

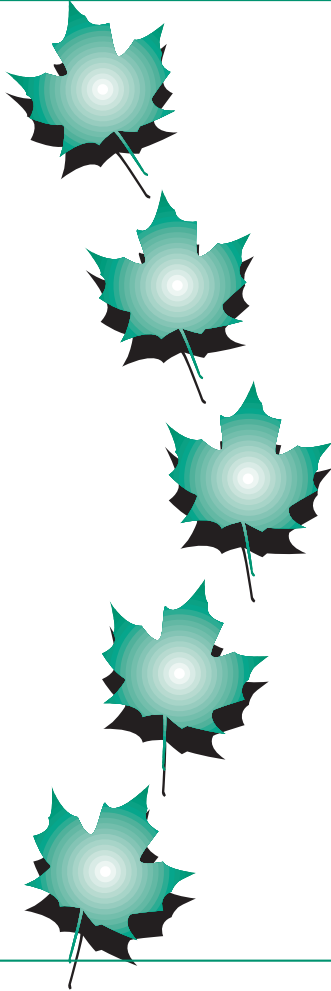


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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Canada



THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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Since the issue of November 2, 1999, Public Works & Government Services Canada (PWGSC) is no longer managing subscriptions to the *Patent Office Record* (POR). PWGSC will provide subscribers with a credit and/or refund for the unused portion of their subscription.

The POR has been made available, free of charge, on CIPO's website at cipo.gc.ca or strategis.ic.gc.ca/patents/record since April 1999. Statistics show that many of our clients are making use of this electronic version. Improvements to the electronic format to facilitate speed of download have been implemented. Users now have the choice of downloading the complete document or each section individually. Current editions are posted weekly on Tuesdays and an archive of past editions dating from April 1999 is available as well.

In order to prevent disruption of service to those clients who still require printed copies, CIPO will, on request, print copies for distribution to current subscribers, free of charge until further notice, after which copies will be available for a fee.

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

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

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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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A) Copies sur papier

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

Notices

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

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

E-mail: tic@micromedia.on.ca

B) Microform Copies

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

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

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

6. Orders for Patents By Class or Sub-Class

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

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

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

Courriel: tic@micromedia.on.ca

B) Copies en microforme

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

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

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
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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. 1,160,000 which issued on January 2, 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 2 janvier 1984 sont maintenant expirés, jusque et y compris le no. 1,160,000. 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))	562.00
Amount for each additional sheet over 30	13.00

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

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

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

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

Preliminary Examination

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

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

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

* International fees will be reduced by \$194.00 for all applications filed using PCT-Easy.

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

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

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

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

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

Examen préliminaire

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

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

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

*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

Notices

15. PCT Notices

PCT Signature Requirements

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

Patent Cooperation Treaty (PCT)

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

15. Avis PCT

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Avis

16. Laid-Open Applications

The Patent Office Record of January 2, 2001 contains laid-open applications from December 10, 2000 - December 16, 2000.

16. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 10 décembre 2000 - 16 décembre 2000.

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AND FEED ADDITIVES CONTAINING
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[51] **Int.Cl. 5B29C 47/06 5B29C 55/04 5C08F 210/08**
[25] EN
[54] **THERMOPLASTIC MULTI-LAYER PACKAGING FILM AND BAGS MADE THEREFROM HAVING TWO LAYERS OF VERY LOW DENSITY POLYETHYLENE**
[54] **PELLICULE D'EMBALLAGE THERMOPLASTIQUE MULTI- COUCHES; SACS OBTENUS A L'AIDE DE LADITE PELLICULE CONSTITUEE DE DEUX COUCHES DE POLYETHYLENE DE TRES FAIBLE DENSITE**
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[73] CRYOVAC, INC., US
[22] 1990-08-09
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[11] **2,023,295**
[13] C

[51] **Int.Cl. 5C08J 9/36 5C08J 7/12 5C08J 9/40 5B01D 71/68**
[25] EN
[54] **METHOD OF MANUFACTURING A SURFACE LAYER MODIFIED, MOLDED ARTICLE OF AROMATIC POLYMER AND THE ARTICLE SO PRODUCED**
[54] **METHODE DE FABRICATION D'UN ARTICLE MOULE, EN POLYMERE AROMATIQUE, A COUCHE SUPERFICIELLE MODIFIEE**
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[72] Tremblay André Y., CA
[73] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY THE NATIONA, CA
[22] 1990-08-15

[11] **2,024,696**
[13] C

[51] **Int.Cl. 5A61J 15/00**
[25] EN
[54] **MEDICAL DEVICE IMPROVEMENTS FOR ENTERAL FEEDING**
[54] **AMELIORATION DES DISPOSITIFS POUR L'ALIMENTATION PAR SONDE**
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[72] Iversen, Kent Elwood, US
[72] Coules, Ronald Albert, US
[72] Schneider, Patricia Ann, US
[72] Osborne, Robert Scott, US
[73] ABBOTT LABORATORIES, US
[22] 1990-09-05
[30] US (404,940) 1989-09-07

[11] **2,024,868**
[13] C

[51] **Int.Cl. 5H04N 7/16**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING DEMOGRAPHICALLY TARGETED TELEVISION COMMERCIALS**
[54] **METHODE ET APPAREIL DE DIFFUSION DEMOGRAPHIQUE D'ANNONCES DE TELEVISION**
[72] Wachob, David E., US
[73] GENERAL INSTRUMENT CORPORATION, US
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[30] US (07/425,117) 1989-10-23

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[11] 2,025,070
[13] C

[51] Int.Cl. 5C12N 15/15 5C12P 21/02
6A61K 38/57
[25] EN
[54] RECOMBINANT APROTININ
VARIANTS GENETICALLY
ENGINEERED PROCESS FOR THE
MICROBIAL PREPARATION OF
HOMGENOUSLY PROCESSED
APROTININ VARIANTS AND THE
THERAPEUTIC USE THEREOF
[54] PROCEDE DE GENIE GENETIQUE
METTANT EN OEUVRE DES ALLELES
DE L'APROTININE RECOMBINANTS
POUR LA PREPARATION A L'AIDE DE
MICROORGANISMES D'ALLELES DE
L'APROTININE TRAITES DE FACON
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[72] Schedel, Michael, DE
[72] Horlein, Dietrich, DE
[72] Ebbers, Jurgen, DE
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[11] 2,026,458
[13] C

[51] Int.Cl. 5H04R 25/00 5H04R 25/02
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[73] SONY CORPORATION, JP
[22] 1990-09-28
[30] JP (P255797/89) 1989-09-30

[11] 2,026,761
[13] C

[51] Int.Cl. 5C07D 261/18 5C07D 413/04
[25] EN
[54] PREPARATION OF ISOXAZOLE-
4,5-DICARBOXYLIC DIESTERS
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ISOXAZOLE-4,5-DICARBOXYLIQUES
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[72] Theobald, Hans, DE
[72] Goetz, Norbert, DE
[72] Ditrich, Klaus, DE
[72] Steiniger, Michael, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[22] 1990-10-02
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[11] 2,027,357
[13] C

[51] Int.Cl. 5B01D 15/08 5B01D 59/30
[25] EN
[54] CHROMATOGRAPHIC
SEPARATION OF ZIRCONIUM
ISOTOPES
[54] SEPARATION
CHROMATOGRAPHIQUE
D'ISOTOPES DU ZIRCONIUM
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[72] Snyder, Thomas Stephen, US
[72] Lahoda, Edward Jean, US
[73] WESTINGHOUSE ELECTRIC
CORPORATION, US
[22] 1990-10-11
[30] US (515,965) 1990-04-27

[11] 2,027,358
[13] C

[51] Int.Cl. 5B01D 59/42 5B01D 59/50
[25] EN
[54] SYSTEM AND METHOD FOR
CONTINUOUS SEPARATION OF
ISOTOPES
[54] APPAREIL ET METHODE DE
SEPARATION D'ISOTOPES EN
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[72] Jackovitz, John Franklin, US
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[73] WESTINGHOUSE ELECTRIC
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[30] US (512,238) 1990-04-20

[11] 2,027,593
[13] C

[51] Int.Cl. 5A61K 31/615 5A61K 31/60
[25] FR
[54] COMPOSITION A ACTIVITE
ANTI-AGREGANTE PLAQUETTAIRE
UTILISABLE EN THERAPEUTIQUE
[54] COMPOSITION WITH
ANTIAGGRETING ACTION ON
PLATELET, FOR THERAPEUTIC USES
[72] Covarrubias, Jesús, IT
[73] Nativelle (Société Anonyme), FR
[85] 1990-10-23
[86] 1990-03-06 (PCT/FR90/00149)
[87] (WO90/10447)
[30] FR (89 03 138) 1989-03-10

[11] 2,027,596
[13] C

[51] Int.Cl. 5C08B 37/08 5A61K 33/30
5A61K 31/715
[25] EN
[54] COMPOSITIONS CONTAINING
HYALURONIC ACID COMPLEXES
WITH ZINC OR COBALT
[54] COMPOSITIONS RENFERMANT
DES ACIDES HYALURONIQUE
COMPLEXES CONTENANT DU ZINC
OU DU COBALT
[72] Burger, Kalman, HU
[72] Takacsi Nagy, Geza, HU
[72] Stefko, Béla, HU
[72] Réthey, Ivan, HU
[72] Illés, Janos, HU
[72] Neszmélyi, Erzsébet, HU
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[72] Racz, Istvan, HU
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[73] Richter Gedeon Vegyeszeti Gyar RT.,
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[87] (WO90/10020)
[30] HU (891/89) 1989-02-24
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[11] 2,027,697
[13] C

[51] Int.Cl. 5C07F 7/18 5C08L 83/05
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[25] EN
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[54] MATERIAUX ORGANOSILICIES
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[72] Burnier, Julia S., US
[73] NATIONAL STARCH AND
CHEMICAL INVESTMENT HOLDING
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[11] **2,027,855**
[13] C

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[25] EN
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[54] **APPAREIL ET METHODE DE CONTROLE A ENREGISTREMENT D'ELEMENTS ASSEMBLES**
[72] Weyenberg, Steven Lambert, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1990-10-17
[30] US (517,568) 1990-05-01

[11] **2,030,195**
[13] C

[51] **Int.Cl. 5C10L 9/08**
[25] EN
[54] **METHOD AND SYSTEM FOR REDUCING THE MOISTURE CONTENT OF SUB-BITUMINOUS COALS AND THE LIKE**
[54] **METHODE ET SYSTEME DE REDUCTION DE LA TENEUR EN HUMIDITE DES CHARBONS SOUS-BITUMINEUX ET SUBSTANCES SIMILAIRES**
[72] Kalb, G. William, US
[73] Kalb, G. William, US
[22] 1990-11-16
[30] US (07/445,499) 1989-12-04

[11] **2,031,651**
[13] C

[51] **Int.Cl. 5F02C 9/26**
[25] EN
[54] **SPEED STABILIZATION APPARATUS FOR TWO SHAFT GAS TURBINE**
[54] **DISPOSITIF POUR MAINTENIR CONSTANT LE REGIME MOTEUR D'UNE TURBINE A GAZ A DOUBLE FLUX**
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[72] Oda, Koji, JP
[72] Saigusa, Athusi, JP
[73] Ebara Corporation, JP
[22] 1990-12-07
[30] JP (322255/1989) 1989-12-12

[11] **2,034,662**
[13] C

[51] **Int.Cl. 5B23G 5/00**
[25] EN
[54] **THREADING INSERT**
[54] **OUTIL POUR LA REALISATION DU FILETAGE INTERIEUR**
[72] Little, Roger Warren, US
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[22] 1991-01-21
[30] US (07/468,564) 1990-01-23

[11] **2,034,663**
[13] C

[51] **Int.Cl. 5G01P 13/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SEMICONDUCTOR CHIP TRANSDUCER**
[54] **METHODE ET APPAREIL DE FABRICATION DE TRANSDUCTEURS A PUCE DE SEMICONDUCTEUR**
[72] Greiff, Paul, US
[73] Charles Stark Draper Laboratory, Inc. (The), US
[22] 1991-01-21
[30] US (07/479,854) 1990-02-14

[11] **2,034,979**
[13] C

[51] **Int.Cl. 5C12N 1/16 5C12P 21/04 6A61K 38/12 6C07K 7/56**
[25] EN
[54] **ANTIBIOTIC, DEOXYMULUNDOCANDIN, A PROCESS FOR ITS PRODUCTION AND ITS USEAS MEDICAMENT**
[54] **PROCEDE DE FABRICATION DE L'ANTIBIOTIQUE DEOXYMULUNDOCANDINE ET UTILISATION DUDIT PRODUIT COMME MEDICAMENT**
[72] Fehlhaber, Hans-Wolfram, DE
[72] Roy, Kirity, IN
[72] Mukhopadhyay, Triptikumar, IN
[72] Kogler, Herbert, DE
[72] Ganguli, Bimal N., IN
[73] HOECHST AKTIENGESELLSCHAFT, DE
[22] 1991-01-25
[30] EP (90101538.8) 1990-01-26

[11] **2,035,602**
[13] C

[51] **Int.Cl. 5F16L 59/02 5B32B 1/00 5F16L 59/14**
[25] EN
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[54] **PANNEAUX ISOLANTS RIGIDES COMPOSITES A RAINURES EN V**
[72] Holland, David L., US
[72] Nelson, Charles M., US
[72] Miller, Thomas M., US
[72] First, Jay C., US
[73] Mineral Products and Technology, Inc., US
[22] 1991-02-04
[30] US (474,938) 1990-02-05

[11] **2,035,807**
[13] C

[51] **Int.Cl. 5C08C 19/06**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF EPOXIDIZED SYNTHETIC CIS-1,4-POLYISOPRENE**
[54] **METHODE DE PREPARATION DE CIS-1,4-POLYISOPRENES SYNTHETIQUES EPOXYDES**
[72] Geiser, Joseph Frank, US
[72] Parker, Dane Kenton, US
[72] Bauer, Richard George, US
[72] Castner, Kenneth Floyd, US
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 1991-02-06
[30] US (576,913) 1990-09-04

[11] **2,035,899**
[13] C

[51] **Int.Cl. 5C12N 15/13 5C12P 21/02 5C12N 5/10**
[25] EN
[54] **CHIMERIC ANTI-CEA ANTIBODY**
[54] **ANTICORPS ANTI-ANTIGENE CARCINO-EMBRYONNAIRE CHIMERIQUE**
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[72] Riggs, Arthur D., US
[72] Neumaier, Michael, DE
[73] City of Hope, US
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[86] 1990-07-19 (PCT/US90/04049)
[87] (WO91/01990)
[30] US (385,102) 1989-07-26

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[51] Int.Cl. 5B42F 15/00
[25] EN
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RENFORT, POUR DOSSIER SUSPENDU
[72] Hawes, Robert E., Jr., US
[72] Dellacroce, Cheryl, US
[72] Aaldenberg, Eric, US
[72] Lynch, James J., US
[73] Esselte Pendaflex Corporation, US
[22] 1991-02-20
[30] US (483,094) 1990-02-21

[11] 2,038,659
[13] C

[51] Int.Cl. 5H01R 17/04
[25] EN
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[54] MANCHON EJECTEUR LIMITANT
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[72] DeBartolo, Joseph V., Jr., US
[73] HUBBELL INCORPORATED, US
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[30] US (07/505,594) 1990-04-06

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[54] INTERFEROMETRE A DEUX
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[72] Yoshikawa, Osamu, JP
[73] Shimadzu Corporation, JP
[22] 1991-03-22
[30] JP (261576/1990) 1990-09-29
[30] JP (339548/1990) 1990-11-30

[11] 2,039,266
[13] C

[51] Int.Cl. 5D01D 5/08 5D01F 6/90
[25] EN
[54] PROCESS FOR MODIFYING
POLYAMIDE DYEABILITY USING CO-
FED POLYAMIDE FLAKE
[54] PROCEDE DE MODIFICATION DE
L'APTITUDE A LA TEINTURE D'UN
POLYAMIDE PAR L'AJOUT
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[72] Rao, Sundar M., US
[73] E.I. DU PONT DE NEMOURS AND
COMPANY, US
[22] 1991-03-27
[30] US (511,178) 1990-04-17

[11] 2,039,269
[13] C

[51] Int.Cl. 5C07C 17/20 5C07C 19/08
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[54] PROCEDE CHIMIQUE
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[72] Steven, Rachel A., GB
[73] IMPERIAL CHEMICAL INDUSTRIES
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[22] 1991-03-27
[30] GB (9007029.3) 1990-03-29

[11] 2,039,918
[13] C

[51] Int.Cl. 5A01N 65/00
[25] EN
[54] NOVEL PESTICIDAL
COMPOSITIONS DERIVED FROM
NEEM OIL AND NEEM WAX
FRACTIONS
[54] COMPOSITIONS PESTICIDES
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MARGOUSIER ET DE FRACTIONS DE
CIRES DE MARGOUSIER NOUVEAU
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[72] Locke, James Charles, US
[72] Larew, Hiram Gordon, III, US
[73] Thermo Trilogy Corporation, US
[73] The United States of America as
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[30] US (637,027) 1991-01-03

[11] 2,039,944
[13] C

[51] Int.Cl. 5C23C 4/02 5C23C 4/12
[25] EN
[54] HIGH SPEED FLAME SPRAYING
PROCESS HAVING PARTICLE
VELOCITY OF AT LEAST 300 M/S
[54] PROCEDE DE PROJECTION A
GRANDE VITESSE D'UNE FLAMME
AYANT UNE VELOCITE
DE PARTICULE D'AU MOINS 300 M/S
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[72] Koromzay, Tibor, CH
[73] Asea Brown Boveri Ltd., CH
[22] 1991-04-08
[30] CH (1237/90-0) 1990-04-11

[11] 2,040,153
[13] C

[51] Int.Cl. 5B01F 7/00
[25] EN
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[54] MELANGEUR-MALAXEUR A
FONCTIONNEMENT CONTINU
[72] Schwenk, Walther, CH
[72] List, Jörg, CH
[72] Dötsch, Winfried, CH
[72] Leichti, Pierre, CH
[73] List AG, CH
[22] 1991-04-10
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[11] 2,040,493
[13] C

[51] Int.Cl. 5H01R 23/10 5H01R 13/26
[25] EN
[54] ELECTRIC CONNECTOR
TERMINAL, PRIMARILY A SO-
CALLED ISDN-PLUG, AND A METHOD
OF MANUFACTURING CONTACT
STRIPS THEREFOR
[54] BORNE DE CONNEXION,
PRINCIPALEMENT UNE PRISE RNIS,
ET METHODE DE FABRICATION DE
BANDES DE CONTACT CONNEXE
[72] Kjeldahl, Poul, DK
[73] CEKAN/CDT A/S, DK
[22] 1991-04-15

