCT/US99/09353) [87] 1999-11-11 (WO99/56793) [30] US (60/083,773) 1998-05-01</p>
<p style="text-align: right;">[21] 2,331,014 [13] A1</p> <p>[51] Int.Cl. 7H04B 7/185 [25] EN [54] SYSTEM FOR PROVIDING SATELLITE BANDWIDTH ON DEMAND EMPLOYING UPLINK FRAME FORMATTING FOR SMOOTHING AND MITIGATING JITTER AND DYNAMICALLY CHANGING NUMBERS OF CONTENTION AND DATA CHANNELS [54] SYSTEME SERVANT A FOURNIR UNE BANDE SATELLITE SUR DEMANDE A L'AIDE D'UNE MISE AU FORMAT DES TRAMES MONTANTES POUR AMORTIR ET ATTENUER LA GIGUE ET PROCEDER A UNE MODIFICATION DYNAMIQUE DU NOMBRE DES CONFLITS ET DES CANAUX DE TRANSMISSION DE DONNEES [72] HEATH, ROBERT JEFF, US [71] HUGHES ELECTRONICS CORPORATION, US [85] 2000-11-01 [86] 2000-03-03 (PCT/US00/05650) [87] 2000-09-08 (WO00/52849) [30] US (60/122,741) 1999-03-04</p>	<p style="text-align: right;">[21] 2,331,017 [13] A1</p> <p>[51] Int.Cl. 6G01B 11/16 6G01L 11/02 [25] EN [54] DIFFERENTIAL CURVATURE TRANSDUCER [54] TRANSDUCTEUR DIFFERENTIEL DE COURBURE [72] COUTSOMITROS, CONSTANTIN, IT [72] KOLTSAKIS, EFTHYMOS, GR [71] EUROPEAN COMMUNITY (EC), LU [85] 2000-11-01 [86] 1999-05-26 (PCT/EP99/03652) [87] 1999-12-09 (WO99/63303) [30] EP (98109982.3) 1998-06-02</p>	<p style="text-align: right;">[21] 2,331,020 [13] A1</p> <p>[51] Int.Cl. 6A61N 1/36 [25] EN [54] CARDIAC ACTIVITY ALGORITHM ACTIVATION OF A NEUROSTIMULATOR [54] ACTIVATION D'UN NEUROSTIMULATEUR PAR UN ALGORITHME DERIVE DE L'ACTIVITE CARDIAQUE [72] ADKINS, ALAN, US [72] O'DONOVAN, CORMAC A., US [72] TERRY, REESE S., JR., US [71] CYBERONICS, INC., US [85] 2000-11-01 [86] 1999-04-30 (PCT/US99/09372) [87] 1999-11-11 (WO99/56822) [30] US (09/071,856) 1998-05-02</p>
<p style="text-align: right;">[21] 2,331,018 [13] A1</p> <p>[51] Int.Cl. 6A61L 2/12 [25] EN [54] METHOD FOR SANITIZING DENTAL EQUIPMENT USING MICROWAVES [54] PROCEDE POUR NETTOYER UN EQUIPEMENT DENTAIRE AVEC DES MICRO-ONDES [72] HUTTON, HOWARD DAVID, US [72] GOLDSTEIN, ALLAN SCOTT, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-11-01 [86] 1999-04-30 (PCT/US99/09354) [87] 1999-11-11 (WO99/56794) [30] US (60/083,806) 1998-05-01</p>	<p style="text-align: right;">[21] 2,331,018 [13] A1</p> <p>[51] Int.Cl. 6A61L 2/12 [25] EN [54] METHOD FOR SANITIZING DENTAL EQUIPMENT USING MICROWAVES [54] PROCEDE POUR NETTOYER UN EQUIPEMENT DENTAIRE AVEC DES MICRO-ONDES [72] HUTTON, HOWARD DAVID, US [72] GOLDSTEIN, ALLAN SCOTT, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-11-01 [86] 1999-04-30 (PCT/US99/09354) [87] 1999-11-11 (WO99/56794) [30] US (60/083,806) 1998-05-01</p>	<p style="text-align: right;">[21] 2,331,023 [13] A1</p> <p>[51] Int.Cl. 6B27G 13/00 [25] EN [54] COST-EFFECTIVE CUTTING DEVICE [54] DISPOSITIF DE COUPE ECONOMIQUE [72] HOOSER, STEVEN M., US [72] HOOSER, ROBERT A., US [71] PRAXIS ILLINOIS, INC., US [85] 2000-11-01 [86] 1999-04-23 (PCT/US99/07381) [87] 1999-11-11 (WO99/56921) [30] US (09/071,336) 1998-05-01</p>

Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] 2,331,024 [13] A1</p> <p>[51] Int.Cl. 6H01L 31/042 [25] EN [54] SOLAR BATTERY UNIT AND SOLAR BATTERY DEVICE [54] UNITE DE BATTERIE SOLAIRE ET DISPOSITIF A BATTERIE SOLAIRE [72] ITOH, KATSUHIRO, JP [71] MISAWA HOMES CO., LTD., JP [85] 2000-11-01 [86] 1999-06-25 (PCT/JP99/03401) [87] 2000-01-20 (WO00/03441) [30] JP (10/193083) 1998-07-08</p>	<p style="text-align: center;">[21] 2,331,037 [13] A1</p> <p>[51] Int.Cl. 6C07D 413/00 6C07D 405/04 6C07D 413/04 6C07D 413/14 6A61K 31/415 6A61K 31/42 [25] EN [54] NOVEL BENZIMIDAZOLES AND BENZOXAZOLES [54] NOUVEAUX BENZIMIDAZOLES ET BENZOXAZOLES [72] BAR, THOMAS, DE [71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE [85] 2000-11-01 [86] 1999-04-29 (PCT/EP99/02900) [87] 1999-11-11 (WO99/57115) [30] EP (98108125.0) 1998-05-05</p>	<p style="text-align: center;">[21] 2,331,041 [13] A1</p> <p>[51] Int.Cl. 6C07D 401/10 6A61K 31/495 [25] EN [54] REDUCED PARTICLE SIZE FORM OF 1-(6-CHLORONAPHTH-2-YLSULPHONYL) -4--4-(4-PYRIDYL) BENZOYL PIPERAZINE [54] FORME A GRANULOMETRIE REDUITE DE 1-(6-CHLORONAPHT-2-YLSULFONYL) -4--4-(4-PYRIDYL) BENZOYL PIPERAZINE [72] JAMES, ROGER, GB [72] ASHFORD, MARIANNE, GB [71] ASTRAZENECA AB, SE [85] 2000-11-01 [86] 1999-04-27 (PCT/GB99/01316) [87] 1999-11-11 (WO99/57112) [30] GB (9809350.3) 1998-05-02</p>
<p style="text-align: center;">[21] 2,331,035 [13] A1</p> <p>[51] Int.Cl. 6B01J 27/26 6C08G 65/10 [25] EN [54] ACID-TREATED DOUBLE METAL CYANIDE COMPLEX CATALYSTS [54] CATALYSEURS COMPLEXES A CYANURE METALLIQUE DOUBLE SOUMIS A UN TRAITEMENT ACIDE [72] FARAJ, MOHMOUD K., US [72] LE-KHAC, BI, US [72] WANG, WEI, US [71] BAYER ANTWERPEN N.V., BE [85] 2000-11-01 [86] 1999-04-26 (PCT/EP99/02802) [87] 1999-11-11 (WO99/56874) [30] US (09/072,852) 1998-05-05</p>	<p style="text-align: center;">[21] 2,331,039 [13] A1</p> <p>[51] Int.Cl. 6B60R 21/16 [25] EN [54] STEERING WHEEL ASSEMBLY [54] ENSEMBLE VOLANT [72] MUSE, BOB G., US [72] LUO, GUANHONG (JASON), US [71] BREED AUTOMOTIVE TECHNOLOGY, INC., US [85] 2000-11-01 [86] 1999-02-02 (PCT/US99/02168) [87] 1999-12-09 (WO99/62744) [30] US (09/089,165) 1998-06-02</p>	<p style="text-align: center;">[21] 2,331,042 [13] A1</p> <p>[51] Int.Cl. 6C07D 405/12 6C07D 401/12 6C07D 403/12 6A61K 31/50 [25] EN [54] HETEROCYCLIC DERIVATIVES WHICH INHIBIT FACTOR XA [54] DERIVES HETEROCYCLIQUES INHIBANT LE FACTEUR XA [72] WALKER, ROLF PETER, GB [72] SLATER, ANTHONY MICHAEL, GB [72] JAMES, ROGER, GB [72] CAULKETT, PETER WILLIAM RODNEY, GB [72] PEARSON, STUART ERIC, GB [71] ASTRAZENECA AB, SE [85] 2000-11-01 [86] 1999-04-27 (PCT/GB99/01308) [87] 1999-11-11 (WO99/57113) [30] GB (9809351.1) 1998-05-02 [30] GB (9903337.5) 1999-02-16</p>
<p style="text-align: center;">[21] 2,331,036 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/535 6C07D 413/12 [25] EN [54] SPLA2 INHIBITOR ESTER [54] ESTER INHIBITEUR DE SPLA2 [72] SAWYER, JASON SCOTT, US [72] DENNEY, MICHAEL LYLE, US [72] MORIN, JOHN MICHAEL JR., US [72] SALL, DANIEL JON, US [71] ELI LILLY AND COMPANY, US [85] 2000-11-01 [86] 1999-04-20 (PCT/US99/08538) [87] 1999-11-11 (WO99/56752) [30] US (60/083,873) 1998-05-01</p>	<p style="text-align: center;">[21] 2,331,040 [13] A1</p> <p>[51] Int.Cl. 6C08F 8/00 6H01M 10/40 [25] EN [54] COMPOSITIONS SUITABLE FOR ELECTROCHEMICAL CELLS [54] COMPOSITIONS APPROPRIEES A DES CELLULES ELECTROCHIMIQUES [72] BAUER, STEPHAN, DE [72] KELLER, PETER, DE [72] DOTTER, GERHARD, DE [72] BRONSTERT, BERND, DE [72] MOHWALD, HELMUT, DE [72] BLUM, RAINER, DE [71] BASF AKTIENGESSELLSCHAFT, DE [85] 2000-11-01 [86] 1999-05-04 (PCT/EP99/03028) [87] 1999-11-11 (WO99/57161) [30] DE (198 19 752.7) 1998-05-04</p>	

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[21] **2,331,043**
[13] A1

[51] **Int.Cl. 6H04N 5/445**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADVERTISING TELEVISION NETWORKS, CHANNELS, AND PROGRAMS**
[54] **SYSTEMES ET PROCEDES DE PRESENTATION PUBLICITAIRE ASSOCIEE A DES RESEAUX, CHAINES OU PROGRAMMES DE TELEVISION**
[72] ELLIS, MICHAEL D., US
[72] KNEE, ROBERT A., US
[72] REYNOLDS, STEVEN J., US
[71] UNITED VIDEO PROPERTIES, INC., US
[85] 2000-11-01
[86] 1999-05-13 (PCT/US99/10587)
[87] 1999-11-25 (WO99/60783)
[30] US (60/085,608) 1998-05-15
[30] US (09/217,100) 1998-12-16

[21] **2,331,044**
[13] A1

[51] **Int.Cl. 6G02F 1/1343 6H01J 17/10 6H05B 33/28**
[25] EN
[54] **DISPLAY SUBSTRATE ELECTRODES WITH AUXILIARY METAL LAYERS FOR ENHANCED CONDUCTIVITY**
[54] **ELECTRODES DE SUBSTRAT D’AFFICHAGE POURVUES DE COUCHES METALLIQUES COMPLEMENTAIRES POUR UNE MEILLEURE CONDUCTIVITE**
[72] MOSHREFZADEH, ROBERT S., US
[72] PADIYATH, RAGHUNATH, US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-11-01
[86] 1999-03-31 (PCT/US99/07065)
[87] 1999-11-18 (WO99/59024)
[30] US (09/076,165) 1998-05-12

[21] **2,331,045**
[13] A1

[51] **Int.Cl. 6B65D 1/02 6B65D 23/08**
[25] EN
[54] **DRAINAGE PORTS FOR PLASTIC CONTAINERS**
[54] **ORIFICES D’ECOULEMENT POUR CONTENANTS EN PLASTIQUE**
[72] KHAN, M. A. LATEEF, US
[72] EBERLE, THEODORE F., US
[71] CROWN CORK & SEAL TECHNOLOGIES CORPORATION, US
[85] 2000-11-01
[86] 1999-05-06 (PCT/US99/09789)
[87] 1999-11-11 (WO99/57022)
[30] US (09/073,889) 1998-05-06

[21] **2,331,068**
[13] A1

[51] **Int.Cl. 6F25D 17/04**
[25] EN
[54] **MOBILE RIPENING CONTAINER**
[54] **CONTENEUR DE MURISSEMENT MOBILE**
[72] BADALAMENT, MARK A., US
[72] HARMSEN, DANIEL S., US
[71] TRANS TECH HOLDINGS GROUP, US
[85] 2000-10-30
[86] 1999-04-30 (PCT/US99/09578)
[87] 1999-11-11 (WO99/57020)
[30] US (60/083,993) 1998-05-01
[30] US (60/093,909) 1998-07-23
[30] US (60/103,540) 1998-10-08

[21] **2,331,069**
[13] A1

[51] **Int.Cl. 6G02F 1/025 6G02F 1/225**
[25] EN
[54] **BRANCHED OPTICAL WAVEGUIDE, AND ITS METHOD OF USE**
[54] **GUIDE D’ONDES OPTIQUES RAMIFIE ET SON PROCEDE D’UTILISATION**
[72] DAWNAY, EMMA JANE CLARISSA, GB
[71] BOOKHAM TECHNOLOGY PLC, GB
[85] 2000-10-30
[86] 1999-04-26 (PCT/GB99/01298)
[87] 1999-11-11 (WO99/57600)
[30] GB (9809458.4) 1998-05-01

[21] **2,331,070**
[13] A1

[51] **Int.Cl. 6A61K 31/40 6A61K 31/44**
[25] EN
[54] **NEW USE**
[54] **NOUVELLE UTILISATION**
[72] LANTHORN, THOMAS, US
[72] GURLEY, DAVID, US
[71] ASTRAZENECA AB, SE
[85] 2000-10-30
[86] 1999-04-28 (PCT/SE99/00700)
[87] 1999-11-11 (WO99/56745)
[30] US (09/071,826) 1998-05-04

[21] **2,331,071**
[13] A1

[51] **Int.Cl. 6A61K 35/20 6A23C 9/00 6A23C 1/14 6A23C 9/142**
[25] EN
[54] **A FOOD COMPOSITION AND METHOD OF USING SAME**
[54] **COMPOSITION ALIMENTAIRE ET SON PROCEDE D’UTILISATION**
[72] WHYTE, PETER BENNETT DUFF, AU
[71] NORTHFIELD LABORATORIES PTY. LTD., AU
[85] 2000-10-30
[86] 1999-04-30 (PCT/AU99/00317)
[87] 1999-11-11 (WO99/56758)
[30] AU (PP 3271) 1998-04-30

[21] **2,331,072**
[13] A1

[51] **Int.Cl. 6B01L 3/00 6A61J 1/00 6B01L 11/00 6C12M 1/26 6G01N 33/48 6G01N 33/49**
[25] EN
[54] **SAMPLE INTRODUCTION DEVICE**
[54] **DISPOSITIF D’INTRODUCTION D’ECHANTILLON**
[72] SULLIVAN, KEVIN J., US
[71] BAYER CORPORATION, US
[85] 2000-10-30
[86] 1999-05-12 (PCT/IB99/00859)
[87] 1999-11-18 (WO99/58244)
[30] US (60/085,278) 1998-05-13

Demandes PCT entrant en phase nationale

[21] **2,331,073**
[13] A1

[51] **Int.Cl. 6G06F 3/033 6G06K 11/18**

[25] EN

[54] **INPUT UNIT, METHOD FOR USING THE SAME AND INPUT SYSTEM**

[54] **UNITE D'ENTREE, PROCEDE D'UTILISATION ASSOCIE ET SYSTEME D'ENTREE**

[72] HUGOSSON, OLA, SE

[72] ERICSON, PETTER, SE

[72] FAHRAEUS, CHRISTER, SE

[71] C TECHNOLOGIES AB, SE

[85] 2000-10-30

[86] 1999-04-30 (PCT/SE99/00718)

[87] 1999-11-25 (WO99/60468)

[30] SE (9801535-7) 1998-04-30

[30] US (60/091,323) 1998-06-30

[30] SE (9803455-6) 1998-10-09

[30] US (60/105,780) 1998-10-27

[21] **2,331,075**

[13] A1

[51] **Int.Cl. 6G06F 3/033 6G06K 11/18**

[25] EN

[54] **CONTROL DEVICE AND METHOD OF CONTROLLING AN OBJECT**

[54] **DISPOSITIF ET PROCEDE DE COMMANDE D'UN OBJET**

[72] ERICSON, PETTER, SE

[72] HUGOSSON, OLA, SE

[72] FAHRAEUS, CHRISTER, SE

[71] C TECHNOLOGIES AB, SE

[85] 2000-10-30

[86] 1999-04-30 (PCT/SE99/00719)

[87] 1999-11-25 (WO99/60469)

[30] SE (9801535-7) 1998-04-30

[30] US (60/091,323) 1998-06-30

[30] SE (9803456-4) 1998-10-09

[30] US (60/105,816) 1998-10-27

[21] **2,331,076**

[13] A1

[51] **Int.Cl. 6C11D 3/37 6C11D 3/48 6C11D 3/50**

[25] EN

[54] **STABLE CARBANILIDE COMPOSITION**

[54] **COMPOSITION STABLE A BASE DE DIPHENYLCARBAMIDE**

[72] GU, BEN, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2000-10-30

[86] 1999-04-29 (PCT/US99/09487)

[87] 1999-11-11 (WO99/57238)

[30] US (09/071,925) 1998-05-01

[21] **2,331,077**

[13] A1

[51] **Int.Cl. 7A61M 5/142 7F04B 43/08**

[25] EN

[54] **A FLUID DELIVERY MECHANISM**

[54] **MECANISME DE DISTRIBUTION DE FLUIDES**

[72] NGUYEN, KHOI MINH, US

[72] ROSS, STEPHEN O'NEIL, US

[72] BEAVER, SCOTT WAYNE, US

[71] BAXTER INTERNATIONAL INC., US

[85] 2000-10-30

[86] 1999-12-10 (PCT/US99/29436)

[87] 2000-09-08 (WO00/51670)

[30] US (09/264,199) 1999-03-04

[21] **2,331,079**

[13] A1

[51] **Int.Cl. 6H01L 21/00**

[25] EN

[54] **METHOD AND DEVICE FOR CHANGING A SEMICONDUCTOR WAFER POSITION**

[54] **PROCEDE ET DISPOSITIF DE CHANGEMENT DE POSITION D'UNE PLAQUE DE SEMI-CONDUCTEUR**

[72] ESTEVE, EKATERINA, FR

[72] ASTEGNO, PIERRE, FR

[72] GAUDON, ALAIN, FR

[71] RECIF, FR

[85] 2000-10-30

[86] 1999-05-03 (PCT/FR99/01045)

[87] 1999-11-11 (WO99/57752)

[30] FR (98/05660) 1998-05-05

[21] **2,331,085**

[13] A1

[51] **Int.Cl. 6A61F 13/56 6A61F 13/15**

[25] EN

[54] **ADJUSTABLE SCROLL ABSORBENT ARTICLE AND METHOD**

[54] **ARTICLE ABSORBANT A ELEMENTS ENROULES REGLABLE ET PROCEDE ASSOCIE**

[72] JACKSON, WANDA W., US

[71] KIMBERLY-CLARK WORLDWIDE, INC., US

[85] 2000-10-30

[86] 1999-05-05 (PCT/US99/09944)

[87] 1999-11-25 (WO99/59515)

[30] US (09/079,471) 1998-05-15

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<p style="text-align: right;">[21] 2,331,090 [13] A1</p> <p>[51] Int.Cl. 6A61N 5/06 [25] EN [54] ILLUMINATOR FOR PHOTODYNAMIC THERAPY [54] ILLUMINATEUR POUR THERAPIE PHOTODYNAMIQUE [72] CARROLL, RONALD, US [72] LEPPELMEIER, ELTON, US [72] KOZODOY, REBECCA, US [72] LUNDAHL, SCOTT, US [71] DUSA PHARMACEUTICALS, INC., CA [85] 2000-10-30 [86] 1999-04-26 (PCT/US99/06550) [87] 1999-11-11 (WO99/56827) [30] US (09/070,772) 1998-05-01</p>	<p style="text-align: right;">[21] 2,331,093 [13] A1</p> <p>[51] Int.Cl. 6E02B 8/06 [25] EN [54] HYDRAULIC ENERGY DISSIPATING OFFSET STEPPED SPILLWAY [54] DEVERSOIR EN GRADINS DECALES DISSIPANT L'ENERGIE HYDRAULIQUE [72] KAUPPI, FREDERICK J., US [71] KAUPPI, FREDERICK J., US [85] 2000-10-30 [86] 1999-04-27 (PCT/US99/09033) [87] 1999-11-11 (WO99/57377) [30] US (09/072,836) 1998-05-05</p>	<p style="text-align: right;">[21] 2,331,095 [13] A1</p> <p>[51] Int.Cl. 6G06F 3/033 6G06K 11/18 [25] EN [54] DEVICE AND METHOD FOR RECORDING HAND-WRITTEN INFORMATION [54] DISPOSITIF ET PROCEDE D'ENREGISTREMENT D'INFORMATIONS MANUSCRITES [72] FAHRAEUS, CHRISTER, SE [72] ERICSON, PETTER, SE [72] HUGOSSON, OLA, SE [71] C TECHNOLOGIES AB, SE [85] 2000-10-30 [86] 1999-04-30 (PCT/SE99/00717) [87] 1999-11-25 (WO99/60467) [30] SE (9801535-7) 1998-04-30 [30] US (60/091,323) 1998-06-30</p>
<p style="text-align: right;">[21] 2,331,091 [13] A1</p> <p>[51] Int.Cl. 6B29C 65/10 [25] EN [54] REPEATABLY POSITIONABLE NOZZLE ASSEMBLY [54] ENSEMBLE SOUFFLEUR POUVANT ETRE POSITIONNE DE FACON REPETEE [72] FENTON, JAY, US [71] W. L. GORE & ASSOCIATES, INC., US [85] 2000-10-30 [86] 1999-03-03 (PCT/US99/04573) [87] 1999-11-11 (WO99/56940) [30] US (09/072,351) 1998-05-01</p>	<p style="text-align: right;">[21] 2,331,094 [13] A1</p> <p>[51] Int.Cl. 6C07D 305/14 [25] EN [54] METHODS AND USEFUL INTERMEDIATES FOR PACLITAXEL SYNTHESIS FROM C-7, C-10 DI-CBZ BACCATIN III [54] PROCEDES ET INTERMEDIAIRES UTILES POUR LA SYNTHESE DE PACLITAXEL A PARTIR DE C-7, C-10 DI-CBZ BACCATINE III [72] ZYGMUNT, JAN, US [72] MCCHESENEY, JAMES D., US [72] BRINKMAN, HERBERT R., US [72] SISTI, NICHOLAS J., US [72] CHANDER, MADHAVI C., US [72] LIANG, XIAN, US [71] NAPRO BIOTHERAPEUTICS, INC., US [85] 2000-10-30 [86] 1999-04-29 (PCT/US99/09321) [87] 1999-11-11 (WO99/57105) [30] US (09/071,261) 1998-05-01 [30] US (09/071,258) 1998-05-01</p>	<p style="text-align: right;">[21] 2,331,102 [13] A1</p> <p>[51] Int.Cl. 6H04L 29/06 6H04Q 3/00 6H04L 12/18 [25] EN [54] MULTIPLE SERVICE PROVISION [54] PRESTATION DE SERVICES MULTIPLES [72] JAMES-BELL, DUNCAN CHARLES, GB [72] ELLIS, MARTIN JOHN, GB [72] FARR, JEFFREY ROGER, GB [72] HOSKING, MICHAEL ROBERT, GB [72] SMITH, CHRISTOPHER JOHN, SE [72] CRESWELL, DANIEL CHRISTOPHER, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 2000-11-02 [86] 1999-05-26 (PCT/GB99/01662) [87] 1999-12-02 (WO99/62239) [30] GB (9811264.2) 1998-05-26 [30] EP (98304143.5) 1998-05-26</p>
<p style="text-align: right;">[21] 2,331,092 [13] A1</p> <p>[51] Int.Cl. 6H04N 7/173 6H04N 7/16 [25] EN [54] METHOD AND APPARATUS FOR PROVIDING AN INTERACTIVE PROGRAM GUIDE WITH HEADEND PROCESSING [54] PROCEDE ET DISPOSITIF PERMETTANT D'ETABLIR UN GUIDE DE PROGRAMMES INTERACTIF AVEC TRAITEMENT EN TETE [72] MICHAUD, TED R., US [71] GENERAL INSTRUMENT CORPORATION, US [85] 2000-10-30 [86] 1999-04-27 (PCT/US99/09057) [87] 1999-11-11 (WO99/57904) [30] US (09/070,759) 1998-05-01</p>	<p style="text-align: right;">[21] 2,331,104 [13] A1</p> <p>[51] Int.Cl. 7G11B 23/03 7G11B 23/28 [25] EN [54] ERASURE PREVENTION IN DISC CARTRIDGE [54] CARTOUCHE DE DISQUE ANTI-EFFACEMENT [72] OHTA, KENJI, JP [71] HITACHI MAXELL, LTD., JP [85] 2000-11-02 [86] 2000-03-03 (PCT/JP00/01262) [87] 2000-09-14 (WO00/54275) [30] JP (11/58471) 1999-03-05 [30] JP (11/161623) 1999-06-08 [30] JP (2000/35513) 2000-02-14</p>	

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[21] **2,331,106**
[13] A1

[51] **Int.Cl. 6A61B 5/00**
[25] EN
[54] **APPARATUS AND METHOD FOR IDENTIFICATION AND CHARACTERIZATION OF LESIONS AND THERAPEUTIC SUCCESS BY FLOW DISTURBANCES ANALYSIS**
[54] **APPAREIL ET PROCEDE D'IDENTIFICATION ET DE CARACTERISATION DE LESIONS ET DE SUCCES THERAPEUTIQUE PAR L'ANALYSE DE PERTURBATIONS DE DEBIT**
[72] SHALMAN, EVGENY, IL
[72] NOSKOWICZ, SIMON HENRI, IL
[72] ORTENBERG, MICHAEL, IL
[72] BARAK, CHEN, IL
[72] DGANY, ELHANAN, IL
[72] TOLKOWSKY, GIDEON, IL
[71] FLORENCE MEDICAL LTD., IL
[85] 2000-11-02
[86] 1999-05-04 (PCT/IL99/00233)
[87] 1999-11-11 (WO99/56612)
[30] US (60/084,179) 1998-05-04

[21] **2,331,111**
[13] A1

[51] **Int.Cl. 6G11B 20/00 6H04H 1/00**
[25] EN
[54] **ANTI-COPYING METHODS AND DEVICES FOR DIGITAL INFORMATION SIGNALS**
[54] **PROCEDES ET DISPOSITIFS ANTIPIRATAGE POUR SIGNAUX D'INFORMATIONS NUMERIQUES**
[72] WIJNEN, ARIE MARINUS, GB
[72] PANDELIDIS, SPIRO JOHN, GR
[71] SPIRO J PANDELIDIS HIGH TECH APPLICATIONS, GR
[85] 2000-11-02
[86] 1999-05-04 (PCT/EP99/03231)
[87] 1999-11-11 (WO99/57723)
[30] EP (98201432.6) 1998-05-04
[30] US (09/106,858) 1998-06-30

[21] **2,331,113**
[13] A1

[51] **Int.Cl. 6A61B 17/36 6A61B 19/00**
[25] EN
[54] **APPARATUS FOR AND METHOD OF LASER SURGERY OF HARD TISSUES**
[54] **APPAREIL ET PROCEDE POUR REALISER UNE CHIRURGIE AU LASER SUR DES TISSUS DURS**
[72] VAYNEBERG, BORIS, IL
[72] KARNI, ZIV, IL
[72] KREINDEL, MICHAEL, IL
[72] BEN-DOR, BARUCH, IL
[72] ECKHOUSE, SHIMON, IL
[71] ESC MEDICAL SYSTEMS LTD., IL
[85] 2000-10-30
[86] 1999-04-21 (PCT/US99/08751)
[87] 1999-11-04 (WO99/55243)
[30] US (09/069,547) 1998-04-30

[21] **2,331,114**
[13] A1

[51] **Int.Cl. 6B01J 19/00 6G06K 1/12**
[25] EN
[54] **APPARATUS FOR LOCATING A PLURALITY OF ARTICLES**
[54] **APPAREIL POUR POSITIONNER PLUSIEURS ARTICLES**
[72] CORLESS, ANTHONY ROBERT, GB
[71] CENTRAL RESEARCH LABORATORIES LIMITED, GB
[85] 2000-10-30
[86] 1999-05-04 (PCT/GB99/01372)
[87] 1999-11-11 (WO99/56866)
[30] GB (9809265.3) 1998-05-01

[21] **2,331,115**
[13] A1

[51] **Int.Cl. 6C12N 5/08 6A61K 39/00 6C12N 5/06 6A61K 35/14**
[25] EN
[54] **NEW APOPTOTIC BODIES, MONOCYTE DERIVED CELLS CONTAINING THE SAME, A PROCESS FOR THEIR PREPARATION AND THEIR USES AS VACCINES**
[54] **NOUVEAUX CORPS APOPTOTIQUES, CELLULES DERIVEES DE MONOCYTES RENFERMANT CES CORPS, PROCEDE POUR LEUR PREPARATION ET LEUR UTILISATION COMME VACCINS**
[72] GREGOIRE, MARC, FR
[72] BARTHOLEYNS, JACQUES, FR
[71] INSERM (INSTITUT DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] I.D.M. IMMUNO-DESIGNED MOLECULES, FR
[85] 2000-11-02
[86] 1999-05-06 (PCT/EP99/03136)
[87] 1999-11-18 (WO99/58645)
[30] EP (98401123.9) 1998-05-11

[21] **2,331,117**
[13] A1

[51] **Int.Cl. 6A61F 2/48 6A61F 13/20 6A61F 5/48**
[25] EN
[54] **A DEVICE FOR INSERTING INTO A BODY ORIFICE AND A METHOD FOR PRODUCING THIS DEVICE**
[54] **DISPOSITIF D'INSERTION DANS UN ORIFICE DU CORPS ET PROCEDE DE PRODUCTION DUDIT DISPOSITIF**
[72] JENSEN, HANNE, DK
[72] NIELSEN, HENRIK LINDESKOV, DK
[72] SVENNINGSEN, IRENE, DK
[71] COLOPLAST A/S, DK
[85] 2000-10-30
[86] 1999-05-03 (PCT/DK99/00241)
[87] 1999-11-11 (WO99/56678)
[30] DK (0611/98) 1998-05-04

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[21] **2,331,118**
[13] A1

[51] **Int.Cl. 6C07D 263/32 6C07D 413/04 6C07D 417/04 6C07D 413/10 6C07D 413/12 6C07D 417/12 6C07D 277/24 6A61K 31/42 6A61K 31/425**
[25] EN
[54] **OXAZOLE-ARYL-CARBOXYLIC ACIDS USEFUL IN THE TREATMENT OF INSULIN RESISTANCE AND HYPERGLYCEMIA**
[54] **ACIDES OXAZOL-ARYL-CARBOXYLIQUES UTILES DANS LE TRAITEMENT DE L'INSULINORESISTANCE ET DE L'HYPERGLYCEMIE**
[72] MALAMAS, MICHAEL SOTIRIOS, US
[71] AMERICAN HOME PRODUCTS CORPORATION, US
[85] 2000-10-30
[86] 1999-05-10 (PCT/US99/10183)
[87] 1999-11-18 (WO99/58511)
[30] US (09/076,710) 1998-05-12

[21] **2,331,120**
[13] A1

[51] **Int.Cl. 6C07D 307/80 6A61K 31/34 6A61K 31/38 6C07D 333/56**
[25] EN
[54] **PHENYL OXO-ACETIC ACIDS USEFUL IN THE TREATMENT OF INSULIN RESISTANCE AND HYPERGLYCEMIA**
[54] **ACIDES PHENYL-OXO-ACETIQUES UTILES DANS LE TRAITEMENT DE L'INSULINORESISTANCE ET DE L'HYPERGLYCEMIE**
[72] WROBEL, JAY EDWARD, US
[72] GUNAWAN, IWAN, US
[72] DIETRICH, ARLENE JOAN, US
[72] LI, ZENAN, US
[72] MALAMAS, MICHAEL SOTIRIOS, US
[71] AMERICAN HOME PRODUCTS CORPORATION, US
[85] 2000-10-30
[86] 1999-05-10 (PCT/US99/10211)
[87] 1999-11-18 (WO99/58519)
[30] US (09/076,596) 1998-05-12

[21] **2,331,121**
[13] A1

[51] **Int.Cl. 6G06K 9/20 6H04N 1/00 6G06T 5/50**
[25] EN
[54] **DEVICE FOR RECORDING INFORMATION IN DIFFERENT MODES**
[54] **DISPOSITIF D'ENREGISTREMENT D'INFORMATIONS SELON DIFFERENTS MODES**
[72] FAHRAEUS, CHRISTER, SE
[71] C TECHNOLOGIES AB, SE
[85] 2000-10-30
[86] 1999-04-30 (PCT/SE99/00716)
[87] 1999-11-11 (WO99/57678)
[30] SE (9801531-6) 1998-04-30
[30] US (60/091,324) 1998-06-30

[21] **2,331,122**
[13] A1

[51] **Int.Cl. 6A61K 31/69 6A61K 38/55**
[25] EN
[54] **HEMATOPOIETIC STIMULATION**
[54] **STIMULATION HEMATOPOIETIQUE**
[72] WALLNER, BARBARA P., US
[72] JONES, BARRY, US
[72] MILLER, GLENN T., US
[72] ADAMS, SHARLENE, US
[71] POINT THERAPEUTICS, INC., US
[85] 2000-10-31
[86] 1999-05-03 (PCT/US99/09652)
[87] 1999-11-11 (WO99/56753)
[30] US (60/084,128) 1998-05-04

[21] **2,331,123**
[13] A1

[51] **Int.Cl. 7B01J 29/40**
[25] EN
[54] **HIGH ZEOLITE CONTENT AND ATTRITION RESISTANT CATALYST, METHODS FOR PREPARING THE SAME AND CATALYZED PROCESSES THEREWITH**
[54] **CATALYSEUR A HAUTE TENEUR EN ZEOLITES ET RESISTANT A L'ATTRITION, PROCEDES DE PREPARATION DE CE CATALYSEUR, ET PROCESSUS DE CATALYSE UTILISANT CELUI-CI**
[72] ROBERIE, TERRY G., US
[72] DIETZ, PHILIP S., US
[72] ZIEBARTH, MICHAEL S., US
[71] W.R. GRACE & CO.-CONN., US
[85] 2000-10-31
[86] 2000-02-28 (PCT/US00/05065)
[87] 2000-09-08 (WO00/51731)
[30] US (09/260,205) 1999-03-02

[21] **2,331,124**
[13] A1

[51] **Int.Cl. 6H04L 29/06 6G07F 7/10 6G06F 17/60**
[25] EN
[54] **COMMUNICATIONS SYSTEM FOR ELECTRONIC COMMERCE**
[54] **SYSTEME DE COMMUNICATIONS POUR LE COMMERCE ELECTRONIQUE**
[72] TOWNDROW, STEPHEN PETER, GB
[72] JONGLEZ, MATTHIEU JEAN NADY, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2000-10-31
[86] 1999-04-29 (PCT/GB99/01332)
[87] 1999-11-11 (WO99/57864)
[30] EP (98303539.5) 1998-05-06

[21] **2,331,125**
[13] A1

[51] **Int.Cl. 7H04J 14/02**
[25] EN
[54] **WAVELENGTH DIVISION MULTIPLEXED OPTICAL COMMUNICATION SYSTEM HAVING REDUCED NONLINEAR EFFECTS**
[54] **SYSTEME OPTIQUE DE COMMUNICATION A MULTIPLEXAGE PAR DIVISION DE FREQUENCE ET A EFFETS NON LINEAIRES REDUITS**
[72] SARDESAI, HARSHAD P., US
[71] CIENA CORPORATION, US
[85] 2000-11-02
[86] 1999-11-23 (PCT/US99/27756)
[87] 2000-06-02 (WO00/31910)
[30] US (09/197,943) 1998-11-23

[21] **2,331,126**
[13] A1

[51] **Int.Cl. 6G01N 27/38**
[25] EN
[54] **CHEMICAL CLEANING SYSTEM FOR ELECTROCHEMICAL ELECTRODES USED IN CAUSTIC ENVIRONMENTS**
[54] **SYSTEME DE NETTOYAGE CHIMIQUE D'ELECTRODES UTILISEES DANS UN ENVIRONNEMENT LIQUIDE**
[72] ORD, MILLAR, CA
[71] HONEYWELL-MEASUREX CORPORATION, US
[85] 2000-11-02
[86] 1999-05-04 (PCT/US99/09808)
[87] 1999-11-11 (WO99/57551)
[30] US (09/072,519) 1998-05-04

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[21] **2,331,127**
[13] A1

[51] **Int.Cl. 6A23L 1/164 6A23G 3/00**
[25] EN
[54] **COATED CONFECTIONERY HAVING A CRISPY STARCH BASED CENTER AND METHOD OF PREPARATION**
[54] **PRODUIT DE CONFISERIE ENROBE A NOYAU CROUSTILLANT A BASE D'AMIDON ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] BELZOWSKI, MARLA D., US
[72] REFF, JENNIFER L., US
[72] DETIG, CAROLYN, US
[72] BAUMAN, DAVID W., US
[72] SCHAFER, KEITH, US
[71] MARS, INC., US
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09338)
[87] 1999-11-11 (WO99/56561)
[30] US (09/071,690) 1998-05-01

[21] **2,331,128**
[13] A1

[51] **Int.Cl. 7B65D 43/00 7B60K 15/05**
[25] EN
[54] **FUEL CONTAINER**
[54] **RESERVOIR A COMBUSTIBLE**
[72] SHIMO, HIROYUKI, JP
[72] TACHINO, HITOSHI, JP
[72] MICHIHATA, KEIZO, JP
[72] HAYASHI, NAHOTO, JP
[72] HANEDA, YASUHIKO, JP
[71] KURARAY CO. LTD., JP
[85] 2000-11-02
[86] 2000-03-02 (PCT/JP00/01248)
[87] 2000-09-08 (WO00/51907)
[30] JP (11/56546) 1999-03-04
[30] JP (11/172151) 1999-06-18
[30] JP (11/172152) 1999-06-18
[30] JP (11/253006) 1999-09-07
[30] JP (11/253007) 1999-09-07
[30] JP (11/316838) 1999-11-08
[30] JP (11/316839) 1999-11-08

[21] **2,331,129**
[13] A1

[51] **Int.Cl. 6A61M 25/01**
[25] EN
[54] **METHOD AND APPARATUS FOR INTUBATION OF A PATIENT**
[54] **PROCEDE ET APPAREIL D'INTUBATION D'UN PATIENT**
[72] GABRIEL, SABRY, US
[71] GABRIEL, SABRY, US
[85] 2000-10-31
[86] 1998-05-05 (PCT/US98/03184)
[87] 1999-11-11 (WO99/56813)

[21] **2,331,131**
[13] A1

[51] **Int.Cl. 6G01K 11/24**
[25] EN
[54] **FLUID TEMPERATURE MEASUREMENT**
[54] **MESURE DE LA TEMPERATURE DE LIQUIDES**
[72] ASHWORTH, ROGER PHILIP, GB
[72] HARPER, MARK, GB
[71] BG TRANSOCO PLC, GB
[85] 2000-10-31
[86] 1999-04-21 (PCT/GB99/01209)
[87] 1999-11-11 (WO99/57530)
[30] GB (9809375.0) 1998-05-02

[21] **2,331,132**
[13] A1

[51] **Int.Cl. 6B29C 45/16 6A61F 6/06**
[25] EN
[54] **METHOD FOR INJECTION MOLDING MANUFACTURE OF CONTROLLED RELEASE DEVICES**
[54] **PROCEDE DE FABRICATION PAR MOULAGE PAR INJECTION POUR DISPOSITIFS DE LIBERATION CONTROLEE**
[72] MC KENNA, MICHELLE, US
[72] REID-HAQQ, ANGELA, US
[72] GABRIELSKI, EDWARD J., US
[72] CLINE, JOHN F., US
[71] FEI ENTERPRISES, LTD., US
[85] 2000-10-31
[86] 1999-05-03 (PCT/US99/09657)
[87] 1999-11-11 (WO99/56934)
[30] US (60/083,943) 1998-05-01

[21] **2,331,133**
[13] A1

[51] **Int.Cl. 6F25C 5/18**
[25] EN
[54] **PHOTOELECTRIC ICE BIN CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE PHOTOELECTRIQUE DE BAC A GLACE**
[72] GRAFFIUS, EARL B., US
[72] BORG, RUSSELL, US
[71] HOSHIZAKI AMERICA, INC., US
[85] 2000-11-02
[86] 1999-05-14 (PCT/US99/07048)
[87] 1999-11-18 (WO99/58911)
[30] US (60/085,520) 1998-05-14

[21] **2,331,135**
[13] A1

[51] **Int.Cl. 6G06F 1/16 6G06F 3/00**
[25] EN
[54] **HANDHELD COMPUTER APPARATUS AND METHODS REGARDING SAME**
[54] **APPAREIL INFORMATIQUE PORTATIF ET PROCEDES CORRESPONDANTS**
[72] HELGESON, MICHAEL A., US
[72] LEE, JAMES C., US
[72] NELSON, SCOTT A., US
[71] HONEYWELL INC., US
[85] 2000-10-31
[86] 1999-05-03 (PCT/US99/09523)
[87] 1999-11-11 (WO99/57627)
[30] US (09/071,488) 1998-05-01

[21] **2,331,136**
[13] A1

[51] **Int.Cl. 6F41F 3/052 6F42B 30/10**
[25] EN
[54] **DEVICE FOR LOCATING A PROJECTILE IN A BARREL**
[54] **DISPOSITIF DE MISE EN PLACE DE PROJECTILE DANS UN CANON**
[72] JAMES, DAVID JOHN, GB
[72] HEWKIN, DERRICK, GB
[71] ROYAL ORDNANCE PLC, GB
[85] 2000-10-31
[86] 1999-04-28 (PCT/GB99/01322)
[87] 1999-11-11 (WO99/57502)
[30] GB (9809329.7) 1998-05-01

[21] **2,331,137**
[13] A1

[51] **Int.Cl. 6C12N 9/42 6D06M 16/00 6C11D 3/386**
[25] EN
[54] **LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS COMPRISING A MODIFIED CELLULOSE**
[54] **COMPOSITIONS DE DETERGENT A LESSIVE ET/OU DE PRODUITS D'ENTRETIEN DES TISSUS CONTENANT UNE CELLULOSE MODIFIEE**
[72] BOYER, STANTON LANE, US
[72] BAECK, ANDRE CESAR, BE
[72] BETTIOL, JEAN-LUC PHILIPPE, BE
[72] BUSCH, ALFRED, BE
[72] SMETS, JOHAN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09409)
[87] 1999-11-11 (WO99/57259)
[30] US (PCT/US98/08904) 1998-05-01

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[21] **2,331,138**
[13] A1

[51] **Int.Cl. 6A61K 7/06 6A61K 7/11**
[25] EN
[54] **HAIR STYLING COMPOSITIONS**
[54] **COMPOSITIONS DE COIFFURE**
[72] PEFFLY, MAJORIE MOSSMAN, US
[72] KUHLMAN, DENNIS EUGENE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-10-31
[86] 1999-06-04 (PCT/IB99/01030)
[87] 1999-12-29 (WO99/66888)
[30] US (09/102,039) 1998-06-22

[21] **2,331,139**
[13] A1

[51] **Int.Cl. 6C07K 19/00 6A01N 63/02 6C11D 3/386 6C12N 9/42**
[25] EN
[54] **LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS COMPRISING A MODIFIED ANTIMICROBIAL PROTEIN**
[54] **COMPOSITIONS DE DETERGENT A LESSIVE ET/OU D'ENTRETIEN DE TISSUS CONTENANT UNE PROTEINE ANTIMICROBIENNE MODIFIEE**
[72] BETTIOL, JEAN-LUC PHILIPPE, BE
[72] SMETS, JOHAN, BE
[72] BOYER, STANTON LANE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-10-31
[86] 1999-04-30 (PCT/US99/09455)
[87] 1999-11-11 (WO99/57157)
[30] US (PCT/US98/08858) 1998-05-01

[21] **2,331,141**
[13] A1

[51] **Int.Cl. 6C07D 405/14 6A61K 31/495**
[25] EN
[54] **WATER SOLUBLE AZOLES AS BROAD-SPECTRUM ANTIFUNGALS**
[54] **AZOLES SOLUBLES DANS L'EAU UTILISES COMME ANTIFONGIQUES A LARGE SPECTRE**
[72] VAN DER VEKEN, LOUIS JOZEF ELISABETH, BE
[72] MEERPOEL, LIEVEN, BE
[72] BACKX, LEO JACOBUS JOZEF, BE
[71] JANSSEN PHARMACEUTICA N.V., BE
[85] 2000-11-02
[86] 1999-05-06 (PCT/EP99/03242)
[87] 1999-11-18 (WO99/58529)
[30] EP (98201588.5) 1998-05-14

[21] **2,331,148**
[13] A1

[51] **Int.Cl. 6A01N 25/28 6A01N 25/10 6C09D 5/16 6A01N 59/16 6A01N 59/20 6A01N 43/80**
[25] EN
[54] **ANTI-MICROBIAL AGENT DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION D'UN AGENT ANTI-MICROBIEN**
[72] BANOVTZ, JOHN P., US
[72] JACOBS, JEFFREY L., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2000-10-31
[86] 1999-04-19 (PCT/US99/08585)
[87] 1999-11-11 (WO99/56542)
[30] US (09/070,975) 1998-05-01

[21] **2,331,161**
[13] A1

[51] **Int.Cl. 6A47K 10/36**
[25] FR
[54] **TAMBOUR DE DISTRIBUTION DE MATERIAU D'ESSUYAGE DANS UN APPAREIL DISTRIBUTEUR AVEC REGLAGE DU FORMAT ET DE LA LONGUEUR DU MATERIAU DEBITE**
[71] WIPING MATERIAL DISPENSING DRUM IN DISPENSING APPARATUS WITH FORMAT AND LENGTH ADJUSTMENT OF THE DISPENSED MATERIAL
[72] GRANGER, MAURICE, FR
[71] GRANGER, MAURICE, FR
[85] 2000-11-02
[86] 1999-04-06 (PCT/FR99/00783)
[87] 1999-12-02 (WO99/60906)
[30] FR (98/06703) 1998-05-25

[21] **2,331,163**
[13] A1

[51] **Int.Cl. 6F02M 57/02 6F02M 47/02 6F02M 47/04 6F02M 59/46**
[25] EN
[54] **A HYDRAULICALLY DRIVEN SPRINGLESS FUEL INJECTOR**
[54] **INJECTEUR HYDRAULIQUE SANS RESSORT**
[72] STURMAN, ODED E., US
[71] STURMAN, ODED E., US
[85] 2000-11-02
[86] 1999-05-03 (PCT/US99/09669)
[87] 1999-11-11 (WO99/57430)
[30] US (09/072,318) 1998-05-04

[21] **2,331,169**
[13] A1

[51] **Int.Cl. 6E01C 19/26**
[25] EN
[54] **PROTECTING COMPACTOR AXLES, SEALS AND WHEEL BEARINGS FROM WIRE WRAP INTRUSION**
[54] **DISPOSITIF POUR PROTEGER LES ARBRES D'ESSIEU, JOINTS DE PALIER ET COUSSINETS DE LA ROUE D'UN COMPACTEUR DU PHENOMENE DES FILS ENROULES**
[72] CARON, JAMES O., US
[72] BETTENCOURT, DONALD CHRIS, US
[72] CARON, SCOTT F. P., US
[71] CARON COMPACTOR CO., US
[85] 2000-11-02
[86] 1999-05-13 (PCT/US99/10615)
[87] 1999-11-25 (WO99/60214)
[30] US (09/080,059) 1998-05-15

[21] **2,331,170**
[13] A1

[51] **Int.Cl. 6H01G 9/04 6H01G 9/055**
[25] EN
[54] **WOUND MULTI-ANODE ELECTROLYTIC CAPACITOR WITH OFFSET ANODES**
[54] **CONDENSATEUR ELECTROLYTIQUE A ANODES ENROULEES MULTIPLES DECALEES**
[72] O'PHELAN, MICHAEL J., US
[72] TONG, ROBERT R., US
[72] POPLETT, JAMES M., US
[71] CARDIAC PACEMAKERS, INC., US
[85] 2000-11-02
[86] 1999-05-05 (PCT/US99/09883)
[87] 1999-11-18 (WO99/59174)
[30] US (09/076023) 1998-05-11

[21] **2,331,171**
[13] A1

[51] **Int.Cl. 6F16K 31/06 6H01F 7/16**
[25] EN
[54] **ELECTROMAGNETIC VALVE FOR GASEOUS FLUIDS**
[54] **CLAPET ELECTROMAGNETIQUE POUR GAZ**
[72] GERMANO, SEBASTIEN, CH
[72] MERMINOD, ANTOINE, CH
[71] LANDI RENZO S.P.A., IT
[85] 2000-11-02
[86] 1999-05-05 (PCT/EP99/03102)
[87] 1999-11-11 (WO99/57465)
[30] SE (9801588-6) 1998-05-05

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[21] **2,331,172**
[13] A1
[51] **Int.Cl. 6B22D 41/14 6F27D 9/00 6H02G 3/03 6B22D 41/60**
[25] EN
[54] **FLUID-COOLED ELECTRIC CURRENT LINE**
[54] **LIGNE D'ALIMENTATION ELECTRIQUE REFROIDIE PAR UN FLUIDE**
[72] KAPOOR, JIVAN, DE
[72] KEUTGEN, PETER, DE
[72] GRIMM, DANIEL, DE
[72] BRUCKNER, RAIMUND, DE
[71] DIDIER-WERKE AG, DE
[85] 2000-11-02
[86] 1999-05-03 (PCT/EP99/02975)
[87] 1999-11-11 (WO99/56897)
[30] DE (198 19 903.1) 1998-05-05

[21] **2,331,173**
[13] A1
[51] **Int.Cl. 6F25D 13/06 6F25D 25/04 6B65G 17/06 6F25D 3/11 6A23L 3/36**
[25] EN
[54] **APPARATUS FOR AIR-TREATMENT OF PRODUCTS**
[54] **APPAREIL POUR TRAITEMENT A L'AIR DE PRODUITS**
[72] PAHLSSON, STEN, SE
[71] FRIGOSCANDIA EQUIPMENT AB, SE
[85] 2000-11-02
[86] 1999-05-04 (PCT/SE99/00735)
[87] 1999-11-11 (WO99/57496)
[30] US (09/073,247) 1998-05-06

[21] **2,331,174**
[13] A1
[51] **Int.Cl. 6F41A 9/01 6F41A 9/37 6F41A 9/64**
[25] EN
[54] **METHOD AND DEVICE FOR HANDLING PROPELLING CHARGES IN FULLY AND SEMI-AUTOMATIC LOADING SYSTEMS FOR ARTILLERY GUNS**
[54] **PROCEDE ET DISPOSITIF DE GESTION DE CHARGES PROPULSIVES ET SYSTEMES DE CHARGEMENT SEMI-AUTOMATIQUES DE PIECES D'ARTILLERIE**
[72] LUNDBLAD, BJORN, SE
[72] LINDSKOG, LARS-OLOV, SE
[72] BERGMARK, JORGEN, SE
[71] BOFORS WEAPON SYSTEMS AB, SE
[85] 2000-11-02
[86] 1999-04-26 (PCT/SE99/00675)
[87] 1999-11-18 (WO99/58921)
[30] SE (9801601-7) 1998-05-08

[21] **2,331,175**
[13] A1
[51] **Int.Cl. 6B66C 1/66 6E04G 15/04 6B66C 1/36**
[25] EN
[54] **IMPROVEMENTS RELATING TO THE LIFTING OF PRECAST BODIES SUCH AS CONCRETE PANELS AU LEVAGE DE CORPS PREFABRIQUES TELS QUE DES PANNEAUX DE BETON**
[72] PATERSON, IAN ALEXANDER, AU
[71] PATERSON, IAN ALEXANDER, AU
[85] 2000-11-02
[86] 1999-05-04 (PCT/AU99/00331)
[87] 1999-11-11 (WO99/57055)
[30] AU (PP 3304) 1998-05-04

[21] **2,331,176**
[13] A1
[51] **Int.Cl. 6E02D 7/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SUCTION ANCHOR AND MOORING DEPLOYMENT AND CONNECTION**
[54] **PROCEDE ET APPAREIL POUR LE DEPLOIEMENT ET LE RACCORD D'UNE ANCRE A ASPIRATION ET D'UN SYSTEME D'AMARRAGE**
[72] BERGERON, BILLY J., US
[71] DELMAR SYSTEMS, INC., US
[85] 2000-11-02
[86] 1999-03-26 (PCT/US99/06469)
[87] 1999-12-16 (WO99/64684)
[30] US (09/073,411) 1998-05-06

[21] **2,331,178**
[13] A1
[51] **Int.Cl. 6D21H 21/20 6D21H 23/08 6D21H 17/65**
[25] EN
[54] **SOFT TISSUE HAVING TEMPORARY WET STRENGTH**
[54] **MOUCHOIR EN PAPIER DOUX AYANT UNE RESISTANCE TEMPORAIRE A L'HUMIDITE**
[72] MOHAMMADI, KHOSROW PARVIZ, US
[72] RASCH, DAVID MARK, US
[72] SEWARD, LARRY ODELL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-11-02
[86] 1998-06-02 (PCT/US98/10966)
[87] 1999-12-09 (WO99/63158)

[21] **2,331,179**
[13] A1
[51] **Int.Cl. 6A61M 11/00 6G09F 11/00 6A61M 15/00 6G06M 1/08 6B67D 5/22**
[25] EN
[54] **INDICATING DEVICE FOR AEROSOL CONTAINER**
[54] **DISPOSITIF INDICATEUR POUR CONTENANT AEROSOL**
[72] FOLEY, MARTIN P., CA
[72] SCHMIDT, JAMES NICK, CA
[72] GRZYCHOWSKI, JERRY R., US
[72] SCARROTT, PETER MYKOLA, CA
[71] 1263152 ONTARIO INC., CA
[85] 2000-11-02
[86] 1999-04-30 (PCT/US99/09415)
[87] 1999-11-11 (WO99/57019)
[30] US (09/073,275) 1998-05-05

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<p>[21] 2,331,180 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/30 [25] EN [54] TRANSLATING OBJECTS BETWEEN SOFTWARE APPLICATIONS WHICH EMPLOY DIFFERENT DATA FORMATS [54] TRANSPOSITION D'OBJETS ENTRE DES APPLICATIONS DE LOGICIELS UTILISANT DIFFERENTES STRUCTURES DE DONNEES [72] SABADELL, STEWART, US [72] HUTCHINSON, JOHN, US [71] AUTODESK, INC., US [85] 2000-11-02 [86] 1999-05-14 (PCT/US99/10685) [87] 1999-11-18 (WO99/59086) [30] US (60/085,436) 1998-05-14 [30] US (09/286,133) 1999-04-01</p>	<p>[21] 2,331,182 [13] A1</p> <p>[51] Int.Cl. 7C04B 5/06 7C21C 7/00 [25] EN [54] METHOD FOR TREATING STAINLESS STEEL REFINING SLAG [54] TRAITEMENT DE SCORIES D'AFFINAGE D'ACIER INOXYDABLE [72] KUMAGAI, MASATO, JP [72] SAKURAYA, TOSHIKAZU, JP [72] MATSUNAGA, HISAHIRO, JP [72] TADA, CHIKASHI, JP [71] KAWASAKI STEEL CORPORATION, JP [85] 2000-11-02 [86] 2000-03-02 (PCT/JP00/01235) [87] 2000-09-14 (WO00/53539) [30] JP (11/62752) 1999-03-10 [30] JP (2000/28821) 2000-02-07</p>	<p>[21] 2,331,186 [13] A1</p> <p>[51] Int.Cl. 6A46B 9/04 [25] EN [54] TOOTHBRUSH [54] BROSSE A DENTS [72] SAKURAI, SHINYA, JP [72] EBISUDANI, KAZUSHI, JP [72] YAMAMOTO, ATSUSHI, JP [71] SUNSTAR INC., JP [85] 2000-11-02 [86] 1999-05-12 (PCT/JP99/02469) [87] 1999-11-18 (WO99/58019) [30] JP (10/130818) 1998-05-13 [30] JP (11/6923) 1999-01-13</p>
<p>[21] 2,331,181 [13] A1</p> <p>[51] Int.Cl. 6E21C 41/26 [25] EN [54] R. B. YUN'S METHOD FOR THE EXPLOITATION OF OPEN-AIR MINING FIELDS [54] PROCEDE DE R. B. YUN POUR L'EXPLOITATION DE GISEMENTS A CIEL OUVERT [72] BORSCH-KOMPONIETS, VITALY IVANOVICH, RU [72] JUN, RUSLAN BORISOVICH, RU [71] BORSCH-KOMPONIETS, VITALY IVANOVICH, RU [71] JUN, RUSLAN BORISOVICH, RU [85] 2000-11-02 [86] 1998-08-27 (PCT/RU98/00277) [87] 1999-11-18 (WO99/58817) [30] RU (98108342) 1998-05-12</p>	<p>[21] 2,331,183 [13] A1</p> <p>[51] Int.Cl. 6G02B 6/122 [25] EN [54] OPTICAL DEVICE FOR SPLITTING UP A MULTI-WAVELENGTH LIGHT BEAM [54] DISPOSITIF OPTIQUE UTILISE POUR DIVISER UN FAISCEAU DE LUMIERE A LONGUEURS D'ONDE MULTIPLES [72] ASGHARI, MEHDI, GB [71] BOOKHAM TECHNOLOGY PLC, GB [85] 2000-11-02 [86] 1999-04-26 (PCT/GB99/01288) [87] 1999-11-25 (WO99/60433) [30] GB (9810705.5) 1998-05-19</p>	<p>[21] 2,331,187 [13] A1</p> <p>[51] Int.Cl. 6C07D 405/14 6C07D 249/12 6A61K 31/495 [25] EN [54] WATER SOLUBLE AZOLES AS BROAD-SPECTRUM ANTIFUNGALS [54] AZOLES SOLUBLES DANS L'EAU UTILISES EN TANT QU'ANTIFONGIQUES A SPECTRE LARGE [72] MEERPOEL, LIEVEN, BE [72] BACKX, LEO JACOBUS JOZEF, BE [72] VAN DER VEKEN, LOUIS JOZEF ELISABETH, BE [72] ODDS, FRANK CHRISTOPHER, GB [72] HEERES, JAN, BE [71] JANSSEN PHARMACEUTICA N.V., BE [85] 2000-11-02 [86] 1999-05-06 (PCT/EP99/03243) [87] 1999-11-18 (WO99/58530) [30] EP (98201588.5) 1998-05-14</p>
	<p>[21] 2,331,184 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/28 [25] EN [54] MACHINE-ASSISTED TRANSLATION TOOLS [54] OUTILS DE TRADUCTION AUTOMATIQUE [72] KNYPHAUSEN, IKO, US [72] HUMMEL, JOCHEN, DE [71] TRADOS GMBH, DE [85] 2000-11-02 [86] 1999-04-30 (PCT/EP99/02959) [87] 1999-11-11 (WO99/57651) [30] US (09/071,900) 1998-05-04</p>	

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[21] **2,331,188**
[13] A1

[51] **Int.Cl. 6G06F 17/60**
[25] EN
[54] **PERFORMANCE EVALUATION TOOL AND METHOD**
[54] **OUTIL ET PROCEDE D'EVALUATION DE PERFORMANCES**
[72] POWERS, MICHAEL C., US
[72] EILER, JAMES A., US
[72] SADBERRY, DOUGLAS A., US
[72] BENNETT, ROBERT S., US
[72] PHILLIPS, CLIFFORD R., US
[71] E-TALK CORPORATION, US
[85] 2000-11-02
[86] 1999-05-07 (PCT/US99/10143)
[87] 1999-11-18 (WO99/59093)
[30] US (60/084,794) 1998-05-08
[30] US (09/110,108) 1998-07-01
[30] US (09/110,109) 1998-07-01
[30] US (09/110,103) 1998-07-01
[30] US (09/110,107) 1998-07-01
[30] US (09/110,106) 1998-07-01

[21] **2,331,189**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G01N 27/30**
[25] EN
[54] **ELECTRONIC METHODS FOR THE DETECTION OF ANALYTES UTILIZING MONOLAYERS**
[54] **PROCEDES ELECTRONIQUES DE DETECTION D'ANALYTES METTANT EN OEUVRE DES COUCHES SIMPLES**
[72] BAMDAD, CYNTHIA, US
[72] YU, CHANGJUN, US
[71] CLINICAL MICRO SENSORS, INC., US
[85] 2000-11-02
[86] 1999-05-06 (PCT/US99/10104)
[87] 1999-11-11 (WO99/57317)
[30] US (60/084,652) 1998-05-06
[30] US (60/084,509) 1998-05-06
[30] US (09/135,183) 1998-08-17

[21] **2,331,208**
[13] A1

[51] **Int.Cl. 6A45D 40/06**
[25] EN
[54] **MASS RETENTION DEVICE WITH BELLOWS**
[54] **DISPOSITIF SERVANT A RETENIR UNE MASSE AU MOYEN DE SOUFFLETS**
[72] BOUIX, HERVE F., US
[71] COLOR ACCESS, INC., US
[85] 2000-11-02
[86] 1999-04-28 (PCT/US99/09229)
[87] 1999-11-11 (WO99/56582)
[30] US (09/072,215) 1998-05-04

[21] **2,331,211**
[13] A1

[51] **Int.Cl. 6G21G 1/10 6H05H 6/00**
[25] EN
[54] **METHOD FOR PRODUCING AC-225 BY IRRADIATION OF RA-226 WITH PROTONS**
[54] **PROCEDE DE PRODUCTION D'ACTINIUM-225 PAR IRRADIATION DE RADIUM-226 AU MOYEN DE PROTONS**
[72] JANSSENS, WILLEM, DE
[72] APOSTOLIDIS, CHRISTOS, DE
[72] MOLLENBECK, JOSEF, DE
[72] VAN GEEL, JACQUES, DE
[72] OUGIER, MICHEL, DE
[72] SCHWEICKERT, HERMANN, DE
[72] MCGINLEY, JOHN, DE
[72] MOLINET, ROGER, DE
[72] KOCH, LOTHAR, DE
[71] EUROPEAN COMMUNITY (EC), LU
[85] 2000-11-02
[86] 1999-05-26 (PCT/EP99/03651)
[87] 1999-12-09 (WO99/63550)
[30] EP (98109983.1) 1998-06-02

[21] **2,331,212**
[13] A1

[51] **Int.Cl. 6H04Q 3/00 6H04Q 3/545**
[25] EN
[54] **PROGRAMMING CALL-PROCESSING APPLICATION IN A SWITCHING SYSTEM**
[54] **PROGRAMMATION D'APPELS DANS UN SYSTEME DE COMMUTATION**
[72] HEBERT, MARK P., US
[72] SILVA, MICHAEL, US
[71] EXCEL SWITCHING CORPORATION, US
[85] 2000-11-02
[86] 1999-06-03 (PCT/US99/12486)
[87] 1999-12-16 (WO99/65253)
[30] US (09/093,555) 1998-06-08

[21] **2,331,214**
[13] A1

[51] **Int.Cl. 6A42B 3/28**
[25] EN
[54] **A CRASH HELMET FOR SPORTS, IN PARTICULAR CYCLING**
[54] **CASQUE ANTICHOC POUR LE SPORT, NOTAMMENT LE CYCLISME**
[72] BRIGNONE, ALBERTO, IT
[71] BRICO S.R.L., IT
[85] 2000-11-02
[86] 1999-05-07 (PCT/IB99/00824)
[87] 1999-11-18 (WO99/58009)
[30] IT (BO98A000297) 1998-05-08

[21] **2,331,215**
[13] A1

[51] **Int.Cl. 6C04B 28/02 6E21B 33/13 6C04B 14/48**
[25] EN
[54] **CEMENTING COMPOSITIONS AND USE OF SUCH COMPOSITIONS FOR CEMENTING OIL WELLS OR THE LIKE**
[54] **COMPOSITIONS DE CIMENTATION ET UTILISATION DE CES COMPOSITIONS POUR CIMITER DES Puits DE PETROLE OU SIMILAIRES**
[72] DARGAUD, BERNARD, FR
[72] BARET, JEAN-FRANCOIS, FR
[72] LE ROY-DELAGE, SYLVAIN, FR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2000-11-02
[86] 1999-05-04 (PCT/EP99/03099)
[87] 1999-11-18 (WO99/58467)
[30] FR (98/05884) 1998-05-11

[21] **2,331,216**
[13] A1

[51] **Int.Cl. 6A23G 3/30**
[25] EN
[54] **METHOD OF PROCESSING AN INGREDIENT FOR A CHEWING GUM PRODUCT**
[54] **PROCEDE DE TRAITEMENT D'UN INGREDIENT POUR UNE GOMME A MACHER**
[72] DEGADY, MARC, US
[72] TEBRINKE, KEVIN RICHARD, US
[72] DUGGAN, JAMES A., US
[72] UPMANN, ARTHUR W., US
[71] WARNER-LAMBERT COMPANY, US
[85] 2000-11-02
[86] 1998-06-16 (PCT/US98/12472)
[87] 1999-12-23 (WO99/65324)

PCT Applications Entering the National Phase

[21] **2,331,217**
[13] A1

[51] **Int.Cl. 7G06F 11/25**
[25] EN
[54] **METHOD AND SYSTEM FOR ANALYZING FAULT LOG DATA FOR DIAGNOSTICS AND REPAIRS OF LOCOMOTIVES**
[54] **PROCEDE ET SYSTEME DESTINES A ANALYSER DES DONNEES D'ENREGISTREMENT DE DEFAILLANCES POUR L'EXAMEN ET LA REPARATION DE LOCOMOTIVES**
[72] GIBSON, DAVID RICHARD, US
[72] RODDY, NICHOLAS EDWARD, US
[72] VARMA, ANIL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2000-11-02
[86] 2000-03-31 (PCT/US00/08662)
[87] 2000-10-12 (WO00/60465)
[30] US (09/285,612) 1999-04-02
[30] US (09/285,611) 1999-04-02

[21] **2,331,218**
[13] A1

[51] **Int.Cl. 6A23L 1/40**
[25] EN
[54] **PROCESS FOR PRODUCING DRY INSTANT SOUPS AND SAUCES**
[54] **PROCEDE RELATIF A LA PRODUCTION DE SOUPES ET DE SAUCES EN POUVRE INSTANTANEEES**
[72] MIYAMURA, NAOHIRO, JP
[72] SASAKI, HITOSHI, JP
[72] HASEGAWA, MASAYO, JP
[72] KAWASE, HIROSHI, JP
[71] AJINOMOTO CO., INC., JP
[85] 2000-11-02
[86] 1999-04-28 (PCT/JP99/02310)
[87] 1999-11-11 (WO99/56566)
[30] JP (10/124507) 1998-05-07
[30] JP (10/124508) 1998-05-07

[21] **2,331,293**
[13] A1

[51] **Int.Cl. 6A44C 5/20**
[25] EN
[54] **LOCK FOR A NECKLACE, BRACELET OR SUCH ORNAMENT, AS WELL AS AN END EYE FOR SUCH A LOCK**
[54] **FERMETURE POUR COLLIER, BRACELET OU ORNEMENT DE CE TYPE, ET OEIL TERMINAL POUR CETTE FERMETURE**
[72] VAN DER GREFT, NICOLAAS, NL
[71] VAN DER GREFT, NICOLAAS, NL
[85] 2000-11-02
[86] 1999-05-18 (PCT/NL99/00305)
[87] 1999-11-25 (WO99/59442)
[30] NL (1009195) 1998-05-18