[11] 2,040,814
[13] C

[51] Int.Cl. 5H05B 6/06 5H05B 6/10
5H05B 6/40
[25] EN
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FOR USE IN ALTERNATING
MAGNETIC FIELD
[54] ARTICLE DE CHAUFFAGE
AMOVIBLE POUR CHAMP
MAGNETIQUE ALTERNATIF
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[72] Fenton, Ernest R., US
[73] Metcal, Inc., US
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[13] C

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[25] EN
[54] **DURABLE LOW-EMISSIVITY THIN FILM INTERFERENCE FILTER**
[54] **FILTRE A COUCHES MINCES A FAIBLE EMISSIVITE DURABLE**
[72] Wolfe, Jesse D., US
[73] THE BOC GROUP, INC., US
[22] 1991-04-23
[30] US (07/522,266) 1990-05-10

[11] **2,041,645**
[13] C

[51] **Int.Cl. 5B60N 2/52**
[25] EN
[54] **CAR SEAT**
[54] **SIEGE DE VOITURE**
[72] Pietsch, Helge, DE
[73] GEBR. ISRINGHAUSEN, DE
[85] 1991-05-13
[86] 1990-09-06 (PCT/EP90/01491)
[87] (WO91/04168)
[30] DE (P 39 30 612.7) 1989-09-13

[11] **2,041,749**
[13] C

[51] **Int.Cl. 5A47F 1/14**
[25] EN
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[54] **PLATEAUX GERBABLES**
[72] Vardaro, Antonio, CA
[73] Vardaro, Antonio, CA
[22] 1991-05-02

[11] **2,042,076**
[13] C

[51] **Int.Cl. 5B61D 3/10 5B61G 5/02**
[25] EN
[54] **LOCKING ASSEMBLY TO SECURE A BEARING ASSEMBLY IN AN ARTICULATED COUPLING APPARATUS FOR CONNECTING ADJACENT ENDS OF A PAIR OF RAILWAY CARS**
[54] **DISPOSITIF DE FIXATION D'UN ENSEMBLE SUPPORT A UN ATTELAGE ARTICULE REUNISSANT DES WAGONS FERROVIAIRES**
[72] Kanjo, Wajih, US
[72] Hawryszkow, Michael G., US
[72] Wallace, William D., US
[72] Lynch, Edward G., US
[72] Daugherty, David W., Jr., US
[73] SARGENT INDUSTRIES, INC., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
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[30] US (521,860) 1990-05-08

[11] **2,042,753**
[13] C

[51] **Int.Cl. 5B66B 5/16**
[25] EN
[54] **ELEVATOR SAFETY**
[54] **FREIN DE SURETE POUR ASCENSEUR**
[72] Ericson, Richard J., US
[72] Sheridan, William, US
[73] Otis Elevator Company, US
[22] 1991-05-16
[30] US (07/562,364) 1990-08-03

[11] **2,043,846**
[13] C

[51] **Int.Cl. 5C07C 5/333 5C07C 9/15**
[25] EN
[54] **PROCESS FOR DEHYDROGENATION OF PARAFFIN**
[54] **PROCEDE DE DESHYDROGENATION DE LA PARAFFINE**
[72] Dyroff, David R., US
[73] Huntsman Specialty Chemicals Corporation, US
[22] 1991-06-04
[30] US (533,323) 1990-06-05

[11] **2,043,893**
[13] C

[51] **Int.Cl. 5B60C 5/00 5B60C 11/00**
[25] EN
[54] **HEAVY DUTY TIRE WITH REDUCED SHOULDER WEAR AND IMPROVED WANDERING PERFORMANCE**
[54] **PNEUMATIQUE POUR POIDS LOURDS OFFRANT UNE PLUS GRANDE RESISTANCE A L'USURE AUX EPAULES ET UNE MEILLEURE STABILITE ROUTIERE**
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[72] Yamahira, Atsushi, JP
[73] Sumitomo Rubber Industries Limited, JP
[22] 1991-06-05
[30] JP (2-158199) 1990-06-15
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[11] **2,044,910**
[13] C

[51] **Int.Cl. 5H03K 17/945 5F16K 31/02 5H03K 17/78**
[25] EN
[54] **METHOD FOR OPERATING A CIRCUIT ARRANGEMENT FOR A SANITARY FITTING**
[54] **METHODE DE COMMANDE DE CIRCUIT DE CONTROLE D'APPAREIL SANITAIRE**
[72] Kunkel, Horst K., DE
[73] Hansa Metallwerke AG, DE
[22] 1991-06-18
[30] DE (P 40 19 927.4) 1990-06-22

[11] **2,046,196**
[13] C

[51] **Int.Cl. 5E01B 29/06**
[25] EN
[54] **TIE EXCHANGE MACHINE**
[54] **MACHINE A SUBSTITUER LES TRAVERSES**
[72] Theurer, Josef, AT
[72] Worgotter, Herbert, AT
[73] FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., AT
[22] 1991-07-04
[30] AT (A 1744/90) 1990-08-24

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[13] C
[51] **Int.Cl. 5C10G 25/00**
[25] EN
[54] **ISOMERIZATION OF WAXY LUBE OILS AND PETROLEUM WAXES USING A SILICOALUMINOPHOSPHATE MOLECULAR SIEVE CATALYST**
[54] **ISOMERISATION D'HUILES LUBRIFIANTES A BASE PARAFFINIQUE ET DE CIRES DE PETROLE AU MOYEN D'UN CATALYSEUR A TAMIS MOLECULAIRE DE SILICOALUMINOPHOSPHATE**
[72] Miller, Stephen J., US
[73] Chevron Research and Technology Company, US
[85] 1991-08-07
[86] 1990-02-20 (PCT/US90/00814)
[87] (WO90/09363)
[30] US (311,969) 1989-02-17

[11] **2,047,943**
[13] C
[51] **Int.Cl. 5A61M 1/34**
[25] EN
[54] **LEUCOCYTE DEPLETING FILTER DEVICE AND METHOD OF USE**
[54] **FILTRE POUR LA DEPLETION LEUCOCYTAIRE ET MODE D'UTILISATION**
[72] Gsell, Thomas C., US
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[72] Longley, Ross E., US
[73] HARBOR BRANCH OCEANOGRAPHIC INSTITUTION, INC., US
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[25] EN
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[73] PC TEL, INC., US
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[73] Wisconsin Alumni Research Foundation, US
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[73] Griffin Corporation, US
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[25] EN
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[72] Shen, Paul, US
[72] Krause, Edward A., US
[73] GENERAL INSTRUMENT CORPORATION, US
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[13] C

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OF ETHOXYLATED LAURYL
ALCOHOL**
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WAFER HAVING A RECONSTRUCTED
ATOMIC-LEVEL STEPPED SURFACE
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HYDROGEN EMBRITTLEMENT AND
FATIGUE**
[54] **ACIER A RESSORT PRESENTANT
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[72] Nakayama, Takenori, JP
[72] Iwata, Takashi, JP
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[72] Yamamoto, Yoshinori, JP
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[54] **METHODE DE SEPARATION DES GAZ CONTENUS DANS LES FLUIDES DE FORAGE RECUPERES AU COURS D'OPERATIONS DE FORAGE HORIZONTAL ASSISTE SOUS PRESSION SUBHYDROSTATIQUE**
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[73] **NORHLAND ENERGY CORPORATION, CA**
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[54] **METHODE ET APPAREIL POUR EVALUER LA DERIVE DE FREQUENCE D'UN RECEPTEUR COHERENT**
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[72] Herchenbach, Paul, DE
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[54] **PROCEDE ET APPAREIL DESTINES A LA MESURE EN LIGNE DU DEVELOPPEMENT DE LA SURFACE DE FIBRES DE PATE A PAPIER**

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[72] Jack, J. Stewart, CA
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[73] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA

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[73] WATKINS MANUFACTURING CORPORATION, US

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[54] **ACTIONNEUR PNEUMATIQUE AVEC DISPOSITIF DE COMMANDE MONTE EN EXTREMITE**

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[72] MILLER, Larry, US
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[54] **DISTRIBUTEUR
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[54] **TELEPHONE POUR HANDICAPE
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[72] TYSZKIEWICZ, Gary R., US
[72] DiCOSMO, Robert S., US
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PREPARED IN THE PRESENCE OF
FULLY HYDROLYZED POLY (VINYL
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[54] **EMULSIONS D'ACRYLIQUE
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[54] **RECIPIENT A LIT RADIAL POUR
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[72] BERGSTEN, Victor Emmanuel, US
[72] FASSBAUGH, John Harry, US
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[72] SMOLAREK, James, US
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METHOD FOR MAKING THE SAME**
[54] **FILS D'ACIER DE RESISTANCE ET
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[72] IBARAKI, Nobuhiko, JP
[72] MINAMIDA, Takaaki, JP
[72] KAISO, Masato, JP
[72] MAKII, Koichi, JP
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[25] EN
[54] **METHOD AND APPARATUS FOR
FAST PILOT CHANNEL ACQUISITION
USING A MATCHED FILTER IN A
CDMA RADIOTELEPHONE**
[54] **METHODE ET DISPOSITIF
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[73] MOTOROLA, INC., US
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[54] **ENSEMBLE AIGUILLE
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VERROUILLABLE**
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[73] Celox Laboratories, Inc., US
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[54] **METHODE ET APPAREIL PERMETTANT LA REUTILISATION D'UNE LARGEUR DE BANDE DE RESEAU DE COMMUNICATION**
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[73] AT&T CORP., US
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[54] **METHODE D'OPERATION D'UN MODEM LORSQU'IL Y A UNE TONALITE INTERROMPUE**
[72] TRAN, To Van, CA
[73] MITEL CORPORATION, CA
[22] 1997-11-12

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[13] C
[51] **Int.Cl. 6C23F 11/08**
[25] EN
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[54] **DOPAGE OU ENDUCTION IN SITU DE SURFACES D'ACIER INOXYDABLE AVEC DU PALLADIUM**
[72] HETTIARACHCHI, Samson, US
[73] GENERAL ELECTRIC COMPANY, US
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[13] C
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[25] EN
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[54] **UTILISATION D'ACTIVATEURS DE PLASMINOGENE POUR L'OSTEOGENESE LOCALE**
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[72] KLING, Lothar, DE
[72] HONOLD, Konrad, DE
[72] LESER, Ulrike, DE
[73] ROCHE DIAGNOSTICS GMBH, DE
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[54] **BLOC DE CONTACT FIXE PAR ENCLIQUETAGE**
[72] CLARK, Aaron P., US
[72] KLEINERT, Raymond J., US
[72] AUSTIN, Micheal M., US
[72] RUTH, Barbara A., US
[73] MOTOROLA, INC., US
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[73] Aero-Kit Industries Inc., CA
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[25] EN
[54] **CONTROL OF VEHICULAR SYSTEMS IN RESPONSE TO ANTICIPATED CONDITIONS PREDICTED USING PREDETERMINED GEO-REFERENCED MAPS**
[54] **SYSTEMES DE BORD EN FONCTION DE CONDITIONS ANTICIPEES BASEES SUR DES CARTES CONTENANT DES REFERENCES GEOGRAPHIQUES PREDETERMINEES**
[72] ORSBORN, Jesse H., US
[72] SALZMAN, Gerald E., US
[72] FAIVRE, Stephen M., US
[72] WATT, John D., US
[72] MORROW, James G., US
[72] VOGEL, Peter J., US
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[73] CASE CORPORATION, US
[22] 1998-06-09
[30] US (08/892,789) 1997-07-15

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[73] ALBANY INTERNATIONAL CORP., US
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[13] C

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[25] EN
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[22] 1998-11-24

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[13] C

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[25] EN
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[54] **METHODE D'EXPLOITATION D'UN GROUPE FRIGORIFIQUE DE TRANSPORT**
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[73] Thermo King Corporation, US
[22] 1992-07-10
[62] 2,073,612
[30] US (728,465) 1991-07-11

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[13] C

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[25] EN
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[54] **PALIER A AJUSTEMENT AUTOMATIQUE**
[72] BROUWER, DOUGLAS J., US
[73] KOHLER CO., US
[22] 1995-09-01
[62] 2,175,560
[30] US (08/300,027) 1994-09-02

[11] **1,341,159**
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[51] **Int.Cl. 6C07D 207/28 6C07D 403/00 6C07D 401/00 6A61K 31/4015**
[25] EN
[54] **PURE ENANTIOMERS OF 4,5-DISUBSTITUTED Y-BUTYROLACTAMS, PROCESS FOR THEIR PREPARATION, AND THEIR USE**
[54] **ENANTIOMERES PURES DE Y-BUTYROLACTAMS 4,5-DISUBSTITUES, PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] Hartwig, Wolfgang, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[73] CHINESE ACADEMY OF MEDICAL SCIENCES, CN
[21] **537,333**
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[11] **1,341,160**
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[51] **Int.Cl. 6C12N 15/27 6C12N 15/66 6C12N 1/21 6C12N 1/19 6A61K 38/19 6A61K 48/00 6A61P 35/00**
[25] EN
[54] **BOVINE GRANULOCYTE-MACROPHAGE COLONY STIMULATING FACTOR**
[54] **FACTEUR STIMULANT LES COLONIES DE GRANULOCYTES ET DE MACROPHAGE DE BOVIN**
[72] Baker, Paul E., US
[72] Cerretti, Douglas P., US
[72] Clevenger, William R., US
[72] Cosman, David J., US
[72] Maliszewski, Charles R., US
[73] IMMUNEX CORPORATION, US
[21] **570,384**
[22] 1988-06-24
[30] US (066,901) 1987-06-25

[11] **1,341,161**
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[51] **Int.Cl. 6C07D 401/04 6C07D 471/04 6A61K 31/4709 6A61K 31/4375**
[25] EN
[54] **QUINOLONE- AND NAPHTHYRIDONE CARBOXYLIC ACID DERIVATIVES, PROCESS FOR THEIR PRODUCTION, ANTIBACTERIAL COMPOSITIONS AND FEED ADDITIVES CONTAINING THEM**
[54] **DERIVES D'ACIDE CARBOXYLIQUE DE QUINOLONE ET DE NAPHTHYRIDANE, PROCEDE DE PREPARATION, COMPOSITIONS ANTIBACTERIENNES ET ADDITIFS D'ALIMENTATION COMPRENANT LE DERIVE**
[72] Petersen, Uwe, DE
[72] Schenke, Thomas, DE
[72] Grohe, Klaus, DE
[72] Schriewer, Michael, DE
[72] Haller, Ingo, DE
[72] Metzger, Karl Georg, DE
[72] Endermann, Rainer, DE
[72] Zeiler, Hans-Joachim, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[21] **590,013**
[22] 1989-02-03
[30] DE (P 38 03 478.6) 1988-02-05
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[51] **Int.Cl. 6C07D 275/06 6C07D 417/12 6C07D 417/14 6A61K 31/428**

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[72] Junge, Bodo, DE

[72] Schohe, Rudolf, DE

[72] Seidel, Peter-Ridolf, DE

[72] Glaser, Thomas, DE

[72] Traber, Jorg, DE

[72] Benz, Ulrich, DE

[72] Schuurman, Teunis, DE

[72] De Vry, Jean-Marie Victor, DE

[73] BAYER AKTIENGESELLSCHAFT,

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[30] DE (P 39 01 814.8) 1989-01-23

[11] **1,341,163**
[13] C

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[51] **Int.Cl. 6C07D 213/62 6C07D 215/26 6C07D 277/74 6A01N 43/40 6A01N 43/48**

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[54] **OXIME ETHER DERIVATIVES, THEIR PREPARATION AND FUNGICIDES CONTAINING THESE DERIVATIVES**

[54] DERIVES ETHER-OXIME, LEURS PREPARATION ET FUNGICIDES CONTENANT CES DERIVES

[72] Wenderoth, Bernd, DE

[72] Brand, Siegbert, DE

[72] Schuetz, Franz, DE

[72] Kuekenhoehner, Thomas, DE

[72] Roehl, Franz, DE

[72] Ammermann, Eberhard, DE

[72] Lorenz, Gisela, DE

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[11] **1,641,164**
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[51] **Int.Cl. 6C07D 249/08 6A01N 43/653**

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[54] **1-HYDROXYETHYL-AZOLE DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS PLANT GROWTH REGULATORS AND FUNGICIDES**

[54] DERIVES DE 1-HYDROXYETHYL-AZOLE, PROCEDE POUR LEUR PREPARATION ET LEUR UTILISATION EN TANT QUE REGULATEURS DE CROISSANCE DES PLANTES ET FUNGICIDES

[72] Holmwood, Graham, DE

[72] Buchel, Karl Heinz, DE

[72] Lurssen, Klauss, DE

[72] Frohberger, Paul-Ernst, DE

[72] Brandes, Wilhelm, DE

[73] BAYER AKTIENGESELLSCHAFT,

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[22] 1981-05-15

[30] DE (P 30 18 866.0) 1980-05-16

[30] DE (P 31 06 076.5) 1981-02-19

[11] **2,001,215**
[13] C

[51] **Int.Cl. 5G06F 15/31**

[25] EN

[54] **A METHOD OF STORAGE AND RETRIEVAL OF DIGITAL MAP DATA BASED UPON A TESSELLATED GEOID SYSTEM**

[54] **METHODE DE STOCKAGE ET D'EXTRACTION DE DONNEES**

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[72] Dawson, John F., US

[72] Ronish, Edward W., US

[73] HONEYWELL INC., US

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[11] **2,001,442**
[13] C

[51] **Int.Cl. 5G01L 9/04**

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[54] **PRESSURE SENSOR USABLE IN OIL WELLS**

[54] CAPTEUR DE PRESSIONS UTILISABLE DANS LES FRUITS DE PETROLE

[72] Petitjean, Luc, FR

[72] Valdois, Michel, FR

[73] SCHLUMBERGER CANADA

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[11] **2,001,572**
[13] C

[51] **Int.Cl. 5A61K 31/135**

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[54] COMPOSES POUR LE TRAITEMENT DES SYMPTOMES DE SEVRAGE DU TABAC

[72] Wurtman, Richard J., US

[72] Wurtman, Judith J., US

[72] Spring, Bonnie, US

[73] MASSACHUSETTS INSTITUTE OF

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[30] US (262,625) 1988-10-26