[21] **2,331,294**
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 29/06**
[25] EN
[54] **METHOD AND DEVICE FOR INCREASING A DATA THROUGHPUT**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'AUGMENTER LA QUANTITE DE DONNEES TRANSMISES**
[72] GROENSTADT, ASHILD, NO
[72] MEYER, MICHAEL, DE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-11-02
[86] 1999-05-11 (PCT/EP99/03211)
[87] 1999-11-18 (WO99/59300)
[30] EP (98108681.2) 1998-05-13

[21] **2,331,295**
[13] A1

[51] **Int.Cl. 6C07D 233/54 6C07K 5/06 6C07K 5/08 6A61K 31/415**
[25] EN
[54] **COMBINATIONS OF PROTEIN FARNESYLTRANSFERASE AND HMG COA REDUCTASE INHIBITORS AND THEIR USE TO TREAT CANCER**
[54] **COMBINAISONS D'INHIBITEURS DE PROTEINE FARNESYLTRANSFERASE ET DE HMG COA REDUCTASE ET LEURS UTILISATIONS DANS LE TRAITEMENT DU CANCER**
[72] LEOPOLD, JUDITH, US
[72] NEWTON, ROGER SCHOFIELD, US
[71] WARNER-LAMBERT COMPANY, US
[85] 2000-11-02
[86] 1999-05-10 (PCT/US99/10188)
[87] 1999-11-18 (WO99/58505)
[30] US (60/085,202) 1998-05-12
[30] US (60/092,253) 1998-07-10

[21] **2,331,296**
[13] A1

[51] **Int.Cl. 6G01N 21/64**
[25] EN
[54] **SCANNING SYSTEM AND METHOD OF OPERATION FOR AUTOMATICALLY SETTING DETECTION SENSITIVITY**
[54] **DETECTEUR A BALAYAGE ET PROCEDE DE FONCTIONNEMENT PERMETTANT DE REGLER AUTOMATIQUEMENT LA SENSIBILITE DE DETECTION**
[72] BENGTTSSON, HANS, US
[71] GENERAL SCANNING, INC., US
[85] 2000-11-02
[86] 1999-04-09 (PCT/US99/07883)
[87] 1999-11-11 (WO99/57545)
[30] US (09/071,982) 1998-05-04

Demandes PCT entrant en phase nationale

[21] **2,331,297**
[13] A1

[51] **Int.Cl. 6C07H 15/203 6C12P 19/44 6A61K 31/70**
[25] EN
[54] **HYGROMYCIN A DERIVATIVES DERIVES D'HYGROMYCINE A**
[72] MCCORMICK, ELLEN LESTER, US
[72] JEFSON, MARTIN RAYMOND, US
[72] GUHAN, SUBRAMANIAN SAM, US
[72] BRIGHTY, KATHERINE ELIZABETH, US
[72] LINDE, ROBERT GERALD II, US
[71] PFIZER PRODUCTS INC., US
[85] 2000-11-02
[86] 1999-05-03 (PCT/IB99/00795)
[87] 1999-11-11 (WO99/57125)
[30] US (60/084,042) 1998-05-04

[21] **2,331,298**
[13] A1

[51] **Int.Cl. 6G01L 1/24**
[25] EN
[54] **SENSING TAPES FOR STRAIN AND/OR TEMPERATURE SENSING BANDE DE DETECTION PERMETTANT DE DETECTER LA CONTRAINTE ET/OU LA TEMPERATURE**
[72] SINGH, HARMEET, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2000-11-02
[86] 1998-09-16 (PCT/US98/19336)
[87] 1999-12-02 (WO99/61875)
[30] US (09/084,842) 1998-05-26

[21] **2,331,299**
[13] A1

[51] **Int.Cl. 6C07C 279/28 6A61K 31/04 6A61K 31/275 6C07C 211/52**
[25] EN
[54] **SUBSTITUTED GUANIDINES AND DIAMINONITROETHENES, THEIR PREPARATION AND USE**
[54] **GUANIDINES ET DIAMINONITROETHENES SUBSTITUEES, PREPARATION ET APPLICATIONS**
[72] TAGMOSE, TINA MOLLER, DK
[72] MOGENSEN, JOHN PATRICK, DK
[72] HANSEN, JOHN BONDO, DK
[71] NOVO NORDISK A/S, DK
[85] 2000-11-02
[86] 1999-05-06 (PCT/DK99/00251)
[87] 1999-11-18 (WO99/58497)
[30] DK (0634/98) 1998-05-11

[21] **2,331,300**
[13] A1

[51] **Int.Cl. 6C12N 15/54 6A01H 5/00 6C08B 30/04 6C12N 15/82**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO PLANTS AND PLANT PRODUCTS**
[54] **AMELIORATIONS APORTEES A DES PLANTES ET A DES PRODUITS VEGETAUX**
[72] MARTIN, CATHERINE ROSEMARY, GB
[72] JOBLING, STEPHEN ALAN, GB
[72] EDWARDS, ELIZABETH ANNE, GB
[72] WESTCOTT, ROGER JOHN, GB
[72] SCHWALL, GERHARD PETER, GB
[72] SMITH, ALISON MARY, GB
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[85] 2000-11-02
[86] 1999-06-15 (PCT/GB99/01902)
[87] 1999-12-23 (WO99/66050)
[30] EP (98304716.8) 1998-06-15

[21] **2,331,301**
[13] A1

[51] **Int.Cl. 6E21B 17/04 6E21B 17/20**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR CONNECTING COILED TUBING TO A MEMBER**
[54] **APPAREIL, SYSTEME ET PROCEDURE POUR RACCORDER UN TUBE EN SPIRALE A UN ELEMENT**
[72] BREAUX, STEPHEN P., US
[72] BEEMAN, ROBERT STEPHEN, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2000-11-02
[86] 1999-05-04 (PCT/GB99/01181)
[87] 1999-11-11 (WO99/57414)
[30] US (09/072,021) 1998-05-04

[21] **2,331,302**
[13] A1

[51] **Int.Cl. 6H04N 7/16 6H04N 7/173**
[25] EN
[54] **INTERACTIVE TELEVISION PROGRAM GUIDE SYSTEM FOR DETERMINING USER VALUES FOR DEMOGRAPHIC CATEGORIES**
[54] **GUIDE INTERACTIF DE PROGRAMMES DE TELEVISION PERMETTANT DE DETERMINER DES VALEURS D'ENTREE UTILISATEUR POUR DES CATEGORIES DEMOGRAPHIQUES**
[72] REYNOLDS, STEVEN J., US
[72] HASSELL, JOEL G., US
[72] ELLIS, MICHAEL D., US
[72] KNEE, ROBERT A., US
[71] UNITED VIDEO PROPERTIES, INC., US
[85] 2000-11-02
[86] 1999-05-13 (PCT/US99/10586)
[87] 1999-11-25 (WO99/60789)
[30] US (60/085,750) 1998-05-15
[30] US (09/139,777) 1998-08-25

[21] **2,331,304**
[13] A1

[51] **Int.Cl. 6C07C 291/14 6C06B 47/08 6C01B 21/16**
[25] EN
[54] **HYDRAZINIUM NITROFORMATE D'HYDRAZINIUM**
[72] LOUWERS, JEROEN, NL
[72] VAN DER HEIJDEN, ANTONIUS EDUARD DOMINICUS MARIA, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK, NL
[85] 2000-11-07
[86] 1999-05-11 (PCT/NL99/00289)
[87] 1999-11-18 (WO99/58498)
[30] NL (1009155) 1998-05-13

PCT Applications Entering the National Phase

[21] **2,331,305**
[13] A1

[51] **Int.Cl. 6G06G 7/66**
[25] EN
[54] **AUTOMATIC POWER ADJUSTMENT SYSTEM FOR INTRODUCTORY USE OF A VIBRATING DEVICE ON A HUMAN BODY**

[54] **SYSTEME AUTOMATIQUE DE REGLAGE DE PUISSANCE POUR L'INSERTION D'UN DISPOSITIF VIBRANT DANS UN CORPS HUMAIN**

[72] MCCOY, WILLIAM G., US
[72] BAYEH, DANIEL, US
[72] LUNDELL, WILLIAM G., US
[71] OPTIVA CORPORATION, US
[85] 2000-11-07
[86] 1999-05-06 (PCT/US99/10069)
[87] 1999-11-11 (WO99/57672)
[30] US (09/074,144) 1998-05-07

[21] **2,331,309**
[13] A1

[51] **Int.Cl. 6C09B 62/51 6C09B 62/085 6C09B 62/245 6C09B 62/45**
[25] EN
[54] **WATER-SOLUBLE MONOAZO COMPOUNDS, METHOD FOR PRODUCING SAME AND THEIR USE AS DYES**

[54] **COMPOSES MONOAZO SOLUBLES DANS L'EAU, PROCEDES PERMETTANT DE LES PREPARER ET LEUR UTILISATION COMME COLORANTS**

[72] DANNHEIM, JORG, DE
[71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG, DE
[85] 2000-11-07
[86] 1999-05-03 (PCT/EP99/02972)
[87] 1999-11-18 (WO99/58612)
[30] DE (198 20 543.0) 1998-05-08

[21] **2,331,311**
[13] A1

[51] **Int.Cl. 6C12N 15/56 6C08B 30/00 6A01H 5/00 6A01H 5/10 6C12N 5/10 6C12N 1/21 6C12N 9/44 6C12N 15/82**
[25] EN
[54] **NUCLEIC ACID MOLECULES ENCODING WHEAT ENZYMES INVOLVED IN STARCH SYNTHESIS**
[54] **MOLECULES D'ACIDE NUCLEIQUE CODANT LES ENZYMES ISSUES DU FROMENT ET PARTICIPANT A LA SYNTHESE DE L'AMIDON**

[72] LUTTICKE, STEPHANIE, DE
[72] LORZ, HORST, DE
[72] ABEL, GERNOT, DE
[72] GENSCHEL, ULRICH, DE
[71] AVENTIS CROPS SCIENCE GMBH, DE
[85] 2000-11-07
[86] 1999-05-07 (PCT/EP99/03141)
[87] 1999-11-18 (WO99/58690)
[30] DE (198 20 608.9) 1998-05-08

[21] **2,331,308**
[13] A1

[51] **Int.Cl. 6F17C 9/02**
[25] EN
[54] **METHOD AND APPARATUS FOR SUPPLYING VAPORIZED GAS ON CONSUMER DEMAND**
[54] **PROCEDE ET APPAREIL POUR L'ALIMENTATION EN GAZ VAPORISE A LA DEMANDE DES CONSOMMATEURS**

[72] SICHERMAN, GADI, IL
[71] SICHERMAN, GADI, IL
[85] 2000-11-07
[86] 1999-05-12 (PCT/IL99/00254)
[87] 1999-11-18 (WO99/58896)
[30] IL (124462) 1998-05-13

[21] **2,331,310**
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04Q 11/04**
[25] EN
[54] **METHOD FOR CONTROLLING THE MESSAGE FLOW IN A COMMUNICATION NETWORK**
[54] **PROCEDE DE REGULATION DU FLUX DE DONNEES DANS UN RESEAU DE COMMUNICATION**

[72] GRADISCHNIG, KLAUS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2000-11-07
[86] 1999-05-04 (PCT/EP99/03049)
[87] 1999-11-18 (WO99/59299)
[30] DE (198 20 738.7) 1998-05-08

[21] **2,331,312**
[13] A1

[51] **Int.Cl. 6H04N 5/926 6H04N 5/783 6H04N 9/804**
[25] EN
[54] **METHOD FOR STORING COMPRESSED DIGITAL AUDIO AND VIDEO**

[54] **PROCEDE DE STOCKAGE DE DONNEES AUDIO ET VIDEO COMPRIEES**
[72] TEUNISSEN, CORNELIS, NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2000-11-07
[86] 1999-04-29 (PCT/IB99/00782)
[87] 1999-12-02 (WO99/62251)
[30] EP (98201509.1) 1998-05-08

[21] **2,331,313**
[13] A1

[51] **Int.Cl. 6H04B 1/40**
[25] EN
[54] **COMMUNICATOR HAVING RECONFIGURABLE RESOURCES**
[54] **MODULE DE COMMUNICATIONS A RESSOURCES RECONFIGURABLES**

[72] CORNILS, CURTIS L., US
[72] CAMPINI, EDOARDO, US
[72] SHARRIT, PAUL, US
[71] MOTOROLA, INC., US
[85] 2000-11-07
[86] 1999-05-18 (PCT/US99/11019)
[87] 1999-11-25 (WO99/60715)
[30] US (09/080,113) 1998-05-18

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,331,314 [13] A1</p> <p>[51] Int.Cl. 6A61K 35/54 [25] EN [54] ANTI-DIARRHEAL AND METHOD FOR USING THE SAME [54] ANTIDIARRHEIQUE ET PROCEDE D'UTILISATION DUDIT PRODUIT [72] ADALSTEINSSON, ORN, US [72] GREENBLATT, HELLEN CHAYA, US [72] JACOBY, HANK, US [72] BRODIE, DAVID A., US [71] DCV, INC., US [85] 2000-11-07 [86] 1999-05-07 (PCT/US99/10049) [87] 1999-11-18 (WO99/58133) [30] US (60/084,765) 1998-05-08</p>	<p style="text-align: right;">[21] 2,331,318 [13] A1</p> <p>[51] Int.Cl. 6C07D 209/12 6C07D 403/12 6C07D 413/12 6A61K 31/40 [25] EN [54] COMPOSITIONS COMPRISING 2-PHENYL-INDOLE COMPOUNDS AND ESTROGEN FORMULATIONS [54] COMPOSITIONS COMPRENANT DES COMPOSES A BASE DE 2-PHENYL-INDOLE ET DE FORMULATIONS D'OESTROGENES [72] PICKAR, JAMES HARRISON, US [72] KOMM, BARRY SAMUEL, US [71] AMERICAN HOME PRODUCTS CORPORATION, US [85] 2000-11-07 [86] 1999-05-11 (PCT/US99/10215) [87] 1999-11-25 (WO99/59969) [30] US (09/079,644) 1998-05-15 [30] US (09/079,604) 1998-05-15</p>	<p style="text-align: right;">[21] 2,331,341 [13] A1</p> <p>[51] Int.Cl. 6H04B 7/26 6H04B 7/005 [25] EN [54] METHOD AND SYSTEM FOR MULTIPLEXING OF MULTIPLE USERS FOR ENHANCED CAPACITY RADIOCOMMUNICATIONS [54] PROCEDE ET SYSTEME DE MULTIPLEXAGE DE PLUSIEURS UTILISATEURS EN VUE D'OBTENIR DES COMMUNICATIONS RADIO A PLUS GRANDE CAPACITE [72] RATH, ALEX KRISTER, US [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-07 [86] 1999-05-11 (PCT/SE99/00798) [87] 1999-11-18 (WO99/59269) [30] US (60/084,913) 1998-05-11 [30] US (09/079,205) 1998-05-15</p>
<p style="text-align: right;">[21] 2,331,316 [13] A1</p> <p>[51] Int.Cl. 6A61N 1/368 [25] EN [54] CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS [54] STIMULATION CARDIAQUE UTILISANT DES RETARDS AURICULO-VENTRICULAIRES REGLABLES [72] SPINELLI, JULIO, US [72] KRAMER, ANDREW P., US [72] YU, YINGHONG, US [72] DING, JIANG, US [71] CARDIAC PACEMAKERS, INC., US [85] 2000-11-07 [86] 1999-05-07 (PCT/US99/10142) [87] 1999-11-18 (WO99/58191) [30] US (60/084,704) 1998-05-08 [30] US (09/075,278) 1998-05-08</p>	<p style="text-align: right;">[21] 2,331,320 [13] A1</p> <p>[51] Int.Cl. 7D21F 3/02 [25] EN [54] A PRESS FOR THE DEWATERING OF A FIBRE WEB [54] PRESSE PERMETTANT D'EXPRIMER L'EAU D'UNE BANDE FIBREUSE [72] KOSKI, ILPO, FI [71] VALMET CHEMICAL PULPING OY, FI [85] 2000-11-07 [86] 2000-04-12 (PCT/FI00/00304) [87] 2000-11-02 (WO00/65152) [30] FI (990823) 1999-04-14 [30] FI (991029) 1999-05-05</p>	<p style="text-align: right;">[21] 2,331,349 [13] A1</p> <p>[51] Int.Cl. 6B60C 11/00 6B60C 19/12 [25] EN [54] TIRE [54] PNEUMATIQUE [72] PARK, YOUNG SOUL, KR [71] PARK, YOUNG SOUL, KR [85] 2000-11-06 [86] 1999-05-06 (PCT/KR99/00217) [87] 1999-11-11 (WO99/56975) [30] KR (1998/16239) 1998-05-07 [30] KR (1998/57408) 1998-12-22</p>
<p style="text-align: right;">[21] 2,331,317 [13] A1</p> <p>[51] Int.Cl. 6F16L 9/12 [25] EN [54] MULTI-LAYER FILLER PIPE FOR VEHICLE FUEL TANKS [54] TUYAU DE REMPLISSAGE MULTICOUCHE POUR RESERVOIRS DE CARBURANT DE VEHICULES [72] MEHTA, SAURIN, US [71] SOLVAY AUTOMOTIVE, INC., US [85] 2000-11-06 [86] 1999-05-05 (PCT/US99/06565) [87] 1999-11-11 (WO99/57473) [30] US (60/084,568) 1998-05-07 [30] US (09/304,540) 1999-05-04</p>	<p style="text-align: right;">[21] 2,331,321 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/39 [25] EN [54] A RADIO-FREQUENCY GENERATOR FOR AN ABLATION DEVICE [54] GENERATEUR DE RADIOFREQUENCES POUR DISPOSITIF D'ABLATION [72] STRUL, BRUNO, US [72] SAMPSON, RUSSEL MAHLON, US [72] TRUCKAI, CSABA, US [72] KANE, MARK LEO, US [71] NOVACEPT, US [85] 2000-11-07 [86] 1999-05-07 (PCT/US99/09904) [87] 1999-11-18 (WO99/58070) [30] US (60/084,712) 1998-05-08 [30] US (09/306,480) 1999-05-06</p>	<p style="text-align: right;">[21] 2,331,351 [13] A1</p> <p>[51] Int.Cl. 6G06T 11/20 [25] EN [54] SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR REPRESENTING PROXIMITY DATA IN A MULTI-DIMENSIONAL SPACE [54] SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME INFORMATIQUE SERVANT A REPRESENTER DES DONNEES DE PROXIMITE DANS UN ESPACE MULTIDIMENSIONNEL [72] SALEMME, FRANCIS R., US [72] LOBANOV, VICTOR S., US [72] AGRAFIOTIS, DIMITRIS K., US [71] 3-DIMENSIONAL PHARMACEUTICALS, INC., US [85] 2000-11-07 [86] 1999-05-07 (PCT/US99/09963) [87] 1999-11-11 (WO99/57686) [30] US (09/073,845) 1998-05-07</p>

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<p style="text-align: right;">[21] 2,331,360 [13] A1</p> <p>[51] Int.Cl. 7H01B 7/295 7H01B 7/28 [25] FR [54] CABLE D'ENERGIE COMPRENANT AU MOINS UNE COUCHE DE REVETEMENT EN COMPOSANT NANOCOMPOSITE [54] POWER CABLE COMPRISING AT LEAST A NANOCOMPOSITE COMPONENT COATING LAYER [72] AMIGOUET, PASCAL, FR [72] PRIGENT, MADELEINE, FR [71] ALCATEL, FR [85] 2000-11-03 [86] 2000-02-28 (PCT/FR00/00489) [87] 2000-09-08 (WO00/52712) [30] FR (99/02686) 1999-03-04</p>	<p style="text-align: right;">[21] 2,331,364 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/05 6A61K 31/70 [25] FR [54] ANTAGONISTES DES LIGANDS DU RECEPTEUR DES ARYLHYDROCARBURES [54] ARYLHYDROCARBON RECEPTOR LIGAND ANTAGONISTS [72] MILGROM, EDWIN, FR [72] CASPER, ROBERT-FREDERIC, FR [72] SAVOURET, JEAN-FRANCOIS, FR [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR [85] 2000-11-03 [86] 1999-05-05 (PCT/FR99/01063) [87] 1999-11-11 (WO99/56737) [30] FR (98/05673) 1998-05-05</p>	<p style="text-align: right;">[21] 2,331,367 [13] A1</p> <p>[51] Int.Cl. 6H01Q 1/38 [25] EN [54] BROAD BAND PATCH ANTENNA [54] ANTENNE A PLAQUE A LARGE BANDE [72] VAN HOOZEN, ALLEN LEE, US [71] NORTHROP GRUMMAN CORPORATION, US [85] 2000-11-03 [86] 1999-03-31 (PCT/US99/06854) [87] 1999-11-11 (WO99/57783) [30] US (09/073,718) 1998-05-06</p>
<p style="text-align: right;">[21] 2,331,362 [13] A1</p> <p>[51] Int.Cl. 6E03C 1/33 [25] FR [54] PROCEDE POUR L'INTEGRATION D'UNE VASQUE A UN PLAN RECEPTEUR, ENSEMBLE MONOBLOC OBTENU POUR MEUBLE NOTAMMENT DE SALLE DE BAINS OU DE CUISINE [54] METHOD FOR INCORPORATING A BASIN IN A RECEIVING PLANE, RESULTING MONOBLOC ASSEMBLY FOR FURNITURE IN PARTICULAR BATHROOM OR KITCHEN FURNITURE [72] LIMBACH, CHRISTIAN, FR [71] LIMBACH, CHRISTIAN, FR [85] 2000-11-03 [86] 1999-04-22 (PCT/FR99/00961) [87] 1999-11-11 (WO99/57383) [30] FR (98/05818) 1998-05-07</p>	<p style="text-align: right;">[21] 2,331,365 [13] A1</p> <p>[51] Int.Cl. 6H05H 1/30 [25] FR [54] PROCEDE ET DISPOSITIF DE TRAITEMENT A HAUTE FREQUENCE DE PRODUITS, MATERIELS ET UTILISATIONS ASSOCIES [54] METHOD AND DEVICE FOR HIGH FREQUENCY TREATMENT OF PRODUCTS, RELATED MATERIALS AND USES [72] DURR, HENRI, FR [71] DURR, HENRI, FR [71] CHAPEL ET CIE., FR [85] 2000-11-02 [86] 1999-05-04 (PCT/FR99/01057) [87] 1999-11-11 (WO99/57947) [30] FR (98/05910) 1998-05-05</p>	<p style="text-align: right;">[21] 2,331,369 [13] A1</p> <p>[51] Int.Cl. 6B24D 15/06 6B24D 15/08 [25] EN [54] SHARPENABLE EDGE SHARPENING EQUIPMENT [54] EQUIPEMENT D'AFFUTAGE D'ARETES SUSCEPTIBLES D'ETRE AFFUTEES [72] PRETORIUS, STEPHAN DEON, ZA [72] PRETORIUS, HEINRICH STIEGER, ZA [71] PRETORIUS, STEPHAN DEON, ZA [71] PRETORIUS, HEINRICH STIEGER, ZA [85] 2000-11-03 [86] 1999-05-05 (PCT/ZA99/00031) [87] 1999-11-11 (WO99/56915) [30] ZA (98/3774) 1998-05-05 [30] ZA (98/11222) 1998-12-08</p>
<p style="text-align: right;">[21] 2,331,366 [13] A1</p> <p>[51] Int.Cl. 6B63B 1/12 6B63B 1/20 [25] EN [54] HULL FOR SHIPPING WITH A MONO-THREE-CATAMARAN ARCHITECTURE [54] COQUE CONCUE POUR UNE ARCHITECTURE DE MONOCOQUE, DE TRIMARAN OU DE CATAMARAN [72] MASCELLARO, LUIGI, IT [71] MASCELLARO, LUIGI, IT [85] 2000-11-03 [86] 1999-04-22 (PCT/IT99/00101) [87] 1999-11-11 (WO99/57006) [30] IT (RM98A000294) 1998-05-06 [30] IT (RM99A000024) 1999-01-14</p>	<p style="text-align: right;">[21] 2,331,371 [13] A1</p> <p>[51] Int.Cl. 6C07K 9/00 [25] EN [54] WATER-SOLUBLE PRO-DRUGS OF 2,6-DIISOPROPYLPHENOL ANALOGUES [54] PROMEDICAMENTS DE PROFOL SOLUBLES DANS L'EAU [72] SANCHEZ, ROBERT A., US [72] ZIELINSKI, JAN, US [72] HENDLER, SHELDON S., US [71] VYREX CORPORATION, US [85] 2000-11-03 [86] 1999-05-07 (PCT/US99/10013) [87] 1999-11-18 (WO99/58555) [30] US (09/075,356) 1998-05-08</p>	

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[13] A1

[51] **Int.Cl. 7H04N 1/40**
[25] EN
[54] **METHOD AND APPARATUS FOR IMAGE CLASSIFICATION AND HALFTONE DETECTION**
[54] **PROCEDE ET APPAREIL POUR LA CLASSIFICATION D'IMAGE ET LA DETECTION DE DEMI-TEINTES**
[72] KARIDI, RON J., US
[72] NORDSTROM, NIKLAS, US
[71] ELECTRONICS FOR IMAGING, INC., US
[85] 2000-11-03
[86] 1999-07-07 (PCT/US99/15354)
[87] 2000-01-13 (WO00/02378)
[30] US (09/111,047) 1998-07-07

[21] **2,331,374**
[13] A1

[51] **Int.Cl. 6C12N 15/10**
[25] FR
[54] **PROCEDE DE CONSERVATION DE LONGUE DUREE DE MOLECULES D'ADN ET CONDITIONNEMENT POUR SA MISE EN OEUVRE**
[54] **METHOD FOR PROLONGED STORAGE OF DNA MOLECULES AND PACKAGING IMPLEMENTING SAID METHOD**
[72] BONNET, JACQUES, FR
[72] PORTIER, JOSEPH, FR
[72] CAMPET, GUY, FR
[72] TUFFET, SOPHIE, FR
[72] NOEL, THIERRY, FR
[72] DE SOUZA, DAVID GEORGES, FR
[71] BONNET, JACQUES, FR
[71] PORTIER, JOSEPH, FR
[71] CAMPET, GUY, FR
[71] TUFFET, SOPHIE, FR
[71] NOEL, THIERRY, FR
[71] DE SOUZA, DAVID GEORGES, FR
[85] 2000-11-02
[86] 1998-05-06 (PCT/FR98/00912)
[87] 1999-11-11 (WO99/57264)

[21] **2,331,376**
[13] A1

[51] **Int.Cl. 6H02M 7/538 6G05F 1/56**
[25] EN
[54] **INVERTER CIRCUIT WITH AVALANCHE CURRENT PREVENTION**
[54] **CIRCUIT INVERSEUR AVEC PREVENTION DE COURANT D'AVALANCHE**
[72] MOISIN, MIHAIL S., US
[71] ELECTRO-MAG INTERNATIONAL, INC., US
[85] 2000-11-03
[86] 1999-04-08 (PCT/US99/07744)
[87] 1999-11-11 (WO99/57801)
[30] US (09/073,774) 1998-05-06

[21] **2,331,377**
[13] A1

[51] **Int.Cl. 6B60C 9/08 6B60C 9/04 6B60C 9/12**
[25] FR
[54] **PNEUMATIQUE A ARMATURE DE CARCASSE A DEUX RIGIDITES**
[54] **TYRE WITH BODY PLY REINFORCEMENT HAVING TWO RIGIDITY LEVELS**
[72] MOREL, NOEL, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE, FR
[85] 2000-11-02
[86] 1999-04-27 (PCT/EP99/02816)
[87] 1999-11-11 (WO99/56974)
[30] FR (98/05870) 1998-05-06

[21] **2,331,379**
[13] A1

[51] **Int.Cl. 6F16L 57/00**
[25] EN
[54] **THREAD PROTECTOR**
[54] **PROTECTEUR DE FILETAGE**
[72] GRBIC, VINCENT DANKO, US
[72] VON ROSENBERG, EDGAR L., US
[72] KING, HENRY CAMPBELL, US
[72] RUSH, COLIN, GB
[72] THORNTON, WILLIAM, DE
[72] RICHARDS, DARRELL R., US
[71] DRILLTEC PATENTS & TECHNOLOGIES COMPANY, INC., US
[85] 2000-11-03
[86] 1999-05-20 (PCT/US99/11231)
[87] 1999-12-02 (WO99/61836)
[30] US (60/086,446) 1998-05-22

[21] **2,331,381**
[13] A1

[51] **Int.Cl. 7E21B 33/12 7E21B 29/08**
[25] EN
[54] **A METHOD AND A PLUG FOR PLUGGING A CASING IN A PETROLEUM WELL AND A TOOL FOR MILLING AN OPENING IN A CASING IN A PETROLEUM WELL**
[54] **PROCEDE DE FORMATION D'UN BOUCHON DANS UN Puits DE PETROLE**
[72] SOLVERSEN, SVEIN HENNING, NO
[72] HANSEN, HENNING, NO
[71] NORSE CUTTING & ABANDONMENT AS, NO
[85] 2000-11-03
[86] 1999-05-04 (PCT/NO99/00147)
[87] 1999-11-11 (WO99/57409)
[30] NO (19981998) 1998-05-04

[21] **2,331,383**
[13] A1

[51] **Int.Cl. 6C23C 16/44 6C23C 30/00 6C23C 28/04**
[25] EN
[54] **MULTILAYERED CVD COATED ARTICLE AND PROCESS FOR PRODUCING SAME**
[54] **ARTICLE REVETU PAR DCPV DE COUCHES MULTIPLES ET PROCEDE DE PRODUCTION**
[72] NARASIMHAN, KRISHNAN, US
[72] RUSSELL, WILLIAM C., US
[71] VALENITE INC., US
[85] 2000-11-03
[86] 1998-11-10 (PCT/US98/23943)
[87] 1999-11-18 (WO99/58738)
[30] US (09/075,236) 1998-05-08

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[21] **2,331,387**
[13] A1

[51] **Int.Cl. 6A61K 31/47**
[25] EN
[54] **METHODS FOR THE NORMALIZATION OF SEXUAL RESPONSE AND AMELIORATION OF LONG TERM GENITAL TISSUE DEGRADATION**
[54] **PROCEDES PERMETTANT DE NORMALISER LA REPONSE SEXUELLE ET D'AMELIORER LA DEGRADATION PROLONGEE DES TISSUS GENITAUX**
[72] HEATON, JEREMY P. W., CA
[72] ADAMS, MICHAEL A., CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2000-11-03
[86] 1999-05-28 (PCT/CA99/00508)
[87] 1999-12-09 (WO99/62502)
[30] US (09/086,630) 1998-05-29

[21] **2,331,389**
[13] A1

[51] **Int.Cl. 6C07C 69/76 6C11B 9/00 6A61K 7/46 6C07C 69/716 6C07C 69/738**
[25] EN
[54] **SLOW RELEASE OF FRAGRANT COMPOUNDS IN PERFUMERY USING 2-BENZOYL BENZOATES, 2-ALKANOYL BENZOATES OR .ALPHA.-KETO ESTERS**
[54] **COMPOSES DE PARFUMERIE ODORANTS A LIBERATION LENTE CONTENANT DES BENZOATES DE 2-BENZOYLE, DES BENZOATES DE 2-ALCANOYLE OU DES .ALPHA.-CETOESTERS**
[72] PIKA, JANA, US
[72] VIAL, CHRISTIAN, CH
[72] HERRMANN, ANDREAS, CH
[71] FIRMENICH S.A., CH
[85] 2000-11-03
[86] 1999-05-17 (PCT/IB99/00890)
[87] 1999-12-02 (WO99/60990)
[30] US (09/085,593) 1998-05-28

[21] **2,331,391**
[13] A1

[51] **Int.Cl. 6H04Q 7/36 6H04B 7/08 6H01Q 3/26 6H04Q 7/30**
[25] EN
[54] **MOBILE RADIO BASE STATION WITH AN ADAPTIVE ANTENNA**
[54] **STATION DE BASE RADIOTELEPHONIQUE MOBILE A ANTENNE ADAPTATIVE**
[72] SPLETT, ARMIN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2000-11-03
[86] 1999-05-06 (PCT/DE99/01373)
[87] 1999-11-11 (WO99/57919)
[30] DE (198 20 460.4) 1998-05-07

[21] **2,331,393**
[13] A1

[51] **Int.Cl. 7A61K 31/19 7A61P 3/06 7A61P 9/10 7A61K 31/20**
[25] EN
[54] **NOVEL FATTY ACID ANALOGUES FOR THE TREATMENT OF PRIMARY AND SECONDARY RESTENOSIS**
[54] **NOUVEAUX ANALOGUES D'ACIDES GRAS POUR TRAITER LA RESTENOSE PRIMAIRE ET SECONDAIRE**
[72] BERGE, ROLF, NO
[71] THIA MEDICA AS, NO
[85] 2000-11-03
[86] 1999-05-07 (PCT/NO99/00149)
[87] 1999-11-18 (WO99/58123)
[30] NO (PCT/NO98/00143) 1998-05-08

[21] **2,331,395**
[13] A1

[51] **Int.Cl. 6A61K 31/19 6C07C 391/00 6C07C 327/06 6A61K 31/20 6A23L 1/29**
[25] EN
[54] **NOVEL FATTY ANALOGUES FOR THE TREATMENT OF DIABETES**
[54] **NOUVEAUX ANALOGUES D'ACIDES GRAS DESTINES AU TRAITEMENT DU DIABETE**
[72] BERGE, ROLF, NO
[71] THIA MEDICA AS, NO
[85] 2000-11-03
[86] 1999-04-23 (PCT/NO99/00136)
[87] 1999-11-18 (WO99/58122)
[30] NO (PCT/NO98/00143) 1998-05-08

[21] **2,331,396**
[13] A1

[51] **Int.Cl. 6C07B 63/04 6C07C 7/20**
[25] EN
[54] **METHOD FOR STABILIZING UNSATURATED ORGANIC COMPOUNDS FROM POLYMERIZATION**
[54] **PROCEDE DE STABILISATION DE COMPOSES ORGANIQUES NON SATURES PROVENANT D'UNE POLYMERISATION**
[72] FAGAN, STEPHEN M., US
[72] DEMASSA, JOHN M., US
[71] UNIROYAL CHEMICAL COMPANY, INC., US
[85] 2000-11-03
[86] 1999-04-29 (PCT/US99/09358)
[87] 1999-12-02 (WO99/61396)
[30] US (09/084,619) 1998-05-26