[11] **2,002,397**
[13] C

[51] **Int.Cl. 5A45F 3/02 5B60R 9/12**

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[54] **MULTI-PURPOSE CARRIER FOR SKIS AND THE LIKE**

[54] MONTURE POLYVALENTE PORTE-SKIS, PORTE-BAGAGES ET PORTE-CHARGES ANALOGUES

[72] Mule, Ethel, CA

[72] Mule, Charles, CA

[73] Mule, Ethel, CA

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[72] Gay, George C., US
[73] EASTMAN KODAK COMPANY, US
[22] 1989-11-14
[30] US (273,765) 1988-11-21

[11] **2,007,336**
[13] C

[51] **Int.Cl. 5G01N 33/577**
[25] EN
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[54] **TEST DE DIAGNOSTIC FAIT AU MOYEN D'ANTICORPS CHIMERIQUES**
[72] Kaluza, Brigitte, DE
[72] Lenz, Helmut, DE
[73] ROCHE DIAGNOSTICS GMBH, DE
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[30] DE (P 39 00 534.8) 1989-01-10

[11] **2,007,530**
[13] C

[51] **Int.Cl. 5C07C 51/62 5C07C 63/68**
[25] EN
[54] **PREPARATION OF 2-CHLOROTEREPHTHALOYL CHLORIDE**
[54] **METHODE DE PREPARATION DE DICHLORURE DE 2-CHLOROTEREPHTALOYLE**
[72] Seagraves, Robert L., US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[22] 1990-01-10
[30] US (295,802) 1989-01-10

[11] **2,009,604**
[13] C

[51] **Int.Cl. 5C07D 261/08 5C07D 333/24 5C07D 307/68**
[25] EN
[54] **DIARYL-SUBSTITUTED HETEROCYCLIC COMPOUNDS, THEIR PREPARATION AND DRUGS AND COSMETICS OBTAINED THEREFROM**
[54] **COMPOSES HETEROCYCLIQUES DIARYL-SUBSTITUES, LEUR PREPARATION ET MEDICAMENTS ET COSMETIQUES LES CONTENANT**
[72] Wuest, Hans-Heiner, DE
[72] Janssen, Bernd, DE
[72] Murray, William V., US
[72] Wachter, Michael P., US
[72] Bell, Stanley, US
[73] BASF AKTIENGESELLSCHAFT, DE
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[11] **2,012,314**
[13] C

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[73] VANTICO AG, CH
[22] 1990-03-15
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[54] **FENETRE CHAUFFANTE**
[54] **HEATING WINDOW**
[72] Brechot, Roland, FR
[72] Fremaux, Jacques, FR
[73] Acome, Société Coopérative des Travailleurs, FR
[73] SAINT-GOBAIN VITRAGE INTERNATIONAL, FR
[22] 1990-03-22
[30] FR (89 03809) 1989-03-23

[11] **2,013,166**
[13] C

[51] **Int.Cl. 5A61K 31/59**
[25] EN
[54] **SUPPRESSION OF PARATHYROID HORMONE SYNTHESIS AND SECRETION**
[54] **SUPPRESSION DE LA SYNTHÈSE ET DE LA SECRETION DE L'HORMONE PARATHYROÏDE**
[72] Slatopolsky, Eduardo, US
[73] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[22] 1990-03-27
[30] US (329,606) 1989-03-28

[11] **2,013,449**
[13] C

[51] **Int.Cl. 5C07D 471/04 5C07D 487/04 5C07D 498/04 5A61K 31/395 5C07D 215/56**
[25] EN
[54] **ANTIBACTERIAL 5-ALKYLQUINOLONECARBOXYLIC ACIDS**
[54] **ACIDES 5-ALKYLQUINOLONE CARBOXYLIQUES ANTIBACTERIENS**
[72] Endermann, Rainer, DE
[72] Metzger, Karl G., DE
[72] Haller, Ingo, DE
[72] Schenke, Thomas, DE
[72] Petersen, Uwe, DE
[72] Krebs, Andreas, DE
[72] Grohe, Klaus, DE
[72] Schriewer, Michael, DE
[72] Zeiler, Hans-Joachim, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
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[30] DE (P 39 10 663.2) 1989-04-03

[11] **2,013,852**
[13] C

[51] **Int.Cl. 5D06M 15/41**
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[54] **PAPER MACHINE PRESSING FABRICS**
[54] **TOILES DE PRESSAGE POUR MACHINES A PAPIER**
[72] Normandin, Lionel, US
[73] ALBANY INTERNATIONAL CORP., US
[22] 1990-04-04
[30] US (337,627) 1989-04-13

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[13] C
[51] **Int.Cl. 5B05D 1/10 5C23C 4/04 5C09D 5/46**
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[54] **METHOD OF COATING SURFACES**
[54] **METHODE DE REVETEMENT DE SURFACES**
[72] Schobesberger, Manfred, AT
[72] Weinrotter, Klaus, AT
[72] Bieringer, Heimo, AT
[73] LENZING AKTIENGESELLSCHAFT, AT
[22] 1990-04-24
[30] AT (A 1055/89) 1989-05-03

[11] **2,016,055**
[13] C
[51] **Int.Cl. 5G11B 19/02 5G11B 7/00**
[25] EN
[54] **INFORMATION RECORDING SYSTEM, AND RECORDING DEVICE AND RECORD CARRIER FOR USE IN SUCH AN INFORMATION RECORDING SYSTEM**
[54] **SYSTEME D'ENREGISTREMENT D'INFORMATION ET DISPOSITIF ET SUPPORT D'ENREGISTREMENT UTILISES DANS CE SYSTEME**
[72] Roth, Rudolf, NL
[72] Van Der Zande, Paulus Christianus Maria, NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[30] NL (8901145) 1989-05-08

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[51] **Int.Cl. 5C07D 209/48 5A01N 43/38**
[25] EN
[54] **HERBICIDAL 3-(3,4,5,6-TETRAHYDROPHTHALIMIDO)-CINNAMIC ESTERS**
[54] **ESTERS DE L'ACIDE CINNAMIQUE RENFERMANT LE GROUPE 3,4,5,6-TETRAHYDROPHTHALIMIDO, HERBICIDES**
[72] Wuerzer, Bruno, DE
[72] Westphalen, Karl-Otto, DE
[72] Eicken, Karl, DE
[72] Rueb, Lothar, DE
[73] BASF AKTIENGESELLSCHAFT, DE
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[30] DE (P 39 17 676.2) 1989-05-31
[30] DE (P 39 31 615.7) 1989-09-22

[11] **2,017,556**
[13] C
[51] **Int.Cl. 5D21H 13/26**
[25] EN
[54] **THIN, RESIN-SATURABLE AROMATIC POLYAMIDE PAPER AND PROCESS FOR MAKING SAME**
[54] **PAPIER MINCE A BASE DE POLYAMIDE AROMATIQUE SATURABLE AUX RESINES ET PROCEDE DE FABRICATION**
[72] Sullivan, William J., US
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US
[22] 1990-05-25
[30] US (357,142) 1989-05-26
[30] US (487,467) 1990-03-02

[11] **2,017,850**
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[51] **Int.Cl. 5G12B 9/02**
[25] EN
[54] **ELECTRICAL CONTROL MODULE FOR MOBILE STORAGE APPARATUS**
[54] **MOULE DE COMMANDE ELECTRIQUE POUR APPAREIL DE STOCKAGE MOBILE**
[72] Dahnert, Dean L., US
[72] Runge, Marvin L., US
[73] Spacesaver Corporation, US
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[30] US (484,259) 1990-02-26

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[25] EN
[54] **NITROGEN-CONTAINING TITANOCENES, AND THE USE THEREOF**
[54] **TITANOCENES RENFERMANT DE L'AZOTE; LEUR UTILISATION**
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[72] Steiner, Eginhard, CH
[72] Husler, Rinaldo, CH
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
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[30] CH (2075/89-0) 1989-06-01

[11] **2,018,163**
[13] C
[51] **Int.Cl. 5D04D 7/10**
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[54] **ELEMENT DECORATIF PLIABLE**
[72] Eliason, Rebecca S., US
[73] AMERICAN GREETINGS CORPORATION, US
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[30] US (07/360,324) 1989-06-02

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[51] **Int.Cl. 5G01N 33/72 5G01N 33/546**
[25] EN
[54] **ANALYTICAL ASSAYS BY NONCENTRIFUGAL AND NONCAPILLARY MANIPULATIONS**
[54] **ESSAIS ANALYTIQUES PAR MANIPULATIONS SANS CENTRIFUGATION ET SANS RECOURIR A LA CAPILLARITE**
[72] Messenger, Lowry J., US
[72] Nelson, Christine D., US
[72] Wogoman, Frank W., US
[72] Yip, Kin-Fai, US
[73] BAYER CORPORATION, US
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[30] US (378,039) 1989-07-11

[11] **2,019,218**
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[51] **Int.Cl. 5C07F 15/02 6C07K 17/00 5C12N 5/06 5C12N 5/08 6C07K 1/14 5A61K 47/48**
[25] EN
[54] **MAGNETIC PROTEIN CONJUGATES, A PROCESS FOR THE PREPARATION THEREOF AND THE USE THEREOF**
[54] **CONJUGATS DE PROTEINE MAGNETIQUES, PROCEDE DE PREPARATION ET UTILISATION**
[72] Hermentin, Peter, DE
[72] Donges, Reiner, DE
[72] Franssen, Udo, DE
[72] Enssle, Karlheinz, DE
[72] Friesen, Heinz-Jürgen, DE
[73] DADE BEHRING MARBURG GMBH, DE
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[25] EN
[54] **AQUEOUS FOAMING COMPOSITION AND METHOD FOR HOMOGENEOUSLY INCORPORATING WATER INTO LIPOPHILIC MATERIALS**
[54] **COMPOSE AQUEUX MOUSSANT ET METHODE POUR INCORPORER DE FACON HOMOGENE DE L'EAU DANS DES MATIERES LIPOPHILES**
[72] **Giddey, Claude, CH**
[72] **Dove, Georges, CH**
[73] **Battelle Memorial Institute, CH**
[22] 1990-06-27
[30] **CH (2461/89-4) 1989-07-03**

[11] **2,020,014**
[13] C

[51] **Int.Cl. 5C08F 8/04**
[25] EN
[54] **HYDROGENATION OF UNSATURATED POLYMERS CONTAINING NITRILE GROUPS**
[54] **HYDROGENATION DE POLYMERES INSATURES CONTENANT DES GROUPES NITRILES**
[72] **Thörmer, Joachim, DE**
[72] **Buding, Hartmuth, DE**
[72] **Himmler, Thomas, DE**
[72] **Fiedler, Paul C., DE**
[72] **Hohn, Johann, DE**
[72] **Nolte, Wilfried, DE**
[73] **BAYER AKTIENGESELLSCHAFT, DE**
[22] 1990-06-27
[30] **DE (P 39 21 264.5) 1989-06-29**

[11] **2,021,901**
[13] C

[51] **Int.Cl. 5A61F 9/04**
[25] EN
[54] **EYEGLASSES FOR USE IN THE TREATMENT/DIAGNOSIS OF CERTAIN MALFUNCTIONS OF THE EYE**
[54] **LUNETTES UTILISABLES POUR LE TRAITEMENT/DIAGNOSTIC DE CERTAINS TROUBLES OCULAIRES**
[72] **Hussey, Eric S., US**
[73] **Hussey, Eric S., US**
[22] 1990-07-24
[30] **US (385,655) 1989-07-27**

[11] **2,022,069**
[13] C

[51] **Int.Cl. 5A61B 17/34**
[25] EN
[54] **TROCAR PENETRATION DEPTH INDICATOR AND GUIDE TUBE POSITIONING DEVICE**
[54] **INDICATEUR DE PROFONDEUR DE PENETRATION D'UN TROCART ET DISPOSITIF POUR LE POSITIONNEMENT DU TUBE-GUIDE**
[72] **Shichman, Daniel, US**
[73] **UNITED STATES SURGICAL CORPORATION, US**
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[30] **US (394,198) 1989-08-15**
[30] **US (489,482) 1990-03-06**

[11] **2,022,439**
[13] C

[51] **Int.Cl. 5F02K 1/62**
[25] FR
[54] **INVERSEUR DE POUSSEE DE TURBOREACTEUR, A PORTES ASSOCIEES A UN PANNEAU AMONT**
[54] **TURBOJET ENGINE THRUST REVERSER WITH FLAPS RELATED TO AN UPSTREAM PANEL**
[72] **Lore, Xavier Raymond Yves, FR**
[73] **Lore, Xavier Raymond Yves, FR**
[73] **Hispano-Suiza (Société Anonyme Dite), FR**
[22] 1990-08-01
[30] **FR (89 11006) 1989-08-18**

[11] **2,022,977**
[13] C

[51] **Int.Cl. 5B29C 47/06 5B29C 55/04 5C08F 210/08**
[25] EN
[54] **THERMOPLASTIC MULTI-LAYER PACKAGING FILM AND BAGS MADE THEREFROM HAVING TWO LAYERS OF VERY LOW DENSITY POLYETHYLENE**
[54] **PELLICULE D'EMBALLAGE THERMOPLASTIQUE MULTI- COUCHES; SACS OBTENUS A L'AIDE DE LADITE PELLICULE CONSTITUEE DE DEUX COUCHES DE POLYETHYLENE DE TRES FAIBLE DENSITE**
[72] **Ferguson, Daniel J., US**
[73] **CRYOVAC, INC., US**
[22] 1990-08-09
[30] **US (529,041) 1990-05-25**

[11] **2,023,295**
[13] C

[51] **Int.Cl. 5C08J 9/36 5C08J 7/12 5C08J 9/40 5B01D 71/68**
[25] EN
[54] **METHOD OF MANUFACTURING A SURFACE LAYER MODIFIED, MOLDED ARTICLE OF AROMATIC POLYMER AND THE ARTICLE SO PRODUCED**
[54] **METHODE DE FABRICATION D'UN ARTICLE MOULE, EN POLYMERE AROMATIQUE, A COUCHE SUPERFICIELLE MODIFIEE**
[72] **Kutowy, Oleh, CA**
[72] **Tremblay André Y., CA**
[73] **HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY THE NATIONA, CA**
[22] 1990-08-15

[11] **2,024,696**
[13] C

[51] **Int.Cl. 5A61J 15/00**
[25] EN
[54] **MEDICAL DEVICE IMPROVEMENTS FOR ENTERAL FEEDING**
[54] **AMELIORATION DES DISPOSITIFS POUR L'ALIMENTATION PAR SONDE**
[72] **Clegg, Robert Donald, US**
[72] **Iversen, Kent Elwood, US**
[72] **Coules, Ronald Albert, US**
[72] **Schneider, Patricia Ann, US**
[72] **Osborne, Robert Scott, US**
[73] **ABBOTT LABORATORIES, US**
[22] 1990-09-05
[30] **US (404,940) 1989-09-07**

[11] **2,024,868**
[13] C

[51] **Int.Cl. 5H04N 7/16**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING DEMOGRAPHICALLY TARGETED TELEVISION COMMERCIALS**
[54] **METHODE ET APPAREIL DE DIFFUSION DEMOGRAPHIQUE D'ANNONCES DE TELEVISION**
[72] **Wachob, David E., US**
[73] **GENERAL INSTRUMENT CORPORATION, US**
[22] 1990-09-07
[30] **US (07/425,117) 1989-10-23**

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[13] C

[51] Int.Cl. 5C12N 15/15 5C12P 21/02
6A61K 38/57
[25] EN
[54] RECOMBINANT APROTININ
VARIANTS GENETICALLY
ENGINEERED PROCESS FOR THE
MICROBIAL PREPARATION OF
HOMGENOUSLY PROCESSED
APROTININ VARIANTS AND THE
THERAPEUTIC USE THEREOF
[54] PROCEDE DE GENIE GENETIQUE
METTANT EN OEUVRE DES ALLELES
DE L'APROTININE RECOMBINANTS
POUR LA PREPARATION A L'AIDE DE
MICROORGANISMES D'ALLELES DE
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[72] Schedel, Michael, DE
[72] Horlein, Dietrich, DE
[72] Ebbers, Jurgen, DE
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[30] DE (P 39 30 522.8) 1989-09-13

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[13] C

[51] Int.Cl. 5H04R 25/00 5H04R 25/02
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[54] TRANSDUCTEUR ELECTRO-
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[72] Yamagishi, Makoto, JP
[73] SONY CORPORATION, JP
[22] 1990-09-28
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[11] 2,026,761
[13] C

[51] Int.Cl. 5C07D 261/18 5C07D 413/04
[25] EN
[54] PREPARATION OF ISOXAZOLE-
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[54] PREPARATION DE DIESTERS
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[72] Theobald, Hans, DE
[72] Goetz, Norbert, DE
[72] Ditrich, Klaus, DE
[72] Steiniger, Michael, DE
[73] BASF AKTIENGESELLSCHAFT, DE
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[30] DE (P 39 32 915.1) 1989-10-03

[11] 2,027,357
[13] C

[51] Int.Cl. 5B01D 15/08 5B01D 59/30
[25] EN
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[54] SEPARATION
CHROMATOGRAPHIQUE
D'ISOTOPES DU ZIRCONIUM
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[72] Snyder, Thomas Stephen, US
[72] Lahoda, Edward Jean, US
[73] WESTINGHOUSE ELECTRIC
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[22] 1990-10-11
[30] US (515,965) 1990-04-27

[11] 2,027,358
[13] C

[51] Int.Cl. 5B01D 59/42 5B01D 59/50
[25] EN
[54] SYSTEM AND METHOD FOR
CONTINUOUS SEPARATION OF
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[54] APPAREIL ET METHODE DE
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[72] Jackovitz, John Franklin, US
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[11] 2,027,593
[13] C

[51] Int.Cl. 5A61K 31/615 5A61K 31/60
[25] FR
[54] COMPOSITION A ACTIVITE
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[54] COMPOSITION WITH
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[72] Covarrubias, Jesús, IT
[73] Nativelle (Société Anonyme), FR
[85] 1990-10-23
[86] 1990-03-06 (PCT/FR90/00149)
[87] (WO90/10447)
[30] FR (89 03 138) 1989-03-10

[11] 2,027,596
[13] C

[51] Int.Cl. 5C08B 37/08 5A61K 33/30
5A61K 31/715
[25] EN
[54] COMPOSITIONS CONTAINING
HYALURONIC ACID COMPLEXES
WITH ZINC OR COBALT
[54] COMPOSITIONS RENFERMANT
DES ACIDES HYALURONIQUE
COMPLEXES CONTENANT DU ZINC
OU DU COBALT
[72] Burger, Kalman, HU
[72] Takacsi Nagy, Geza, HU
[72] Stefko, Béla, HU
[72] Réthey, Ivan, HU
[72] Illés, Janos, HU
[72] Neszmélyi, Erzsébet, HU
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[87] (WO90/10020)
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[30] HU (PCT/HU90/00013) 1990-02-20