[21] **2,331,399**
[13] A1

[51] **Int.Cl. 6C07D 495/04 6C07D 221/00 6C07D 333/00 6A61K 31/435**
[25] EN
[54] **THIENOPYRIDINE COMPOUNDS, THEIR PRODUCTION AND USE**
[54] **COMPOSES DE THIENOPYRIDINE, ET PROCEDE DE PRODUCTION ET D'UTILISATION CORRESPONDANT**
[72] CHO, NOBUO, JP
[72] IMADA, TAKASHI, JP
[72] SUZUKI, NOBUHIRO, JP
[72] FURUYA, SHUICHI, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2000-11-03
[86] 1999-06-24 (PCT/JP99/03379)
[87] 2000-01-06 (WO00/00493)
[30] JP (10/181263) 1998-06-26
[30] JP (10/333004) 1998-11-24

[21] **2,331,400**
[13] A1

[51] **Int.Cl. 6G21G 1/10 6G21G 4/08**
[25] EN
[54] **PRODUCTION OF PALLADIUM-103**
[54] **PRODUCTION DE PALLADIUM-103**
[72] WEBSTER, BRIAN A., CA
[71] MDS NORDION INC., CA
[85] 2000-11-03
[86] 1999-04-20 (PCT/CA99/00341)
[87] 1999-11-11 (WO99/57731)
[30] US (09/072,077) 1998-05-04

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[21] **2,331,402**
[13] A1
[51] **Int.Cl. 6B65H 18/26 6B65H 19/30**
[25] EN
[54] **METHOD AND DEVICE FOR APPLYING A LOAD TO A REEL IN A REEL-UP OF A PAPER WEB**
[54] **PROCEDE ET DISPOSITIF D'APPLICATION D'UNE CHARGE SUR UNE BOBINE DANS UNE ENROULEUSE DE BANDE CONTINUE DE PAPIER**
[72] RANTANEN, JOUNI, FI
[72] SUONIEMI, SAKARI, FI
[72] RUHA, PEKKA, FI
[71] VALMET CORPORATION, FI
[85] 2000-11-03
[86] 1999-05-06 (PCT/FI99/00378)
[87] 1999-11-11 (WO99/57048)
[30] FI (981013) 1998-05-07

[21] **2,331,404**
[13] A1
[51] **Int.Cl. 6A61L 2/10 6A61L 2/16 6A61M 1/36**
[25] EN
[54] **METHODS AND APPARATUS FOR INACTIVATING CONTAMINANTS IN BIOLOGICAL FLUID**
[54] **PROCEDE ET DISPOSITIF D'INACTIVATION DE CONTAMINANTS DANS UN FLUIDE BIOLOGIQUE**
[72] CHAPMAN, JOHN R., US
[72] LARSON, DALE N., US
[72] STARK, PETER R. H., US
[72] SWALLOW, MICHAEL V., US
[71] BAXTER INTERNATIONAL INC., US
[85] 2000-11-03
[86] 1999-05-10 (PCT/US99/10303)
[87] 1999-11-25 (WO99/59645)
[30] US (09/081,168) 1998-05-18

[21] **2,331,407**
[13] A1
[51] **Int.Cl. 7F16L 23/00 7F16L 35/00**
[25] EN
[54] **STABILIZED MOUNTING ASSEMBLY WITH INTEGRAL BLOCK MODULE AND MANIFOLD/ TRANSMITTER MODULE**
[54] **ENSEMBLE MONTAGE STABILISE AVEC MODULE BLOC INTEGRE ET MODULE COLLECTEUR/ EMETTEUR**
[72] HUTTON, PETER B., US
[71] HUTTON, PETER B., US
[85] 2000-11-03
[86] 2000-02-28 (PCT/US00/05026)
[87] 2000-09-08 (WO00/52375)
[30] US (60/123,175) 1999-03-05
[30] US (60/138,535) 1999-06-10

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[13] A1
[51] **Int.Cl. 6A61K 31/19 6C07C 391/00 6C07C 327/06 6A61K 31/20 6A23L 1/29**
[25] EN
[54] **NOVEL FATTY ANALOGUES FOR THE TREATMENT OF OBESITY, HYPERTENSION AND FATTY LIVER**
[54] **NOUVEAUX ANALOGUES D'ACIDES GRAS DESTINES AU TRAITEMENT DE L'OBESITE, DE L'HYPERTENSION ET DE LA STEATOSE HEPATIQUE**
[72] BERGE, ROLF, NO
[71] THIA MEDICA AS, NO
[85] 2000-11-03
[86] 1999-04-23 (PCT/NO99/00135)
[87] 1999-11-18 (WO99/58121)
[30] NO (PCT/NO98/00143) 1998-05-08

[21] **2,331,411**
[13] A1
[51] **Int.Cl. 6C08J 9/00 6C08J 9/14**
[25] EN
[54] **A CLOSED CELL PHENOLIC FOAM**
[54] **MOUSSE PHENOLIQUE CELLULAIRE**
[72] EDGERLEY, GRAHAM MORGAN, GB
[72] HARRIS, MARK STANLEY, GB
[71] KINGSPAN INDUSTRIAL INSULATION LIMITED, GB
[85] 2000-11-03
[86] 1999-05-14 (PCT/IB99/00871)
[87] 1999-11-25 (WO99/60052)
[30] GB (9810582.8) 1998-05-15
[30] IE (980889) 1998-10-29

[21] **2,331,414**
[13] A1
[51] **Int.Cl. 6A61K 9/70**
[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEM FOR THE ADMINISTRATION OF CANDESARTAN**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE POUR ADMINISTRATION DE CANDESARTAN**
[72] STRUNGSMANN, THOMAS, DE
[71] HEXAL AG, DE
[85] 2000-11-03
[86] 1999-05-04 (PCT/EP99/03029)
[87] 1999-11-11 (WO99/56734)
[30] DE (198 20 151.6) 1998-05-06

[21] **2,331,419**
[13] A1
[51] **Int.Cl. 6H04N 5/765 6H04N 7/167 6H04N 7/173 6H04N 5/91**
[25] EN
[54] **APPARATUS AND METHOD FOR DISTRIBUTION OF HIGH QUALITY IMAGE AND AUDIO PROGRAMS TO REMOTE LOCATIONS**
[54] **APPAREIL ET UN PROCEDE DE DISTRIBUTION DE PROGRAMMES AUDIO ET VIDEO DE HAUTE QUALITE A DES SITES DECENTRALISES**
[72] WESTLING, GREGORY L., US
[72] MORLEY, STEVEN A., US
[71] QUALCOMM INCORPORATED, US
[85] 2000-11-07
[86] 1999-04-30 (PCT/US99/09418)
[87] 1999-11-18 (WO99/59335)
[30] US (09/075,152) 1998-05-08

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[21] **2,331,420**
[13] A1
[51] **Int.Cl. 6C08F 251/00 6C09D 11/00 6C09D 5/02 6C09D 151/02 6C08F 220/02 6C09D 133/06 6C08L 33/06**
[25] EN
[54] **STARCH DEGRADATION/GRAFT POLYMERISATION COMPOSITION, PROCESS, AND USES THEREOF**
[54] **COMPOSITION DE DEGRADATION DE L'AMIDON/ POLYMERISATION AVEC GREFFAGE, PROCEDE ET UTILISATION ASSOCIES**
[72] SANDVICK, PAUL E., US
[72] TODD, FLORENCE L., US
[72] HURLEY, STEVEN M., US
[72] DANLEY, STEVE E., US
[71] S.C. JOHNSON COMMERCIAL MARKETS, INC., US
[85] 2000-11-07
[86] 1999-05-03 (PCT/US99/09629)
[87] 1999-11-11 (WO99/57166)
[30] US (09/074,536) 1998-05-07

[21] **2,331,421**
[13] A1
[51] **Int.Cl. 6G21G 4/08**
[25] EN
[54] **FLUID-JET DEPOSITION OF RADIOACTIVE MATERIAL FOR BRACHYTHERAPY DEVICES**
[54] **DEPOT DE MATIERE RADIOACTIVE PAR JET DE FLUIDE POUR DISPOSITIFS DE CURIETHERAPIE**
[72] WILLIS, MICHAEL, GB
[72] CARDEN, JOHN L., BE
[72] RUSSELL, JOHN L., JR., BE
[72] HUDD, ALAN LIONEL, GB
[72] FOX, JAMES EDWARD, GB
[71] INTERNATIONAL BRACHYTHERAPY S.A., BE
[85] 2000-11-07
[86] 1999-05-04 (PCT/IB99/00914)
[87] 1999-12-02 (WO99/62074)
[30] US (09/085,357) 1998-05-27

[21] **2,331,422**
[13] A1
[51] **Int.Cl. 6C09J 7/02**
[25] EN
[54] **SELF-ADHESIVE RESEALABLE TAMPER-EVIDENT TAPE**
[54] **BANDE AUTO-ADHESIVE POUVANT ETRE RESCELLEE, INDICATRICE D'EFFRACTION**
[72] DECKER, THOMAS A., US
[71] DECKER TAPE PRODUCTS CO., INC., US
[85] 2000-11-07
[86] 1999-04-22 (PCT/US99/08841)
[87] 1999-11-18 (WO99/58619)
[30] US (09/074,828) 1998-05-08

[21] **2,331,423**
[13] A1
[51] **Int.Cl. 6A61M 39/26**
[25] EN
[54] **MEDICAL VALVE WITH POSITIVE FLOW CHARACTERISTICS**
[54] **ROBINET MEDICAL AVEC CARACTERISTIQUES D'ECOULEMENT DIRIGE**
[72] SCHMIDT, JONATHAN T., US
[72] FANGROW, THOMAS F., US
[72] WAIT, DANIEL J., US
[72] BUI, DENNIS M., US
[71] ICU MEDICAL, INC., US
[85] 2000-11-07
[86] 1999-05-14 (PCT/US99/10713)
[87] 1999-11-18 (WO99/58186)
[30] US (09/078,941) 1998-05-14

[21] **2,331,424**
[13] A1
[51] **Int.Cl. 6H04N 7/00 6G01C 3/08 6G02B 5/30**
[25] EN
[54] **NIGHT VIEWER AND LASER RANGE FINDER**
[54] **DISPOSITIF DE VISION NOCTURNE ET TELEMETRE A LASER**
[72] PORTER, JERRY, US
[71] LITTON SYSTEMS, INC., US
[85] 2000-11-07
[86] 1999-05-17 (PCT/US99/11093)
[87] 1999-11-25 (WO99/60787)
[30] US (09/080,437) 1998-05-18

[21] **2,331,427**
[13] A1
[51] **Int.Cl. 7H01R 11/09**
[25] EN
[54] **MULTI-TAP PAD MOUNT CONNECTOR**
[54] **CONNECTEUR DE MONTAGE MUNI D'UNE PLAQUETTE A PRISE MULTIPLE**
[72] DEFRANCE, ROBERT, US
[71] MACLEAN POWER SYSTEMS, US
[85] 2000-11-07
[86] 2000-03-20 (PCT/US00/07405)
[87] 2000-09-28 (WO00/57517)
[30] US (09/274,121) 1999-03-23

[21] **2,331,428**
[13] A1
[51] **Int.Cl. 7G02B 6/36**
[25] EN
[54] **SPLIT OPEN DEAD END**
[54] **DOUILLE D'EXTREMITE FENDUE OUVRANTE**
[72] DEFRANCE, ROBERT, US
[71] MACLEAN POWER SYSTEMS, US
[85] 2000-11-07
[86] 2000-03-15 (PCT/US00/06725)
[87] 2000-09-28 (WO00/57227)
[30] US (09/274,256) 1999-03-22

[21] **2,331,447**
[13] A1
[51] **Int.Cl. 6G01N 33/564 6G01N 33/569**
[25] EN
[54] **INFLAMMATORY BOWEL DISEASE FIRST STEP ASSAY SYSTEM**
[54] **SYSTEME D'ESSAI EN PREMIERE APPROCHE DES MALADIES INTESTINALES INFLAMMATOIRES**
[72] ROSE, STEVEN L., US
[72] WALSH, MICHAEL J., US
[71] PROMETHEUS LABORATORIES, INC., US
[85] 2000-11-09
[86] 1999-05-11 (PCT/US99/10371)
[87] 1999-11-25 (WO99/60403)
[30] US (09/079,435) 1998-05-15

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<p style="text-align: right;">[21] 2,331,448 [13] A1</p> <p>[51] Int.Cl. 6C08J 11/04 [25] EN [54] ACOUSTIC DAMPENING COMPOSITIONS CONTAINING RECYCLED PAINT POLYMER [54] COMPOSITIONS D'ABSORPTION ACOUSTIQUE CONTENANT UN CONSTITUANT POLYMERISSANT DE PEINTURE RECYCLEE [72] HUBERT, JAMES F., US [72] STRZEGOWSKI, LUKE, US [71] HENKEL CORPORATION, US [85] 2000-11-09 [86] 1999-05-07 (PCT/US99/07027) [87] 1999-11-18 (WO99/58597) [30] US (60/085,370) 1998-05-13 [30] US (09/293,128) 1999-04-16</p>	<p style="text-align: right;">[21] 2,331,451 [13] A1</p> <p>[51] Int.Cl. 7G01N 33/483 [25] EN [54] SKIN EVALUATION APPARATUS [54] DISPOSITIF D'EVALUATION DE LA PEAU [72] MCLEOD, ALASTAIR GEORGE, GB [72] FERGUSON-PELL, MARTIN WILLIAM, GB [72] BAIN, DUNCAN SHIRREFFS, GB [71] HUNTLEIGH TECHNOLOGY PLC, GB [85] 2000-11-09 [86] 2000-04-05 (PCT/GB00/01280) [87] 2000-10-12 (WO00/60349) [30] GB (9907613.5) 1999-04-06</p>	<p style="text-align: right;">[21] 2,331,454 [13] A1</p> <p>[51] Int.Cl. 6B01J 2/22 6B01J 37/00 6B01J 35/08 [25] EN [54] PROCESS FOR PRODUCING SPHERICAL OXIDE PARTICLES [54] PROCEDE DE PRODUCTION DE PARTICULES D'OXYDE SPHERIQUES [72] MATSUMOTO, NOBUHITO, JP [72] YANO, EIICHI, JP [72] SHIMOWAKE, MASAFUMI, JP [72] KAMO, TETSURO, JP [71] AKZO NOBEL N.V., NL [71] NIPPON KETJEN CO., LTD., JP [85] 2000-11-09 [86] 1999-05-11 (PCT/EP99/03266) [87] 1999-11-18 (WO99/58236) [30] JP (10/127008) 1998-05-11</p>
<p style="text-align: right;">[21] 2,331,449 [13] A1</p> <p>[51] Int.Cl. 6B21D 26/02 [25] EN [54] APPARATUS AND METHOD FOR HYDROFORMING WORKPIECES [54] APPAREIL ET PROCEDE DESTINES A L'HYDROFORMAGE DE PIECES [72] BERNELF, CLAES, SE [72] HEDIN, KENNETH, SE [71] AUTOMATION, PRESS AND TOOLING AP & T AB, SE [85] 2000-11-09 [86] 1999-05-10 (PCT/SE99/00782) [87] 1999-11-18 (WO99/58266) [30] SE (9801636-3) 1998-05-11</p>	<p style="text-align: right;">[21] 2,331,452 [13] A1</p> <p>[51] Int.Cl. 7E21B 17/01 7F16L 1/14 7F16L 1/18 7F16L 1/19 [25] EN [54] HYBRID RISER FOR DEEP WATER [54] CONDUITE HYBRIDE POUR GRANDE PROFONDEUR [72] KODAISSI, ELIE, FR [72] COUTAREL, ALAIN, FR [71] COFLEXIP, FR [85] 2000-11-09 [86] 2000-03-02 (PCT/FR00/00522) [87] 2000-09-14 (WO00/53884) [30] FR (99/02903) 1999-03-09 [30] FR (00/02126) 2000-02-21</p>	<p style="text-align: right;">[21] 2,331,455 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/12 6A61K 39/00 6A01K 67/027 6C12N 5/10 6A61K 38/17 6C12N 1/21 6C07K 16/28 6G01N 33/50 6G01N 33/53 6C12N 15/62 6G01N 33/68 6C07K 14/705 [25] EN [54] NOVEL MOLECULE AND DIAGNOSIS METHOD [54] NOUVELLE MOLECULE ET METHODE DIAGNOSTIQUE [72] MCMICHAEL, ANDREW JAMES, GB [72] ALLEN, RACHEL LOUISE, GB [72] BOWNESS, PAUL, GB [71] ISIS INNOVATION LIMITED, GB [85] 2000-11-09 [86] 1999-05-11 (PCT/GB99/01481) [87] 1999-11-18 (WO99/58557) [30] GB (9810099.3) 1998-05-11</p>
<p style="text-align: right;">[21] 2,331,450 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/00 [25] EN [54] BIOPSY NEEDLE HANDLE [54] MANCHE A AIGUILLE POUR BIOPSIE [72] TERWILLIGER, RICHARD A., US [71] MEDICAL DEVICE TECHNOLOGIES, INC., US [85] 2000-11-09 [86] 1999-05-11 (PCT/US99/10223) [87] 1999-11-18 (WO99/58049) [30] US (09/076,181) 1998-05-12</p>	<p style="text-align: right;">[21] 2,331,453 [13] A1</p> <p>[51] Int.Cl. 6C11D 1/88 6C11D 3/28 [25] EN [54] IMPROVED AQUEOUS CLEANING SOLUTION AND METHOD FOR REMOVING UNCURED ADHESIVE RESIDUES [54] SOLUTION AQUEUSE DE NETTOYAGE AMELIOREE ET PROCEDE RELATIF A L'ELIMINATION DE RESIDUS ADHESIFS NON DURCIS [72] CALA, FRANK, US [72] VINCI, ALFRED, US [71] CHURCH & DWIGHT COMPANY, INC., US [85] 2000-11-09 [86] 1999-04-28 (PCT/US99/06551) [87] 1999-12-02 (WO99/61570) [30] US (09/083,183) 1998-05-22</p>	<p style="text-align: right;">[21] 2,331,456 [13] A1</p> <p>[51] Int.Cl. 6B60R 22/28 [25] EN [54] REINFORCED BEAM ASSEMBLY [54] SYSTEME DE POUTRE ARMEE [72] WYCECH, JOSEPH S., US [71] HENKEL CORPORATION, US [85] 2000-11-09 [86] 1999-01-06 (PCT/US99/00035) [87] 1999-12-02 (WO99/61289) [30] US (09/085,487) 1998-05-27</p>

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[21] **2,331,457**
[13] A1

[51] **Int.Cl. 6F17D 5/06 6G01M 3/28**
[25] EN
[54] **LIQUID FLOW CONTROL VALVE**
[54] **VANNE DE COMMANDE POUR UN**
ECOULEMENT DE LIQUIDE
[72] SAINT, WILLIAM HENRY, GB
[71] SAINT, WILLIAM HENRY, GB
[85] 2000-11-09
[86] 1999-05-07 (PCT/GB99/01428)
[87] 1999-11-18 (WO99/58897)
[30] GB (9809893.2) 1998-05-09

[21] **2,331,458**
[13] A1

[51] **Int.Cl. 6C10G 45/08 6B01J 35/10**
[25] EN
[54] **HYDROPROCESSING CATALYST**
AND PROCESS FOR
HYDROPROCESSING
HYDROCARBON FEEDS WITH SAID
CATALYST
[54] **CATALYSEUR**
D'HYDROTRAITEMENT ET PROCEDE
POUR L'HYDROTRAITEMENT
D'ALIMENTATIONS
HYDROCARBONEES AVEC LEDIT
CATALYSEUR
[72] KAMO, TETSURO, JP
[72] FUJITA, KATSUHISA, JP
[72] SHIMOWAKE, MASAFUMI, JP
[71] AKZO NOBEL N.V., NL
[71] NIPPON KETJEN CO., LTD., JP
[85] 2000-11-09
[86] 1999-05-11 (PCT/EP99/03264)
[87] 1999-11-18 (WO99/58626)
[30] JP (10/127007) 1998-05-11

[21] **2,331,459**
[13] A1

[51] **Int.Cl. 7E05D 13/00 7E05F 5/00**
[25] EN
[54] **BUFFER DEVICE**
[54] **DISPOSITIF TAMPON**
[72] HAAB, OTTO, CH
[72] HAAB, KARL, CH
[71] HAWA AG, CH
[85] 2000-11-09
[86] 2000-03-14 (PCT/CH00/00145)
[87] 2000-09-21 (WO00/55460)
[30] CH (481/99) 1999-03-16

[21] **2,331,460**
[13] A1

[51] **Int.Cl. 6C07D 213/56 6C07D 401/06**
6A61K 31/44 6C07D 213/73 6C07D 213/74
6C07D 213/75
[25] EN
[54] **HETEROCYCLIC INHIBITORS OF**
P38
[54] **INHIBITEURS**
HETEROCYCLIQUES DE LA
PROTEINE P38
[72] BELLON, STEVEN, US
[72] BEMIS, GUY, US
[72] SALITURO, FRANCESCO, US
[72] GALULLO, VINCENT, US
[72] COCHRAN, JOHN, US
[71] VERTEX PHARMACEUTICALS
INCORPORATED, US
[85] 2000-11-09
[86] 1999-05-11 (PCT/US99/10291)
[87] 1999-11-18 (WO99/58502)
[30] US (60/085,053) 1998-05-11
[30] US (60/127,626) 1999-04-01
[30] US (60/129,099) 1999-04-13

[21] **2,331,461**
[13] A1

[51] **Int.Cl. 6C07D 209/46 6A61K 31/40**
[25] EN
[54] **ANALOGS OF 2-**
PHTHALIMIDINOGLUTARIC ACID
AND THEIR USE AS INHIBITORS OF
ANGIOGENESIS
[54] **ANALOGUES DE L'ACIDE 2-**
PHTHALIMIDINOGLUTARIQUE
[72] SHAH, JAMSHED H., US
[72] SWARTZ, GLENN M., US
[72] PAPATHANASSIU, ADONIA E., US
[72] MADSEN, JOHN W., US
[72] FOGLER, WILLIAM E., US
[72] GREEN, SHAWN J., US
[71] ENTREMED, INC., US
[85] 2000-11-09
[86] 1999-05-11 (PCT/US99/10287)
[87] 1999-11-18 (WO99/58096)
[30] US (60/085,037) 1998-05-11
[30] US (60/097,384) 1998-08-21
[30] US (60/108,037) 1998-11-12

[21] **2,331,462**
[13] A1

[51] **Int.Cl. 6H04B 14/06 6G01R 31/18**
[25] EN
[54] **METHOD AND APPARATUS FOR**
AUTOMATED TIME DOMAIN
MONITORING IN OPTICAL
NETWORKS
[54] **PROCEDE ET APPAREIL**
DESTINES A LA SURVEILLANCE
AUTOMATIQUE DE DOMAINES DE
TEMPS DANS DES RESEAUX
OPTIQUES
[72] BANWELL, THOMAS C., US
[72] ANDERSON, WILLIAM T., US
[72] CHEUNG, NIM K., US
[72] HODGE, JAMES, US
[71] TELCORDIA TECHNOLOGIES, INC.,
US
[85] 2000-11-09
[86] 1999-05-13 (PCT/US99/10616)
[87] 1999-11-18 (WO99/59272)
[30] US (60/085,347) 1998-05-13
[30] US (P-100,548) 1999-05-06

[21] **2,331,463**
[13] A1

[51] **Int.Cl. 6B08B 9/00**
[25] EN
[54] **APPARATUS AND METHOD FOR**
CLEANING A COMPUTER MOUSE
DEVICE
[54] **APPAREIL ET PROCEDE POUR**
NETTOYER UNE SOURIS
D'ORDINATEUR
[72] NAGHI, HERSCHEL, US
[72] NAGHI, DAVID, US
[71] NAGHI, HERSCHEL, US
[71] NAGHI, DAVID, US
[85] 2000-11-09
[86] 1999-04-29 (PCT/US99/09300)
[87] 1999-11-25 (WO99/59741)
[30] US (09/081,163) 1998-05-18

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[21] **2,331,464**
[13] A1

[51] **Int.Cl. 6C07F 15/00 6A61K 31/28**
[25] EN
[54] **PLATINUM COMPLEX, ITS PREPARATION AND THERAPEUTIC APPLICATION**
[54] **COMPLEXE DE PLATINE, SA PREPARATION ET SA MISE EN APPLICATION THERAPEUTIQUE**
[72] ZAK, FRANTISEK, CZ
[72] MISTR, ADOLF, CZ
[72] POULOVA, ANNA, CZ
[72] MELKA, MILAN, CZ
[72] ZALUSKA, DANA, CZ
[72] TURANEK, JAROSLAV, CZ
[71] PLIVA-LACHEMA A.S., CZ
[85] 2000-11-09
[86] 1999-05-24 (PCT/CZ99/00014)
[87] 1999-12-02 (WO99/61450)
[30] CZ (PV 1627-98) 1998-05-27

[21] **2,331,465**
[13] A1

[51] **Int.Cl. 6A61K 9/16 6A61K 9/51**
[25] EN
[54] **IMPROVEMENTS RELATING TO ENCAPSULATION OF BIOACTIVE AGENTS**
[54] **PERFECTIONNEMENTS APPORTES A L'ENCAPSULAGE D'AGENTS BIOACTIFS**
[72] TINSLEY-BOWN, ANNE MARGARET, GB
[72] JONES, DAVID HUGH, GB
[72] FARRAR, GRAHAM HENRY, GB
[71] MICROBIOLOGICAL RESEARCH AUTHORITY, GB
[85] 2000-11-09
[86] 1999-05-07 (PCT/GB99/01449)
[87] 1999-11-18 (WO99/58112)
[30] GB (9810236.1) 1998-05-13

[21] **2,331,467**
[13] A1

[51] **Int.Cl. 6G06F 11/14**
[25] EN
[54] **HIGHLY AVAILABLE CLUSTER VIRTUAL DISK SYSTEM**
[54] **SYSTEME DE DISQUES VIRTUELS DE TYPE BLOC, PRESENTANT UNE GRANDE DISPONIBILITE**
[72] ZHENG, XIAOYAN, US
[72] TRAVERSAT, BERNARD A., US
[72] HERNDON, ROBERT, US
[72] SLAUGHTER, GREGORY L., US
[72] BLOCK, ROBERT J., US
[71] SUN MICROSYSTEMS, INC., US
[85] 2000-11-09
[86] 1999-05-07 (PCT/US99/09903)
[87] 1999-11-18 (WO99/59064)
[30] US (09/076,388) 1998-05-12
[30] US (09/076,347) 1998-05-12
[30] US (09/076,346) 1998-05-12
[30] US (09/076,274) 1998-05-12

[21] **2,331,468**
[13] A1

[51] **Int.Cl. 6C07D 487/04 6A61K 31/505**
[25] EN
[54] **PYRAZOLO-1,5-A|PYRIMIDINE DERIVATIVES**
[54] **DERIVES DE PYRAZOLO-1,5-A|PYRIMIDINE**
[72] SHIBUTANI, TADAO, JP
[72] YASUDA, TSUNEO, JP
[72] SHOJI, YASUO, JP
[72] IWAMOTO, TAKESHI, JP
[72] OKAMURA, TAKASHI, JP
[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2000-11-09
[86] 1999-05-17 (PCT/JP99/02572)
[87] 1999-11-25 (WO99/59998)
[30] JP (10/136960) 1998-05-19

[21] **2,331,485**
[13] A1

[51] **Int.Cl. 6H01M 6/18 6H01M 10/04 6H01M 10/40**
[25] EN
[54] **BI-CELL SEPARATION FOR IMPROVED SAFETY**
[54] **SEPARATION DE BI-ELEMENTS AUX FINS D'UNE MEILLEURE SECURITE**
[72] KALNOKI-KIS, TIBOR, US
[72] GUINDY, WADE, US
[71] VALENCE TECHNOLOGY, INC., US
[85] 2000-11-09
[86] 1999-05-06 (PCT/US99/10107)
[87] 1999-11-25 (WO99/60639)
[30] US (09/079,971) 1998-05-15

[21] **2,331,486**
[13] A1

[51] **Int.Cl. 6H01M 10/04 6H01M 4/02 6H01M 6/12 6H01M 10/12 6H01M 10/28**
[25] EN
[54] **GRID PLACEMENT IN LITHIUM ION BI-CELL COUNTER ELECTRODES**
[54] **MISE EN PLACE DE LA GRILLE DANS LES CONTRE-ELECTRODES DES CELLULES BIPOLAIRES A IONS LITHIUM**
[72] PARSIAN, MOHAMMAD, US
[72] MITCHELL, PORTER H., US
[72] GUINDY, WADE, US
[72] KISNER, HOWARD, US
[72] BARKER, JEREMY, US
[71] DELPHI TECHNOLOGIES, INC., US
[71] VALENCE TECHNOLOGY, INC., US
[85] 2000-11-09
[86] 1999-05-11 (PCT/US99/10293)
[87] 1999-11-25 (WO99/60651)
[30] US (09/080,144) 1998-05-15
[30] US (09/079,919) 1998-05-15

[21] **2,331,487**
[13] A1

[51] **Int.Cl. 6G02B 6/16 6G03F 7/00 6G02B 6/12**
[25] EN
[54] **METHOD FOR FORMING BRAGG GRATINGS, APPARATUS FOR IMPLEMENTING SAID METHOD AND DEVICES WITH BRAGG GRATINGS OBTAINED WITH SAID METHOD**
[54] **PROCEDE D'INSCRIPTION DE RESEAUX DE BRAGG, APPAREIL POUR LA MISE EN OEUVRE DE CE PROCEDE ET DISPOSITIFS A RESEAUX DE BRAGG OBTENUS PAR CE PROCEDE**
[72] FERDINAND, PIERRE, FR
[72] MAGNE, SYLVAIN, FR
[72] MARTINEZ, CHRISTOPHE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[85] 2000-11-09
[86] 1999-05-11 (PCT/FR99/01119)
[87] 1999-11-18 (WO99/59009)
[30] FR (98/05959) 1998-05-12

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,331,488 [13] A1</p> <p>[51] Int.Cl. 6A47J 31/20 [25] EN [54] A BEVERAGE MAKER [54] APPAREIL A FAIRE DES BOISSONS [72] ROBINSON, THOMAS, GB [71] WINDMILL HOLDINGS LIMITED, GB [85] 2000-11-09 [86] 1999-05-12 (PCT/GB99/01497) [87] 1999-11-18 (WO99/58034) [30] GB (9810154.6) 1998-05-12 [30] GB (9901152.0) 1999-01-19</p>	<p style="text-align: right;">[21] 2,331,491 [13] A1</p> <p>[51] Int.Cl. 6A21D 8/04 6A23L 1/10 6A23L 1/105 [25] EN [54] METHODS AND COMPOSITIONS FOR MAKING FERMENTED CEREAL PRODUCTS [54] PROCEDES ET COMPOSITIONS DE FABRICATION DE PRODUITS CEREALIERS FERMENTES [72] SANDS, DAVID C., US [72] MEGEED, MOHAMED EID A., EG [71] NUTRIBIOTECH, LLC, US [85] 2000-11-09 [86] 1999-05-10 (PCT/US99/10244) [87] 1999-11-18 (WO99/57985) [30] US (09/078,428) 1998-05-13</p>	<p style="text-align: right;">[21] 2,331,494 [13] A1</p> <p>[51] Int.Cl. 6G07F 7/10 [25] EN [54] SMART CARD PERSONALIZATION IN A MULTISTATION ENVIRONMENT [54] SYSTEME DE PERSONNALISATION DE CARTE INTELLIGENTE DANS UN ENVIRONNEMENT COMPORTANT DES STATIONS MULTIPLES [72] YOUNGER, THOMAS L., US [72] BURAND, DENIS C., US [72] GOMAN, ROBERT NEAL, US [71] UBIQ INCORPORATED, US [85] 2000-11-09 [86] 1999-05-11 (PCT/US99/10328) [87] 1999-11-18 (WO99/59109) [30] US (09/076,022) 1998-05-11</p>
<p style="text-align: right;">[21] 2,331,489 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/24 [25] EN [54] SYSTEM AND METHOD FOR A WIRELINE-WIRELESS NETWORK INTERFACE [54] SYSTEME ET PROCEDE POUR UNE INTERFACE ENTRE UN RESEAU FILAIRE ET UN RESEAU SANS FIL [72] MALMSTROM, DOUGLAS ALLEN, US [71] QWEST COMMUNICATIONS INTERNATIONAL INC., US [85] 2000-11-09 [86] 1998-05-11 (PCT/US98/09651) [87] 1999-11-18 (WO99/59357)</p>	<p style="text-align: right;">[21] 2,331,492 [13] A1</p> <p>[51] Int.Cl. 6D21F 3/00 [25] EN [54] MACHINE FOR MANUFACTURING PAPER OR BOARD [54] MACHINE DE PRODUCTION DE PAPIER OU DE CARTON [72] LAAPOTTI, JORMA TAPIO, FI [71] VALMET CORPORATION, FI [71] VALMET-KARLSTAD AB, SE [85] 2000-11-09 [86] 1999-05-07 (PCT/SE99/00768) [87] 1999-11-25 (WO99/60203) [30] SE (9801741-1) 1998-05-15</p>	<p style="text-align: right;">[21] 2,331,495 [13] A1</p> <p>[51] Int.Cl. 6C08L 27/08 6B65D 1/00 6C08L 83/04 6C08K 5/103 6B32B 27/30 [25] EN [54] EXTRUDABLE VINYLIDENE CHLORIDE POLYMER COMPOSITIONS [54] COMPOSITIONS POLYMERES EXTRUDABLES A BASE DE CHLORURE DE VINYLIDENE [72] LEE, ERIC K. C., US [72] NAUMOVITZ, JOHN A., US [71] THE DOW CHEMICAL COMPANY, US [85] 2000-11-08 [86] 1999-04-28 (PCT/US99/09225) [87] 1999-11-18 (WO99/58603) [30] US (60/085,280) 1998-05-13</p>
<p style="text-align: right;">[21] 2,331,490 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/66 6G01N 21/76 [25] EN [54] IMPROVED APPARATUS AND METHODS FOR CARRYING OUT ELECTROCHEMILUMINESCENCE TEST MEASUREMENTS [54] APPAREIL AMELIORE ET PROCEDES POUR PRENDRE DES MESURES TESTS D'ELECTROCHIMILUMINESCENCE [72] LILJESTRAND, JOHN, US [72] WOHLSTADTER, JACOB N., US [72] DAVIS, CHARLES QUENTIN, US [72] IVANOV, SERGEY, US [72] GAMBREL, DAVID R., US [72] ZHANG, JUE, US [71] IGEN INTERNATIONAL, INC., US [85] 2000-11-09 [86] 1999-05-11 (PCT/US99/10279) [87] 1999-11-18 (WO99/58962) [30] US (09/076,325) 1998-05-11</p>	<p style="text-align: right;">[21] 2,331,493 [13] A1</p> <p>[51] Int.Cl. 7B32B 31/12 7C08J 7/18 [25] EN [54] VINYL COMPOUND PLASMA PRE-TREATMENT FOR PROMOTING THE ADHESION BETWEEN TEXTILES AND RUBBER COMPOUNDS [54] PRE-TRAITEMENT AU PLASMA DE COMPOSE VINYLIQUE POUR FAVORISER L'ADHESION ENTRE DES TEXTILES ET DES COMPOSES CAOUTCHOUTES [72] WENTZ, BRENDA D., US [72] MICHIELS, DANY FELIX MARIA, BE [72] MORIN, BRIAN D., US [71] MILLIKEN & COMPANY, US [85] 2000-11-09 [86] 2000-01-31 (PCT/US00/02495) [87] 2000-09-14 (WO00/53418) [30] US (09/267,468) 1999-03-11</p>	<p style="text-align: right;">[21] 2,331,496 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/00 7A61K 7/48 [25] EN [54] GEL POWDER COMPOSITION [54] COMPOSITION SOUS FORME DE POUFRE GEL [72] SCORDAMAGLIA-CROCKETT, BARBARA A., US [72] HACKFORD, TIMOTHY W., US [71] COLOR ACCESS, INC., US [85] 2000-11-08 [86] 2000-03-08 (PCT/US00/05927) [87] 2000-09-28 (WO00/56272) [30] US (09/273,087) 1999-03-19</p>