[11] 2,027,697
[13] C

[51] Int.Cl. 5C07F 7/18 5C08L 83/05
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[25] EN
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[72] Burnier, Julia S., US
[73] NATIONAL STARCH AND
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[13] C

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[25] EN
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[54] **APPAREIL ET METHODE DE CONTROLE A ENREGISTREMENT D'ELEMENTS ASSEMBLES**
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[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1990-10-17
[30] US (517,568) 1990-05-01

[11] **2,030,195**
[13] C

[51] **Int.Cl. 5C10L 9/08**
[25] EN
[54] **METHOD AND SYSTEM FOR REDUCING THE MOISTURE CONTENT OF SUB-BITUMINOUS COALS AND THE LIKE**
[54] **METHODE ET SYSTEME DE REDUCTION DE LA TENEUR EN HUMIDITE DES CHARBONS SOUS-BITUMINEUX ET SUBSTANCES SIMILAIRES**
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[30] US (07/445,499) 1989-12-04

[11] **2,031,651**
[13] C

[51] **Int.Cl. 5F02C 9/26**
[25] EN
[54] **SPEED STABILIZATION APPARATUS FOR TWO SHAFT GAS TURBINE**
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[72] Saigusa, Athusi, JP
[73] Ebara Corporation, JP
[22] 1990-12-07
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[11] **2,034,662**
[13] C

[51] **Int.Cl. 5B23G 5/00**
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[54] **OUTIL POUR LA REALISATION DU FILETAGE INTERIEUR**
[72] Little, Roger Warren, US
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[22] 1991-01-21
[30] US (07/468,564) 1990-01-23

[11] **2,034,663**
[13] C

[51] **Int.Cl. 5G01P 13/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SEMICONDUCTOR CHIP TRANSDUCER**
[54] **METHODE ET APPAREIL DE FABRICATION DE TRANSDUCTEURS A PUCE DE SEMICONDUCTEUR**
[72] Greiff, Paul, US
[73] Charles Stark Draper Laboratory, Inc. (The), US
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[30] US (07/479,854) 1990-02-14

[11] **2,034,979**
[13] C

[51] **Int.Cl. 5C12N 1/16 5C12P 21/04 6A61K 38/12 6C07K 7/56**
[25] EN
[54] **ANTIBIOTIC, DEOXYMULUNDOCANDIN, A PROCESS FOR ITS PRODUCTION AND ITS USEAS MEDICAMENT**
[54] **PROCEDE DE FABRICATION DE L'ANTIBIOTIQUE DEOXYMULUNDOCANDINE ET UTILISATION DUDIT PRODUIT COMME MEDICAMENT**
[72] Fehlh Haber, Hans-Wolfram, DE
[72] Roy, Kirity, IN
[72] Mukhopadhyay, Triptikumar, IN
[72] Kogler, Herbert, DE
[72] Ganguli, Bimal N., IN
[73] HOECHST AKTIENGESELLSCHAFT, DE
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[11] **2,035,602**
[13] C

[51] **Int.Cl. 5F16L 59/02 5B32B 1/00 5F16L 59/14**
[25] EN
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[54] **PANNEAUX ISOLANTS RIGIDES COMPOSITES A RAINURES EN V**
[72] Holland, David L., US
[72] Nelson, Charles M., US
[72] Miller, Thomas M., US
[72] First, Jay C., US
[73] Mineral Products and Technology, Inc., US
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[30] US (474,938) 1990-02-05

[11] **2,035,807**
[13] C

[51] **Int.Cl. 5C08C 19/06**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF EPOXIDIZED SYNTHETIC CIS-1,4-POLYISOPRENE**
[54] **METHODE DE PREPARATION DE CIS-1,4-POLYISOPRENES SYNTHETIQUES EPOXYDES**
[72] Geiser, Joseph Frank, US
[72] Parker, Dane Kenton, US
[72] Bauer, Richard George, US
[72] Castner, Kenneth Floyd, US
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US
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[30] US (576,913) 1990-09-04

[11] **2,035,899**
[13] C

[51] **Int.Cl. 5C12N 15/13 5C12P 21/02 5C12N 5/10**
[25] EN
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[54] **ANTICORPS ANTI-ANTIGENE CARCINO-EMBRYONNAIRE CHIMERIQUE**
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[72] Riggs, Arthur D., US
[72] Neumaier, Michael, DE
[73] City of Hope, US
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[87] (WO91/01990)
[30] US (385,102) 1989-07-26

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[51] Int.Cl. 5B42F 15/00
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RENFORT, POUR DOSSIER SUSPENDU
[72] Hawes, Robert E., Jr., US
[72] Dellacroce, Cheryl, US
[72] Aaldenberg, Eric, US
[72] Lynch, James J., US
[73] Esselte Pendaflex Corporation, US
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[30] US (483,094) 1990-02-21

[11] 2,038,659
[13] C

[51] Int.Cl. 5H01R 17/04
[25] EN
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[54] MANCHON EJECTEUR LIMITANT
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[72] DeBartolo, Joseph V., Jr., US
[73] HUBBELL INCORPORATED, US
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[54] INTERFEROMETRE A DEUX
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[73] Shimadzu Corporation, JP
[22] 1991-03-22
[30] JP (261576/1990) 1990-09-29
[30] JP (339548/1990) 1990-11-30

[11] 2,039,266
[13] C

[51] Int.Cl. 5D01D 5/08 5D01F 6/90
[25] EN
[54] PROCESS FOR MODIFYING
POLYAMIDE DYEABILITY USING CO-
FED POLYAMIDE FLAKE
[54] PROCEDE DE MODIFICATION DE
L'APTITUDE A LA TEINTURE D'UN
POLYAMIDE PAR L'AJOUT
CONCURRENT DE FLOCONS DU
MEME POLYAMIDE
[72] Rao, Sundar M., US
[73] E.I. DU PONT DE NEMOURS AND
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[11] 2,039,269
[13] C

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[54] PROCEDE CHIMIQUE
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[72] Steven, Rachel A., GB
[73] IMPERIAL CHEMICAL INDUSTRIES
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[22] 1991-03-27
[30] GB (9007029.3) 1990-03-29

[11] 2,039,918
[13] C

[51] Int.Cl. 5A01N 65/00
[25] EN
[54] NOVEL PESTICIDAL
COMPOSITIONS DERIVED FROM
NEEM OIL AND NEEM WAX
FRACTIONS
[54] COMPOSITIONS PESTICIDES
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MARGOUSIER ET DE FRACTIONS DE
CIRES DE MARGOUSIER NOUVEAU
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[72] Locke, James Charles, US
[72] Larew, Hiram Gordon, III, US
[73] Thermo Trilogy Corporation, US
[73] The United States of America as
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[30] US (637,027) 1991-01-03

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[13] C

[51] Int.Cl. 5C23C 4/02 5C23C 4/12
[25] EN
[54] HIGH SPEED FLAME SPRAYING
PROCESS HAVING PARTICLE
VELOCITY OF AT LEAST 300 M/S
[54] PROCEDE DE PROJECTION A
GRANDE VITESSE D'UNE FLAMME
AYANT UNE VELOCITE
DE PARTICULE D'AU MOINS 300 M/S
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[22] 1991-04-08
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[11] 2,040,153
[13] C

[51] Int.Cl. 5B01F 7/00
[25] EN
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[54] MELANGEUR-MALAXEUR A
FONCTIONNEMENT CONTINU
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[72] List, Jörg, CH
[72] Dötsch, Winfried, CH
[72] Leichti, Pierre, CH
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[25] EN
[54] ELECTRIC CONNECTOR
TERMINAL, PRIMARILY A SO-
CALLED ISDN-PLUG, AND A METHOD
OF MANUFACTURING CONTACT
STRIPS THEREFOR
[54] BORNE DE CONNEXION,
PRINCIPALEMENT UNE PRISE RNIS,
ET METHODE DE FABRICATION DE
BANDES DE CONTACT CONNEXE
[72] Kjeldahl, Poul, DK
[73] CEKAN/CDT A/S, DK
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[13] C

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5H05B 6/40
[25] EN
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FOR USE IN ALTERNATING
MAGNETIC FIELD
[54] ARTICLE DE CHAUFFAGE
AMOVIBLE POUR CHAMP
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[72] Fenton, Ernest R., US
[73] Metcal, Inc., US
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[13] C

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[25] EN
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[54] **FILTRE A COUCHES MINCES A FAIBLE EMISSIVITE DURABLE**
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[73] THE BOC GROUP, INC., US
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[13] C

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[54] **SIEGE DE VOITURE**
[72] Pietsch, Helge, DE
[73] GEBR. ISRINGHAUSEN, DE
[85] 1991-05-13
[86] 1990-09-06 (PCT/EP90/01491)
[87] (WO91/04168)
[30] DE (P 39 30 612.7) 1989-09-13

[11] **2,041,749**
[13] C

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[25] EN
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[54] **PLATEAUX GERBABLES**
[72] Vardaro, Antonio, CA
[73] Vardaro, Antonio, CA
[22] 1991-05-02

[11] **2,042,076**
[13] C

[51] **Int.Cl. 5B61D 3/10 5B61G 5/02**
[25] EN
[54] **LOCKING ASSEMBLY TO SECURE A BEARING ASSEMBLY IN AN ARTICULATED COUPLING APPARATUS FOR CONNECTING ADJACENT ENDS OF A PAIR OF RAILWAY CARS**
[54] **DISPOSITIF DE FIXATION D'UN ENSEMBLE SUPPORT A UN ATTELAGE ARTICULE REUNISSANT DES WAGONS FERROVIAIRES**
[72] Kanjo, Wajih, US
[72] Hawryszkow, Michael G., US
[72] Wallace, William D., US
[72] Lynch, Edward G., US
[72] Daugherty, David W., Jr., US
[73] SARGENT INDUSTRIES, INC., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
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[30] US (521,860) 1990-05-08

[11] **2,042,753**
[13] C

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[25] EN
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[72] Ericson, Richard J., US
[72] Sheridan, William, US
[73] Otis Elevator Company, US
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[13] C

[51] **Int.Cl. 5C07C 5/333 5C07C 9/15**
[25] EN
[54] **PROCESS FOR DEHYDROGENATION OF PARAFFIN**
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[72] Dyroff, David R., US
[73] Huntsman Specialty Chemicals Corporation, US
[22] 1991-06-04
[30] US (533,323) 1990-06-05

[11] **2,043,893**
[13] C

[51] **Int.Cl. 5B60C 5/00 5B60C 11/00**
[25] EN
[54] **HEAVY DUTY TIRE WITH REDUCED SHOULDER WEAR AND IMPROVED WANDERING PERFORMANCE**
[54] **PNEUMATIQUE POUR POIDS LOURDS OFFRANT UNE PLUS GRANDE RESISTANCE A L'USURE AUX EPAULES ET UNE MEILLEURE STABILITE ROUTIERE**
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[73] Sumitomo Rubber Industries Limited, JP
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[11] **2,044,910**
[13] C

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[54] **METHODE DE COMMANDE DE CIRCUIT DE CONTROLE D'APPAREIL SANITAIRE**
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[73] Hansa Metallwerke AG, DE
[22] 1991-06-18
[30] DE (P 40 19 927.4) 1990-06-22

[11] **2,046,196**
[13] C

[51] **Int.Cl. 5E01B 29/06**
[25] EN
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[54] **MACHINE A SUBSTITUER LES TRAVERSES**
[72] Theurer, Josef, AT
[72] Worgotter, Herbert, AT
[73] FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., AT
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[30] AT (A 1744/90) 1990-08-24

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[13] C
[51] **Int.Cl. 5C10G 25/00**
[25] EN
[54] **ISOMERIZATION OF WAXY LUBE OILS AND PETROLEUM WAXES USING A SILICOALUMINOPHOSPHATE MOLECULAR SIEVE CATALYST**
[54] **ISOMERISATION D'HUILES LUBRIFIANTES A BASE PARAFFINIQUE ET DE CIRES DE PETROLE AU MOYEN D'UN CATALYSEUR A TAMIS MOLECULAIRE DE SILICOALUMINOPHOSPHATE**
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[73] Chevron Research and Technology Company, US
[85] 1991-08-07
[86] 1990-02-20 (PCT/US90/00814)
[87] (WO90/09363)
[30] US (311,969) 1989-02-17

[11] **2,047,943**
[13] C
[51] **Int.Cl. 5A61M 1/34**
[25] EN
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[54] **FILTRE POUR LA DEPLETION LEUCOCYTAIRE ET MODE D'UTILISATION**
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[72] Matkovich, Vlado I., US
[72] Bormann, Thomas, US
[73] Pall Corporation, US
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[13] C
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[25] EN
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[54] **APPAREIL DE LECTURE DE SIGNAUX AUDIO**
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[72] Yabe, Susumu, JP
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[86] 1991-01-18 (PCT/JP91/00057)
[87] (WO91/11080)
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[30] JP (P2-008520) 1990-01-19

[11] **2,049,997**
[13] C
[51] **Int.Cl. 5G01L 9/02**
[25] EN
[54] **CONTROL DEVICE FOR FLUID CONTAINERS OF FLEXIBLE MATERIAL**
[54] **APPAREIL DE CONTROLE DE CONTENANTS FLUIDES POUR MATERIAUX FLEXIBLES**
[72] Clarén, Jan, SE
[73] Cracontrol AB, SE
[85] 1991-09-19
[86] 1990-03-27 (PCT/SE90/00192)
[87] (WO90/11501)
[30] SE (8901055-7) 1989-03-28

[11] **2,050,796**
[13] C
[51] **Int.Cl. 5C08L 5/00 5C08L 101/00 5C08L 83/04**
[25] EN
[54] **INTRINSICALLY LUBRICATED MATERIAL COMPOSITIONS AND PRODUCTS THEREOF**
[54] **COMPOSITIONS DE MATERIAUX A LUBRIFICATION INTRINSEQUE ET PRODUITS FABRIQUES A PARTIR DE CES COMPOSITIONS**
[72] Berry, Johnny D., US
[73] INTEGRAL CONDUIT CORPORATION, US
[22] 1991-09-06
[30] US (07/594,938) 1990-10-10

[11] **2,052,666**
[13] C
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[25] EN
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[13] C

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[25] EN
[54] **METHOD OF TREATING OSTEOPOROSIS WITH 1.ALPHA.,24(R)-DIHYDROXY-22(E)-DEHYDRO-VITAMIN D3**
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[54] **SUBSTITUTED 1, 3-OXATHIOLANES AND SUBSTITUTED 1, 3-DITHIOLANES WITH ANTIVIRAL PROPERTIES**

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[72] Brasili, Livio, IT
[72] Nguyen-Ba, Nghe, CA
[72] Kong, Laval Chan Chuh, CA
[73] BIOCHEM PHARMA INC., CA
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METHYL CARBOXYL DERIVATIVES
OF ETHOXYLATED LAURYL
ALCOHOL**
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ATOMIC-LEVEL STEPPED SURFACE
STRUCTURE**
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74 6C07D 209/90 6C07D 307/92**
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[54] **NOUVEAUX AMIDES
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DE PREPARATION ET LES
COMPOSITIONS
PHARMACEUTIQUES QUI LES
CONTIENNENT**
[54] **NOVEL TRICYCLIC AMIDES,
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INHIBITORS OF ENKEPHALINASE
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[54] **RECOVERY OF GAS FROM DRILLING FLUID RETURNS IN UNDERBALANCED DRILLING**
[54] **METHODE DE SEPARATION DES GAZ CONTENUS DANS LES FLUIDES DE FORAGE RECUPERES AU COURS D'OPERATIONS DE FORAGE HORIZONTAL ASSISTE SOUS PRESSION SUBHYDROSTATIQUE**
[72] Speed, David, CA
[73] **NORHLAND ENERGY CORPORATION, CA**
[22] 1996-10-25

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[25] EN
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[54] **PERFECTIONNEMENTS SE RAPPORTANT A DES COMPOSITIONS DE NETTOYAGE ANTIMICROBIENNES**
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[72] Rabone, Kenneth Leslie, GB
[72] George, Ian Michael Riorden, GB
[73] **UNILEVER PLC, GB**
[85] 1996-10-28
[86] 1995-06-01 (PCT/EP95/02090)
[87] (WO95/35364)
[30] GB (9412356.9) 1994-06-20
[30] GB (9504827.8) 1995-03-10
[30] GB (9424895.2) 1994-12-09
[30] GB (9419379.4) 1994-09-26

[11] **2,189,343**
[13] C

[51] **Int.Cl. 6H04B 1/16 6H04B 1/69**
[25] EN
[54] **METHOD AND APPARATUS FOR OFFSET FREQUENCY ESTIMATION FOR A COHERENT RECEIVER**
[54] **METHODE ET APPAREIL POUR EVALUER LA DERIVE DE FREQUENCE D'UN RECEPTEUR COHERENT**
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[72] Ling, Fuyun, US
[72] Sexton, Thomas Aloysius, US
[73] **MOTOROLA, INC., US**
[85] 1996-10-31
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[87] (WO96/29791)
[30] US (08/402,260) 1995-03-10

[11] **2,189,715**
[13] C

[51] **Int.Cl. 6F16D 3/84**
[25] EN
[54] **PROTECTIVE DEVICE FOR A DRIVESHAFT, HAVING RADIAL SUPPORTING MEANS FOR THE PROTECTIVE FUNNEL**
[54] **DISPOSITIF DE PROTECTION D'ARBRE D'ENTRAINEMENT MUNI D'UN MECANISME DE SUPPORT RADIAL D'ENTONNOIR DE PROTECTION**
[72] Herchenbach, Paul, DE
[72] Kretschmer, Horst, DE
[73] **GKN Walterscheid GmbH, DE**
[22] 1996-11-06
[30] DE (19541512.4-12) 1995-11-08

[11] **2,190,941**
[13] C

[51] **Int.Cl. 6G02B 27/01**
[25] EN
[54] **LOW-COST LIGHT-WEIGHT HEAD-MOUNTED VIRTUAL-IMAGE PROJECTION DISPLAY WITH LOW MOMENTS OF INERTIA AND LOW CENTER OF GRAVITY**
[54] **VISIO-CASQUE DE PROJECTION D'IMAGES VIRTUELLES LEGER, DE FAIBLE COUT, A MOMENTS D'INERTIE FAIBLES ET CENTRE DE GRAVITE BAS**
[72] Chen, Chungte W., US
[72] Efron, Uzi, US
[72] Chester, Arthur N., US
[73] **RAYTHEON COMPANY, US**
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[30] US (441,506) 1995-05-15