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,331,497 [13] A1</p> <p>[51] Int.Cl. 6E04B 2/00 [25] EN [54] WATER-RESISTANT MASTIC MEMBRANE [54] MEMBRANE DE MASTIC RESISTANT A L'EAU [72] KITTSON, MARK, CA [72] WILLIAMS, DARRYL, CA [71] BAY MILLS LIMITED, CA [71] CERTAINTED CORPORATION, US [85] 2000-11-08 [86] 1999-05-05 (PCT/US99/09959) [87] 1999-11-18 (WO99/58325) [30] US (09/074,684) 1998-05-08</p>	<p style="text-align: right;">[21] 2,331,500 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/11 6A61B 5/00 [25] EN [54] IMPLANTABLE MEDICAL DEVICE FOR TRACKING PATIENT FUNCTIONAL STATUS [54] DISPOSITIF MEDICAL IMPLANTABLE PERMETTANT DE SUIVRE L'ETAT D'UN MALADE [72] PADMANABHAN, RAMA V., US [72] STONE, KAREN A., US [71] MEDTRONIC, INC., US [85] 2000-11-08 [86] 1999-05-11 (PCT/US99/10282) [87] 1999-11-18 (WO99/58056) [30] US (09/078,221) 1998-05-13</p>	<p style="text-align: right;">[21] 2,331,503 [13] A1</p> <p>[51] Int.Cl. 6C22C 37/00 6C22C 38/00 6C21D 6/02 6C22C 38/12 6C22C 38/14 6C22C 38/18 6C22C 38/24 [25] EN [54] IRON-BASED CASTING ALLOY AND PROCESS FOR MAKING SAME [54] ALLIAGE DE MOULAGE A BASE DE FER ET PROCEDE DE FABRICATION CORRESPONDANT [72] MAJUMDAR, SUMITA, US [72] GUNDLACH, RICHARD B., US [71] CLIMAX RESEARCH SERVICES, INC., US [85] 2000-11-08 [86] 1998-05-13 (PCT/US98/09734) [87] 1998-11-19 (WO98/51832) [30] US (08/857,991) 1997-05-16</p>
<p style="text-align: right;">[21] 2,331,498 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/00 [25] EN [54] NON-IRRITATING CLEANSING COMPOSITION [54] COMPOSITION DEMAQUILLANTE NON IRRITANTE [72] GEORGE, LILIANA, US [72] MIKLEAN, SAUL, US [72] BEVACQUA, ANDREW J., US [72] TOMA, DANIELA, US [71] COLOR ACCESS, INC., US [85] 2000-11-08 [86] 2000-03-08 (PCT/US00/06016) [87] 2000-09-28 (WO00/56273) [30] US (09/273,061) 1999-03-19</p>	<p style="text-align: right;">[21] 2,331,501 [13] A1</p> <p>[51] Int.Cl. 6A61K 7/48 6A61K 31/01 6A61K 31/19 6A61K 31/70 [25] EN [54] THERAPEUTIC COMPOSITIONS [54] COMPOSITIONS THERAPEUTIQUES [72] OLMESKOG, STELLAN, SE [72] KARNERUD, LARS, SE [71] INTERHEALTH AB, SE [85] 2000-11-08 [86] 1999-05-12 (PCT/SE99/00819) [87] 1999-11-18 (WO99/58104) [30] SE (9801647-0) 1998-05-12</p>	<p style="text-align: right;">[21] 2,331,504 [13] A1</p> <p>[51] Int.Cl. 6H01S 3/19 6H01L 33/00 [25] EN [54] INP-BASED MQW-LASER [54] LASER INP A PUIITS QUANTIQUES MULTIPLES [72] LANDGREN, GUNNAR, SE [72] SILFVENIUS, CHRISTOFER, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-08 [86] 1999-05-07 (PCT/SE99/00771) [87] 1999-12-02 (WO99/62153) [30] SE (9801608-2) 1998-05-08</p>
<p style="text-align: right;">[21] 2,331,499 [13] A1</p> <p>[51] Int.Cl. 7G11B 27/10 7G11B 19/02 7G11B 20/12 7G11B 27/32 7H04N 5/85 [25] EN [54] OPTICAL DISK, REPRODUCTION APPARATUS, REPRODUCTION METHOD, AND RECORDING MEDIUM [54] DISQUE OPTIQUE, APPAREIL ET PROCEDE DE REPRODUCTION, ET SUPPORT D'ENREGISTREMENT [72] NONOMURA, TOMOYUKI, JP [72] YAMAMOTO, MASAYA, JP [72] MORI, YOSHIHIRO, JP [72] UESAKA, YASUSHI, JP [72] KOZUKA, MASAYUKI, US [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP [85] 2000-11-08 [86] 2000-03-13 (PCT/JP00/01520) [87] 2000-09-21 (WO00/55857) [30] JP (11/67559) 1999-03-12</p>	<p style="text-align: right;">[21] 2,331,502 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/064 6A61F 2/00 6A61B 17/115 [25] EN [54] DEVICES AND METHODS FOR TREATING E.G. URINARY STRESS INCONTINENCE [54] DISPOSITIFS ET PROCEDES PERMETTANT DE TRAITER ENTRE AUTRES L'INCONTINENCE D'EFFORT [72] ABRAMS, JEROME H., US [72] HOVLAND, CLAIRE T., US [71] SURGICAL CONNECTIONS, INC., US [85] 2000-11-08 [86] 1999-05-11 (PCT/US99/10508) [87] 1999-11-18 (WO99/58081) [30] US (60/085,054) 1998-05-11</p>	<p style="text-align: right;">[21] 2,331,505 [13] A1</p> <p>[51] Int.Cl. 6B21D 51/46 [25] EN [54] APPARATUS AND METHOD FOR APPLYING SEALANT TO A CAN LID [54] APPAREIL ET PROCEDE POUR APPLIQUER UN PRODUIT DE SCELLEMENT SUR UN COUVERCLE DE BOITE METALLIQUE [72] FOWLER, TRACY J., US [72] RUTLEDGE, CLINTON W., US [71] PREFERRED MACHINING CORPORATION, US [85] 2000-11-08 [86] 1999-05-07 (PCT/US99/10077) [87] 1999-11-18 (WO99/58267) [30] US (09/074,678) 1998-05-08</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,331,506 [13] A1</p> <p>[51] Int.Cl. 6D05B 11/00 [25] EN [54] VERTICAL STITCHING MACHINE AND METHOD [54] MACHINE A PIQUER VERTICALE ET SON PROCEDE [72] SCHWARZBERGER, NEAL A., US [72] PODOLSKI, JOSEPH C., US [72] SCHWARZBERGER, MICHAEL V., US [71] SCHWARZBERGER, NEAL A., US [71] PODOLSKI, JOSEPH C., US [71] SCHWARZBERGER, MICHAEL V., US [85] 2000-11-08 [86] 1998-05-08 (PCT/US98/09088) [87] 1999-11-18 (WO99/58751)</p>	<p style="text-align: right;">[21] 2,331,509 [13] A1</p> <p>[51] Int.Cl. 6C07C 279/22 6C07C 277/00 6C07D 227/00 6C07D 225/06 6C07D 223/16 6A61K 31/165 6A61K 31/255 6A61K 31/395 6A61K 31/47 6C07D 215/54 6A61K 31/55 [25] EN [54] NOVEL SUBSTITUTED GUANIDINE DERIVATIVES AND PROCESS FOR PRODUCING THE SAME [54] NOUVEAUX DERIVES DE GUANIDINE SUBSTITUES ET PROCEDE DE PRODUCTION DE CES DERNIERS [72] OHASHI, NAOHITO, JP [72] KITANO, MASAHUMI, JP [71] SUMITOMO PHARMACEUTICALS COMPANY, LIMITED, JP [85] 2000-11-08 [86] 1999-05-25 (PCT/JP99/02738) [87] 1999-12-02 (WO99/61414) [30] JP (10/144599) 1998-05-26 [30] JP (11/57589) 1999-03-04</p>	<p style="text-align: right;">[21] 2,331,563 [13] A1</p> <p>[51] Int.Cl. 6B65D 19/00 [25] EN [54] RECYCLABLE, HEAVY DUTY, LIGHTWEIGHT, MOISTURE RESISTANT CORRUGATED PALLET [54] PALETTE EN CARTON ONDULE RECYCLABLE, A GRAND RENDEMENT, LEGERE ET RESISTANT A L'HUMIDITE [72] ANDERSON, MARVIN, US [71] CORRUGATED PALLET CONCEPTS, LLC, US [85] 2000-11-10 [86] 1998-09-05 (PCT/US98/18660) [87] 1999-12-02 (WO99/61329) [30] US (09/083,850) 1998-05-22</p>
<p style="text-align: right;">[21] 2,331,507 [13] A1</p> <p>[51] Int.Cl. 6G01N 31/10 6G01N 30/88 [25] EN [54] ARRANGEMENT, EQUIPMENT AND METHOD FOR TESTING HETEROGENEOUS CATALYSTS FOR SHORT CONTACT TIME REACTIONS [54] SYSTEME, EQUIPEMENT ET PROCEDE D'ANALYSE DE CATALYSEURS HETEROGENES POUR DETECTER DES REACTIONS A TEMPS DE CONTACT COURT [72] LIPIAINEN, KYOSTI, FI [71] FORTUM OIL AND GAS OY, FI [85] 2000-11-08 [86] 1999-05-10 (PCT/FI99/00382) [87] 1999-11-25 (WO99/60396) [30] FI (981088) 1998-05-15</p>	<p style="text-align: right;">[21] 2,331,556 [13] A1</p> <p>[51] Int.Cl. 6B66B 21/02 [25] EN [54] CONVEYOR SYSTEM FOR LOAD-CARRYING CARTS [54] SYSTEME CONVOYEUR POUR CADDIES [72] PELCZMANN, DAVID, US [72] REINERS, HERBERT, DE [71] PELCZMANN, DAVID, US [71] REINERS, HERBERT, DE [85] 2000-11-10 [86] 1999-05-11 (PCT/US99/10314) [87] 1999-11-18 (WO99/58438) [30] US (60/085,248) 1998-05-13</p>	<p style="text-align: right;">[21] 2,331,566 [13] A1</p> <p>[51] Int.Cl. 6G06F 1/00 [25] EN [54] DYNAMIC SYSTEM DEFENCE FOR INFORMATION WARFARE [54] DEFENSE DYNAMIQUE D'UN SYSTEME CONTRE LE PIRATAGE D'INFORMATIONS [72] HUFF, JULIE LYNN, US [72] SHELANSKEY, TRACY GLENN, US [72] JACKSON, SHEILA ANN, US [71] PRC INC., US [85] 2000-11-10 [86] 1999-04-29 (PCT/US99/09217) [87] 1999-11-11 (WO99/57625) [30] US (09/073,648) 1998-05-06</p>
<p style="text-align: right;">[21] 2,331,508 [13] A1</p> <p>[51] Int.Cl. 6G01N 33/48 6G01N 1/00 6G01N 21/00 6G01N 33/00 [25] EN [54] METHOD AND APPARATUS FOR COMPUTER CONTROLLED RARE CELL, INCLUDING FETAL CELL, BASED DIAGNOSIS [54] PROCEDE ET SYSTEME INFORMATISES DE DIAGNOSTIC D'UNE CELLULE RARE, Y COMPRIS UNE CELLULE FOETALE [72] TSIPOURAS, PETROS, US [72] TAFAS, TRIANTAFYLLOS, GR [71] IKONISYS, INC., US [85] 2000-11-08 [86] 1999-05-07 (PCT/US99/10026) [87] 1999-11-18 (WO99/58972) [30] US (60/084,893) 1998-05-09</p>	<p style="text-align: right;">[21] 2,331,560 [13] A1</p> <p>[51] Int.Cl. 6A44C 7/00 [25] EN [54] PIERCED EARRING [54] BOUCLE D'OREILLES PERCEE [72] TANIO, YOSHIYUKI, JP [71] ZAZA INTERNATIONAL CO., LTD., JP [85] 2000-11-10 [86] 1998-05-14 (PCT/JP98/02118) [87] 1999-11-18 (WO99/58012)</p>	<p style="text-align: right;">[21] 2,331,571 [13] A1</p> <p>[51] Int.Cl. 6H01G 9/02 6H01G 9/022 6H01G 9/038 [25] EN [54] ELECTRIC DOUBLE LAYER CAPACITOR AND METHOD FOR PREPARING THE SAME [54] CONDENSATEUR ELECTRIQUE DOUBLE COUCHE ET PROCEDE DE FABRICATION ASSOCIE [72] HAMADA, MITSUO, JP [72] HOSAKO, YOSHIHIKO, JP [72] YAMADA, TERUYUKI, JP [72] CHIBA, TOMOYOSHI, JP [71] MITSUBISHI RAYON CO., LTD., JP [85] 2000-11-10 [86] 1999-05-12 (PCT/JP99/02440) [87] 1999-11-18 (WO99/59173) [30] JP (10/128739) 1998-05-12</p>

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[21] **2,331,575**
[13] A1

[51] **Int.Cl. 6E21B 19/02 6E21B 19/06 6E21B 19/08 6E21B 19/16**
[25] EN
[54] **APPARATUS AND METHOD FOR FACILITATING CONNECTION OF A TUBULAR TO A STRING OF TUBULARS**
[54] **APPAREIL ET PROCEDURE PERMETTANT DE FACILITER LA CONNEXION D'UN ELEMENT TUBULAIRE AVEC UN TRAIN D'ELEMENTS TUBULAIRES**
[72] BIRDWELL, JOHN CLEVELAND, US
[72] LEICHT, FREDERICK MARION, US
[72] HAYES, MICHAEL WARREN, US
[72] HOLLINGSWORTH, JIMMY LAWRENCE, US
[72] BEARB, JEAN DONALD, US
[72] ALBRIGHT, STEPHEN LEE, US
[72] ABRAHAMSEN, EGIL, US
[72] SPEIJ, LEENDERT, NL
[71] WEATHERFORD/LAMB, INC., US
[85] 2000-11-10
[86] 1999-05-12 (PCT/GB99/01270)
[87] 1999-11-18 (WO99/58810)
[30] US (09/076,507) 1998-05-12

[21] **2,331,593**
[13] A1

[51] **Int.Cl. 6A61K 31/36 6C07D 327/02 6C07D 217/10 6C07D 411/14 6C07D 497/22 6A61K 31/39 6A61K 31/47 6C07D 317/52**
[25] EN
[54] **METABOLITES OF ECTEINASCIDIN 743**
[54] **METABOLITES D'ECTEINASCIDINE 743**
[72] GARCIA GRAVALOS, LOLA, ES
[72] RINEHART, KENNETH L., US
[72] MORALES, JOSE J., US
[72] REID, JOEL, US
[72] FLORIANO, PABLO, ES
[72] REYMUNDO CUESTO, ISABEL, ES
[71] PHARMA MAR, S.A., ES
[85] 2000-11-10
[86] 1999-05-11 (PCT/US99/10233)
[87] 1999-11-18 (WO99/58125)
[30] US (60/085,024) 1998-05-11

[21] **2,331,597**
[13] A1

[51] **Int.Cl. 6C07D 251/60 6C07D 251/62**
[25] EN
[54] **METHOD FOR PREPARING MELAMINE**
[54] **PROCEDE DE PREPARATION DE MELAMINE**
[72] WANG, YIN, US
[71] DSM N.V., NL
[85] 2000-11-10
[86] 1999-05-03 (PCT/NL99/00264)
[87] 1999-11-18 (WO99/58508)
[30] US (60/085,065) 1998-05-12

[21] **2,331,599**
[13] A1

[51] **Int.Cl. 6C12Q 1/70 6C07H 21/04 6C12N 7/04 6A61K 39/21**
[25] EN
[54] **REPLICATION DEFECTIVE HIV VACCINE**
[54] **VACCIN DE VIH A DEFICIENCE DE REPLICATION**
[72] TUNG, FRANK YAO TSUNG, US
[71] GENEURE LLC, US
[85] 2000-11-10
[86] 1999-05-12 (PCT/US99/10523)
[87] 1999-11-18 (WO99/58726)
[30] US (60/085,115) 1998-05-12

[21] **2,331,601**
[13] A1

[51] **Int.Cl. 6A61K 38/19 6A23L 1/305**
[25] EN
[54] **VEGF AND VEGF-C AS INFANT FORMULA SUPPLEMENTS**
[54] **FACTEUR DE CROISSANCE ENDOTHELIALE VASCULAIRE (VEGF) ET FACTEUR DE CROISSANCE ENDOTHELIALE VASCULAIRE C (VEGF-C) UTILISES COMME SUPPLEMENTS**
[72] EICHER, DOROTHEA J., US
[72] WAGNER, CAROL L., US
[72] LITTLE, CHARLES, US
[71] EICHER, DOROTHEA J., US
[71] EICHER, DOROTHEA J., US
[85] 2000-11-10
[86] 1999-03-26 (PCT/US99/06455)
[87] 1999-10-07 (WO99/49882)
[30] US (60/079,707) 1998-03-27

[21] **2,331,603**
[13] A1

[51] **Int.Cl. 6F16B 2/02**
[25] EN
[54] **CONNECTOR FOR TWO DRYWALL CORNER FINISHING DEVICES**
[54] **CONNECTEUR POUR DEUX DISPOSITIFS DE FINITION DES COINS D'UNE CLOISON SECHE**
[72] STIBOLT, PAUL E., US
[71] STIBOLT, PAUL E., US
[85] 2000-11-10
[86] 1999-05-11 (PCT/US99/10266)
[87] 1999-11-18 (WO99/58861)
[30] US (09/078,367) 1998-05-13

[21] **2,331,604**
[13] A1

[51] **Int.Cl. 6B62B 9/04**
[25] EN
[54] **DUAL-LOCKING AUTOMATIC POSITIONING INTERFACE FOR A SNOWBOARD BOOT BINDING**
[54] **INTERFACE DE POSITIONNEMENT AUTOMATIQUE A DOUBLE VERROUILLAGE POUR FIXATION DE PLANCHE A NEIGE**
[72] REYNOLDS, DWIGHT H., US
[71] REYNOLDS, DWIGHT H., US
[85] 2000-11-07
[86] 1999-04-28 (PCT/US99/09198)
[87] 1999-11-11 (WO99/56839)
[30] US (09/074,202) 1998-05-07

[21] **2,331,605**
[13] A1

[51] **Int.Cl. 6A61K 49/00 6A61F 9/00**
[25] EN
[54] **THE USE OF A VITAL DYE FOR FACILITATING SURGICAL PROCEDURES FOR CATARACT EXTRACTION**
[54] **EMPLOI DE COLORANT VITAL POUR FACILITER DES INTERVENTIONS CHIRURGICALES D'EXTRACTION DE LA CATARACTE**
[72] MELLES, GERRIT REINOLD JACOB, NL
[71] MELLES, GERRIT REINOLD JACOB, NL
[85] 2000-11-07
[86] 1999-05-07 (PCT/NL99/00284)
[87] 1999-11-18 (WO99/58160)
[30] EP (98201542.2) 1998-05-08

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[21] **2,331,608**
[13] A1
[51] **Int.Cl. 6G01N 21/17 6A61B 5/00 6G01N 29/14**
[25] EN
[54] **THERMOACOUSTIC TISSUE SCANNER**
[54] **DISPOSITIF THERMOACOUSTIQUE SERVANT A EXPLORER UN TISSU**
[72] KRUGER, ROBERT A., US
[71] OPTOSONICS, INC., US
[85] 2000-11-07
[86] 1999-05-12 (PCT/US99/10353)
[87] 1999-11-18 (WO99/58957)
[30] US (09/076,385) 1998-05-12

[21] **2,331,612**
[13] A1
[51] **Int.Cl. 6H04L 12/22 6H04L 29/06 6H04Q 7/22 6H04L 12/56**
[25] EN
[54] **DATA TRANSFER METHOD WITH VARYING PACKET TRANSMISSION TIME INTERVAL SECURITY PROTOCOL**
[54] **PROCEDE DE TRANSFERT DE DONNEES DOTE D'UN PROTOCOLE DE SECURITE A INTERVALLE DE TRANSMISSION DE PAQUETS VARIABLE**
[72] BUGNON, JACQUES, CA
[72] MALETTE, LOUIS, CA
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-11-10
[86] 1999-04-27 (PCT/SE99/00686)
[87] 1999-11-18 (WO99/59293)
[30] US (09/078,447) 1998-05-13

[21] **2,331,620**
[13] A1
[51] **Int.Cl. 6A61K 31/37**
[25] EN
[54] **USE OF NEOMYCIN FOR TREATING ANGIOGENESIS-RELATED DISEASES**
[54] **UTILISATION DE NEOMYCINE POUR LE TRAITEMENT DE MALADIES ASSOCIEES A L'ANGIOGENESE**
[72] VALLEE, BERT L., US
[72] HU, GUO-FU, US
[71] THE ENDOWMENT FOR RESEARCH IN HUMAN BIOLOGY, INC., US
[85] 2000-11-07
[86] 1999-05-11 (PCT/US99/10269)
[87] 1999-11-18 (WO99/58126)
[30] US (60/084,921) 1998-05-11

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[13] A1
[51] **Int.Cl. 6H01R 23/00 6H01R 23/02**
[25] EN
[54] **ARRANGEMENT OF CONTACT PAIRS FOR COMPENSATING NEAR-END CROSSTALK FOR AN ELECTRIC PLUG CONNECTION**
[54] **ENSEMBLE DE PAIRES DE CONTACTS POUR COMPENSER LA PARADIAPHONIE, DESTINE A UNE CONNEXION ELECTRIQUE ENFICHABLE**
[72] GWIAZDOWSKI, MICHAEL, DE
[71] KRONE GMBH, DE
[85] 2000-11-07
[86] 1999-05-12 (PCT/EP99/03337)
[87] 1999-11-25 (WO99/60671)
[30] DE (198 22 630.6) 1998-05-20

[21] **2,331,631**
[13] A1
[51] **Int.Cl. 6C07D 401/12 6A61K 31/435**
[25] EN
[54] **BENZOCARBAZOLE AND INDENOINDOLE DERIVED ESTROGENIC AGENTS**
[54] **AGENTS OESTROGENES DERIVES DE BENZOCARBAZOLE ET D'INDENOINDOLE**
[72] TRAN, BACH DINH, US
[72] MILLER, CHRIS PAUL, US
[72] COLLINI, MICHAEL DAVID, US
[71] AMERICAN HOME PRODUCTS CORPORATION, US
[85] 2000-11-07
[86] 1999-05-11 (PCT/US99/10216)
[87] 1999-11-18 (WO99/58524)
[30] US (09/076,407) 1998-05-12
[30] US (09/076,711) 1998-05-12

[21] **2,331,639**
[13] A1
[51] **Int.Cl. 6B05D 1/02 6B32B 11/00 6B32B 7/02 6B32B 3/10 6B05D 5/10 6B05D 3/12**
[25] EN
[54] **CORROSION RESISTANT BARRIERS**
[54] **REVETEMENTS-BARRIERES RESISTANT A LA CORROSION**
[72] NEUKIRCHEN, JOHN D., US
[71] NEUKIRCHEN, JOHN D., US
[85] 2000-11-10
[86] 1998-05-12 (PCT/US98/09687)
[87] 1999-11-18 (WO99/58255)

[21] **2,331,634**
[13] A1
[51] **Int.Cl. 6C08K 3/18 6C08K 3/22 6C08K 3/38**
[25] EN
[54] **COATING FOR WOOD BASED PANELS TO REDUCE CORROSION OF ATTACHED METALLIC MEMBER**
[54] **REVETEMENT POUR PANNEAUX D'AGGLOMERE DESTINE A REDUIRE LA CORROSION D'UN ELEMENT METALLIQUE SOLIDAIRE**
[72] LEWIS, CHARLES E., US
[72] SHANTZ, ROGER M., US
[72] WINTEROWD, JACK G., US
[72] IZAN, JERRY D., US
[71] WEYERHAEUSER COMPANY, US
[85] 2000-11-03
[86] 1999-05-04 (PCT/US99/09828)
[87] 1999-11-11 (WO99/57186)
[30] US (60/084,310) 1998-05-05

[21] **2,331,637**
[13] A1
[51] **Int.Cl. 6B65H 49/20 6D21F 1/00 6B65H 75/40 6B65H 75/44**
[25] EN
[54] **SPOOL ASSEMBLY FOR PINTLE**
[54] **SYSTEME D'ENROULEUR DE FIL CHARNIERE**
[72] CORRIVEAU, ANDRE, CA
[72] LAVAL, JACQUES, CA
[72] CORRIVEAU, JAMES, CA
[71] LIPPERT PINTLEPIN MFG. INC., CA
[85] 2000-11-03
[86] 1999-05-26 (PCT/CA99/00481)
[87] 1999-12-09 (WO99/62808)
[30] CA (2,236,726) 1998-05-29
[30] CA (2,257,553) 1999-01-14

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[21] **2,331,640**
[13] A1

[51] **Int.Cl. 6A61K 9/107**
[25] EN
[54] **SOLVENT/COSOLVENT FREE MICROEMULSION AND EMULSION PRECONCENTRATED DRUG DELIVERY SYSTEMS**
[54] **SYSTEMES D'APPORT DE MEDICAMENT DE PRECONCENTRE DE MICROEMULSION ET D'EMULSION DEPOURVUES DE SOLVANT/COSOLVANT**
[72] CLARKE, NUALA MARIE, IE
[72] RAMTOOLA, ZEBUNNISSA, IE
[71] ELAN CORPORATION, PLC, IE
[85] 2000-11-03
[86] 1999-05-07 (PCT/IE99/00031)
[87] 1999-11-11 (WO99/56727)
[30] US (60/084,518) 1998-05-07

[21] **2,331,641**
[13] A1

[51] **Int.Cl. 6C07K 16/00 6C07K 16/28 6A61K 39/395 6G01N 33/53 6C12N 15/63**
[25] EN
[54] **MULTIVALENT ANTIBODY CONSTRUCTS**
[54] **CONSTRUCTIONS D'ANTICORPS MULTIVALENTES**
[72] LITTLE, MELVYN, DE
[72] KIPRIYANOV, SERGEJ, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS, DE
[85] 2000-11-03
[86] 1999-05-05 (PCT/DE99/01350)
[87] 1999-11-11 (WO99/57150)
[30] DE (198 19 846.9) 1998-05-05

[21] **2,331,643**
[13] A1

[51] **Int.Cl. 7H04L 1/16 7H04L 29/08 7H04L 12/56**
[25] EN
[54] **TRANSMITTER/RECEIVER**
[54] **EMETTEUR/RECEPTEUR**
[72] SUDO, HIROAKI, JP
[72] SHIRASAKI, YOSHIMASA, JP
[72] ARAMAKI, TAKASHI, JP
[71] MATSUSHITA ELECTRICAL INDUSTRIAL CO., LTD., JP
[85] 2000-11-03
[86] 2000-03-09 (PCT/JP00/01419)
[87] 2000-09-14 (WO00/54450)
[30] JP (11/107032) 1999-03-10
[30] JP (11/74632) 1999-03-18

[21] **2,331,644**
[13] A1

[51] **Int.Cl. 6G01R 27/16 6G01N 27/26**
[25] EN
[54] **METHODS FOR UTILIZING DIELECTROMETRY SIGNALS USING ESTIMATION GRIDS**
[54] **PROCEDE D'UTILISATION DE SIGNAUX DIELECYTROMETRIQUES UTILISANT DES GRILLES D'ESTIMATION**
[72] GOLDFINE, NEIL J., US
[72] ZAHN, MARKUS, US
[72] MAMISHEV, ALEXANDER, US
[72] SCHLICKER, DARRELL, US
[72] WASHABAUGH, ANDREW, US
[71] JENTEK SENSORS, INC., US
[85] 2000-11-03
[86] 1999-05-12 (PCT/US99/10393)
[87] 1999-11-18 (WO99/58989)
[30] US (60/085,201) 1998-05-12

[21] **2,331,646**
[13] A1

[51] **Int.Cl. 6D06M 13/127**
[25] EN
[54] **DURABLE PRESS/WRINKLE-FREE PROCESS**
[54] **PROCEDE PERMETTANT DE RENDRE UN TISSU INFROISSABLE ET SANS PLIS**
[72] PAYET, GEORGE L., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-11-10
[86] 1998-05-12 (PCT/US98/09367)
[87] 1999-11-18 (WO99/58758)
[30] US (09/075,334) 1998-05-11

[21] **2,331,648**
[13] A1

[51] **Int.Cl. 6H02M 7/02 6H02J 3/26 6H02M 7/66**
[25] EN
[54] **DEVICE FOR CREATING A NEUTRAL POINT IN AN ELECTRICAL SYSTEM**
[54] **DISPOSITIF POUR CREER UN POINT NEUTRE DANS UN SYSTEME ELECTRONIQUE**
[72] KARLSSON, MATS, SE
[72] WOLPERT, TADEUS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-11-03
[86] 1999-05-04 (PCT/SE99/00744)
[87] 1999-11-11 (WO99/57800)
[30] SE (9801583-7) 1998-05-06

[21] **2,331,649**
[13] A1

[51] **Int.Cl. 6E04F 13/14**
[25] EN
[54] **TILE**
[54] **CARREAU DE CERAMIQUE**
[72] KOWALCZYK, JOHANN, AT
[72] SETTEN, HEIMO, AT
[71] LINDENBERG GLASS-TILE GMBH, AT
[85] 2000-11-03
[86] 1999-05-06 (PCT/AT99/00111)
[87] 1999-11-18 (WO99/58786)
[30] AT (A 763/98) 1998-05-07

[21] **2,331,654**
[13] A1

[51] **Int.Cl. 6B65D 55/02**
[25] EN
[54] **IMPROVEMENTS RELATING TO TAMPER PROOF CLOSURES**
[54] **PERFECTIONNEMENTS RELATIFS A DES FERMETURES DE SECURITE**
[72] JONES, DAVID GERAINT RHYS, GB
[72] MILLARD, RICHARD JAMES, GB
[71] REDCLIFFE MAGTRONICS LIMITED, GB
[71] CYPHER SCIENCE LIMITED, GB
[85] 2000-11-07
[86] 1999-05-07 (PCT/GB99/01426)
[87] 1999-11-11 (WO99/57035)
[30] GB (9809810.6) 1998-05-07

[21] **2,331,657**
[13] A1

[51] **Int.Cl. 6B65G 47/14**
[25] FR
[54] **MECANISME D'ORIENTATION ET DE DISTRIBUTION AUTOMATIQUE DE PIECES**
[54] **MECHANISM FOR AUTOMATICALLY DIRECTING AND DISPENSING PARTS**
[72] MALON, STEPHANE, FR
[71] ADMV, FR
[85] 2000-11-10
[86] 1999-05-07 (PCT/FR99/01080)
[87] 1999-11-18 (WO99/58433)
[30] FR (98/06336) 1998-05-14

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[21] **2,331,660**
[13] A1

[51] **Int.Cl. 6C07C 231/02 6C07C 231/18 6C07C 237/46**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF S- N,N'- BIS-2-HYDROXY-1- (HYDROXYMETHYL) ETHYL-5- -(2- HYDROXY-1- OXOPROPYL)- AMINO- 2,4,6- TRIODO- 1,3- BENZENEDICARBOXAMIDE**
[54] **PROCEDE SERVANT A PREPARER S- N,N'- BIS-2- HYDRO-XY-1- (HYDROXYMETHYL) ETHYL-5- -(2- HYDROXY-1- OXOPROPYL)- AMINO- 2,4,6- TRIODO- 1,3- BENZENEDICARBOXAMIDE**
[72] DESANTIS, NICOLA, IT
[72] INCANDELA, SALVATORE, IT
[71] DIBRA S.P.A., IT
[85] 2000-11-07
[86] 1999-04-26 (PCT/EP99/02804)
[87] 1999-11-18 (WO99/58494)
[30] IT (MI98A001005) 1998-05-08