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[13] C

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[54] **CUTTING ASSEMBLY FOR REMOVING WINDSHIELD**
[54] **OUTIL DE COUPE SERVANT A ENLEVER DES PARE-BRISE**
[72] Ogston, Alfred John, CA
[73] **CRYSTAL GLASS CANADA LTD., CA**
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[13] C

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[54] **TAMPER EVIDENT SHRINK BAND**
[54] **BANDE D'INVOLABILITE THERMORETRACTABLE**
[72] Rice, Michael J., US
[73] **PILLSBURY COMPANY (THE), US**
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[30] US (08/277,953) 1994-07-20

[11] **2,192,875**
[13] C

[51] **Int.Cl. 6H05B 3/40**
[25] EN
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[54] **CABLE DE CHAUFFAGE A TROIS FILS, TROIS PHASES, ET SYSTEME CONNEXE**
[72] Wildi, Theodore, CA
[73] **SPERIKA ENTERPRISES LTD., CA**
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[11] **2,194,221**
[13] C

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[72] Heath, Timothy D., US
[73] **VALENTIS, INC., US**
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[25] EN
[54] **METHOD AND APPARATUS FOR ON-LINE MEASUREMENT OF PULP FIBRE SURFACE DEVELOPMENT**
[54] **PROCEDE ET APPAREIL DESTINES A LA MESURE EN LIGNE DU DEVELOPPEMENT DE LA SURFACE DE FIBRES DE PATE A PAPIER**

[72] Bentley, Roger G., CA
[72] Jack, J. Stewart, CA
[72] Barron, Robert L., CA
[72] Hamilton, R. Keith, CA
[73] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA

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[86] 1995-07-18 (PCT/CA95/00431)
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[13] C

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[54] **AMPLIFICATION DU MELANGE TURBULENT DANS UN SYSTEME UV**

[72] Whitby, G. Elliott, CA
[72] Loewen, Mark Richard, CA
[72] Cozzi, Pierluigi, CA
[73] TROJAN TECHNOLOGIES INC., CA

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[13] C

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[54] **PATE A TARTINER COMESTIBLE A PHASE AQUEUSE CONTINUE**

[72] Hilhorst, Carolina Maria Christina, NL
[72] Schotel, Ronald Albert, NL
[72] Verschuren, Jozephus Johannes, NL
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[13] C

[51] **Int.Cl. 6C08G 75/02**
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[72] MIYAHARA, Michihisa, US
[72] SATO, Hiroyuki, JP
[72] SATAKE, Yoshikatsu, JP
[73] KUREHA KAGAKU KOGYO K.K., JP

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[11] **2,197,767**
[13] C

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[72] RAUCH, Thomas, US
[72] PILLA, Arthur A., US
[72] OH, Se Y., US
[73] ELECTROPHARMACOLOGY, INC., US

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[13] C

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[72] LARSEN, Christopher, US
[73] WATKINS MANUFACTURING CORPORATION, US

[85] 1997-03-06
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[30] US (08/321,747) 1994-10-12

[11] **2,200,248**
[13] C

[51] **Int.Cl. 6F15B 21/08 6F16K 31/12 6F15B 15/28**
[25] EN
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[54] **ACTIONNEUR PNEUMATIQUE AVEC DISPOSITIF DE COMMANDE MONTE EN EXTREMITE**

[72] MARCHESSEAU, Richard R., US
[72] NELSON, David C., US
[73] Worcester Controls Corporation, US

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[30] US (08/620,295) 1996-03-22

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[13] C

[51] **Int.Cl. 6H04N 7/025 6H04N 7/08**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING AN INFORMATION DISPLAY SCHEDULE FOR AN ELECTRONIC PROGRAM GUIDE**
[54] **SYSTEME ET PROCEDE CREATION D'UN PROGRAMME D'AFFICHAGE D'INFORMATIONS POUR UN GUIDE DE PROGRAMMATION ELECTRONIQUE**

[72] DAVIS, Bruce, US
[72] MILLER, Larry, US
[72] GUTMAN, James, US
[72] HEYDT, Michael, US
[73] UNITED VIDEO PROPERTIES, INC., US

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[86] 1995-09-22 (PCT/US95/12100)
[87] (WO96/09721)
[30] US (08/311,475) 1994-09-23

[11] **2,204,536**
[13] C

[51] **Int.Cl. 6B01D 46/42**
[25] EN
[54] **DOOR ASSEMBLY FOR AIR FILTER HOUSING**
[54] **PORTE POUR BOITIER DE FILTRE A AIR**

[72] ANOSZKO, Thomas J., US
[73] RESEARCH PRODUCTS CORPORATION, US

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[54] **ECLATEUR DE MAIS COMMANDE
PAR SEMI CONDUCTEURS**
[72] CRETORS, Charles D., US
[72] TAYLOR, Jeffery, US
[73] C. Cretors & Company, US
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[11] **2,205,492**
[13] C

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[54] **CONVERTIBLE PACKAGE
DISPENSER**
[54] **DISTRIBUTEUR
TRANSFORMABLE POUR
EMBALLAGES**
[72] RODENHISER, LESLEY S., CA
[72] PODHEISER, ALISSA F., CA
[72] SIMILE-GRAVINA, NICOLINA C.,
CA
[73] SMITHKLINE BEECHAM
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[30] US (08/844,223) 1997-04-18

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[13] C

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6H04M 1/22**
[25] EN
[54] **HANDICAP TELEPHONE WITH
ASSOCIATED BOOTH**
[54] **TELEPHONE POUR HANDICAPE
ET BOITIER CONNEXE**
[72] TYSZKIEWICZ, Gary R., US
[72] DiCOSMO, Robert S., US
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[73] DiCOSMO, Robert S., US
[22] 1997-05-23
[30] US (08/705,949) 1996-08-30

[11] **2,207,363**
[13] C

[51] **Int.Cl. 6C08F 2/24 6C08F 20/10
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[25] EN
[54] **ACRYLIC EMULSIONS
PREPARED IN THE PRESENCE OF
FULLY HYDROLYZED POLY (VINYL
ALCOHOL)**
[54] **EMULSIONS D'ACRYLIQUE
PREPAREES A PARTIR DE
POLY(ALCOOL VINYLIQUE)
TOALEMENT HYDROLYSE**
[72] BOTT, Richard Henry, US
[72] DISTEFANO, Frank Vito, US
[73] Air Products and Chemicals, Inc., US
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[30] US (08/663,496) 1996-06-14

[11] **2,210,729**
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[72] SIMMS, Graham John, GB
[73] THE GILLETTE COMPANY, US
[85] 1997-07-17
[86] 1996-02-02 (PCT/US96/01300)
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[11] **2,211,211**
[13] C

[51] **Int.Cl. 6B01D 53/047**
[25] EN
[54] **RADIAL BED VACUUM/
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VESSEL**
[54] **RECIPIENT A LIT RADIAL POUR
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[72] NOWOBILSKI, Jeffert John, US
[72] BERGSTEN, Victor Emmanuel, US
[72] FASSBAUGH, John Harry, US
[72] LEAVITT, Frederick Wells, US
[72] SMOLAREK, James, US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 1997-07-22
[30] US (08/681,550) 1996-07-23

[11] **2,213,929**
[13] C

[51] **Int.Cl. 6C21D 7/10**
[25] EN
[54] **HIGH STRENGTH AND HIGH
TOUGHNESS STEEL WIRES AND
METHOD FOR MAKING THE SAME**
[54] **FILS D'ACIER DE RESISTANCE ET
DE SOLIDITE ELEVEES ET METHODE
DE FABRICATION**
[72] YAGUCHI, Hiroshi, JP
[72] IBARAKI, Nobuhiko, JP
[72] MINAMIDA, Takaaki, JP
[72] KAISO, Masato, JP
[72] MAKII, Koichi, JP
[73] KABUSHIKI KAISHA KOBE SEIKO
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[22] 1997-08-26
[30] JP (HEI 8-232287) 1996-09-02
[30] JP (HEI 9-81324) 1997-03-31

[11] **2,213,960**
[13] C

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[25] EN
[54] **METHOD AND APPARATUS FOR
FAST PILOT CHANNEL ACQUISITION
USING A MATCHED FILTER IN A
CDMA RADIOTELEPHONE**
[54] **METHODE ET DISPOSITIF
PERMETTANT DE FAIRE
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UTILISANT UN FILTRE ADAPTE**
[72] VILMUR, Richard J., US
[73] MOTOROLA, INC., US
[22] 1997-08-25
[30] US (08/741,183) 1996-10-29

[11] **2,214,174**
[13] C

[51] **Int.Cl. 6A61M 5/32**
[25] EN
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LOCKING ENCLOSURE**
[54] **ENSEMBLE AIGUILLE
COMPORANT UNE PIECE
VERROUILLABLE**
[72] GRIFFITH, Richard L., US
[72] ADWERS, James, US
[73] BECTON, DICKINSON AND
COMPANY, US
[22] 1997-08-28
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[51] **Int.Cl. 6A01N 1/02 6C12N 5/08 6A61K 35/14**
[25] EN
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[54] **SOLUTION DE CRYOPRESERVATION**
[72] POLOVINA, Milo R., US
[73] Celox Laboratories, Inc., US
[85] 1997-08-29
[86] 1996-03-07 (PCT/US96/03153)
[87] (WO96/27287)
[30] US (08/399,077) 1995-03-08

[11] **2,220,585**
[13] C
[51] **Int.Cl. 6H04B 1/66 6H04L 5/16**
[25] EN
[54] **METHOD AND APPARATUS FOR BANDWIDTH REUSE IN A COMMUNICATION NETWORK**
[54] **METHODE ET APPAREIL PERMETTANT LA REUTILISATION D'UNE LARGEUR DE BANDE DE RESEAU DE COMMUNICATION**
[72] LU, Xiaolin, US
[73] AT&T CORP., US
[22] 1997-11-10
[30] US (760,790) 1996-12-05

[11] **2,220,829**
[13] C
[51] **Int.Cl. 6H04M 11/06 6H04M 3/24**
[25] EN
[54] **METHOD OF OPERATING A MODEM IN THE PRESENCE OF INTERRUPTED DIAL TONE**
[54] **METHODE D'OPERATION D'UN MODEM LORSQU'IL Y A UNE TONALITE INTERROMPUE**
[72] TRAN, To Van, CA
[73] MITEL CORPORATION, CA
[22] 1997-11-12

[11] **2,221,002**
[13] C
[51] **Int.Cl. 6C23F 11/08**
[25] EN
[54] **IN SITU PALLADIUM DOPING OR COATING OF STAINLESS STEEL SURFACES**
[54] **DOPAGE OU ENDUCTION IN SITU DE SURFACES D'ACIER INOXYDABLE AVEC DU PALLADIUM**
[72] HETTIARACHCHI, Samson, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 1997-11-13
[86] 1997-04-22 (PCT/US97/06646)
[87] (WO97/40210)
[30] US (08/635,593) 1996-04-22

[11] **2,228,932**
[13] C
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[25] EN
[54] **USE OF PLASMINOGEN ACTIVATORS TO STIMULATE LOCAL BONE GROWTH**
[54] **UTILISATION D'ACTIVATEURS DE PLASMINOGENE POUR L'OSTEOGENESE LOCALE**
[72] LANG, Kurt, DE
[72] KLING, Lothar, DE
[72] HONOLD, Konrad, DE
[72] LESER, Ulrike, DE
[73] ROCHE DIAGNOSTICS GMBH, DE
[85] 1998-02-06
[86] 1996-07-30 (PCT/EP96/03345)
[87] (WO97/05891)
[30] DE (195 29 223.5) 1995-08-09

[11] **2,229,817**
[13] C
[51] **Int.Cl. 6H01R 9/22 6H01R 4/58**
[25] EN
[54] **CONTACT BLOCK HAVING SNAP IN FEATURES**
[54] **BLOC DE CONTACT FIXE PAR ENCLIQUETAGE**
[72] CLARK, Aaron P., US
[72] KLEINERT, Raymond J., US
[72] AUSTIN, Micheal M., US
[72] RUTH, Barbara A., US
[73] MOTOROLA, INC., US
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[86] 1996-08-20 (PCT/US96/13442)
[87] (WO97/08777)
[30] US (08/520,359) 1995-08-28

[11] **2,234,534**
[13] C
[51] **Int.Cl. 6B62D 25/20 6B62D 33/00**
[25] EN
[54] **ADJUSTABLE DECKING SYSTEM**
[54] **SYSTEME DE PLATE-FORME REGLABLE**
[72] PETELKA, Brian W., CA
[73] Aero-Kit Industries Inc., CA
[22] 1998-04-09

[11] **2,240,057**
[13] C
[51] **Int.Cl. 6G05D 1/02 6B60K 31/00 6G05B 13/02 6A01D 41/12 6G05D 13/62**
[25] EN
[54] **CONTROL OF VEHICULAR SYSTEMS IN RESPONSE TO ANTICIPATED CONDITIONS PREDICTED USING PREDETERMINED GEO-REFERENCED MAPS**
[54] **SYSTEMES DE BORD EN FONCTION DE CONDITIONS ANTICIPEES BASEES SUR DES CARTES CONTENANT DES REFERENCES GEOGRAPHIQUES PREDETERMINEES**
[72] ORSBORN, Jesse H., US
[72] SALZMAN, Gerald E., US
[72] FAIVRE, Stephen M., US
[72] WATT, John D., US
[72] MORROW, James G., US
[72] VOGEL, Peter J., US
[72] McMILLEN, Richard E., US
[73] CASE CORPORATION, US
[22] 1998-06-09
[30] US (08/892,789) 1997-07-15

[11] **2,253,048**
[13] C
[51] **Int.Cl. 6D21F 7/08 6D03D 15/00**
[25] EN
[54] **WARP LOOP SEAM**
[54] **ASSEMBLAGE A CHAINE MAILLEE**
[72] YOOK, Steven S., US
[73] ALBANY INTERNATIONAL CORP., US
[22] 1998-11-06
[30] US (09/144,771) 1998-09-01

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[13] C

[51] **Int.Cl. 6H05B 6/80 6B65D 81/34
6H05B 6/64**

[25] EN

[54] **TOPLESS MICROWAVE
COOKING DEVICE**

[54] **APPAREIL DE CUISSON PAR
MICRO-ONDES SANS HAUT**

[72] SUNATORI, Go Simon, CA

[73] SUNATORI, Go Simon, CA

[22] 1998-11-24

[11] **2,284,497**

[13] C

[51] **Int.Cl. 6F25B 49/02 6G05B 9/02**

[25] EN

[54] **A METHOD OF OPERATING A
TRANSPORT REFRIGERATION UNIT**

[54] **METHODE D'EXPLOITATION
D'UN GROUPE FRIGORIFIQUE DE
TRANSPORT**

[72] HANSON, JAY LOWELL, US

[73] Thermo King Corporation, US

[22] 1992-07-10

[62] 2,073,612

[30] US (728,465) 1991-07-11

[11] **2,287,017**

[13] C

[51] **Int.Cl. 6F16C 27/02 6F16C 27/08
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[25] EN

[54] **SELF-ADJUSTING BEARING**

[54] **PALIER A AJUSTEMENT
AUTOMATIQUE**

[72] BROUWER, DOUGLAS J., US

[73] KOHLER CO., US

[22] 1995-09-01

[62] 2,175,560

[30] US (08/300,027) 1994-09-02

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[13] A1
[51] **Int.Cl. 6A01H 5/00 6C12N 15/11**
[25] EN
[54] **MEANS AND METHODS FOR TRANSFORMATION OF PLANT MITOCHONDRIA**
[54] **MOYENS ET METHODES POUR TRANSFORMER LES MITOCHONDRIES DES VEGETAUX**
[72] BACKERT, Steffen, DE
[72] LUEHRS, Renate, DE
[72] BOERNER, Thomas, DE
[71] GARCHING INNOVATION GMBH, DE
[22] 1999-06-11
[43] 2000-12-11

[21] **2,272,793**
[13] A1
[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6A23K 1/16 6C07K 14/17 6A61K 39/215 6C12N 15/50**
[25] EN
[54] **PORCINE TRANSMISSIBLE GASTROENTERITIS VIRUS ORAL VACCINE PRODUCTION IN PLANTS**
[54] **PRODUCTION DANS UNE PLANTE D'UN VACCIN A ADMINISTRER PAR VOIE ORALE CONTRE LE VIRUS DE LA GASTRO-ENTERITE TRANSMISSIBLE CHEZ LE PORC**
[72] YU, Wenjin, CA
[72] NAGY, Eva, CA
[72] ERICKSON, Larry, CA
[72] TUBOLY, Tamas, CA
[71] UNIVERSITY OF GUELPH, CA
[22] 1999-06-11
[43] 2000-12-11

[21] **2,273,819**
[13] A1
[51] **Int.Cl. 6F16B 37/04**
[25] EN
[54] **T-NUT WITH INDENTED LEADING AND TRAILING EDGE FLANGES**
[54] **ECROU ENCASTRE AVEC REBORDS DENTES**
[72] LEISTNER, Herbert E., CA
[71] LEISTNER, Herbert E., CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,151**
[13] A1
[51] **Int.Cl. 6F21V 1/02**
[25] EN
[54] **LAMPSHADE FITTING FOR SHADING A LAMP BULB AND A LAMP SOCKET**
[54] **ACCESSOIRE D'ABAT-JOUR POUR MASQUER L'AMPOULE ET LA DOUILLE**
[72] WU, San-Chi, TW
[71] WU, San-Chi, TW
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,153**
[13] A1
[51] **Int.Cl. 6F04D 29/34 6F24F 7/007**
[25] EN
[54] **FAN BLADE ASSEMBLY OF A CEILING FAN**
[54] **PALES DE VENTILATEUR DE PLAFOND**
[72] WU, San-Chi, TW
[71] WU, San-Chi, TW
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,156**
[13] A1
[51] **Int.Cl. 6F04D 29/34 6F24F 7/007**
[25] EN
[54] **CONNECTING DEVICE FOR CONNECTING A FAN BLADE TO A ROTOR OF A MOTOR OF A CEILING FAN**
[54] **DISPOSITIF DE RACCORDEMENT DE PALE DE VENTILATEUR AU ROTOR DU MOTEUR DE VENTILATEUR DE PLAFOND**
[72] WU, San-Chi, TW
[71] WU, San-Chi, TW
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,158**
[13] A1
[51] **Int.Cl. 6F04D 29/34 6F24F 7/007**
[25] EN
[54] **CONNECTING DEVICE FOR CONNECTING A FAN BLADE TO A ROTOR OF A MOTOR OF A CEILING FAN**
[54] **DISPOSITIF DE RACCORDEMENT DE PALE DE VENTILATEUR AU ROTOR DU MOTEUR DE VENTILATEUR DE PLAFOND**
[72] WU, San-Chi, TW
[71] WU, San-Chi, TW
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,160**
[13] A1
[51] **Int.Cl. 6F04D 29/34 6F24F 7/007**
[25] EN
[54] **FAN BLADE ASSEMBLY OF A CEILING FAN**
[54] **PALES DE VENTILATEUR DE PLAFOND**
[72] WU, San-Chi, TW
[71] WU, San-Chi, TW
[22] 1999-06-10
[43] 2000-12-10

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[21] **2,274,171**
[13] A1

[51] **Int.Cl. 6H04M 7/04**
[25] EN
[54] **LOOP DRIVER FOR POTS, XDSL, OR INTEGRATED POTS/XDSL INTERFACE**
[54] **AMPLIFICATEUR DE LIGNE D'ABONNE POUR INTERFACE AVEC LIGNE TELEPHONIQUE DE BASE OU LIGNE XDSL OU POUR INTERFACE INTEGREE LIGNE DE BASE/LIGNE XDSL**
[72] FEELEY, Mark, CA
[71] CATENA TECHNOLOGIES, CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,184**
[13] A1

[51] **Int.Cl. 6H02J 9/04**
[25] EN
[54] **METER COLLAR WITH INTERFACE FOR CONNECTING ON-SITE POWER SOURCE AND THE INTERFACE ITSELF**
[54] **BAGUE DE COMPTEUR AVEC INTERFACE DE CONNEXION D'UNE SOURCE D'ALIMENTATION LOCALE ET INTERFACE**
[72] STEWART, Robert S., US
[71] STEWART, Robert S., US
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,186**
[13] A1

[51] **Int.Cl. 6H01J 49/26 6H01J 49/36**
[25] EN
[54] **ANALYSIS TECHNIQUE, INCORPORATING SELECTIVELY INDUCED COLLISION DISSOCIATION AND SUBTRACTION OF SPECTRA**
[54] **TECHNIQUE D'ANALYSE AVEC DISSOCIATION DE COLLISIONS INDUITES SELECTIVEMENT ET SOUSTRACTION DE SPECTRES**
[72] THOMSON, Bruce, CA
[72] COUSINS, Lisa, CA
[71] MDS INC., CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,190**
[13] A1

[51] **Int.Cl. 6H04L 12/16**
[25] EN
[54] **PROGRAMMED MUSIC ON DEMAND FROM THE INTERNET**
[54] **MUSIQUE PROGRAMMEE DISTRIBUEE SUR DEMANDE SUR INTERNET**
[72] WOLFE, ROBERT L., US
[72] PINALS, Jeffrey, US
[71] WOLFE, ROBERT L., US
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,191**
[13] A1

[51] **Int.Cl. 6G01F 23/00**
[25] EN
[54] **PORTABLE BIN FULL INDICATOR**
[54] **INDICATEUR PORTATIF DE NIVEAU PLEIN DE CONTENEUR**
[72] MANN, Ken, CA
[71] MANN, Ken, CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,205**
[13] A1

[51] **Int.Cl. 6H04M 3/22 6H04M 3/42**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING INTEROPERABILITY BETWEEN REMOTE KEY SYSTEM UNITS**
[54] **METHODE ET APPAREIL PERMETTANT D'ASSURER L'INTEROPERABILITE D'UNITES DE SYSTEMES A CLES A DISTANCE**
[72] MACAULAY, ROBERT P. CA
[72] SOLAR, CHRISTOPHER R., CA
[72] DOWSER, MICHAEL T., CA
[72] EGAN, BRIAN, CA
[72] MEIJER, FRANK F, CA
[72] THIBAULT, DANIEL D., CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-06-11
[43] 2000-12-11

[21] **2,274,207**
[13] A1

[51] **Int.Cl. 6G01N 33/533 6G01N 33/557 6G01N 33/564**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR OPSONOPHAGOCYTTIC ASSAYS**
[54] **METHODES ET COMPOSITIONS POUR DES ESSAIS OPSONOPHAGOCYTTAIRES**
[72] CARLONE, George M., US
[72] MARTINEZ, Joseph E., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US
[22] 1999-06-11
[43] 2000-12-11

[21] **2,274,234**
[13] A1

[51] **Int.Cl. 6B60P 1/36 6B65G 67/24 6B65G 65/42 6B65G 15/58**
[25] EN
[54] **VEHICLE DISCHARGE SYSTEM**
[54] **SYSTEME DE DECHARGEMENT POUR VEHICULE**
[72] SZENTIMREY, Mark D., CA
[71] SZENTIMREY, Mark D., CA
[71] SZENTIMREY, Mark D., CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,236**
[13] A1

[51] **Int.Cl. 6E02F 9/28 6E02F 3/40 6E02F 3/60**
[25] EN
[54] **ASSEMBLY FOR FASTENING A TOOTH TO AN ADAPTOR**
[54] **ENSEMBLE DE FIXATION D'UNE DENT A UN ADAPTATEUR**
[72] ADAMIC, Dwight L., CA
[72] NETTERVILLE, Dennett, CA
[71] QUALITY STEEL FOUNDRIES LTD., CA
[22] 1999-06-10
[43] 2000-12-10

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[21] **2,274,239**
[13] A1

[51] **Int.Cl. 6E04C 5/01**
[25] EN
[54] **CONCRETE MASONRY REINFORCEMENT**
[54] **CHAINAGE DE MACONNERIE DE BETON**
[72] HATZINKOLAS, MICHAEL, CA
[71] HATZINKOLAS, MICHAEL, CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,279**
[13] A1

[51] **Int.Cl. 6E02B 15/06**
[25] EN
[54] **SYNTHETIC BOOMSTICK, BOOMSTICK COUPLING SYSTEM AND METHOD OF MAKING SAME**
[54] **ESTACADE FLOTTANTE SYNTHETIQUE, SYSTEME D'ARRIMAGE D'ESTACADE FLOTTANTE ET METHODE POUR SA FABRICATION**
[72] WESSNER, Emil, SE
[72] ROSS, Paul T., CA
[72] DOOLAN, Gordon T., CA
[71] PACIFIC POLY-PIPE PRODUCTS LTD., CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,301**
[13] A1

[51] **Int.Cl. 6C01C 1/04 6C01B 3/04 6C07C 1/04 6C07C 11/04 6C07C 31/04 6C07C 29/152 6C01B 3/22 6C01B 3/32 6C07C 2/82**
[25] EN
[54] **CHEMICAL REACTOR WITH PRESSURE SWING ADSORPTION**
[54] **REACTEUR CHIMIQUE A ADSORPTION MODULEE EN PRESSION**
[72] KEEFER, Bowie G., CA
[71] QUESTOR INDUSTRIES INC., CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,312**
[13] A1

[51] **Int.Cl. 6F16K 3/10 6B01D 53/047 6F16K 3/30**
[25] EN
[54] **MODULAR PRESSURE SWING ADSORPTION APPARATUS WITH CLEARANCE-TYPE VALVE SEALS**
[54] **APPAREIL MODULAIRE A ADSORPTION MODULEE EN PRESSION A JOINTS DE SOUPAPE SURDIMENSIONNES**
[72] McLEAN, Christopher, CA
[72] JEZIOROWSKI, Les, CA
[72] KEEFER, Bowie G., CA
[72] KAUPERT, Kevin A., CA
[72] TAPONAT, Marie-Claude, CA
[71] QUESTOR INDUSTRIES INC., CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,318**
[13] A1

[51] **Int.Cl. 6B01D 53/047**
[25] EN
[54] **PRESSURE SWING ADSORPTION WITH AXIAL OR CENTRIFUGAL COMPRESSION MACHINERY**
[54] **ADSORPTION MODULEE EN PRESSION AVEC MACHINE A COMPRESSION AXIALE OU CENTRIFUGE**
[72] CONNOR, Denis J., CA
[72] KEEFER, Bowie G., CA
[71] QUESTOR INDUSTRIES INC., CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,328**
[13] A1

[51] **Int.Cl. 6B29C 70/34**
[25] EN
[54] **METHOD OF MANUFACTURING COMPOSITE TUBULAR PARTS THROUGH FILAMENT WINDING**
[54] **METHODE DE FABRICATION DE PIECES COMPOSITES TUBULAIRES EN MATERIAU COMPOSITE PAR ENROULEMENT FILAMENTAIRE**
[72] ELLIOTT, Bruce, CA
[71] ELLIOTT, Bruce, CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,340**
[13] A1

[51] **Int.Cl. 6G02C 13/00**
[25] EN
[54] **MULTI-PURPOSE COMPOSITIONS AND METHODS OF USE IN CONTACT LENS CLEANING AND DISINFECTING SYSTEMS**
[54] **COMPOSITIONS ET METHODES A USAGES MULTIPLES POUR LE NETTOYAGE DE VERRES DE CONTACT ET DES SYSTEMES DESINFECTANTS**
[72] ASGHARIAN, Bahram, US
[71] ALCON LABORATORIES, INC., US
[22] 1999-06-11
[43] 2000-12-11

[21] **2,274,345**
[13] A1

[51] **Int.Cl. 6F15D 1/02**
[25] EN
[54] **CHOKE VALVE FOR THROTTLING FLUID FLOW**
[54] **ETRANGLEUR POUR LE REGLAGE DU DEBIT DE LIQUIDE**
[72] BOHAYCHUK, Larry J., CA
[72] COVE, Harry Richard, CA
[71] BOHAYCHUK, Larry J., CA
[71] COVE, Harry Richard, CA
[22] 1999-06-11
[43] 2000-12-11

[21] **2,274,352**
[13] A1

[51] **Int.Cl. 6H04L 12/22**
[25] EN
[54] **DISTRIBUTED CLIENT/SERVER COMPUTER NETWORK**
[54] **RESEAU CLIENT/SERVEUR REPARTI**
[72] RYAN, Andrew Edward, GB
[71] VISAGE DEVELOPMENTS LIMITED, GB
[22] 1999-06-14
[43] 2000-12-14

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[21] **2,274,353**
[13] A1

[51] **Int.Cl. 6B01D 15/00**
[25] EN
[54] **USE OF RAFFINATE LINE FLUSH IN A SIMULATED CONTINUOUS MOVING BED ADSORPTIVE SEPARATION PROCESS**
[54] **PURGE DE CONDUITE DE PRODUITS RAFFINES APPLIQUEE A UN PROCEDE DE SIMULATION DE SEPARATION PAR ABSORPTION DE LIT A DEFILEMENT CONTINU**
[72] NOE, Robert J. L., US
[71] UOP LLC, US
[22] 1999-06-14
[43] 2000-12-14

[21] **2,274,360**
[13] A1

[51] **Int.Cl. 6A01K 1/02 6A01K 1/01 6A01K 1/015**
[25] EN
[54] **ANIMAL CONFINEMENT SHELTER WITH ACCELERATED DECOMPOSITION OF WASTE**
[54] **ABRI DE CLAUSTRATION A BESTIAUX AVEC SYSTEME DE DECOMPOSITION ACCELEREE DES REJETS**
[72] TRIPP, Jerry R., US
[72] TRIPP, Clara F., US
[72] TRIPP, Herman W., US
[71] THE ONE STEP CORPORATION, US
[22] 1999-06-14
[43] 2000-12-14

[21] **2,274,363**
[13] A1

[51] **Int.Cl. 6G01R 33/56 6A61B 5/055 6G01N 24/08**
[25] EN
[54] **SYSTEM AND METHOD FOR SEGMENTATION OF TWO-DIMENSIONAL MAGNETIC RESONANCE IMAGES**
[54] **SYSTEME ET METHODE DE SEGMENTATION D'IMAGES DE RESONANCE MAGNETIQUE BIDIMENSIONNELLES**
[72] CHEVREFILS, Claudia, CA
[71] ORTHOSOFT INC., CA
[22] 1999-06-14
[43] 2000-12-14

[21] **2,274,388**
[13] A1

[51] **Int.Cl. 6B01D 53/047**
[25] EN
[54] **SURGE ADSORBER FLOW REGULATION FOR MODULAR PRESSURE SWING ADSORPTION**
[54] **ADSORBATEUR DE SURTENSION DE REGULATION DE DEBIT POUR ADSORPTION MODULEE EN PRESSION**
[72] KEEFER, Bowie G., CA
[71] QUESTOR INDUSTRIES INC., CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,390**
[13] A1

[51] **Int.Cl. 6B01D 53/047**
[25] EN
[54] **MULTISTAGE CHEMICAL SEPARATION METHOD AND APPARATUS USING PRESSURE SWING ADSORPTION**
[54] **METHODE ET APPAREIL DE SEPARATION CHIMIQUE MULTIETAGEE UTILISANT L'ADSORPTION MODULEE EN PRESSION**
[72] KEEFER, Bowie G., CA
[71] QUESTOR INDUSTRIES INC., CA
[22] 1999-06-10
[43] 2000-12-10

[21] **2,274,398**
[13] A1

[51] **Int.Cl. 6A61M 16/01 6A61M 16/20**
[25] EN
[54] **SINGLE BREATH INDUCTION ANESTHESIA APPARATUS**
[54] **APPAREIL POUR INDUIRE L'ANESTHESIE EN UNE SEULE ASPIRATION**
[72] COLAS, Marie-José, CA
[71] COLAS, Marie-José, CA
[22] 1999-06-11
[43] 2000-12-11

[21] **2,274,402**
[13] A1

[51] **Int.Cl. 6H02G 7/14 6B61B 12/04 6F16F 7/104**
[25] EN
[54] **DAMPER FOR AN OVERHEAD CABLE**
[54] **AMORTISSEUR POUR CABLE AERIEN**
[72] PAQUETTE, Roger, CA
[72] VAN DYKE, Pierre, CA
[71] HYDRO-QUEBEC, CA
[22] 1999-06-11
[43] 2000-12-11

[21] **2,274,411**
[13] A1

[51] **Int.Cl. 6C23C 14/26**
[25] EN
[54] **ELLIPTICAL CERAMIC EVAPORATORS**
[54] **EVAPORATEURS ELLIPTIQUES EN CERAMIQUE**
[72] SEIFERT, Martin, DE
[71] ELEKTROSCHMELZWERK KEMPTEN GMBH, DE
[22] 1999-06-11
[43] 2000-12-11

[21] **2,274,414**
[13] A1

[51] **Int.Cl. 6A61K 38/17 6A61K 31/195**
[25] EN
[54] **DIETARY FISH PROTEIN FOR USE IN RESTORING NORMAL INSULIN FUNCTION INSULIN-RESISTANT INDIVIDUALS**
[54] **PROTEINE DE POISSON ALIMENTAIRE A UTILISER POUR RESTAURER LA FONCTION NORMALE DE L'INSULINE CHEZ LES PERSONNES INSULINORESISTANTES**
[72] JACQUES, Hélène, CA
[72] MARETTE, André, CA
[72] LAVIGNE, Charles, CA
[71] UNIVERSITE LAVAL, CA
[22] 1999-06-11
[43] 2000-12-11

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[21] **2,274,419**
[13] A1

[51] **Int.Cl. 6A61K 31/70 6A61K 9/127 6A61K 31/34**
[25] EN
[54] **USE OF COMPLEXES AMONG CATIONIC LIPOSOMES AND POLYDEOXYRIBONUCLEOTIDES AS MEDICAMENTS**
[54] **UTILISATION DE COMPLEXES ENTRE DES LIPOSOMES CATIONIQUES ET DES POLYDESOXYRIBONUCLEOTIDES COMME MEDICAMENT**
[72] NASTRUZZI, Claudio, IT
[72] TRENTO, Fabio, IT
[72] FERRO, Laura, IT
[72] PORTA, Roberto, IT
[72] ESPOSITO, Elisabetta, IT
[72] MENEGATTI, Enea, IT
[71] CRINOS INDUSTRIA FARMACOBIOLOGICA S.P.A., IT
[22] 1999-06-11
[43] 2000-12-11

[21] **2,274,439**
[13] A1

[51] **Int.Cl. 6B63B 7/00 6B63C 9/01 6B63B 7/08**
[25] EN
[54] **FOLDING BOAT**
[54] **EMBARCATION TELESCOPIQUE**
[72] GILLIGAN, PATRICK, CA
[71] BOMBARDIER INC., CA
[22] 1999-06-14
[43] 2000-12-14

[21] **2,274,442**
[13] A1

[51] **Int.Cl. 6G03B 35/02**
[25] EN
[54] **A STEREO PAIR AND METHOD OF MAKING STEREO PAIRS**
[54] **PAIRE D'IMAGES STEREOSCOPIQUES ET METHODE DE PRODUCTION CONNEXE**
[72] ALLEN, Dann M., US
[71] ALLEN, Dann M., US
[22] 1999-06-14
[43] 2000-12-14

[21] **2,274,448**
[13] A1

[51] **Int.Cl. 6B65G 41/00**
[25] EN
[54] **PORTABLE CONVEYOR HITCH**
[54] **ATELAGE DE CONVOYEUR PORTABLE**
[72] OGILVIE, Ron, CA
[71] OGILVIE, Ron, CA
[22] 1999-06-11
[43] 2000-12-11

[21] **2,274,465**
[13] A1

[51] **Int.Cl. 6B31B 1/14 6B26D 7/18**
[25] EN
[54] **STEEL RULE CUTTING DIE APPARATUS**
[54] **APPAREIL A EMPORTE-PIECE A BANDE D'ACIER**
[72] WEBSTER, James, CA
[72] LAMING, Jeffrey Allen, CA
[72] ARCHER, David John, CA
[71] SHOREWOOD PACKAGING CORPORATION LIMITED, CA
[22] 1999-06-11
[43] 2000-12-11

[21] **2,274,722**
[13] A1

[51] **Int.Cl. 6H05B 3/80**
[25] EN
[54] **BATHTUB WATER HEATER**
[54] **CHAUFFE-EAU DE BAIGNOIRE**
[72] KOSTERMAN, Gerald M.A., CA
[71] KOSTERMAN, Gerald M.A., CA
[22] 1999-06-16
[43] 2000-12-16

[21] **2,274,724**
[13] A1

[51] **Int.Cl. 6F28B 9/10**
[25] EN
[54] **FREEZE-PROTECTED STEAM OPERATED HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR A VAPEUR PROTEGE CONTRE LE GEL**
[72] LANDRY, André, CA
[71] LANDRY, André, CA
[22] 1999-06-16
[43] 2000-12-16