[21] **2,331,663**
[13] A1

[51] **Int.Cl. 6C07C 51/16**
[25] EN
[54] **CONTROLLED OXIDATION OF HYDROCARBONS TO INTERMEDIATE OXIDATION PRODUCTS**
[54] **OXYDATION REGULEE D'HYDROCARBURES EN PRODUITS D'OXYDATION INTERMEDIAIRES**
[72] DASSEL, MARK W., US
[72] EUSTATHIOS, VASSILIOU, US
[71] RPC, INC., US
[85] 2000-11-10
[86] 1999-04-15 (PCT/US99/08296)
[87] 1999-11-25 (WO99/59953)
[30] US (60/086,159) 1998-05-20
[30] US (60/086,118) 1998-05-20
[30] US (60/086,119) 1998-05-20
[30] US (60/101,918) 1998-09-24

[21] **2,331,665**
[13] A1

[51] **Int.Cl. 6B30B 15/06 6B30B 15/02**
[25] EN
[54] **IMPROVED DIE PUNCH AND TIP ASSEMBLY FOR FORMING COMPRESSION DOSAGE UNITS**
[54] **AMELIORATIONS APORTEES A UN ENSEMBLE MATRICE AVEC TETE DESTINE A FACONNER DES UNITES POSOLOGIQUES PAR COMPRESSION**
[72] PERKINS, JAMES H., US
[72] MISRA, TUSHAR K., US
[72] BOGUE, BEUFORD A., US
[72] KAMATH, SATISH V., US
[72] REYES, OSCAR A., US
[72] FENTON, KEVIN M., US
[72] CURRINGTON, JEFFERY W., US
[71] BIOVAIL TECHNOLOGIES LTD., US
[85] 2000-11-07
[86] 1999-04-06 (PCT/US99/07496)
[87] 1999-11-18 (WO99/58320)
[30] US (09/076,416) 1998-05-12
[30] US (09/221,502) 1998-12-28

[21] **2,331,677**
[13] A1

[51] **Int.Cl. 6E04G 21/14 6B29C 70/00 6E04C 2/38**
[25] EN
[54] **CEMENTITIOUS MATERIAL BASED LUMBER PRODUCT**
[54] **PRODUIT SANS BOIS COMPORTANT UN MATERIAU A BASE DE CIMENT**
[72] KESHMIRI, FIROUZEH, US
[71] KESHMIRI, FIROUZEH, US
[85] 2000-11-10
[86] 1999-05-12 (PCT/US99/10530)
[87] 1999-11-18 (WO99/58789)
[30] US (60/085,230) 1998-05-13
[30] US (09/286,083) 1999-04-05

[21] **2,331,678**
[13] A1

[51] **Int.Cl. 6G01N 21/03**
[25] EN
[54] **MULTI-CHANNEL OPTICAL DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION OPTIQUE A PLUSIEURS VOIES**
[72] KOVACS, GREGORY T.A., US
[72] MCMILLAN, WILLIAM A., US
[72] YOUNG, STEVEN J., US
[72] CHANG, RONALD, US
[72] KINTZ, GREGORY J., US
[72] HEBERT, RAYMOND, US
[72] DORITY, DOUGLAS B., US
[72] PETERSEN, KURT E., US
[72] CHRISTEL, LEE A., US
[72] NORTHROP, M. ALLEN, US
[71] CEPHEID, US
[85] 2000-11-10
[86] 1999-05-19 (PCT/US99/11182)
[87] 1999-11-25 (WO99/60380)
[30] US (09/081,260) 1998-05-19

[21] **2,331,679**
[13] A1

[51] **Int.Cl. 6F24H 1/44 6F24H 1/20**
[25] EN
[54] **GAS FIRED BOOSTER**
[54] **SURCHAUFFEUR A GAZ**
[72] GRUESER, THOMAS A., US
[72] MONNIER, CARLA A., US
[72] NOREN, DOUG W., US
[72] HOYING, GARY V., US
[72] NOREN, LARS T., US
[71] PREMARK FEG L.L.C., US
[85] 2000-11-10
[86] 1999-05-13 (PCT/US99/10507)
[87] 1999-11-18 (WO99/58904)
[30] US (60/085,367) 1998-05-13

[21] **2,331,680**
[13] A1

[51] **Int.Cl. 6G01N 33/68 6C12Q 1/48 6G01N 33/50**
[25] EN
[54] **METHOD TO IDENTIFY COMPOUNDS TO PREVENT NEURON DEATH**
[54] **PROCEDE D'IDENTIFICATION DE COMPOSES PERMETTANT D'EMPECHER LA MORT CELLULAIRE**
[72] LIU, YA FANG, US
[71] LIU, YA FANG, US
[85] 2000-11-10
[86] 1999-05-12 (PCT/US99/10416)
[87] 1999-11-12 (WO99/58982)
[30] US (60/085,439) 1998-05-14
[30] US (09/156,367) 1998-09-17

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[13] A1

[51] **Int.Cl. 6H01Q 21/29 6H01Q 5/00 6H01Q 21/10 6H01Q 1/24 6H01Q 21/26**
[25] EN
[54] **DUAL POLARISED MULTI-RANGE ANTENNA**
[54] **ANTENNE MULTIGAMME A POLARISATION DOUBLE**
[72] GABRIEL, ROLAND, DE
[72] GOTTL, MAXIMILIAN, DE
[72] KLINGER, GEORG, DE
[71] KATHREIN-WERKE KG, DE
[85] 2000-11-03
[86] 1999-05-20 (PCT/EP99/03484)
[87] 1999-12-02 (WO99/62139)
[30] DE (198 23 749.9) 1998-05-27

[21] **2,331,682**
[13] A1

[51] **Int.Cl. 6B65D 55/02 6B65D 21/02 6B65D 25/06 6B65D 43/12 6B65D 55/14**
[25] EN
[54] **SECURITY BOX**
[54] **COFFRET DE SECURITE**
[72] DE BAETS, DANIEL, BE
[72] VANDE PUTTE, DANNY, BE
[72] VAN CAUWENBERGE, RENAUD, BE
[71] NATIONALE BANK VAN BELGIE N.V., BE
[85] 2000-11-03
[86] 1998-05-07 (PCT/EP98/02691)
[87] 1999-11-18 (WO99/58416)

[21] **2,331,683**
[13] A1

[51] **Int.Cl. 6G09G 5/00**
[25] EN
[54] **DISPLAY WITH MULTIPLEXED PIXELS FOR ACHIEVING MODULATION BETWEEN SATURATION AND THRESHOLD VOLTAGES**
[54] **AFFICHAGE A PIXELS MULTIPLEXES PERMETTANT D'EFFECTUER UNE MODULATION ENTRE UNE TENSION DE SATURATION ET UNE TENSION DE SEUIL**
[72] HUDSON, EDWIN LYLE, US
[72] CAMPBELL, JOHN GRAY, US
[72] WORLEY, W. SPENCER III, US
[71] AURORA SYSTEMS, INC., US
[85] 2000-11-03
[86] 1999-05-07 (PCT/US99/10161)
[87] 1999-11-18 (WO99/59129)
[30] US (09/075,124) 1998-05-08

[21] **2,331,684**
[13] A1

[51] **Int.Cl. 6G01S 5/14 6G01S 5/00**
[25] EN
[54] **METHOD AND APPARATUS FOR OPERATING A SATELLITE POSITIONING SYSTEM RECEIVER**
[54] **PROCEDE ET DISPOSITIF D'UTILISATION D'UN RECEPTEUR DE SYSTEME A POSITIONNEMENT PAR SATELLITE**
[72] KRASNER, NORMAN F., US
[71] SNAPTRACK, INC., US
[85] 2000-11-03
[86] 1999-04-13 (PCT/US99/08085)
[87] 1999-11-11 (WO99/57576)
[30] US (09/072,405) 1998-05-04

[21] **2,331,685**
[13] A1

[51] **Int.Cl. 6A61K 31/165 6C07D 295/08 6C07C 317/40 6C07C 317/44 6C07C 323/65 6C07D 213/89**
[25] EN
[54] **USE OF COMPOUNDS FOR THE ELEVATION OF PYRUVATE DEHYDROGENASE ACTIVITY**
[54] **UTILISATION DE COMPOSES PERMETTANT D'ELEVER L'ACTIVITE DE LA PYRUVATE-DESHYDROGENASE**
[72] BURROWS, JEREMY NICHOLAS, GB
[72] BLOCK, MICHAEL HOWARD, GB
[72] NOWAK, THORSTEN, GB
[72] BUTLIN, ROGER JOHN, GB
[71] ASTRAZENECA AB, SE
[85] 2000-11-03
[86] 1999-05-26 (PCT/GB99/01669)
[87] 1999-12-09 (WO99/62506)
[30] GB (9811427.5) 1998-05-29

[21] **2,331,687**
[13] A1

[51] **Int.Cl. 6C08F 222/00 6C08F 210/00 6C08F 212/04 6D06M 15/263 6D06M 15/277 6D06M 15/353**
[25] EN
[54] **FLUORINE-CONTAINING MALEIC ACID TERPOLYMER SOIL AND STAIN RESISTS**
[54] **PRODUITS CONFERANT UNE RESISTANCE AUX SALISSURES ET AUX TACHES, A BASE D'UN TERPOLYMERE D'ACIDE MALEIQUE CONTENANT DU FLUOR**
[72] PECHHOLD, ENGELBERT, US
[72] MURPHY, PETER MICHAEL, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-11-03
[86] 1999-06-16 (PCT/US99/13534)
[87] 1999-12-23 (WO99/65960)
[30] US (09/099,990) 1998-06-19

[21] **2,331,688**
[13] A1

[51] **Int.Cl. 6G01N 27/327 6G01N 27/00 6G01N 33/543 6C12Q 1/68**
[25] EN
[54] **DETECTION OF A TARGET IN A SAMPLE**
[54] **DETECTION D'UNE CIBLE DANS UN ECHANTILLON**
[72] BRAUN, EREZ, IL
[72] EICHEN, YOAV, IL
[72] SIVAN, URI, IL
[71] TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD., IL
[85] 2000-11-03
[86] 1999-05-04 (PCT/IL99/00232)
[87] 1999-11-11 (WO99/57550)
[30] IL (124322) 1998-05-04

[21] **2,331,690**
[13] A1

[51] **Int.Cl. 6C08L 101/12 6D21H 21/10 6D21H 21/14**
[25] EN
[54] **AQUEOUS SYSTEMS COMPRISING AN IONIC POLYMER AND A VISCOSITY PROMOTER**
[54] **SYSTEME AQUEUX COMPRENANT UN POLYMERE IONIQUE ET UN PROMOTEUR DE VISCOSITE**
[72] BURDICK, CHARLES L., US
[71] HERCULES INCORPORATED, US
[85] 2000-11-03
[86] 1999-05-11 (PCT/US99/07034)
[87] 1999-11-18 (WO99/58609)
[30] US (60/086,048) 1998-05-12

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[13] A1
[51] **Int.Cl. 6G09G 3/20 6G09G 5/10 6G09G 3/36**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING INTER-PIXEL DISTORTION BY DYNAMIC REDEFINITION OF DISPLAY SEGMENT BOUNDARIES**
[54] **SYSTEME ET PROCEDE DE REDUCTION DE LA DISTORSION INTER-PIXEL PAR REDEFINITION DYNAMIQUE DES LIMITES DES SEGMENTS GRAPHIQUES**
[72] WORLEY, W. SPENCER III, US
[72] CHOW, WING HONG, US
[71] AURORA SYSTEMS, INC., US
[85] 2000-11-03
[86] 1999-05-07 (PCT/US99/10017)
[87] 1999-11-18 (WO99/59126)
[30] US (09/074,998) 1998-05-08

[21] **2,331,695**
[13] A1
[51] **Int.Cl. 6G09G 3/36**
[25] EN
[54] **METHOD FOR MODULATING A MULTIPLEXED PIXEL DISPLAY**
[54] **PROCEDE DE MODULATION D'UN ECRAN A PIXELS MULTIPLEXES**
[72] CHOW, WING HONG, US
[72] HUDSON, EDWIN LYLE, US
[72] WORLEY, W. SPENCER III, US
[71] AURORA SYSTEMS, INC., US
[85] 2000-11-03
[86] 1999-05-07 (PCT/US99/10115)
[87] 1999-11-18 (WO99/59127)
[30] US (09/075,472) 1998-05-08

[21] **2,331,697**
[13] A1
[51] **Int.Cl. 6A61B 5/00**
[25] EN
[54] **NON-INVASIVE MEASUREMENT OF ANALYTE IN THE TYMPANIC MEMBRANE**
[54] **MESURES NON EFFRACTIVES DE LA PRESENCE D'UN ANALYSAT DANS LA MEMBRANE DU TYMPAN**
[72] BLOCK, MYRON J., US
[71] OPTIX LP, US
[85] 2000-11-03
[86] 1999-04-28 (PCT/US99/09484)
[87] 1999-11-11 (WO99/56615)
[30] US (09/073,574) 1998-05-06

[21] **2,331,699**
[13] A1
[51] **Int.Cl. 7G01L 1/14 7G01B 7/16 7G01D 5/24**
[25] EN
[54] **CAPACITIVE FORCE GAUGE**
[54] **APPAREIL CAPACITIF DE MESURE DE FORCE**
[72] YAMAGATA, YUTAKA, JP
[72] MOROZOV, VICTOR, RU
[72] OZAKI, TSUNEHICO, JP
[72] INOUE, KOZO, JP
[71] S.T. RESEARCH CO., LTD., JP
[71] RIKEN, JP
[85] 2000-11-03
[86] 2000-03-03 (PCT/JP00/01297)
[87] 2000-09-08 (WO00/52439)
[30] JP (11/57381) 1999-03-04

[21] **2,331,704**
[13] A1
[51] **Int.Cl. 7G05D 9/12**
[25] EN
[54] **LIQUID TREATMENT DEVICE WITH STORAGE TANK AND DELIVERY TANK**
[54] **DISPOSITIF DE TRAITEMENT DE LIQUIDES AVEC RESERVOIR DE STOCKAGE ET RESERVOIR DE DISTRIBUTION**
[72] YAMAGATA, YUTAKA, JP
[72] OZAKI, TSUNEHICO, JP
[72] INOUE, KOZO, JP
[72] MOROZOV, VICTOR, RU
[71] S.T. RESEARCH CO., LTD., JP
[71] RIKEN, JP
[85] 2000-11-03
[86] 2000-03-03 (PCT/JP00/01298)
[87] 2000-09-08 (WO00/52544)
[30] JP (11/57663) 1999-03-04

[21] **2,331,707**
[13] A1
[51] **Int.Cl. 6B22F 1/00 6B22F 9/22**
[25] EN
[54] **METAL POWDERS PRODUCED BY THE REDUCTION OF THE OXIDES WITH GASEOUS MAGNESIUM**
[54] **POUDRES METALLIQUES OBTENUES PAR REDUCTION D'OXIDES AU MOYEN DE MAGNESIUM GAZEUX**
[72] VIEREGGE, JOACHIM, DE
[72] LANIN, LEONID L., US
[72] THOMAS, OLIVER, DE
[72] REICHERT, KARLHEINZ, DE
[72] TRIPP, TERRANCE B., US
[72] SHEKHTER, LEONID N., US
[71] H.C. STARCK, INC., US
[71] H.C. STARCK GMBH & CO. KG, DE
[85] 2000-11-03
[86] 1999-05-05 (PCT/US99/09772)
[87] 2000-11-16 (WO00/67936)
[30] US (09/073,488) 1998-05-06
[30] DE (198 31 380.1) 1998-07-13

[21] **2,331,708**
[13] A1
[51] **Int.Cl. 7D21F 11/14 7D21F 5/00 7D21F 5/18**
[25] EN
[54] **PROCESS FOR REMOVING WATER FROM FIBROUS WEB USING OSCILLATORY FLOW-REVERSING IMPINGEMENT GAS**
[54] **PROCEDE D'ELIMINATION D'EAU D'UNE BANDE FIBREUSE AU MOYEN D'UN GAZ DE CONVECTION D'INVERSION DE FLUX OSCILLATOIRE**
[72] STIPP, GORDON KEITH, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-11-03
[86] 1999-06-29 (PCT/US99/14718)
[87] 2000-01-13 (WO00/01883)
[30] US (09/108,844) 1998-07-01
[30] US (09/108,847) 1998-07-01

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<p style="text-align: right;">[21] 2,331,709 [13] A1</p> <p>[51] Int.Cl. 6G01S 5/00 [25] EN [54] METHOD AND SYSTEM FOR USING ALTITUDE INFORMATION IN A SATELLITE POSITIONING SYSTEM [54] PROCEDE ET SYSTEME FAISANT INTERVENIR DES INFORMATIONS SUR L'ALTITUDE DANS UN SYSTEME DE POSITIONNEMENT PAR SATELLITE [72] SHEYNBLAT, LEONID, US [71] SNAPTRACK, INC., US [85] 2000-11-03 [86] 1999-04-13 (PCT/US99/08270) [87] 1999-11-11 (WO99/57575) [30] US (09/073,107) 1998-05-05</p>	<p style="text-align: right;">[21] 2,331,714 [13] A1</p> <p>[51] Int.Cl. 6A63F 1/00 [25] EN [54] PLAYING CARDS [54] CARTES A JOUER [72] HOYT, DAVID L., US [72] FLAHERTY, STEPHEN M., US [71] HOYT, DAVID L., US [71] FLAHERTY, STEPHEN M., US [85] 2000-11-03 [86] 1999-03-04 (PCT/US99/04857) [87] 1999-09-10 (WO99/44701) [30] US (09/034,980) 1998-03-05</p>	<p style="text-align: right;">[21] 2,331,720 [13] A1</p> <p>[51] Int.Cl. 6B01D 71/52 6H01M 8/10 6C08J 5/22 6C08G 65/48 [25] EN [54] CROSSLINKED ION CONDUCTIVE MEMBRANES [54] MEMBRANES RETICULEES CONDUCTRICES D'IONS [72] MAO, SHANE S., US [72] HAMROCK, STEVEN J., US [72] YLITALO, DAVID A., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-11-03 [86] 1999-01-28 (PCT/US99/01782) [87] 1999-12-02 (WO99/61141) [30] US (09/084,073) 1998-05-22</p>
<p style="text-align: right;">[21] 2,331,710 [13] A1</p> <p>[51] Int.Cl. 6H02J 3/26 6H02M 7/02 6H02M 7/66 [25] EN [54] METHOD AND DEVICE FOR REDUCING THE CURRENT IN THE NEUTRAL CONDUCTOR [54] PROCEDE ET DISPOSITIF DE REDUCTION DE COURANT DANS UN CONDUCTEUR NEUTRE [72] KARLSSON, MATS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-11-03 [86] 1999-05-04 (PCT/SE99/00743) [87] 1999-11-11 (WO99/57793) [30] SE (9801582-9) 1998-05-06</p>	<p style="text-align: right;">[21] 2,331,716 [13] A1</p> <p>[51] Int.Cl. 6B01D 15/08 [25] EN [54] CONTINUOUSLY REGENERATED AND INTEGRATED SUPPRESSOR AND DETECTOR FOR SUPPRESSED ION CHROMATOGRAPHY AND METHOD [54] SUPRESSEUR-DETECTEUR INTEGRE REGENERE EN CONTINU POUR CHROMATOGRAPHIE D'ADSORPTION IONIQUE, ET PROCEDE ASSOCIE [72] SAARI-NORDHAUS, RAAIDAH, US [72] ANDERSON, JAMES M., JR., US [71] ALLTECH ASSOCIATES, INC., US [85] 2000-11-03 [86] 1999-05-04 (PCT/US99/09827) [87] 1999-11-11 (WO99/56849) [30] US (09/073,652) 1998-05-06</p>	<p style="text-align: right;">[21] 2,331,740 [13] A1</p> <p>[51] Int.Cl. 6H01M 8/24 6H01M 8/02 6H01M 8/04 [25] EN [54] STACK OF FUEL CELLS WITH LIQUID COOLING, AND METHOD FOR COOLING A FUEL CELL STACK [54] EMPILEMENT DE PILES A COMBUSTIBLE A REFROIDISSEMENT PAR LIQUIDE ET PROCEDE DE REFROIDISSEMENT D'UN EMPILEMENT DE PILES A COMBUSTIBLE [72] VON HELMOLT, RITTMAR, DE [72] BUCHNER, PETER, DE [72] WAIDHAS, MANFRED, DE [72] NOLSCHER, CHRISTOPH, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-11-10 [86] 1999-05-03 (PCT/DE99/01313) [87] 1999-11-25 (WO99/60641) [30] DE (198 21 767.6) 1998-05-14</p>
<p style="text-align: right;">[21] 2,331,712 [13] A1</p> <p>[51] Int.Cl. 6G01V 1/28 [25] EN [54] METHOD OF AND SYSTEM FOR PROCESSING MULTICOMPONENT SEISMIC DATA [54] PROCEDE ET SYSTEME DE TRAITEMENT DE DONNEES SISMIQUES A PLUSIEURS COMPOSANTS [72] ZHU, XIANHUAL, US [72] ALTAN, MEHMET SUAT, US [72] LI, JIANCHAO, US [72] MADTSON, ERIC, US [71] PGS TENSOR, INC., US [85] 2000-11-03 [86] 1999-03-03 (PCT/US99/04706) [87] 1999-12-16 (WO99/64895) [30] US (09/093,589) 1998-06-08</p>	<p style="text-align: right;">[21] 2,331,717 [13] A1</p> <p>[51] Int.Cl. 6A61F 2/44 [25] EN [54] APPARATUS AND METHOD FOR SPINAL FUSION USING IMPLANTED DEVICES [54] APPAREIL ET PROCEDE D'ARTHRODESE DU RACHIS UTILISANT DES DISPOSITIFS IMPLANTES [72] WHIPPLE, DALE E., US [72] NICHOLSON, JAMES E., US [72] TROMANHAUSER, SCOTT G., US [71] CORTEK, INC., US [85] 2000-11-03 [86] 1999-05-06 (PCT/US99/09841) [87] 1999-11-11 (WO99/56676) [30] US (09/072,777) 1998-05-06 [30] US (09/248,151) 1999-02-10</p>	<p style="text-align: right;">[21] 2,331,744 [13] A1</p> <p>[51] Int.Cl. 6C08B 37/06 6A61K 47/48 [25] EN [54] ALOE PECTINS [54] PECTINES D'ALOE [72] NI, YAWEI, US [72] ZARZYCKI, RYSZARD, US [72] YATES, KENNETH M., US [71] CARRINGTON LABORATORIES, INC., US [85] 2000-11-10 [86] 1999-05-12 (PCT/US99/10335) [87] 1999-11-18 (WO99/58575) [30] US (09/078,204) 1998-05-13</p>

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[21] **2,331,746**
[13] A1

[51] **Int.Cl. 6B05D 1/04 6B24B 13/00 6B29D 31/00 6B29C 41/08**
[25] EN
[54] **METHOD AND APPARATUS FOR ELECTRICALLY CONTROLLING A FLOW OF MATERIAL**
[54] **PROCEDE ET APPAREIL DE REGULATION D'UN FLUX DE MATERIAU**
[72] HATJASALO, LEO, FI
[72] VALTANEN, JARKKO, FI
[71] HATJASALO, LEO, FI
[71] VALTANEN, JARKKO, FI
[85] 2000-11-14
[86] 1999-04-28 (PCT/FI99/00341)
[87] 1999-11-25 (WO99/59735)
[30] FI (981082) 1998-05-15

[21] **2,331,747**
[13] A1

[51] **Int.Cl. 6B05D 1/04 6B29D 31/00 6B29C 41/08**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING A THIN-WALLED ARTICLE**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN ARTICLE A PAROI MINCE**
[72] HATJASALO, LEO, FI
[72] VALTANEN, JARKKO, FI
[71] HATJASALO, LEO, FI
[71] VALTANEN, JARKKO, FI
[85] 2000-11-14
[86] 1999-04-28 (PCT/FI99/00342)
[87] 1999-11-25 (WO99/59736)
[30] FI (981083) 1998-05-15

[21] **2,331,748**
[13] A1

[51] **Int.Cl. 6F23N 1/00 6F04C 15/04 6F23K 5/04 6F23K 5/14**
[25] EN
[54] **A DEVICE FOR THE SUPPLY OF A LIQUID FUEL TO A BURNER MEMBER**
[54] **DISPOSITIF D'ALIMENTATION D'UN COMBUSTIBLE LIQUIDE VERS UN ELEMENT DE BRULEUR**
[72] LUNDGREN, STEN-INGE, SE
[71] ABB AB, SE
[85] 2000-11-14
[86] 1999-05-12 (PCT/SE99/00817)
[87] 1999-12-09 (WO99/63271)
[30] SE (9801728-8) 1998-05-15

[21] **2,331,749**
[13] A1

[51] **Int.Cl. 6B29C 33/60 6B29D 11/00**
[25] EN
[54] **OPHTHALMIC LENSES**
[54] **LENTILLES OPHTHALMIQUES**
[72] BOS, WILLEM, NL
[72] BREEVELD, RICARDO HENRY, NL
[71] AKZO NOBEL N.V., NL
[85] 2000-11-14
[86] 1999-04-26 (PCT/EP99/03016)
[87] 1999-11-25 (WO99/59791)
[30] EP (98201632.1) 1998-05-15

[21] **2,331,750**
[13] A1

[51] **Int.Cl. 6C25D 21/14**
[25] EN
[54] **METHOD FOR ELECTRO COPPERPLATING SUBSTRATES**
[54] **PROCEDE DE CUIVRAGE ELECTROLYTIQUE DE SUBSTRATS**
[72] BREITKREUZ, EUGEN, TW
[72] SCHMERGEL, ULRICH, DE
[72] HUPE, JURGEN, DE
[72] KRONENBERG, WALTER, DE
[71] BLASBERG OBERFLACHENTECHNIK GMBH, DE
[85] 2000-11-14
[86] 1999-05-14 (PCT/EP99/03321)
[87] 1999-11-25 (WO99/60188)
[30] DE (198 22 076.6) 1998-05-16

[21] **2,331,753**
[13] A1

[51] **Int.Cl. 7C08G 18/42 7D06N 3/14 7C08G 65/28 7D02G 3/32 7C08G 18/44 7C08G 18/48**
[25] EN
[54] **POLYURETHANE / POLYURETHANE-UREA RESIN AND PROCESS FOR PRODUCING THE SAME**
[54] **RESINE DE POLYURETHANNE / POLYURETHANE-UREE ET SON PROCEDE DE PRODUCTION**
[72] SAITO, JOICHI, JP
[72] KASHIWAME, JOSHO, JP
[71] ASAHI GLASS COMPANY, LIMITED, JP
[85] 2000-11-14
[86] 2000-03-17 (PCT/JP00/01656)
[87] 2000-09-21 (WO00/55230)
[30] JP (11/71584) 1999-03-17

[21] **2,331,755**
[13] A1

[51] **Int.Cl. 7C09K 3/18 7C09K 3/00 7D06M 15/277 7D06M 15/423 7D06M 15/564 7D06M 15/576**
[25] EN
[54] **WATER DISPERSION TYPE WATER AND OIL REPELLENT COMPOSITION**
[54] **COMPOSE D'EAU ET D'OLEOPHOBE HYDROFUGE**
[72] SHIMADA, TOYOMICHI, JP
[72] MAEKAWA, TAKASHIGE, JP
[71] ASAHI GLASS COMPANY, LIMITED, JP
[85] 2000-11-14
[86] 2000-03-29 (PCT/JP00/01972)
[87] 2000-10-05 (WO00/58416)
[30] JP (11/86704) 1999-03-29

[21] **2,331,756**
[13] A1

[51] **Int.Cl. 6C07D 417/12 6C07D 417/14 6C07D 277/24 6C07D 277/28 6A61K 31/425 6A61K 31/495**
[25] EN
[54] **RETROVIRAL PROTEASE INHIBITING COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE PROTEASES RETROVIRALES**
[72] NORBECK, DANIEL W., US
[72] MOHAMMADI, FARIBORZ, US
[72] CHEN, XIAOQI, US
[72] KEMPF, DALE J., US
[71] ABBOTT LABORATORIES, US
[85] 2000-11-14
[86] 1999-05-07 (PCT/US99/10130)
[87] 1999-11-25 (WO99/59994)
[30] US (09/080,028) 1998-05-15

[21] **2,331,757**
[13] A1

[51] **Int.Cl. 6H05K 3/42 6H05K 3/18 6C25D 5/56**
[25] EN
[54] **PROCESS FOR COATING SUBSTRATES WITH METALS**
[54] **PROCEDE POUR METALLISER DES SUBSTRATS**
[72] FIX, SABINE, DE
[72] HUPE, JURGEN, DE
[72] STEINIUS, ORTRUD, DE
[71] BLASBERG OBERFLACHENTECHNIK GMBH, DE
[85] 2000-11-14
[86] 1999-05-14 (PCT/EP99/03322)
[87] 1999-11-25 (WO99/60189)
[30] DE (198 22 075.8) 1998-05-16

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[21] **2,331,758**
[13] A1

[51] **Int.Cl. 6C07D 207/12 6C07D 291/04 6C07C 381/10 6C07F 7/10 6C07D 209/52**
[25] EN
[54] **METHOD FOR STEREOCHEMICALLY CONTROLLED PRODUCTION OF ISOMERICALLY PURE HIGHLY SUBSTITUTED AZACYCLIC COMPOUNDS**
[54] **PROCEDE POUR LA PRODUCTION STEREOCHIMIQUEMENT CONTROLEE DE COMPOSES AZACYCLIQUES ISOMERIQUEMENT PURS HAUTEMENT SUBSTITUES**
[72] PREUSCHOFF, ULF, DE
[72] ANTEL, JOCHEN, DE
[72] JUNKER, BERND, DE
[72] HEINRICH, TIMO, DE
[72] REGGELIN, MICHAEL, DE
[71] SOLVAY PHARMACEUTICALS GMBH, DE
[85] 2000-11-14
[86] 1999-05-10 (PCT/DE99/01417)
[87] 1999-11-18 (WO99/58500)
[30] DE (198 21 418.9) 1998-05-13

[21] **2,331,768**
[13] A1

[51] **Int.Cl. 6A23L 1/22 6A23L 1/236**
[25] EN
[54] **NOVEL SWEETENER COMPOSITIONS**
[54] **COMPOSITIONS A BASE D'EDULCORANTS**
[72] NAGAI, TAKESHI, JP
[72] ISHIDA, HIROTOSHI, JP
[72] NAGASHIMA, KAZUTAKA, JP
[72] HIRANO, ATSUHIKO, JP
[72] KISHISHITA, AKIHIRO, JP
[71] AJINOMOTO CO., INC., JP
[85] 2000-11-06
[86] 1999-04-26 (PCT/JP99/02198)
[87] 1999-11-18 (WO99/57998)
[30] JP (10/125989) 1998-05-08

[21] **2,331,770**
[13] A1

[51] **Int.Cl. 6B32B 3/00 6B32B 31/00 6B44C 1/165**
[25] EN
[54] **REACTIVE INK PRINTING PROCESS**
[54] **PROCEDE D'IMPRESSON A ENCRE REACTIVE**
[72] WAGNER, BARBARA, US
[72] THOMPSON, KIMBERLEE, US
[72] XU, MING, US
[71] SAWGRASS SYSTEMS, INC., US
[85] 2000-11-06
[86] 1999-04-30 (PCT/US99/09387)
[87] 1999-11-11 (WO99/56948)
[30] US (09/073,963) 1998-05-06

[21] **2,331,773**
[13] A1

[51] **Int.Cl. 6F16H 7/12**
[25] EN
[54] **TENSIONER WITH DAMPING SHOE ACTIVATED BY COMPRESSION SPRING**
[54] **TENSIONNEUR A SABOT AMORTISSEUR ACTIVE PAR RESSORT DE PRESSION**
[72] SERKH, ALEXANDER, US
[71] THE GATES CORPORATION, US
[85] 2000-11-06
[86] 1999-06-02 (PCT/US99/12289)
[87] 1999-12-09 (WO99/63245)
[30] US (09/088,966) 1998-06-02

[21] **2,331,775**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR AN AUTOMATED EXCHANGE**
[54] **SYSTEME ET PROCEDE D'ECHANGE AUTOMATISE**
[72] LEDYARD, JOHN, US
[72] ISHIKIDA, TAKASHI, US
[72] CLIFNER, LANCE A., US
[72] POLK, CHARLES W., US
[72] HOWIESON, ANDREW W., US
[72] JOHNSTON, WALLACE W., US
[71] NET EXCHANGE, US
[85] 2000-11-06
[86] 2000-02-11 (PCT/US00/03594)
[87] 2000-08-17 (WO00/48109)
[30] US (60/119,888) 1999-02-12

[21] **2,331,778**
[13] A1

[51] **Int.Cl. 6H05B 6/12**
[25] EN
[54] **INDUCTION RADIANT BROILER**
[54] **GRILLOIR A RAYONNEMENT PAR INDUCTION**
[72] KEOGH, ALAN C., CA
[71] GARLAND COMMERCIAL INDUSTRIES, INC., US
[85] 2000-11-06
[86] 1999-04-16 (PCT/US99/08379)
[87] 1999-10-28 (WO99/55119)
[30] US (09/062,498) 1998-04-17

[21] **2,331,793**
[13] A1

[51] **Int.Cl. 6A61F 13/08**
[25] EN
[54] **COMPRESSION BANDAGE**
[54] **BANDAGE COMPRESSIF**
[72] FELDGIEBEL, RAINER, DE
[71] LOHMANN GMBH & CO. KG, DE
[85] 2000-11-06
[86] 1999-04-19 (PCT/EP99/02608)
[87] 1999-11-11 (WO99/56683)
[30] DE (298 08 232.2) 1998-05-07

[21] **2,331,794**
[13] A1

[51] **Int.Cl. 6C07D 471/04 6C07D 209/00 6C07D 221/00 6A61K 31/44**
[25] EN
[54] **ACETYLCHOLINE ENHANCERS**
[54] **ACTIVATEURS D'ACETYLCHOLINE**
[72] SATO, SUSUMO, JP
[72] KODA, TADAYUKI, JP
[72] CHALMERS, DEREK T., US
[71] SSP CO., LTD., JP
[71] ARENA PHARMACEUTICALS, INC., US
[85] 2000-11-06
[86] 1999-06-09 (PCT/US99/12886)
[87] 1999-12-16 (WO99/64421)
[30] US (60/088,737) 1998-06-10
[30] US (60/091,666) 1998-07-02
[30] US (60/109,413) 1998-11-20
[30] US (60/115,089) 1999-01-07
[30] US (60/136,887) 1999-06-01
[30] US (09/328,643) 1999-06-09