[21] **2,274,770**
[13] A1

[51] **Int.Cl. 6A63H 33/00**
[25] FR
[54] **ROBOT-BOULE**
[54] **ROBOT BALL**
[72] MICHAUD, François, CA
[72] CARON, Serge, CA
[71] UNIVERSITÉ DE SHERBROOKE, CA
[22] 1999-06-15
[43] 2000-12-15

[21] **2,274,781**
[13] A1

[51] **Int.Cl. 6G09B 15/00 6G10D 3/00**
[25] EN
[54] **A GUITAR SCALE AND CHORD TEMPLATE**
[54] **GABARIT DE GAMMES ET D'ACCORDS DE GUITARE**
[72] SACHS, Matthew E., CA
[71] SACHS, Matthew E., CA
[22] 1999-06-15
[43] 2000-12-15

[21] **2,275,012**
[13] A1

[51] **Int.Cl. 6B65D 41/32 6B65D 47/08 6B65D 51/18**
[25] EN
[54] **DUAL TAMPER EVIDENT CLOSURE**
[54] **FERMETURE A SCEAU INVIOLENT DOUBLE**
[72] DECELLES, GILLES, CA
[72] LAFLAMME, JO-PHILIPPE K., CA
[71] BOUCHONS MAC INC., CA
[22] 1999-06-15
[43] 2000-12-15

[21] **2,275,015**
[13] A1

[51] **Int.Cl. 6F16M 11/04 6F16M 13/00 6H04N 5/00 6H04N 5/222 6G03B 17/56**
[25] EN
[54] **STABILIZED PLATFORM SYSTEMS FOR PAYLOADS**
[54] **SYSTEMES A PLATE-FORME STABILISEE POUR CHARGES UTILES**
[72] LEWIS, MICHAEL D., CA
[71] LEWIS, MICHAEL D., CA
[22] 1999-06-15
[43] 2000-12-15

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[21] 2,275,028
[13] A1

[51] Int.Cl. 6H04N 7/14
[25] EN
[54] METHOD AND SYSTEM FOR AN ADVANCED TELEVISION SYSTEM ALLOWING OBJECTS WITHIN AN ENCODED VIDEO SESSION (EVS) TO BE INTERACTIVELY SELECTED AND PROCESSED
[54] SYSTEME DE TELEVISION PERFECTIONNE PERMETTANT LA SELECTION INTERACTIVE ET LE TRAITEMENT D'OBJETS A L'INTERIEUR D'UNE SEANCE DE VISIONNEMENT DE VIDEO CODEE (EVS) ET METHODE CONNEXE
[72] BARRETT, BRAD C., CA
[72] VASILAKOS, JOHN ANDREW, CA
[71] BARRETT, BRAD C., CA
[71] VASILAKOS, JOHN ANDREW, CA
[22] 1999-06-14
[43] 2000-12-14

[21] 2,275,040
[13] A1

[51] Int.Cl. 6H04B 1/08
[25] EN
[54] EXTERIOR AUDIO RECEIVER SYSTEM
[54] SYSTEME DE RECEPTION DE SIGNAUX AUDIO VENANT DE L'EXTERIEUR
[72] TUCKER, KENNETH S., CA
[72] TUCKER, ELIZABETH L. M., CA
[72] TUCKER, K. TRAVIS B., CA
[71] TUCKER, KENNETH S., CA
[71] TUCKER, ELIZABETH L. M., CA
[71] TUCKER, K. TRAVIS B., CA
[22] 1999-06-14
[43] 2000-12-14

[21] 2,275,055
[13] A1

[51] Int.Cl. 6B60Q 5/00
[25] EN
[54] STEERING WHEEL RIM CONTINUOUS HORN SWITCH
[54] INTERRUPTEUR D'AVERTISSEUR SONORE FAISANT LE TOUR DE LA JANTE DU VOLANT
[72] DAVIS, FRANK CLIFFORD, CA
[71] DAVIS, FRANK CLIFFORD, CA
[22] 1999-06-14
[43] 2000-12-14

[21] 2,275,077
[13] A1

[51] Int.Cl. 6E06C 7/00 6E06C 7/18
[25] EN
[54] LADDER SAFE
[54] DISPOSITIF DE SECURITE D'ECHELLE
[72] CHAMBERS, JOSEPH ANDRE MICHAEL, CA
[71] CHAMBERS, JOSEPH ANDRE MICHAEL, CA
[22] 1999-06-14
[43] 2000-12-14

[21] 2,275,083
[13] A1

[51] Int.Cl. 6A61F 5/48 6A41B 13/00 6A61F 13/00 6A61F 5/44
[25] EN
[54] MALE SHIELD
[54] DISPOSITIF DE PROTECTION POUR TOUT-PETIT INCONTINENT
[72] KENNEDY, MARTHA JEAN, US
[71] KENNEDY, MARTHA JEAN, US
[22] 1999-06-14
[43] 2000-12-14

[21] 2,275,102
[13] A1

[51] Int.Cl. 6F26B 3/04 6F26B 21/02 6F26B 9/06 6F26B 21/06
[25] EN
[54] METHOD AND APPARATUS FOR DRYING WOOD
[54] METHODE ET CHAMBRE DE SECHAGE DU BOIS
[72] PETERS, OWEN GEORGE, CA
[71] PETERS, OWEN GEORGE, CA
[22] 1999-06-14
[43] 2000-12-14

[21] 2,275,103
[13] A1

[51] Int.Cl. 6F03B 1/02
[25] EN
[54] RUNNER OF A PELTON TURBINE
[54] ROUE A AUBES PELTON
[72] FALKNER, RUDOLF, AT
[72] KOLLER, FRANZ, AT
[72] CHAPUIS, LIONEL, CH
[72] FROSCHL, KARL, AT
[71] VA TECH VOEST MCE GMBH, AT
[22] 1999-06-14
[43] 2000-12-14

[21] 2,275,110
[13] A1

[51] Int.Cl. 6B65G 41/00
[25] EN
[54] MANUAL AUGER MOVER
[54] DISPOSITIF MANUEL POUR FAIRE TOURNER UNE VIS SANS FIN
[72] MANN, KEN, CA
[71] MANN, KEN, CA
[22] 1999-06-15
[43] 2000-12-15

[21] 2,275,118
[13] A1

[51] Int.Cl. 6A01B 73/00 6A01B 43/00
[25] EN
[54] SWING HITCH
[54] ATTACHE DE REMORQUAGE OSCILLANTE
[72] TOTH, DELMAR, CA
[71] SCHULTE INDUSTRIES LTD., CA
[22] 1999-06-15
[43] 2000-12-15

[21] 2,275,120
[13] A1

[51] Int.Cl. 6F17D 1/14 6F04B 15/02 6A01C 23/02
[25] EN
[54] MANURE INJECTOR SYSTEM
[54] SYSTEME D'INJECTION DE PURIN
[72] LEDUC, PHILIP, CA
[72] PURYK, CORWIN, US
[72] HULTGREEN, GORDON, CA
[71] PRAIRIE AGRICULTURAL MACHINERY INSTITUTE, CA
[22] 1999-06-15
[43] 2000-12-15

[21] 2,275,152
[13] A1

[51] Int.Cl. 6E01C 23/082 6A01B 35/08
[25] EN
[54] LAND LEVELLER
[54] NIVELEUSE DE SOL
[72] HOFMANN, DOUGLAS J., CA
[71] HOFMANN, DOUGLAS J., CA
[22] 1999-06-15
[43] 2000-12-15

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[21] **2,275,171**
[13] A1

[51] **Int.Cl. 6B60P 1/43 6B62D 63/08**
[25] EN
[54] **SIDE LOADING TRANSPORT APPARATUS FOR SWATHERS AND THE LIKE**
[54] **DISPOSITIF DE TRANSPORT A CHARGEMENT LATERAL POUR FAUCHEUSES-ANDAINÉUSES ET AUTRES DU MEME GENRE**
[72] ESLER, KEN, CA
[72] BROWN, KEITH, CA
[72] GEOFFRION, GERRY, CA
[72] PEAKMAN, KEN, CA
[72] HARVEY, BRAD, CA
[71] CUSTOM BUILT AG INDUSTRIES LTD., CA
[22] 1999-06-15
[43] 2000-12-15

[21] **2,275,273**
[13] A1

[51] **Int.Cl. 6G03B 35/08**
[25] EN
[54] **STEREO CAMERA**
[54] **CAMERA STEREOSCOPIQUE**
[72] INABA, MINORU, JP
[71] INABA, MINORU, JP
[22] 1999-06-16
[43] 2000-12-16

[21] **2,275,661**
[13] A1

[51] **Int.Cl. 6B25B 13/48 6F16D 65/72**
[25] EN
[54] **BRAKE ADJUSTMENT TOOL**
[54] **OUTIL DE REGLAGE DE FREIN**
[72] KOOCHIN, CAREY, CA
[71] KOOCHIN, CAREY, CA
[22] 1999-06-16
[43] 2000-12-16

[21] **2,275,680**
[13] A1

[51] **Int.Cl. 6G09B 25/02 6F15B 15/28**
[25] FR
[54] **SIMULATEUR DE CYLINDRE**
[54] **CYLINDER SIMULATOR**
[72] COUTURE, JEAN-PAUL, CA
[71] COUTURE, JEAN-PAUL, CA
[22] 1999-06-15
[43] 2000-12-15

[21] **2,275,730**
[13] A1

[51] **Int.Cl. 6A63B 59/00 6A63B 67/14**
[25] FR
[54] **BOULONS D'ASSEMBLAGE POUR BROUSSE DE CURLING MUNIES D'UN MANCHE ARTICULE**
[54] **ASSEMBLY BOLT FOR CURLING BRUSH WITH A FLEXIBLE HANDLE**
[72] inconnu, ZZ
[71] 9054-4693 QUÉBEC INC. (PERFORMANCE PLUS), CA
[22] 1999-06-16
[43] 2000-12-16

[21] **2,275,733**
[13] A1

[51] **Int.Cl. 6A61B 5/16**
[25] FR
[54] **METHODE ET APPAREIL DE MESURE D'ANALYSE ET DE SUIVI DES APTITUDES ET DES PERFORMANCES DU COMPORTEMENT MOTEUR POUR L'ENTRAINEMENT, LA READAPTATION ET LA DETECTION DES DISFONCTIONNEMENTS**
[54] **METHOD AND DEVICE FOR MEASURING, ANALYSING AND MONITORING MOTOR APTITUDES AND PERFORMANCES FOR TRAINING, REHABILITATION AND DETECTION OF IMPROPER FUNCTIONING**
[72] PLAMONDON, RÉJEAN, CA
[72] GUERFALI, WACEF, CA
[71] POLYVALOR S.E.C., CA
[22] 1999-06-16
[43] 2000-12-16

[21] **2,275,748**
[13] A1

[51] **Int.Cl. 6A61C 3/025 6A61C 17/08**
[25] FR
[54] **SYSTEME DE RECUPERATION DE PARTICULES RELATIF A UN OUTIL D'ABRASION A L'AIR**
[54] **PARTICLE RECOVERY SYSTEM RELATED TO AN AIR ABRASION SYSTEM**
[72] DULONG, MICHEL B., CA
[71] DULONG, MICHEL B., CA
[22] 1999-06-14
[43] 2000-12-14

[21] **2,275,749**
[13] A1

[51] **Int.Cl. 6F16J 15/16 6B01F 7/16**
[25] FR
[54] **COLLIER D'ETANCHEITE EXTERIEUR DE MAINTENANCE POUR UN AGITATEUR INDUSTRIEL**
[54] **EXTERNAL LEAKPROOF MAINTENANCE COLLAR FOR INDUSTRIAL AGITATOR**
[72] LAJOIE, GILLES M., CA
[71] LAJOIE, GILLES M., CA
[22] 1999-06-15
[43] 2000-12-15

[21] **2,275,811**
[13] A1

[51] **Int.Cl. 6A01C 7/06**
[25] EN
[54] **HYDRAULIC COMPRESSION SYSTEM FOR SEEDER**
[54] **COMPRESSEUR HYDRAULIQUE DE SEMOIR**
[72] DREVER, KENNETH WAYNE, CA
[72] NELL, WILLIAM ROBIN, CA
[72] OPSETH, DEREK CHRISTOPHER, CA
[72] HALFORD, JAMES WILLIAM, CA
[71] VALE FARMS LTD., CA
[22] 1999-06-15
[43] 2000-12-15

[21] **2,275,821**
[13] A1

[51] **Int.Cl. 6G10L 3/00**
[25] EN
[54] **REDUCED PROCESSING VOICE COMPRESSION**
[54] **COMPRESSION DE LA VOIX A TRAITEMENT REDUIT**
[72] BASTIN, ROGER, CA
[71] MITEL CORPORATION, CA
[22] 1999-06-15
[43] 2000-12-15

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[21] **2,277,607**
[13] A1

[51] **Int.Cl. 6H01L 21/22**
[25] EN
[54] **METHOD AND APPARATUS FOR ITERATIVELY, SELECTIVELY TUNING THE IMPEDANCE OF INTEGRATED SEMICONDUCTOR DEVICES USING A FOCUSED HEATING SOURCE**
[54] **METHODE ET APPAREILLAGE POUR ACCORDER DE FACON SELECTIVE ET ITERATIVE L'IMPEDANCE DE DISPOSITIFS A SEMICONDUCTEURS INTEGRES FAISANT APPEL A UNE SOURCE DE CHALEUR CONCENTREE**
[72] GAGNON, YVES, CA
[72] MEUNIER, MICHEL, CA
[72] SAVARIA, YVON, CA
[71] GAGNON, YVES, CA
[71] MEUNIER, MICHEL, CA
[71] SAVARIA, YVON, CA
[22] 1999-07-16
[43] 2000-12-14
[30] US (09/332,059) 1999-06-14

[21] **2,280,073**
[13] A1

[51] **Int.Cl. 6A01G 9/02**
[25] EN
[54] **PLANT CONTAINER LINERS**
[54] **GARNITURES DE JARDINIERE**
[72] JUST, PERRY, NZ
[71] DISCOVERIES IN GARDENING - MOSS PRODUCTS LIMITED, NZ
[71] THE CHRISTIAN CHURCH COMMUNITY TRUST, NZ
[22] 1999-08-11
[43] 2000-12-15
[30] NZ (336300) 1999-06-15

[21] **2,281,970**
[13] A1

[51] **Int.Cl. 6B65D 88/74**
[25] EN
[54] **STORAGE BIN FOR PARTICULATE MATERIALS**
[54] **SILO POUR SUBSTANCES PARTICULAIRES**
[72] EPP, DWAYNE S., CA
[72] EPP, RICHARD J., CA
[71] EPP, DWAYNE S., CA
[71] EPP, RICHARD J., CA
[22] 1999-09-07
[43] 2000-12-14
[30] US (09/330,976) 1999-06-14

[21] **2,282,030**
[13] A1

[51] **Int.Cl. 6B44F 1/12 6B42D 15/10**
[25] EN
[54] **SECURE DOCUMENT**
[54] **DOCUMENT PROTEGE**
[72] HUTCHINSON, WILBUR, US
[71] MOORE NORTH AMERICA, INC., US
[22] 1999-09-08
[43] 2000-12-11
[30] US (09/330,412) 1999-06-11

[21] **2,284,040**
[13] A1

[51] **Int.Cl. 6B41F 31/02**
[25] EN
[54] **INK RAIL FOR PRINTING PRESS**
[54] **GORGE A ENCRE POUR PRESSE A IMPRIMER**
[72] KOBAYASHI, YOSHIO, JP
[72] IJIMA, TAKASHI, JP
[72] YOSHIDA, HIROJI, JP
[71] KABUSHIKI KAISHA TOKYO KIKAI SEISAKUSHO, JP
[22] 1999-09-28
[43] 2000-12-15
[30] JP (11-167618) 1999-06-15

[21] **2,284,306**
[13] A1

[51] **Int.Cl. 6B65D 41/42**
[25] EN
[54] **BOTTLE CAP WITHOUT USING BOTTLE CAP OPENER**
[54] **CAPSULE DE BOUTEILLE QUI S'ENLEVE SANS DECAPSULEUR**
[72] TENG, HSI-HSIUNG, TW
[71] TENG, HSI-HSIUNG, TW
[22] 1999-09-10
[43] 2000-12-16
[30] US (09/334,074) 1999-06-16

[21] **2,288,395**
[13] A1

[51] **Int.Cl. 6A46D 3/04**
[25] EN
[54] **BRUSH HEAD MANUFACTURE**
[54] **FABRICATION DE TETES DE PINCEAU**
[72] WAGHORN, HOWARD J., GB
[71] HAMILTON ACORN LIMITED, GB
[22] 1999-10-29
[43] 2000-12-11
[30] GB (9913655.8) 1999-06-11

[21] **2,288,465**
[13] A1

[51] **Int.Cl. 7A61M 16/01**
[25] EN
[54] **SINGLE BREATH INDUCTION ANESTHESIA APPARATUS**
[54] **APPAREIL POUR INDIURE L'ANESTHESIE EN UNE SEULE ASPIRATION**
[72] COLAS, MARIE-JOSÉ, CA
[71] COLAS, MARIE-JOSÉ, CA
[22] 1999-11-04
[43] 2000-12-11
[30] CA (2,274,398) 1999-06-11

[21] **2,289,341**
[13] A1

[51] **Int.Cl. 7A44B 19/24**
[25] EN
[54] **ZIPPER LOCK AND EXTENSION**
[54] **FERMETURE A GLISSIERE VERROUILLABLE ET RALLONGE**
[72] YE, MARK CHANGFENG, US
[71] YE, MARK CHANGFENG, US
[22] 1999-11-12
[43] 2000-12-16
[30] US (09/333,558) 1999-06-16

[21] **2,291,480**
[13] A1

[51] **Int.Cl. 7B60R 9/00 7B62D 39/00 7B62D 43/00**
[25] EN
[54] **CARRIER AND CARRIER SYSTEM FOR VEHICLE**
[54] **SUPPORT ET SYSTEME CONNEXE POUR VEHICULE**
[72] COX, LARRY E., US
[71] COX, LARRY E., US
[22] 1999-12-02
[43] 2000-12-14
[30] US (09/332,401) 1999-06-14

[21] **2,292,211**
[13] A1

[51] **Int.Cl. 7E04F 11/00 7E04H 17/14**
[25] EN
[54] **HOLLOW SPINDLE WITH RECTANGULAR CROSS-SECTION**
[54] **BROCHE CREUSE A SECTION RECTANGULAIRE**
[72] ERWIN, RONALD D., US
[71] ERWIN INDUSTRIES, INC., US
[22] 1999-12-15
[43] 2000-12-15
[30] US (29/106,385) 1999-06-15
[30] US (60/144,845) 1999-07-21
[30] US (09/459,163) 1999-12-10