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[21] **2,331,795**
[13] A1
[51] **Int.Cl. 6B65D 19/44 6B65D 85/68**
[25] EN
[54] **PALLET FOR STORING ITEMS WITH ALIGNED OR OFFSET WHEELS**
[54] **PALETTE DE STOCKAGE POUR ARTICLES COMPORTANT DES ROUES ALIGNEES OU DECALEES**
[72] HEIL, JULIUS F., US
[71] BURNHAM SERVICE COMPANY, INC., US
[85] 2000-11-06
[86] 1998-12-23 (PCT/US98/27451)
[87] 1999-11-18 (WO99/58408)
[30] US (09/075,632) 1998-05-11

[21] **2,331,796**
[13] A1
[51] **Int.Cl. 6G02B 1/04**
[25] EN
[54] **METHOD FOR POLYMERIZING CONTACT LENSES**
[54] **PROCEDE DE POLYMERISATION DE LENTILLES CORNEENNES**
[72] LAI, YU-CHIN, US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2000-11-06
[86] 1999-04-15 (PCT/US99/08297)
[87] 1999-11-25 (WO99/60427)
[30] US (09/079,701) 1998-05-15

[21] **2,331,797**
[13] A1
[51] **Int.Cl. 7B24B 45/00 7B23D 47/00 7B24D 5/16 7B24D 7/16 7B27B 5/32 7F16D 3/74**
[25] EN
[54] **CLAMPING DEVICE FOR GRINDING WHEELS**
[54] **DISPOSITIF DE SERRAGE POUR DISQUES ABRASIFS**
[72] HUBER, JOHANN, AT
[71] TYROLIT SCHLEIFMITTELWERKE SWAROVSKI KG, AT
[85] 2000-11-06
[86] 1999-11-08 (PCT/AT99/00269)
[87] 2000-05-18 (WO00/27590)
[30] AT (A 1865/98) 1998-11-10

[21] **2,331,799**
[13] A1
[51] **Int.Cl. 6H04Q 7/38**
[25] EN
[54] **METHOD AND APPARATUS FOR COORDINATING TRANSMISSION OF SHORT MESSAGES WITH HARD HANDOFF SEARCHES IN A WIRELESS COMMUNICATIONS SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE COORDONNER LA TRANSMISSION DE MESSAGES COURTS AVEC DES RECHERCHES DE TRANSFERT DIFFICILE DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] GLAUSER, OLIVIER, US
[72] CHEN, TAO, US
[72] SAINTS, KEITH W., US
[72] TIEDEMANN, EDWARD G., JR., US
[71] QUALCOMM INCORPORATED, US
[85] 2000-11-06
[86] 1999-04-30 (PCT/US99/09419)
[87] 1999-11-11 (WO99/57849)
[30] US (09/075,407) 1998-05-07
[30] US (09/082,499) 1998-05-21

[21] **2,331,801**
[13] A1
[51] **Int.Cl. 6A01N 55/02**
[25] EN
[54] **METHOD OF HSV PROPHYLAXIS**
[54] **METHODE DE TRAITEMENT PROPHYLACTIQUE DE L'INFECTION A HSV**
[72] STANBERRY, LAWRENCE R., US
[72] BOURNE, NIGEL, US
[71] THE CHILDREN'S HOSPITAL RESEARCH FOUNDATION, US
[85] 2000-11-06
[86] 1999-05-06 (PCT/US99/10091)
[87] 1999-11-11 (WO99/56552)
[30] US (60/084,448) 1998-05-06

[21] **2,331,802**
[13] A1
[51] **Int.Cl. 6A61B 8/12**
[25] EN
[54] **COMBINED MOTOR DRIVE AND AUTOMATED LONGITUDINAL POSITION TRANSLATOR FOR ULTRASONIC IMAGING SYSTEM**
[54] **MOTEUR COMBINE ET TRANSLATEUR DE POSITION LONGITUDINALE AUTOMATISE POUR SYSTEME D'IMAGERIE ULTRASONORE**
[72] MOORE, THOMAS C., US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2000-11-06
[86] 1999-05-05 (PCT/US99/09820)
[87] 1999-11-11 (WO99/56627)
[30] US (09/074,064) 1998-05-07

[21] **2,331,803**
[13] A1
[51] **Int.Cl. 6A01K 61/00 6A01K 67/033**
[25] EN
[54] **CULTURE OF SESSILE MARINE ANIMALS**
[54] **CULTURE D'ANIMAUX MARINS SESSILES**
[72] BARBERO GARCIA, CARLOS, ES
[72] NARANJO LOZANO, SANTIAGO, ES
[72] KUKURTCU TARGOTAY, BULLENT, ES
[72] MARTIN BENITEZ, SILVIA, ES
[71] PHARMA MAR, S.A., ES
[85] 2000-11-06
[86] 1999-05-05 (PCT/GB99/01402)
[87] 1999-11-11 (WO99/56535)
[30] GB (9809588.8) 1998-05-05
[30] GB (9905018.9) 1999-03-04
[30] GB (9905021.3) 1999-03-04

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<p style="text-align: right;">[21] 2,331,804 [13] A1</p> <p>[51] Int.Cl. 6F16L 33/02 [25] EN [54] METHOD OF PRODUCING A HOSE/CLAMP COMBINATION AND A HOSE/CLAMP ASSEMBLY PRODUCED THEREBY [54] PROCEDE PRODUCTION D'UNE COMBINAISON TUYAU/COLLIER DE SERRAGE ET ENSEMBLE TUYAU/ COLLIER DE SERRAGE AINSI PRODUIT [72] CULHAM, ARTHUR JOSEPH, CA [72] HUTCHINS, THOMAS GOODSSELL, US [71] THE GOODYEAR TIRE & RUBBER COMPANY, US [85] 2000-11-06 [86] 1998-05-21 (PCT/US98/10416) [87] 1999-11-25 (WO99/60298)</p>	<p style="text-align: right;">[21] 2,331,809 [13] A1</p> <p>[51] Int.Cl. 6B01J 19/00 [25] EN [54] MULTI-WELL ROTARY SYNTHESIZER [54] SYNTHETISEUR ROTATIF A PUITTS MULTIPLES [72] MCLUEN, GARY R., US [72] HANNEY, RICHARD J., US [72] HUGENS, DANIEL W., US [71] NORTHWEST ENGINEERING, INC., US [85] 2000-11-06 [86] 1999-06-15 (PCT/US99/13582) [87] 1999-12-23 (WO99/65602) [30] US (09/097,966) 1998-06-16</p>	<p style="text-align: right;">[21] 2,331,891 [13] A1</p> <p>[51] Int.Cl. 6B60K 15/04 6B67D 5/14 6B67D 5/33 [25] EN [54] SELF-CLOSING CAP FOR THE FILLING NECK OF A CONTAINER [54] BOUCHON A FERMETURE AUTOMATIQUE POUR LE GOULOT DE REMPLISSAGE D'UN RESERVOIR [72] BASHAN, ODED, IL [72] GILBOA, RONNIE, IL [72] ITAY, NEHEMYA, IL [72] ADUK, MOSHE, IL [71] ON TRACK INNOVATIONS LTD., IL [85] 2000-11-09 [86] 1999-04-23 (PCT/IL99/00219) [87] 1999-11-18 (WO99/58356) [30] IL (124424) 1998-05-11</p>
<p style="text-align: right;">[21] 2,331,805 [13] A1</p> <p>[51] Int.Cl. 6C07C 51/43 6C07C 63/24 [25] EN [54] PROCESS FOR PURIFYING ISOPHTHALIC ACID BY CRYSTALLIZATION [54] PROCEDE DE PURIFICATION D'UN ACIDE ISOPHTALIQUE PAR CRISTALLISATION [72] LEE, FU-MING, US [72] WYTCHERLEY, RANDI WRIGHT, US [72] LAMSHING, WISTON, US [71] HFM INTERNATIONAL, INC., US [85] 2000-11-06 [86] 1999-04-20 (PCT/US99/08800) [87] 1999-11-11 (WO99/57090) [30] US (60/084,426) 1998-05-06 [30] US (09/229,789) 1999-01-13</p>	<p style="text-align: right;">[21] 2,331,811 [13] A1</p> <p>[51] Int.Cl. 6H04Q 3/66 6H04Q 3/00 [25] EN [54] FLEXIBLE CALL ROUTING SYSTEM [54] SYSTEME FLEXIBLE D'ACHEMINEMENT D'APPELS [72] SILVA, MICHAEL, US [72] GHAI, RAJAT, US [72] HEBERT, MARK P., US [71] EXCEL SWITCHING CORPORATION, US [85] 2000-11-06 [86] 1999-06-03 (PCT/US99/12418) [87] 1999-12-16 (WO99/65254) [30] US (09/093,554) 1998-06-08</p>	<p style="text-align: right;">[21] 2,331,892 [13] A1</p> <p>[51] Int.Cl. 6H04M 9/08 6H04M 11/04 [25] EN [54] A METHOD AND SYSTEM FOR SCALEABLE NEAR-END SPEECH CANCELLATION FOR TIP AND RING TONE SIGNAL DETECTORS [54] PROCEDE ET SYSTEME DE SUPPRESSION ECHELONNABLE DU SIGNAL VOCAL A L'EXTREMITE RAPPROCHEE POUR DES DETECTEURS DE TONALITE TETE-NUQUE [72] PIETROWICZ, STANLEY, US [71] TELCORDIA TECHNOLOGIES, INC., US [85] 2000-11-09 [86] 1999-05-07 (PCT/US99/10023) [87] 1999-11-18 (WO99/59320) [30] US (60/085,000) 1998-05-11</p>
<p style="text-align: right;">[21] 2,331,806 [13] A1</p> <p>[51] Int.Cl. 6A47C 20/08 6A47C 20/04 [25] EN [54] BED FRAME [54] CADRE DE LIT [72] ANDERSON, ROBERT E., US [72] HILLENBRAND, DANIEL C., US [72] MCGUINNESS, JOE D., US [72] LARISEY, WILLIAM S., JR., US [72] BROOKE, JASON C., US [72] SHOWS, KENDALL O., US [71] HILL-ROM, INC., US [85] 2000-11-06 [86] 1999-05-28 (PCT/US99/12019) [87] 1999-12-02 (WO99/60893) [30] US (60/087,321) 1998-05-29</p>	<p style="text-align: right;">[21] 2,331,874 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/64 [25] EN [54] JAW FOR AN EXTERNAL BONE FIXATION DEVICE [54] MACHOIRE DESTINEE A UN DISPOSITIF EXTERNE DE FIXATION OSSEUSE [72] HEHLI, MARKUS, CH [72] FRIGG, ROBERT, CH [71] SYNTHES (U.S.A.), US [85] 2000-11-06 [86] 1998-05-07 (PCT/CH98/00185) [87] 1999-11-18 (WO99/58072)</p>	

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,331,893 [13] A1</p> <p>[51] Int.Cl. 6H01L 21/20 6C30B 25/04 6C30B 29/40 [25] EN [54] FABRICATION OF GALLIUM NITRIDE SEMICONDUCTOR LAYERS BY LATERAL GROWTH FROM TRENCH SIDEWALLS [54] FABRICATION DE COUCHES SEMI-CONDUCTRICES DE NITRURE DE GALLIUM PAR TIRAGE LATERAL A PARTIR DE PAROIS LATERALES DE TRANCHEE [72] DAVIS, ROBERT F., US [72] LINTHICUM, KEVIN J., US [72] SMITH, SCOTT A., US [72] THOMSON, DARREN B., US [72] GEHRKE, THOMAS, US [72] ZHELEVA, TSVETANKA, US [71] NORTH CAROLINA STATE UNIVERSITY, US [85] 2000-11-09 [86] 1999-06-09 (PCT/US99/12967) [87] 1999-12-16 (WO99/65068) [30] US (60/088,761) 1998-06-10 [30] US (UNKNOWN) 1999-06-07</p>	<p style="text-align: right;">[21] 2,331,896 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/01 6G01N 21/64 [25] EN [54] DIODE LASER BASED MEASUREMENT APPARATUS [54] APPAREIL DE MESURE A DIODE LASER [72] CHANDLER, VAN S., US [71] LUMINEX CORPORATION, US [85] 2000-11-09 [86] 1999-05-14 (PCT/US99/10795) [87] 1999-11-18 (WO99/58958) [30] US (60/085,522) 1998-05-14</p>	<p style="text-align: right;">[21] 2,331,899 [13] A1</p> <p>[51] Int.Cl. 6H04M 17/00 [25] EN [54] METHOD AND COMMUNICATION SYSTEM FOR PROCESSING STATE INFORMATION IN A MANAGEMENT NETWORK HAVING DIFFERENT MANAGEMENT LEVELS [54] PROCEDE ET SYSTEME DE COMMUNICATION POUR TRAITER DES INFORMATIONS D'ETAT PAR L'INTERMEDIAIRE D'UN RESEAU DE GESTION PRESENTANT PLUSIEURS NIVEAUX DE GESTION [72] SCHMID-BAUER, ALFRED, DE [72] HIRSCH, LUCIAN, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-11-09 [86] 1999-05-03 (PCT/DE99/01309) [87] 1999-11-18 (WO99/59326) [30] DE (198 21 032.9) 1998-05-11</p>
<p style="text-align: right;">[21] 2,331,894 [13] A1</p> <p>[51] Int.Cl. 6G09F 15/00 [25] EN [54] PRESENTATION DEVICE [54] DISPOSITIF DE PRESENTATION [72] SIEGL, GEORG, AT [71] BS-AUSSTELLUNGSTECHNIK GMBH, AT [85] 2000-11-09 [86] 1999-05-11 (PCT/AT99/00115) [87] 1999-11-18 (WO99/59122) [30] AT (GM 312/98) 1998-05-13</p>	<p style="text-align: right;">[21] 2,331,897 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/05 6G01N 21/00 6G01N 21/01 6G01N 15/14 6G01N 21/64 [25] EN [54] MULTI-ANALYTE DIAGNOSTIC SYSTEM AND COMPUTER IMPLEMENTED PROCESS FOR SAME [54] SYSTEME DE DIAGNOSTIC MULTI-ANALYSE ET SON PROCEDE DE MISE EN OEUVRE INFORMATIQUE [72] CHANDLER, VAN S., US [71] LUMINEX CORPORATION, US [85] 2000-11-09 [86] 1999-05-13 (PCT/US99/10316) [87] 1999-11-18 (WO99/58955) [30] US (60/085,381) 1998-05-14</p>	<p style="text-align: right;">[21] 2,331,900 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/80 6A61B 17/86 [25] EN [54] PROVISIONAL BONE PLATE FIXATION PIN [54] BROCHE DE FIXATION DE PLAQUES PROVISOIRES [72] CASTLEMAN, DAVID, US [71] SMITH & NEPHEW, INC., US [85] 2000-11-09 [86] 1999-06-03 (PCT/US99/12438) [87] 1999-12-09 (WO99/62419) [30] US (09/090,117) 1998-06-04</p>
<p style="text-align: right;">[21] 2,331,895 [13] A1</p> <p>[51] Int.Cl. 6A01G 9/02 [25] EN [54] PLANT CONTAINER ASSEMBLY [54] STRUCTURE DE BAC A PLANTES [72] VAN ROEY, HERMAN, BE [71] VAN ROEY, HERMAN, BE [85] 2000-11-09 [86] 1999-05-12 (PCT/BE99/00062) [87] 1999-11-18 (WO99/57961) [30] EP (98201550.5) 1998-05-12</p>	<p style="text-align: right;">[21] 2,331,898 [13] A1</p> <p>[51] Int.Cl. 6H04B 1/69 [25] EN [54] DIGITAL HIDDEN DATA TRANSPORT (DHDT) [54] TRANSPORT DE DONNEES NUMERIQUES CACHEES [72] LEE, CHONG U., US [72] LAM, S. KATHERINE, US [72] NICOLAS, JULIEN J., US [72] ATRERO, EDWARD, US [71] SOLANA TECHNOLOGY DEVELOPMENT CORPORATION, US [85] 2000-11-09 [86] 1999-04-20 (PCT/US99/08675) [87] 1999-11-18 (WO99/59258) [30] US (60/085,186) 1998-05-12</p>	<p style="text-align: right;">[21] 2,331,959 [13] A1</p> <p>[51] Int.Cl. 6A63C 17/06 6A63C 17/14 [25] EN [54] FLEXING BASE SKATE [54] PATIN A BASE FLEXIBLE [72] MEIBOCK, ANTONIN A., CA [72] SVENSSON, JOHN E., US [71] K-2 CORPORATION, US [85] 2000-11-06 [86] 1999-03-17 (PCT/US99/05791) [87] 1999-12-16 (WO99/64125) [30] US (09/094,425) 1998-06-09</p>

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[21] **2,331,960**
[13] A1

[51] **Int.Cl. 6G05B 19/4099**
[25] EN
[54] **PROCESS AND APPARATUS FOR CREATING SEQUENCES FOR NUMERICALLY CONTROLLED MACHINE TOOLS**
[54] **PROCEDE ET DISPOSITIF SERVANT A CREER DES SEQUENCES POUR DES MACHINES-OUTILS A COMMANDE NUMERIQUE**
[72] MORFINO, GIUSEPPE, IT
[71] FIDIA S.P.A., IT
[85] 2000-11-06
[86] 1999-05-07 (PCT/IT99/00120)
[87] 1999-12-02 (WO99/61963)
[30] IT (TO98A000437) 1998-05-22

[21] **2,331,961**
[13] A1

[51] **Int.Cl. 6A23L 1/22 6A23L 1/236**
[25] EN
[54] **SWEETENER COMPOSITION**
[54] **COMPOSITIONS A BASE D'EDULCORANTS**
[72] NAGAI, TAKESHI, JP
[72] KISHISHITA, AKIHIRO, JP
[72] HIRANO, ATSUSHIKO, JP
[72] NAGASHIMA, KAZUTAKA, JP
[72] ISHIDA, HIROTOSHI, JP
[71] AJINOMOTO CO., INC., JP
[85] 2000-11-06
[86] 1999-04-26 (PCT/JP99/02197)
[87] 1999-11-18 (WO99/57997)
[30] JP (10/125990) 1998-05-08

[21] **2,331,962**
[13] A1

[51] **Int.Cl. 6C07J 9/00 6C07J 21/00 6C07J 41/00 6C07J 43/00 6A61K 31/575**
[25] EN
[54] **MEIOSIS REGULATING COMPOUNDS**
[54] **COMPOSES REGULATEURS DE LA MEIOSE**
[72] BLUME, THORSTEN, DE
[72] GRONVALD, FREDERIK CHRISTIAN, DK
[72] MURRAY, ANTHONY, DK
[72] BREINHOLT, JENS, DK
[72] FAARUP, PETER, DK
[71] NOVO NORDISK A/S, DK
[85] 2000-11-06
[86] 1999-05-11 (PCT/DK99/00263)
[87] 1999-11-18 (WO99/58549)
[30] DK (0657/98) 1998-05-13
[30] EP (98250166.0) 1998-05-14
[30] DK (PA 1998 00811) 1998-06-19

[21] **2,331,963**
[13] A1

[51] **Int.Cl. 6G06F 1/12 6H04Q 7/30**
[25] EN
[54] **METHOD AND APPARATUS FOR SYNCHRONISATION OF NODES**
[54] **PROCEDE ET APPAREIL DE SYNCHRONISATION DE NOEUDS**
[72] WESTBERG, LARS, SE
[72] LUNDQVIST, STELLAN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-11-06
[86] 1999-04-16 (PCT/SE99/00613)
[87] 1999-11-18 (WO99/59052)
[30] SE (9801631-4) 1998-05-11

[21] **2,331,964**
[13] A1

[51] **Int.Cl. 6G11B 7/00 6G11B 7/12 6G11B 7/24 6G03H 1/26**
[25] EN
[54] **SYSTEM AND METHOD FOR RECORDING OF INFORMATION ON A HOLOGRAPHIC RECORDING MEDIUM, PREFERABLY AN OPTICAL CARD**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ENREGISTRER DES INFORMATIONS SUR UN SUPPORT D'ENREGISTREMENT HOLOGRAPHIQUE, DE PREFERENCE SUR UNE CARTE OPTIQUE**
[72] RICHTER, PETER, HU
[72] KOPPA, PAL, HU
[72] LORINCZ, EMOKE, HU
[72] HVILSTED, SOREN, DK
[72] RAMANUJAM, P. S., DK
[72] SZARVAS, GABOR, HU
[71] OPTILINK AB, SE
[85] 2000-11-06
[86] 1999-05-04 (PCT/HU99/00035)
[87] 1999-11-11 (WO99/57719)
[30] HU (P 98 01029) 1998-05-05

[21] **2,331,966**
[13] A1

[51] **Int.Cl. 6C12N 1/14 6B01D 39/00 6A01G 9/00 6A61L 9/00 6A01N 63/00 6A01N 65/00 6C05F 9/02 6C05F 11/08 6C12N 11/10 6C12N 11/14 6C12N 1/20 6C09K 17/32 6C02F 3/34**
[25] EN
[54] **MICROBIAL CULTURE LIQUORS CONTAINING MICROORGANISMS DIFFERING IN CHARACTERISTICS AND LIVING IN SYMBIOSIS AND METABOLITES THEREOF, CARRIERS AND ADSORBENTS CONTAINING THE ACTIVE COMPONENTS OF THE CULTURE LIQUORS AND UTILIZATION OF THE SAME**
[54] **LIQUEURS DE CULTURE MICROBIENNE CONTENANT DES MICRO-ORGANISMES DE CARACTERISTIQUES DIFFERENTES VIVANT EN SYMBIOSE ET DES METABOLITES DE CEUX-CI, VECTEURS ET ADSORBANTS CONTENANT LES COMPOSANTS ACTIFS DE CES LIQUEURS DE CULTURE ET LEUR UTILISATION**
[72] NAKAMURA, KEIJIRO, JP
[71] NAKAMURA, KEIJIRO, JP
[85] 2000-11-06
[86] 1999-05-06 (PCT/JP99/02346)
[87] 1999-11-11 (WO99/57243)
[30] JP (10/159799) 1998-05-06
[30] JP (10/187993) 1998-06-01
[30] JP (10/194906) 1998-06-08
[30] JP (10/237920) 1998-07-21
[30] JP (10/244323) 1998-07-28
[30] JP (10/244324) 1998-07-28
[30] JP (10/250301) 1998-08-01
[30] JP (10/279282) 1998-08-25
[30] JP (10/294400) 1998-09-09
[30] JP (10/316764) 1998-10-05
[30] JP (11/33348) 1999-01-04
[30] JP (11/105704) 1999-03-09
[30] JP (11/156926) 1999-04-26

[21] **2,331,967**
[13] A1

[51] **Int.Cl. 6C08L 23/02 6C08L 51/06 6C08L 23/16**
[25] EN
[54] **LOW-EMISSION FLOOR COVERING**
[54] **REVETEMENT DE SOL FAIBLEMENT POLLUANT**
[72] FISCHER, BERND, DE
[72] KOLBIG, STEFAN, DE
[71] DLW AKTIENGESELLSCHAFT, DE
[85] 2000-11-07
[86] 1999-05-11 (PCT/EP99/03229)
[87] 1999-11-18 (WO99/58602)
[30] DE (198 21 193.7) 1998-05-12

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[21] **2,331,968**

[13] A1

[51] **Int.Cl. 6A61B 10/00**

[25] EN

[54] **UTERINE TISSUE COLLECTOR**

[54] **COLLECTEUR DE TISSU UTERIN**

[72] GABER, BENNY, IL

[71] GABER, BENNY, IL

[85] 2000-11-06

[86] 1999-03-23 (PCT/IL99/00164)

[87] 1999-11-11 (WO99/56628)

[30] IL (124361) 1998-05-07

[21] **2,331,969**

[13] A1

[51] **Int.Cl. 6C07D 277/80**

[25] EN

[54] **PROCESS FOR THE**

MANUFACTURE OF A SULFENIMIDE

[54] **PROCEDE DE FABRICATION DE**

SULFENIMIDE

[72] BALDERSON, PHILLIP B., US

[72] PARKER, RAYMOND T., US

[72] FIELDS, DONALD L., JR., US

[72] LODAYA, JAYANT S., US

[71] FLEXSYS AMERICA L.P., US

[85] 2000-11-06

[86] 1999-05-06 (PCT/US99/09876)

[87] 1999-11-18 (WO99/58516)

[30] US (60/084,825) 1998-05-08

[30] US (09/292,682) 1999-04-16

[21] **2,332,105**

[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00**

7C12N 9/00 7C12N 5/10 7C12N 15/29

[25] EN

[54] **MAIZE RAD6 GENES AND USES**

THEREOF

[54] **GENES RAD6 DU MAIS ET LEURS**

UTILISATIONS

[72] MAHAJAN, PRAMOD B., US

[71] PIONEER HI-BRED

INTERNATIONAL, INC., US

[85] 2001-02-14

[86] 1999-08-10 (PCT/US99/18128)

[87] 2000-02-24 (WO00/09723)

[30] US (60/096,546) 1998-08-14

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] **2,327,489**

[13] A1

[51] **Int.Cl. 7H04N 7/50**

[25] EN

[54] **IMAGE SIGNAL CODING SYSTEM**

[54] **SYSTEME DE CODAGE DE**

SIGNAUX D'IMAGE

[72] MURAKAMI, TOKUMICHI, JP

[72] ASAI, KOHTARO, JP

[72] YAMADA, YOSHIHISA, JP

[72] NISHIKAWA, HIROFUMI, JP

[71] MITSUBISHI DENKI KABUSHIKI

KAISHA, JP

[22] 1992-10-21

[43] 1993-04-23

[62] 2,234,391

[30] JP (273483/1991) 1991-10-22

[30] JP (80654/1992) 1992-04-02

[21] **2,330,645**

[13] A1

[51] **Int.Cl. 7H04L 27/38 7H04L 27/22**

[25] EN

[54] **AN APPARATUS AND METHOD**

FOR DEMODULATING SIGNALS

[54] **SYSTEME DE TRAITEMENT DE**

SIGNAUX

[72] GAMMACK, RICHARD J., GB

[72] CLAYDON, ANTHONY P.J., GB

[71] DISCOVISION ASSOCIATES, US

[22] 1996-02-26

[43] 1996-12-08

[62] 2,170,344

[30] GB (9511551.5) 1995-06-07

[21] **2,331,003**

[13] A1

[51] **Int.Cl. 7B23C 5/06**

[25] EN

[54] **CUTTING INSERT**

[54] **PLAQUETTE DE COUPE**

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[72] PANTZAR, GORAN, SE

[72] CARLSSON, SVEN-ERIK, SE

[71] SANDVIK AB, SE

[22] 1993-02-05

[43] 1993-08-06

[62] 2,088,955

[21] **2,328,824**

[13] A1

[51] **Int.Cl. 7A61M 25/10 7A61N 7/00**

[25] EN

[54] **VIBRATING STENT FOR**

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[54] **EXTENSEUR VIBRANT POUR**

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[71] ADVANCED CARDIOVASCULAR

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[22] 1997-01-29

[43] 1998-03-28

[62] 2,196,237

[30] US (08/720,098) 1996-09-27

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Semenov, Vladimir Petrovich	2,058,625	Tavener, Sally	2,083,044	Watadani, Takeshi	2,149,331
Serbousek, Larry James	2,095,811	TELEFONAKTIEBOLAGET LM ERICSSON	2,076,296	WATANABE, Kenshiu	2,235,089
SERVICE NATIONAL DIT: GAZ DE FRANCE	2,032,837	Tessmer, Earl John	2,095,811	Watts, Peter	2,193,481
SHANDER, Douglas	2,237,979	Tewani, Kamlesh T.	2,196,006	Wellinghoff, Georg	2,034,853
SHELL CANADA LIMITED	2,002,578	Thakrar, Ashrok	2,048,196	Wells, Stuart	2,045,889
SHINE, David	2,197,406	THE GILLETTE COMPANY	2,237,979	WESSMAN, Brian	2,256,908
Shirk, James Alan	2,193,377	THE GOODYEAR TIRE & RUBBER COMPANY	2,023,128	WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH CENTRE LI	2,193,481
Shur, David Hilton	2,196,006	THE PROCTER & GAMBLE COMPANY	2,176,151	West, Neil Edward	2,132,171
Siebert, Robert M.	2,165,150	THE PROCTER & GAMBLE COMPANY	2,200,190	Weterrings, Frans M.	2,180,125
Sierra Biotechnology Company, L.C.	2,096,731	THE UNIVERSITY OF BRITISH COLUMBIA	2,132,841	Wickert, Douglas Emil	2,169,001
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SIGLER, Gerald F.	2,211,385	Thomas, Hewin N.	2,176,151	WILD, Hans-Peter	2,249,177
Silberschatz, Abraham	2,196,483	Thomas, Richard Charles	2,071,529	WILLIAMS, Daniel Ray	2,197,406
Sinicropi, Michael John	2,146,172	THOMAS, SHAJI	2,276,604	Wilson, Dennis R.	2,165,150
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Skipper, Richard Stuart	2,048,196	THOMSEN, Mark H.	2,204,217	Winters, Cathy Lee	2,019,457
Sleisenger, Marvin H.	2,180,571	THOMSON CONSUMER ELECTRONICS, INC.	2,008,073	Wolters, Gerrit Jan	2,056,889
Smaardijk, Abraham A.	2,002,578	Thomson, John, Jr.	2,168,377	Wolters, Jan	2,056,889
SMITH & NEPHEW PLC	2,058,421	Tockman, Bruce A.	2,082,015	Wolters, Peter	2,056,889
Smith, Elizabeth M.	1,341,206	Töffrel, Andreas	2,041,971	WONG, Edmund	2,258,142
Smith, Herman W.	2,071,529	Tokiyoshi, Sachio	2,022,959	XIA, Lunxi Peter	2,210,757
SMITH, Kent C.	2,197,406	TOMIYA, Kanji	2,213,111	XYMID L.L.C.	2,220,253
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Smolarek, James	2,146,172	Tong, Wen	2,187,480	YANASE, Yuji	2,213,111
SOCIÉTÉ NATIONALE ELF AQUITAINE (PRODUCTION)	2,032,837	TOTAL COMPAGNIE FRANÇAISE DES PÉTROLES	2,032,837	YAO, Li-ho	2,220,380
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Sosna, Mikail Haimovich	2,058,625	TOYRE, Georges	2,224,469	Yoder, James Franz	2,193,377
Souletie, Bénédicte	2,181,601	Trifiro, Ferruccio	2,167,880	Yokohama Rubber Co., Ltd. (The)	2,123,828
Spencer, Robert L.	2,156,783	Trueba, Kenneth E.	2,082,852	YOSHIKAWA, Yukihiro	2,213,111
SPRINGER, Paul	2,197,406	Trueba, Kenneth E.	2,083,340	ZABINSKI, John	2,237,375
SQUARE D COMPANY	2,095,811	Trueba, Kenneth E.	2,083,341	ZAFIROGLU, Dimitri Peter	2,220,253
SQUIER, Dale A.	2,237,375	TUCKER, WILLIAM C.	2,276,604	Zats, Boris Semenovitch	2,058,625
Stafford, Peter Harold	2,048,196	UEDA, Kouji	2,232,283	ZEIGLER, Andrew	2,197,406
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ALBANY INTERNATIONAL CORP.	2,308,011	BALDWIN, GEORGE	2,281,246	BENNETT, PERRY A.	2,314,413
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ALBERS, PETER	2,317,351	BARBEY, JEAN-PHILIPPE	2,316,650	BERGEMANN, KLAUS	2,317,351
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ALSTOM	2,316,937	BASF AKTIENGESELLSCHAFT	2,316,623	BIRNIE, WILLIAM KEVIN	2,315,988
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ARDCO, INC.	2,316,476	BAYER		BOMAG GMBH & CO. OHG	2,316,733
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ARMSTRONG WORLD INDUSTRIES, INC.	2,316,586	BAYER		BONAQUIST, DANTE PATRICK	2,317,158
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ASANO TRANSPORTATION CO., LTD.	2,316,725	BAYER		BRENNEIS, HARTMUT	2,317,366
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BROWNE, PETER	2,300,551	CONKLIN, DONALD M.	2,316,712	DENNIS, JOHN R.	2,317,229
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FORSCHUNGSZENTRUM JULICH GMBH	2,315,978	GULA, LANCE	2,316,644	HENLY, TIMOTHY J.	2,313,224
FORTIN, VINCENT	2,316,548	GULIANTS, VADIM	2,316,664	HENLY, TIMOTHY J.	2,315,964
FRANCK, GLENN	2,281,229	GULIANTS, VADIM	2,316,678	HENRY, TIMOTHY N. L.	2,314,846
FRANK, UWE ERNST	2,312,880	GUNDY, RAYMOND P.	2,316,582	HENSCH, CHRISTOPHER D.	2,316,476
FRASCA, ALESSANDRA	2,317,231	GUNDY, RAYMOND P.	2,316,583	HENTHORN, JOHN R.	2,316,422
FREEDMAN SEATING COMPANY	2,315,950	GUNDY, RAYMOND P.	2,316,768	HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL	2,317,149
FREUDENBERG-NOK, GENERAL PARTNERSHIP	2,317,059	GUNDY, RAYMOND P.	2,317,354	HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER	2,316,036
FRYER, LESLIE H.	2,316,712	HAARMANN & REIMER GMBH	2,316,526	HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY NATIONAL RE	2,281,238
FUJIMOTO, TAKASHI	2,315,960	HAERER, JUERGEN	2,317,182	HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTE	2,315,949
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FUNAI, YUKIO	2,300,247	HALLIBURTON ENERGY SERVICES, INC.	2,317,004	HEUMULLER, RUDOLF	2,316,680
FUNYAK, DAVID C.	2,316,537	HALLIBURTON ENERGY SERVICES, INC.	2,317,229	HEZEL, TILMANN	2,316,702
FUNYAK, DAVID C.	2,316,581	HALVERSON, MERLIN B.	2,317,288	HICKEY, JOHN L.	2,317,239
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FUNYAK, DAVID C.	2,316,690	HANDA, AKIO	2,316,077	HIGAKI, KENJIRO	2,316,109
FUNYAK, DAVID C.	2,316,744	HANDA, AKIO	2,317,256	HIGASHI, YASUHIRO	2,317,335
FURNARI, MARK DANIEL	2,315,988	HANDA, AKIO	2,317,335	HILL, CAMERON T.	2,316,790
FURUKIMI, OSAMU	2,281,316	HANSON, DANIEL	2,281,267		
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GAME FREAK INC.	2,314,754	HARADA, TAKAO	2,316,620		
GANESAN, RAVI	2,317,251	HAREMZA, SYLKE	2,316,702		
GARBASCH, ALLAN	2,316,554	HARLESON, KEN J.	2,314,455		
GARCERAN, JULIO ANTONIO	2,316,441	HARMON INDUSTRIES, INC.	2,317,074		
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GAUTHIER, LUC	2,283,581	HARRIOTT, LLOYD RICHARD	2,316,083		
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GERST, ERIC C.	2,316,699				

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HIROSE, NAOKO	2,317,198	HUARD, JEAN-PAUL	2,316,637	ISOGAI, YOSHIHIRO	2,316,066
HIRZEL, WERNER	2,281,041	HUBER, ULRICH	2,318,296	ISOGAI, YOSHIHIRO	2,316,068
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LTD.	2,315,960	HUMBERT, JOSEPH B.	2,316,582	ITADANI, MOTOAKI	2,281,316
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HJARTARSON, JIM	2,281,356	HUMBERT, JOSEPH B.	2,317,354	ENTERPRISES, INC.	2,314,568
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HONDA GIKEN KOGYO		ILLINOIS TOOL WORKS INC.	2,314,026	SEIKO SHO (KOBE	
KABUSHIKI KAISHA	2,316,152	ILLINOIS TOOL WORKS INC.	2,314,088	STEEL, LTD.)	2,316,620
HONDA GIKEN KOGYO		ILLINOIS TOOL WORKS INC.	2,316,327	KABUSHIKI KAISHA PILOT	2,316,700
KABUSHIKI KAISHA	2,316,322	ILLINOIS TOOL WORKS INC.	2,316,477	KABUSHIKI KAISHA	
HONDA GIKEN KOGYO		IMPERIAL COLLEGE OF		TOSHIBA	2,316,636
KABUSHIKI KAISHA	2,316,504	SCIENCE, TECHNOLOGY		KABUSHIKI KAISHA	
HONDA GIKEN KOGYO		AND MEDICINE	2,281,010	TOYODA JIDOSHOKKI	
KABUSHIKI KAISHA	2,317,159	INNOCENZO, JEFFREY		SEISAKUSHO	2,316,066
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KABUSHIKI KAISHA	2,317,249	INOUE, KAZUSHIRO	2,316,077	TOYODA JIDOSHOKKI	
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KABUSHIKI KAISHA	2,317,300	INTERKAL, INC.	2,317,219	INC.	2,317,288
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HOOD, TERESA I.	2,316,582	INTERNATIONAL BUSINESS		KANAYAMA, TARO	2,281,314
HOOD, TERESA I.	2,316,583	MACHINES		KANAYAMA, TARO	2,281,316
HOOD, TERESA I.	2,316,644	CORPORATION	2,313,558	KANJO, WAJIH	2,313,920
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KAWASAKI STEEL CORPORATION	2,281,314	LA SOUDURE AUTOGENE FRANÇAISE	2,281,394	LUCENT TECHNOLOGIES INC.	2,315,980
KAWASAKI STEEL CORPORATION	2,281,316	LAGOSTINA S.P.A.	2,316,515	LUCENT TECHNOLOGIES INC.	2,315,987
KAWASAKI STEEL CORPORATION	2,316,599	LAHN, WOLFGANG	2,317,168	LUCENT TECHNOLOGIES INC.	2,315,988
KEEGAN, DENNIS	2,316,524	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED	2,316,682	LUCENT TECHNOLOGIES INC.	2,315,989
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KIMBARA, MASAHIKO	2,316,068	LAMPRON, DENIS	2,283,453	LUCENT TECHNOLOGIES INC.	2,316,440
KIMBARA, MASAHIKO	2,316,068	LANIER, ADDISON	2,317,154	LUCENT TECHNOLOGIES INC.	2,316,441
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KLIPPER, REINHOLD	2,316,672	L'ÉCUYER, JACQUES	2,316,714	LUCENT TECHNOLOGIES INC.	2,316,512
KLIPPER, REINHOLD	2,316,676	LEE, BYUNG GIL	2,317,099	LUCENT TECHNOLOGIES INC.	2,316,512
KLIPPER, REINHOLD	2,316,692	LEHMANN, BERNHARD	2,316,672	LUCENT TECHNOLOGIES INC.	2,316,512
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MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,316,636	MITSCHKER, ALFRED	2,316,667	NINTENDO CO. LTD.	2,316,611
MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.	2,300,512	MITSCHKER, ALFRED	2,316,676	NINTENDO CO., LTD.	2,314,754
MATSUURA, MASAYUKI	2,315,960	MITSUI CHEMICALS INC.	2,317,174	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2,316,621
MATTHEW, GEORGE ALEXANDER	2,281,305	MIWA, TEIJI	2,315,967	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2,317,139
MATTHEWS, MARK C.	2,317,334	MIYAKE, HIDEKI	2,316,717	NISHIMORI, MASANORI	2,281,300
MATUSEVICH, ALEX	2,316,440	MIYAKE, HIDEKI	2,317,379	NISHIMORI, MASANORI	2,281,314
MATUSEVICH, ALEX	2,316,441	MIYATA, KAORI	2,316,771	NISHIMORI, MASANORI	2,281,316
MAUER, DIETER	2,316,692	MIZUTANI, SATOSHI	2,316,618	NISHIMURA, KAZUHISA	2,316,519
MAUNDER, ANDREW L.	2,317,266	MOELLER, DOUGLAS	2,310,944	NISHIMURA, RYOZO	2,317,303
MAYTAG CORPORATION	2,312,412	MOFFA, MICHAEL D.	2,315,950	NISSHINBO INDUSTRIES, INC.	2,316,630
MAYTAG CORPORATION	2,314,411	MOLONEY, MAURICE M.	2,310,304	NISSHINBO INDUSTRIES, INC.	2,316,635
MAYTAG CORPORATION	2,314,413	MONARCH MARKING SYSTEMS, INC.	2,315,572	NISSUI KAKO CO., LTD.	2,316,564
MCBREARTY, GERALD FRANCIS	2,312,460	MOORE, TODD	2,287,543	NITSCH, CHRISTIAN	2,317,182
McCAFFREY, COLIN	2,281,142	MORBARK, INC.	2,316,483	NOGUCHI, KAZUTO	2,316,621
McDONALD, JOHN ALEXANDER	2,280,650	MORGAN, MICHAEL D.	2,316,640	NOGUCHI, SATORU	2,317,335
McDONALD, JOHN ALEXANDER	2,281,312	MORIOKA, KOITSU	2,316,725	NOMURA, HIROSHI	2,316,599
MCGAHERN, DESMOND	2,308,011	MORISON, JIM	2,281,155	NONAKA, SHINICHI	2,317,285
McGALL, GLENN	2,317,179	MORITA, MASAHIKO	2,281,314	NORRIS, TIMOTHY	2,316,748
MCGAREL, OWEN JOSEPH	2,299,191	MORITA, MASAHIKO	2,281,316	NORRIS, TIMOTHY	2,317,001
MCKEEVER, RODNEY BRENT	2,281,145	MORITA, SHINZO	2,317,308	NORRIS, TIMOTHY	2,317,097
MCKENZIE, STUART	2,281,382	MORITEX CORPORATION	2,317,255	NORSK HYDRO ASA	2,317,248
MCLOUGHLIN, KEVIN	2,317,289	MORIYAMA, SHINO	2,317,088	NORTEL NETWORKS CORPORATION	2,281,208
McNEIL, MICHAEL	2,316,582	MORO, ANDREW J.	2,316,790	NORTEL NETWORKS CORPORATION	2,299,994
MCNEIL, MICHAEL	2,316,744	MORONI, VITALIANO	2,316,515	NORTEL NETWORKS CORPORATION	2,308,572
MCNEIL, MICHAEL	2,317,354	MOSAID TECHNOLOGIES, INC.	2,284,231	NORTEL NETWORKS CORPORATION	2,310,944
MCNEIL-PPC, INC.	2,317,294	MOTOMIYA, SHIGERU	2,317,285	NORTEL NETWORKS CORPORATION	2,312,463
MEACHAM, DARREN	2,314,062	MOTZ, KARL HERMANN	2,316,733	NORTEL NETWORKS CORPORATION	2,317,262
MEDSKER, JAMES A.	2,314,846	MOYNAHAN, JOHN F.	2,299,591	NOTARO, FRANK	2,317,061
MEIGHEN, PIERRE	2,281,322	MUIR, DARREN C.	2,316,712	NOVEMBRE, ANTHONY EDWARD	2,316,083
MEIGHEN, PIERRE	2,316,600	MULLEN, SHAWN PATRICK	2,312,460	NOWOBILSKI, JEFFERT JOHN	2,317,061
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,317,284	MULLER, EUGEN	2,316,691	NOWOBILSKI, JEFFERT JOHN	2,317,304
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MEYER, FRANK	2,316,623	MURAI, YUKIO	2,315,960	NVISION SOFTWARE SYSTEMS INC.	2,281,229
		MURATA, HIROYUKI	2,317,249		
		MURATA, HIROYUKI	2,317,275		
		MURPHY, KIERAN	2,287,112		
		MURPHY, KIERAN J.	2,281,335		
		MUSHIKA, MOTOAKI	2,315,982		
		MYER, ROBERT EVAN	2,316,511		
		MYER, ROBERT EVAN	2,316,512		
		MYRBOSTAD, ERLING	2,317,248		
		NACASH, DAVID	2,316,433		
		NAGAI, RYOJI	2,316,599		
		NAGATOMO, HIDEO	2,311,970		
		NAGOYA UNIVERSITY	2,317,308		
		NAKAGOMI, SHOJI	2,316,564		

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OGINO, KOICHI	2,307,388	PFIZER PRODUCTS INC.	2,317,064	ROESLER, RICHARD R.	2,316,531
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OHMORI, MOTOJI	2,316,636	PHILLIPS, ALBERT C.	2,281,267	ROGERS, JOHN ANTHONY	2,316,639
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OHNISHI, TOSHIO	2,281,300	PIRELLI CAVI E SISTEMI S.P.A.	2,317,266	RONEN, JOSEF	2,316,433
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ONLY SOLUTIONS GMBH	2,316,627	PRAVETZ, JAMES D.	2,317,309	SAIKI, ALBERT K.	2,316,653
ONO, SATOSHI	2,317,139	PRAXAIR TECHNOLOGY, INC.	2,316,664	SAITO, KAZUO	2,316,630
OOZEKI, TOKUO	2,316,725	PRAXAIR TECHNOLOGY, INC.	2,316,678	SAITO, KAZUO	2,316,635
ORPIN, JOHN A.	2,282,723	PRAXAIR TECHNOLOGY, INC.	2,317,061	SAITO, TAKASHI	2,317,230
ORTH, ULRICH	2,316,062	PRAXAIR TECHNOLOGY, INC.	2,317,158	SAKAI, KOSUKE	2,282,039
OSAO, NORIAKI	2,316,504	PRAXAIR TECHNOLOGY, INC.	2,317,304	SAKAI, YOSHIHISA	2,316,621
OSAO, NORIAKI	2,317,300	PRAXAIR TECHNOLOGY, INC.	2,317,333	SAKAMOTO, TAKASHI	2,316,621
OSRAM SYLVANIA INC.	2,314,211	PRECHTL, FRANK	2,316,623	SAKURA COLOR PRODUCTS CORPORATION	2,316,724
OSRAM SYLVANIA INC.	2,314,314	PRECHTL, FRANK	2,316,702	SALMANIAN, MAZDA	2,308,572
OTAKE, YASUYUKI	2,317,198	PRIMEAU, GILLES	2,281,116	SAMARAS, KONSTANTINOS	2,316,540
OTSUBO, KAZUMICHI	2,316,656	PRINCIPE, FRANK SANTO	2,317,031	SAMUEL, LOUIS GWYN	2,316,540
OTSUBO, TOSHIFUMI	2,316,754	PROWS, DENNIS S.	2,315,572	SAMUELSON, MICHAEL H.	2,281,375
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PAATZ, KATHLEEN	2,317,168	QUINONES, VICTOR MANUEL	2,281,014	SANTOSUOSSO, JOHN MATTHEW	2,307,349
PAGANI, GIORGIO	2,315,472	RAAD, ELIE-JEAN J.	2,281,190	SANYO ELECTRIC CO., LTD.	2,315,982
PALME, ENRICO	2,317,231	RABENHORST, JURGEN	2,316,526	SANYO ELECTRIC CO., LTD.	2,316,717
PALMER, KATHRYN M.	2,317,052	RAKOCZY, DANIEL J.	2,316,790	SANYO ELECTRIC CO., LTD.	2,317,303
PANAVISION, INC.	2,316,653	RASMUSSEN, GLENN D.	2,281,331	SANYO ELECTRIC CO., LTD.	2,317,379
PANAVISION, INC.	2,316,657	RASMUSSEN, GLENN D.	2,317,166	SARMA, BALU	2,317,333
PANTET, LAURENT	2,316,117	RASMUSSEN, GLENN D.	2,317,194	SARTORI, PETER	2,317,284
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PARKER, ROBERT	2,316,702	RAYNOR, DONALD E.	2,314,863	SASAKI, MANABU	2,300,247
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PARSONS, DAVID M.	2,316,560	REDNER, ROBERT P.	2,303,729	SAUTER, KENNETH E.	2,314,413
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PEIFER, JONATHAN M.	2,317,354	RICHTER, VOLKER	2,316,702	SCHERER, LOTHAIRE	2,316,687
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SCHNEGG, ULRICH	2,316,676	STEEN, IDAR	2,317,248	WALTRAUD	2,281,371
SCHNEGG, ULRICH	2,316,692	STEIL, WILLIAM F.	2,312,125	TAYEBATI, PARVIZ	2,317,133
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SCHUHMACHER, PETER	2,316,623	STRUTZ, HEINZ	2,316,680	COMPANY	2,316,154
SCHULTHEIS, BERND	2,317,352	STRUVER, WERNER	2,316,667	TEDESCO, ROBERT J.	2,317,052
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SCHULTZ, MATTHIAS	2,316,795	STRUVER, WERNER	2,316,692	TEICHMANN, RALPH	2,316,779
SCHUMACHER, NEIL J.	2,316,483	STRYCHARSKE, THOMAS D.	2,316,468	TEKLOGIX INTERNATIONAL	
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SEIDEL, RUDIGER	2,316,676	SUGANO, KOJI	2,281,300	TERRILL-GRISONI,	
SEKI, BUNZO	2,316,077	SUGGS, GREGORY M.	2,316,462	LAURALAN	2,314,863
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SEKI, BUNZO	2,317,618	SUGIE, YOSHINORI	2,281,300	COMPANY	2,316,699
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SENDA, AKIO	2,316,077	SUGITA, NARUTOSHI	2,317,300	RUBBER COMPANY	2,312,880
SENDA, AKIO	2,317,335	SUGITANI, HIROSHI	2,317,230	THE GOODYEAR TIRE &	
SENDA, AKIO	2,317,618	SULZER CHEMTECH AG	2,313,728	RUBBER COMPANY	2,313,421
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CORPORATION	2,281,144	COMPANY, LIMITED	2,307,388	CORPORATION	2,314,846
SEVENHANS, JOANNES		SUMITOMO CHEMICAL		THE PROCTER & GAMBLE	
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RICHARD	2,316,001	SUMITOMO METAL		SERVICES AG	2,316,117
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SHIONO, TATSUYA	2,316,519	SUNCOR ENERGY INC.	2,304,938	(deceased)	2,304,892
SHIRAHATA, SANETAKA	2,316,656	SUNDER, MATTHIAS	2,317,182	THERRIAULT, MICHEL	2,304,892
SHOJI, MASAO	2,281,300	SUNYOTO, CATUR HENRY	2,317,303	THIELER, STEPHEN M.	2,316,087
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SIMARD, JEAN MARC	2,280,990	SWATCH AG	2,316,104	INTERNATIONAL, INC.	2,313,269
SIMARD, JEAN-MARC	2,316,714	SWISSCOM AG	2,281,041	THRIFT, CHARLES D.	2,314,062
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SITES, RICHARD L.	2,317,309	SWIST, JASON	2,283,034	SYSTEMS	
SKARET, PAL CHRISTIAN	2,317,248	TABANOU, JACQUES R.	2,314,061	CORPORATION	2,314,062
SMITH, DAVID L.	2,316,074	TABATA, KAZUHIKO	2,317,118	TIAN, LINING	2,316,036
SMITH, DAVID J.	2,289,964	TAGAMI, ETSUKO	2,316,618	TINKLER, IAN	2,316,481
SMOKE STOPPERS		TAJIRI, SATOSHI	2,314,753	TITFORD, LARRY	2,281,162
INTERNATIONAL, INC.	2,281,375	TAJIRI, SATOSHI	2,314,754	TOBIAS, JONATHAN	
SMOLAREK, JAMES	2,317,304	TAKAGAKI, KINYA	2,316,764	MICHAEL	2,316,440
SMORGON STEEL GROUP,		TAKAHASHI, DAISUKE	2,316,599	TOMIC-EDGAR, KERRY	2,316,000
LTD.	2,316,712	TAKAHASHI, KIYOSHI	2,281,262	TOMITA, KATSUSHI	2,316,618
SOEST, HANS-KARL	2,316,676	TAKAHASHI, KIYOSHI	2,316,599	TOMIYAMA, TAKASHI	2,317,285
SOHRABY, KAZEM A.	2,316,544	TAKASAKI, NORIMASA	2,317,249	TONCELLI, LUCA	2,317,330
SOLHEIM, JOHN A.	2,316,462	TAKASAKI, NORIMASA	2,317,275	TOPPAN PRINTING CO., LTD.	2,311,970
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SORENSEN, GARY P.	2,316,640	TANAKA, NOBUKI	2,281,295	TOYOOKA, TAKAOKI	2,281,300
SOUCHAL, JEAN	2,316,637	TANAKA, NOBUKI	2,281,300	TOYOOKA, TAKAOKI	2,281,314
SOUDURE L. B. ENRG.	2,283,581	TANAKA, NOBUKI	2,281,316	TOYOOKA, TAKAOKI	2,281,316
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TRIM-TEX, INC.	2,285,784	WEIR, BRYAN	2,281,276	ZHU, LILY	2,316,491
TRISTAM, GUY	2,281,270	WEIRICH, ANDREAS	2,281,356	ZIEGLER, PETRA	2,315,978
TSIVKIN, IRINA	2,316,502	WEIZMAN, ALBERT	2,281,465	ZIMMER, MICHAEL	2,317,352
TSURUTA, YUICHIRO	2,316,322	WELFONDER, KONRAD	2,316,602	ZIMMER, MONTY	2,317,243
TSURUYA, ATSUSHI	2,316,630	WELLS, BRUCE ROY	2,317,075	ZIMMER, RENE JEAN	2,312,880
TSUSAKI, SHINJI	2,316,764	WERNER, DIETER	2,315,989	ZINDLER, MARK O.	2,316,537
TUERSCHMANN, GARY L.	2,316,462	WESTINGHOUSE AIR BRAKE		ZINDLER, MARK O.	2,316,582
UNI-CHARM CORPORATION	2,316,618	COMPANY	2,313,920	ZINDLER, MARK O.	2,316,645
UNI-CHARM CORPORATION	2,316,619	WEYERHAEUSER COMPANY	2,281,267	ZINDLER, MARK O.	2,316,690
UNI-CHARM CORPORATION	2,316,754	WHEELER, DOUGLAS J.	2,314,410	ZINDLER, MARK O.	2,316,744
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COCHRAN, JOHN	2,331,460	DAVIS, MARIA	2,330,735	DUDERSTADT, JACQUELINE	
COE, JOTHAM WADSWORTH	2,330,576	DAVIS, ROBERT E.	2,330,840	MARIE	2,330,147
COFFIN, ROBERT STUART	2,328,594	DAVIS, ROBERT F.	2,331,893	DUFRESNE, MICHAEL J.	2,330,668
COFLEXIP	2,331,452	DAWNAY, EMMA JANE		DUGGAN, JAMES A.	2,331,216
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COLGATE-PALMOLIVE		DAWNAY, EMMA JANE		DURR, HENRI	2,331,365
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COLLINI, MICHAEL DAVID	2,331,631	DCV, INC.	2,331,314	INC.	2,331,090
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COLOR ACCESS, INC.	2,331,496	DE SOUZA, DAVID GEORGES	2,331,374	GMBH & CO.	
COLOR ACCESS, INC.	2,331,498	DECKER TAPE PRODUCTS CO.,		DEUTSCHLAND KG	2,331,309
COLUMN & BEAM, INC.	2,330,880	INC.	2,331,422	E INK CORPORATION	2,330,950
COMISKEY, BARRETT	2,330,950	DECKER, THOMAS A.	2,331,422	E.I. DU PONT DE NEMOURS	
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ATOMIQUE	2,331,487	DEFRANCE, ROBERT	2,331,428	E.I. DU PONT DE NEMOURS	
COMPAGNIE GENERALE DES		DEGADY, MARC	2,331,216	AND COMPANY	2,330,149
ETABLISSEMENTS		DEHAAN, DENNIS ALLEN	2,330,650	E.I. DU PONT DE NEMOURS	
MICHELIN - MICHELIN &		DELGADO, JOAQUIN	2,330,863	AND COMPANY	2,330,151
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CONCHY, FREDERIC	2,330,802	DEMASSA, JOHN M.	2,331,396	AND COMPANY	2,330,153
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CONKLIN, DARRELL C.	2,330,187	DESANTIS, NICOLA	2,331,660	AND COMPANY	2,330,155
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JAMES, ROGER	2,331,041	KATO, TAKATOSHI	2,330,844	KOVACS, GREGORY T.A.	2,331,678
JAMES, ROGER	2,331,042	KATZER, MATTHEW A.	2,330,931	KOWALCZYK, JOHANN	2,331,649
JAMES-BELL, DUNCAN		KAUPPI, FREDERICK J.	2,331,093	KOZODOY, REBECCA	2,331,090
CHARLES	2,330,835	KAUR, PARVINDER	2,330,667	KOZUKA, MASAYUKI	2,331,499
JAMES-BELL, DUNCAN		KAVOKOR FUEL SYSTEMS,		KRAMER, ANDREW P.	2,331,316
CHARLES	2,331,102	LLC	2,331,016	KRASNER, NORMAN F.	2,330,575
JANAKIRAMAN,		KAVONIUS, EINO JOHN	2,331,016	KRASNER, NORMAN F.	2,331,684
RAMACHANDRAN	2,330,667	KAWASAKI STEEL		KREINDEL, MICHAEL	2,331,113
JANSSEN PHARMACEUTICA		CORPORATION	2,331,182	KRONE GMBH	2,331,623
N.V.	2,331,141	KAWASE, HIROSHI	2,331,218	KRONENBERG, WALTER	2,331,750
JANSSEN PHARMACEUTICA		KAYYEM, JON FAIZ	2,330,182	KRUGER, ROBERT A.	2,331,608
N.V.	2,331,187	KELLER, PETER	2,331,040	KRUMWIEDE, JOHN F.	2,330,680
JANSSSENS, WILLEM	2,331,211	KELLY, MICHAEL GERARD	2,330,436	KUHLMAN, DENNIS EUGENE	2,331,138
JAPAN SCIENCE AND		KELLY, MICHAEL GERARD	2,330,437	KUHR, SABINE	2,330,756
TECHNOLOGY		KELLY, MICHAEL GERARD	2,330,577	KUKURTCU TARGOTAY,	
CORPORATION	2,330,798	KELMARTIN, THOMAS		BULLENT	2,331,803
JARROUSSE, FRANCOISE	2,330,807	PATRICK JR.	2,330,443	KULKARNI, ANIL D.	2,325,002
JAYATILAKE, GAMINI S.	2,330,916	KEMPF, DALE J.	2,331,756	KUMAGAI, MASATO	2,331,182
JEFFSON, MARTIN RAYMOND	2,331,297	KENDRICK, JAMES A.	2,330,967	KURARAY CO. LTD.	2,331,128
JENKINS, DAVID A.	2,321,841	KEOGH, ALAN C.	2,331,778	KUSTER, KASPAR	2,330,951
JENSEN, HANNE	2,331,117	KESEL, ANDREAS JOHANNES	2,330,811	KWON, HO-SEOK	2,330,942
JENTEK SENSORS, INC.	2,331,644	KESHMIRI, FIROUZEH	2,331,677	KYBERPASS CORP.	2,330,958
JETTON, NATHAN CORY	2,330,149	KEUTGEN, PETER	2,331,172	LAAPOTTI, JORMA TAPIO	2,331,492
JOBLING, STEPHEN ALAN	2,331,300	KHAN, M. A. LATEEF	2,331,045	LABATT BREWING COMPANY	
JOHANSSON, PETER	2,330,442	KIESEWETTER, STEFAN	2,330,790	LIMITED	2,330,651
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ENGELBERT	2,330,442	KIMBERLY-CLARK		LABY, KEITH	2,330,674
JOHNSON, ERIC G.	2,330,862	WORLDWIDE, INC.	2,330,679	LAFON, MARIE-ODILE	2,330,779
JOHNSTON, RUSSELL A.	2,329,317	KIMBERLY-CLARK		LAFONTAINE, DANIEL	2,330,570
JOHNSTON, WALLACE W.	2,331,775	WORLDWIDE, INC.	2,331,085	LAGNEBORG, JOHAN	2,330,832
JONDA, SVEN	2,330,573	KIMBERLY-CLARK		LAI, YU-CHIN	2,331,796
JONES, BARRY	2,331,122	WORLDWIDE, INC.	2,331,087	LAM, ANDREW O.	2,330,191
JONES, DAVID GERAIN T RHYS	2,331,654	KIMURA, TSUYOSHI	2,328,485	LAM, S. KATHERINE	2,331,898
JONES, DAVID HUGH	2,331,465	KING, DAVID JOHN	2,330,186	LAMKEMEYER, MATTHIAS	
JONGLEZ, MATTHIEU JEAN		KING, HENRY CAMPBELL	2,331,379	HUBERT	2,330,159
NADY	2,331,124	KINGS COLLEGE LONDON	2,329,261	LAMOISE, MICHEL	2,330,806
JONSSON, NILS TORE ERIK	2,330,442	KINGSPAN INDUSTRIAL		LAMSHING, WISTON	2,331,805
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JORDAN, CHARLES	2,330,674	KINTZ, GREGORY J.	2,331,678	LANDI RENZO S.P.A.	2,331,171
JOSEFSSON, PER	2,330,597	KIPRIYANOV, SERGEJ	2,331,641	LANGEMANN, KLAUS	2,330,585
JOYCE, DON	2,330,321	KISHISHITA, AKIHIRO	2,331,768	LANIN, LEONID L.	2,331,707
JUN, RUSLAN BORISOVICH	2,331,181	KISHISHITA, AKIHIRO	2,331,961	LANTHORN, THOMAS	2,331,070
JUNKER, BERND	2,331,758	KISNER, HOWARD	2,331,486	LARISEY, WILLIAM S., JR.	2,331,806
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KAGENO, KENJI	2,330,663	KITSON, MARK	2,331,497	LASER TECHNOLOGY, INC.	2,330,831
KAJIPALA, RANGARAO	2,330,667	KIYOSUE, TOMOHIRO	2,330,765	LASSER, GERALD	2,330,972
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KAMATH, SATISH V.	2,331,665	KLEBBA, ERIC F.	2,330,997	LATCHMAN, DAVID SEYMOUR	2,328,594
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KANG, YOUNG HEE	2,330,437	KO, CHAN U.	2,330,863	LEBRE, CAROLINE ANNE	
KANG, YOUNG HEE	2,330,577	KO, GARY KAM-YUEN	2,330,572	MICHELE	2,330,596
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LESESKY, BRIAN M.	2,330,965	MAHBOOBI, SIAVOSH	2,330,756	MCNEIL-PPC, INC.	2,330,683
LESIKAR, DAVID D.	2,330,191	MAHE, YANN	2,330,807	MDS NORDION INC.	2,331,400
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LIGON, JAMES MADISON	2,329,774	MAMONE, JOSEPH A.	2,330,735	MELKA, MILAN	2,331,464
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LIN, PAUL S.	2,330,675	MARGOSSIAN, LINDA	2,330,765	MERCK & CO., INC.	2,329,134
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LINDENBERG GLASS-TILE		MARTIN BENITEZ, SILVIA	2,331,803	BESCHRANKTER	
GMBH	2,331,649	MARTIN, CATHERINE		HAFTUNG	2,328,490
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LIPIAINEN, KYOSTI	2,331,507	MARTINEZ, CHRISTOPHE	2,331,487	MEYER, JONATHAN M.	2,330,595
LIPPERT PINTLEPIN MFG. INC.	2,331,637	MARTINSON, GLEN D.	2,330,964	MEYER, MICHAEL	2,331,294
LITTLE, CHARLES	2,331,601	MASCELLARO, LUIGI	2,331,366	MICHAUD, TED R.	2,331,092
LITTLE, MELVYN	2,331,641	MASMAR, CRAIG A.	2,330,853	MICHELIS, DANY FELIX	
LITTON SYSTEMS, INC.	2,331,424	MATSUMOTO, NOBUHITO	2,331,454	MARIA	2,331,493
LIU, CLIFFORD M.	2,331,000	MATSUMOTO, YOH-ICHI	2,328,485	MICHIHATA, KEIZO	2,331,128
LIU, YA FANG	2,331,680	MATSUNAGA, HISAHIRO	2,331,182	MICROBIOLOGICAL	
LOBANOV, VICTOR S.	2,331,351	MATSUSHITA ELECTRIC		RESEARCH AUTHORITY	2,331,465
LOCKHEED MARTIN		INDUSTRIAL CO., LTD.	2,330,444	MIKLEAN, SAUL	2,331,498
CORPORATION	2,330,968	MATSUSHITA ELECTRIC		MILES, MARTIN VICTOR	2,330,796
LOCKHEED MARTIN		INDUSTRIAL CO., LTD.	2,331,499	MILGROM, EDWIN	2,331,364
CORPORATION	2,330,969	MATSUSHITA ELECTRICAL		MILLAN, JORGE	2,330,764
LODAYA, JAYANT S.	2,331,969	INDUSTRIAL CO., LTD.	2,331,643	MILLARD, RICHARD JAMES	2,331,654
LOGAN, TERRY J.	2,330,918	MATULIC-ADAMIC, JASENKA	2,330,574	MILLENNIUM	
LOHMANN GMBH & CO. KG	2,331,793	MAYER, GUIDO	2,330,585	PHARMACEUTICALS, INC.	2,329,506
L'OREAL	2,330,807	MAYER, LAURENCE	2,330,321	MILLER, CHRIS PAUL	2,331,631
LORENZO, LUIS	2,328,974	MAYER, ROBERT	2,330,321	MILLER, GLENN T.	2,331,122
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LOSA, RICCARDO	2,330,761	AND RESEARCH	2,330,944	MILLOT, PHILIPPE PIERRE	
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LTS LOHMANN THERAPIE-		MBAILAO, MBAIGUINAM	2,328,590	MILTENYI BIOTEC GMBH	2,330,678
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LUMINEX CORPORATION	2,331,897	FORRESTER	2,330,151	MANUFACTURING	
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MISAWA HOMES CO., LTD.	2,331,024	NEBON, JEAN-PIERRE	2,331,013	ODDS, FRANK CHRISTOPHER	2,331,187
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MISSLITZ, ULF	2,330,585	NEIDLEIN, ULF	2,330,585	O'DONNELL, JOHN MALCOLM	2,330,949
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MITOKOR	2,330,840	NEUKIRCHEN, JOHN D.	2,331,639	OHASHI, NAOHITO	2,331,509
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MOORE, R. THOMAS	2,330,963	NIPPON KETJEN CO., LTD.	2,331,458	ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,328,591
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MORALES, JOSE J.	2,331,593	NOEL, THIERRY	2,331,374	OTSUKA PHARMACEUTICAL FACTORY, INC.	2,331,468
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MORI, HIDEKI	2,330,966	NORBECK, DANIEL W.	2,331,756	OWEN OIL TOOLS, INC.	2,330,795
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MURPHY, PETER MICHAEL	2,331,687	NO SKOWICZ, SIMON HENRI	2,331,106	PATERSON, IAN ALEXANDER	2,331,175
MURPHY, TREVOR	2,330,435	NOVACEPT	2,331,321	PATHAK, SAROJ	2,330,999
MURRAY, ANTHONY	2,331,962	NOVARTIS AG	2,329,774	PAYET, GEORGE L.	2,331,646
MURUGAPPAN, RAMANUJULU PONDI	2,330,667	NOVARTIS AG	2,330,977	PAYNE, JAMES E.	2,330,999
MUSE, BOB G.	2,331,039	NOVO NORDISK A/S	2,331,299	PAZZO, NATHAN LYLE	2,330,962
MYERS, GARY	2,330,825	NOVO NORDISK A/S	2,331,962	PEARCE, MATTHEW	2,330,943
NAGAI, TAKESHI	2,331,768	NOWAK, THORSTEN	2,331,685	PEARSON, STUART ERIC	2,331,042
NAGAI, TAKESHI	2,331,961	NUMATA, TADESHI	2,330,943	PECHHOLD, ENGELBERT	2,331,687
NAGASHIMA, KAZUTAKA	2,331,768	NUTRIBIOTECH, LLC	2,331,491	PEFFLY, MAJORIE MOSSMAN	2,331,138
NAGASHIMA, KAZUTAKA	2,331,961			PELCZMANN, DAVID	2,331,556
NAGHI, DAVID	2,331,463			PELTZ, STUART	2,329,267
NAGHI, HERSCHEL	2,331,463			PENGOV, WAYNE A.	2,330,672
NAKAMURA, KEIJIRO	2,331,966			PERKINS, JAMES H.	2,331,665
NANDAN, SANTOSH	2,330,667			PERKINS, WILLIAM GEORGE	2,330,962
NAPRO BIOTHERAPEUTICS, INC.	2,331,094			PERREAULT, JEAN-PIERRE	2,330,570
NARANG, UPVAN	2,330,439			PERRINE, SUSAN P.	2,324,426
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				PETERSON, PER A.	2,328,591
				PETERSON, THOMAS H.	2,330,973
				PFIZER PRODUCTS INC.	2,330,576

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