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<p align="right">[21] 2,292,944 [13] A1</p> <p>[51] Int.Cl. 7A61B 5/15 7G01N 33/49 [25] EN [54] VACUUM ASSISTED LANCING DEVICE [54] DISPOSITIF DE PERCAGE ASSISTE PAR DEPRESSION [72] PURCELL, D. GLENN, US [72] BRENNEMAN, ALLEN J., US [71] BAYER CORPORATION, US [22] 1999-12-22 [43] 2000-12-14 [30] US (09/332,082) 1999-06-14</p>	<p align="right">[21] 2,295,256 [13] A1</p> <p>[51] Int.Cl. 7F16B 37/12 [25] EN [54] WIRE FOR HELICAL COIL INSERT [54] FIL POUR PIECE RAPPORTEE HELICOIDALE [72] HONDO, FUSAHIDE, JP [71] NIPPON SPREW CO., LTD., JP [22] 2000-01-11 [43] 2000-12-16 [30] JP (11-170275) 1999-06-16</p>	<p align="right">[21] 2,297,712 [13] A1</p> <p>[51] Int.Cl. 7B01J 8/26 [25] EN [54] MULTI-CHAMBER FLUIDIZED BED EQUIPMENT [54] EQUIPEMENT A LIT FLUIDISE MULTI-CHAMBRES [72] TAKASHI, NISHIDA, JP [71] MITSUBISHI MATERIALS CORPORATION, JP [22] 2000-01-31 [43] 2000-12-16 [30] JP (11-169442) 1999-06-16</p>
<p align="right">[21] 2,293,162 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/12 7A61K 9/72 [25] EN [54] ACIDIC BUFFERED NASAL SPRAY [54] PULVERISATION NASALE ACIDE TAMPONNEE [72] GERN, JAMES E., US [72] MOSSER, ANNE G., US [71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US [22] 1999-12-24 [43] 2000-12-14 [30] US (09/332,340) 1999-06-14</p>	<p align="right">[21] 2,295,419 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/60 [25] EN [54] METHOD AND SYSTEM FOR MARKET RESEARCH DATA MINING [54] METHODE ET SYSTEME D'EXTRACTION DE DONNEES D'ETUDE DE MARCHE [72] KRISS, MITCHEL, US [72] CIBULSKIS, PETER, US [71] A. C. NIELSEN COMPANY, US [22] 2000-01-14 [43] 2000-12-10 [30] US (09/329,487) 1999-06-10</p>	<p align="right">[21] 2,299,041 [13] A1</p> <p>[51] Int.Cl. 7H04L 12/24 [25] EN [54] METHOD AND APPARATUS FOR FORECASTING AND CONTROLLING CONGESTION IN A DATA TRANSPORT NETWORK [54] METHODE ET APPAREIL DE PREVISION ET DE CONTROLE DE L'ENCOMBREMENT DANS UN RESEAU DE TRANSMISSION DE DONNEES [72] CHAPMAN, ALAN S., CA [72] KUNG, HSIANG T., US [71] NORTEL NETWORKS CORPORATION, CA [22] 2000-02-22 [43] 2000-12-15 [30] US (09/333,269) 1999-06-15</p>
<p align="right">[21] 2,293,880 [13] A1</p> <p>[51] Int.Cl. 7H04L 12/02 7H04L 12/407 7H04L 12/427 [25] EN [54] COMPUTER NETWORK AND METHOD OF CLUSTERING NETWORK SERVERS [54] RESEAU INFORMATIQUE ET METHODE DE REGROUPEMENT DE SERVEURS-RESEAU [72] FUKUI, MASAHIRO, JP [71] IDGATE CO., LTD., JP [22] 1999-12-30 [43] 2000-12-16 [30] JP (11-170353) 1999-06-16</p>	<p align="right">[21] 2,297,542 [13] A1</p> <p>[51] Int.Cl. 7B01J 8/44 [25] EN [54] STRUCTURE OF DISPERSION PLATE IN FLUIDIZED BED EQUIPMENT [54] STRUCTURE DE PLAQUE DE DISPERSION DANS UN EQUIPEMENT A LIT FLUIDISE [72] TAKESHI, ONOUE, JP [71] MITSUBISHI MATERIALS CORPORATION, JP [22] 2000-01-31 [43] 2000-12-16 [30] JP (11-169444) 1999-06-16</p>	<p align="right">[21] 2,299,211 [13] A1</p> <p>[51] Int.Cl. 7B27N 3/06 7B27N 3/00 7B27N 1/02 [25] EN [54] METHOD FOR LAMINATING WOODY FIBERBOARD [54] METHODE DE LAMELLATION DE PANNEAUX EN FIBRES DE BOIS [72] KON, MASATAKA, JP [72] KON, MICHIIHIRO, JP [71] SHINSEIKAN CO., LTD., JP [22] 2000-02-16 [43] 2000-12-14 [30] JP (1999-167081) 1999-06-14</p>

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[21] **2,299,682**
[13] A1

[51] **Int.Cl. 7F28F 17/00**
[25] EN
[54] **FREEZE-PROTECTED HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR PROTEGE CONTRE LE GEL**
[72] LANDRY, ANDRE, CA
[71] LANDRY, ANDRE, CA
[22] 2000-02-28
[43] 2000-12-16
[30] CA (2,274,724) 1999-06-16

[21] **2,300,038**
[13] A1

[51] **Int.Cl. 7F01D 9/02**
[25] EN
[54] **GAS TURBINE STATIONARY BLADE**
[54] **AUBE FIXE DE TURBINE A GAZ**
[72] ITO, EISAKU, JP
[72] KUWABARA, MASAMITSU, JP
[72] TOMITA, YASUOKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2000-03-03
[43] 2000-12-15
[30] JP (11-168492) 1999-06-15

[21] **2,300,697**
[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **METHOD AND SYSTEM FOR WIRELESS QOS AGENT FOR ALL-IP NETWORK**
[54] **METHODE ET SYSTEME POUR AGENT DE QUALITE DE SERVICE SANS FIL D'UN RESEAU INTEGRALEMENT IP**
[72] SEN, SANJOY K., US
[72] ARUNACHALAM, VAIDHYANATHAN, US
[72] BASU, KALYAN, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-15
[43] 2000-12-11
[30] US (09/330,915) 1999-06-11

[21] **2,302,092**
[13] A1

[51] **Int.Cl. 7A44B 19/00 7B65D 51/00**
[25] EN
[54] **ZIPPER LOCK AND EXTENSION**
[54] **FERMETURE A GLISSIERE VERROUILLABLE ET RALLONGE**
[72] YE, MARK CHANGFENG, US
[71] YE, MARK CHANGFENG, US
[22] 2000-03-24
[43] 2000-12-16
[30] US (09/333,558) 1999-06-16
[30] US (09/464,838) 1999-12-16

[21] **2,302,904**
[13] A1

[51] **Int.Cl. 7B66D 3/02**
[25] EN
[54] **SNOWMOBILE EXTRICATING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE DEGAGEMENT DE MOTONEIGE**
[72] CRABTREE, RICHARD W., US
[72] REED, DANA M., US
[71] SNOBUNJE INCORPORATED, US
[22] 2000-03-29
[43] 2000-12-11
[30] US (09/330,208) 1999-06-11

[21] **2,303,548**
[13] A1

[51] **Int.Cl. 7G06T 13/00**
[25] EN
[54] **THREE DIMENSIONAL ANIMATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ANIMATION TRIDIMENSIONNELLE**
[72] HARVILL, YOUNG, US
[72] BEAN, RICHARD, US
[71] PULSE ENTERTAINMENT, INC., US
[22] 2000-03-30
[43] 2000-12-11
[30] US (09/330,681) 1999-06-11

[21] **2,303,626**
[13] A1

[51] **Int.Cl. 7F28F 1/00 7F24H 3/00 7F16L 23/00 7F28F 9/02**
[25] EN
[54] **TUBULAR HEAT EXCHANGER FOR INFRARED HEATER**
[54] **ECHANGEUR DE CHALEUR TUBULAIRE POUR RADIATEUR A INFRAROUGE**
[72] LENGAUER, PHILIP E., US
[72] SPECHT, WERNER O., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2000-03-31
[43] 2000-12-11
[30] US (60/138,908) 1999-06-11

[21] **2,303,713**
[13] A1

[51] **Int.Cl. 7C30B 29/04 7C23C 16/27**
[25] EN
[54] **METHOD AND APPARATUS FOR IN-SITU SOLID STATE DOPING OF CVD DIAMONDS AND DIAMONDS SO MADE**
[54] **METHODE ET APPAREIL D'INTRODUCTION IN-SITU DE DOPANT SEMI-CONDUCTEUR DANS DES DIAMANTS CVD ET DIAMANTS FABRIQUES SELON CETTE METHODE**
[72] WINDISCHMANN, HENRY, US
[72] YUSCINSKY, JOHN L., US
[71] SAINT-GOBAIN INDUSTRIAL CERAMICS, INC., US
[22] 2000-04-05
[43] 2000-12-16
[30] US (09/334,305) 1999-06-16

[21] **2,303,971**
[13] A1

[51] **Int.Cl. 7B65D 81/34 7H05B 6/80**
[25] EN
[54] **CONTAINER AND METHOD FOR HEATING RAPIDLY AND EVENLY FROZEN FOODS IN MICROWAVE OVEN**
[54] **CONTENANT ET METHODE POUR CHAUFFER RAPIDEMENT ET UNIFORMEMENT DES ALIMENTS SURGELES DANS UN FOUR A MICRO-ONDES**
[72] MERABET, MUSTAPHA, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[22] 2000-04-06
[43] 2000-12-11
[30] EP (99201870.5) 1999-06-11

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[21] **2,304,840**
[13] A1

[51] **Int.Cl. 7G06F 17/50 7G06T 3/00**
[25] EN
[54] **REFLECTION LINE CONTROL**
[54] **CONTROLE DE LIGNE DE REFLEXION**
[72] DESLANDES, ARNAUD, FR
[72] BONNER, DAVID L., FR
[71] DASSAULT SYSTEMES, FR
[22] 2000-04-11
[43] 2000-12-10
[30] US (09/329,726) 1999-06-10

[21] **2,305,066**
[13] A1

[51] **Int.Cl. 7G06T 11/00 7G06T 17/40 7G06F 17/50**
[25] EN
[54] **DIMENSION GENERATION FILTER AND ANALYSIS**
[54] **ANALYSE ET FILTRE DE GENERATION DE DONNEES DIMENSIONNELLES**
[72] MOUKY, ALAIN, FR
[72] AGNES, FABRICE, FR
[71] DASSAULT SYSTEMES, FR
[22] 2000-04-12
[43] 2000-12-10
[30] US (09/329,923) 1999-06-10

[21] **2,305,068**
[13] A1

[51] **Int.Cl. 7G06F 9/445 7G06F 3/033 7G06T 3/20 7G06T 3/60**
[25] EN
[54] **KNOWLEDGE-BASED POLYMORPH UNDOCKABLE TOOLBAR**
[54] **BARRE D'OUTILS POLYMORPHE FLOTTANTE FONCTIONNANT A BASE DE CONNAISSANCES**
[72] CHARLES, BERNARD, FR
[72] PERROUX, FRANCOIS, FR
[72] DEBAISIEUX, GREGOIRE, FR
[72] CROS, JEAN-CHRISTOPHE, FR
[71] DASSAULT SYSTEMES, FR
[22] 2000-04-12
[43] 2000-12-10
[30] US (09/329,727) 1999-06-10

[21] **2,305,095**
[13] A1

[51] **Int.Cl. 7G06T 17/40 7G06F 17/50**
[25] EN
[54] **SWEPT VOLUME MODEL**
[54] **MODELE DE VOLUME BALAYE**
[72] CAPOT-REY, DENIS, FR
[72] JUGE, LAURENT, FR
[72] BOUSSAC, STEPHANE, FR
[71] DASSAULT SYSTEMES, FR
[22] 2000-04-13
[43] 2000-12-10
[30] US (09/329,889) 1999-06-10

[21] **2,305,100**
[13] A1

[51] **Int.Cl. 7G06F 9/445 7G06F 3/00 7G06F 17/50**
[25] EN
[54] **ADDING A CODE IN AN APPLICATION DURING RUNTIME TO ENRICH OBJECT BEHAVIOUR**
[54] **AJOUT D'UN CODE DANS UNE APPLICATION PENDANT SON EXECUTION AFIN D'ENRICHIR LE COMPORTEMENT D'UN OBJET**
[72] DI CESARE, LAURENT, FR
[71] DASSAULT SYSTEMES, FR
[22] 2000-04-13
[43] 2000-12-10
[30] US (09/329,729) 1999-06-10

[21] **2,305,830**
[13] A1

[51] **Int.Cl. 7G06T 17/40 7G06F 3/033 7G06F 17/50**
[25] EN
[54] **THREE DIMENSIONAL GRAPHICAL MANIPULATOR**
[54] **MANIPULATEUR GRAPHIQUE A EFFET TRIDIMENSIONNEL**
[72] GOLIBRODSKI, OLIVIER, FR
[72] PRADEAU, PASCAL, FR
[71] DASSAULT SYSTEMES, FR
[22] 2000-04-11
[43] 2000-12-10
[30] US (09/329,730) 1999-06-10

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

[51] **Int.Cl. 7G05D 23/00 7D06F 58/28**
[25] EN
[54] **APPARATUS AND METHOD FOR MULTIPLE TEMPERATURE RANGE CONTROL**
[54] **APPAREIL ET METHODE DE CONTROLE DE PLAGES DE TEMPERATURE MULTIPLES**
[72] BRUNTZ, JORDAN S., US
[72] LAFRENTZ, MICHAEL D., US
[72] GRIFFITH, SCOTT E., US
[71] MAYTAG CORPORATION, US
[22] 2000-04-19
[43] 2000-12-10
[30] US (09/329,584) 1999-06-10

[21] **2,306,984**
[13] A1

[51] **Int.Cl. 7G06F 12/14 7H04L 12/16**
[25] EN
[54] **SOFTWARE AUTHORIZATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'AUTORISATION D'UTILISATION DE LOGICIEL**
[72] COLLIER, KATHERINE D., US
[72] HARVILL, YOUNG, US
[72] BEAN, RICHARD, US
[71] PULSE ENTERTAINMENT, INC., US
[22] 2000-04-28
[43] 2000-12-16
[30] US (09/334,436) 1999-06-16

[21] **2,307,182**
[13] A1

[51] **Int.Cl. 7F21V 21/14**
[25] EN
[54] **HALOGEN TASKLIGHT**
[54] **LAMPE ARTICULEE A HALOGENE**
[72] SPITLER, BRIAN L., US
[72] QIAN, PEI SHENG, CN
[71] REGENT LIGHTING CORPORATION, US
[22] 2000-04-27
[43] 2000-12-15
[30] US (09/333,731) 1999-06-15

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[21] **2,307,300**
[13] A1

[51] **Int.Cl. 7G06F 17/24**
[25] EN
[54] **METHOD AND SYSTEM FOR PROOFREADING AND CORRECTING DICTATED TEXT**
[54] **METHODE ET SYSTEME DE RELECTURE ET DE CORRECTION DE TEXTE DICTE**
[72] VANBUSKIRK, RONALD E., US
[72] LEWIS, JAMES R., US
[72] KELLER, ARTHUR, US
[72] ORTEGA, KERRY A., US
[72] HANSON, GARY R., US
[72] BALLARD, BARBARA E., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-05-01
[43] 2000-12-11
[30] US (09/330,668) 1999-06-11

[21] **2,307,389**
[13] A1

[51] **Int.Cl. 7F01L 3/02 7F01L 3/08**
[25] EN
[54] **VALVE SEAL BODY INCLUDING ENCAPSULATED METAL SPRING SEAT AND METHOD FOR MAKING THE SAME**
[54] **BOITIER A BAGUES DE SOUPAPES COMPRENANT DES SIEGES DE RESSORT METALLIQUE ENCAPSULES, ET METHODE DE FABRICATION**
[72] MCARTHY, TROY, US
[72] HESHER, ERIC, US
[71] DANA CORPORATION, US
[22] 2000-05-02
[43] 2000-12-14
[30] US (09/332,324) 1999-06-14

[21] **2,307,528**
[13] A1

[51] **Int.Cl. 7F04D 29/60 7F04D 25/08**
[25] EN
[54] **SYSTEM FOR SUSPENDING A CEILING FAN**
[54] **SYSTEME DE SUSPENSION D'UN VENTILATEUR DE PLAFOND**
[72] PEARCE, RICHARD A., US
[72] MAGNO, JOSE MARIA D., JR., US
[71] HUNTER FAN COMPANY, US
[22] 2000-05-04
[43] 2000-12-15
[30] US (09/333,253) 1999-06-15

[21] **2,307,533**
[13] A1

[51] **Int.Cl. 7F04D 29/64**
[25] EN
[54] **SYSTEM FOR SUSPENDING A CEILING FAN**
[54] **SYSTEME DE SUSPENSION D'UN VENTILATEUR DE PLAFOND**
[72] PEARCE, RICHARD A., US
[71] HUNTER FAN COMPANY, US
[22] 2000-05-04
[43] 2000-12-15
[30] US (09/333,616) 1999-06-15

[21] **2,307,698**
[13] A1

[51] **Int.Cl. 7B60T 17/22 7G01M 17/08**
[25] EN
[54] **AUTOMATIC TEST CONNECTOR ADAPTER PLATE FOR AB PIPE BRACKET**
[54] **PLAQUE D'ADAPTATION DE CONNECTEUR DE VERIFICATION AUTOMATIQUE POUR BLOC DE COUPLAGE DE TUYAUTERIE AB**
[72] ANDREWS, LAWRENCE J., US
[72] SCOTT, DANIEL G., US
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 2000-05-05
[43] 2000-12-10
[30] US (330,109) 1999-06-10

[21] **2,307,818**
[13] A1

[51] **Int.Cl. 7C01B 11/02**
[25] EN
[54] **METHOD OF CHLORINE DIOXIDE PRODUCTION**
[54] **METHODE DE PRODUCTION DE DIOXYDE DE CHLORE**
[72] COSTA, MARIO LUIS, CA
[71] STERLING PULP CHEMICALS, LTD., CA
[22] 2000-05-08
[43] 2000-12-11
[30] US (60/138,580) 1999-06-11
[30] US (60/139,741) 1999-06-18

[21] **2,307,975**
[13] A1

[51] **Int.Cl. 7C01F 11/22 7G21F 9/30**
[25] EN
[54] **DEPLETED UF6 PROCESSING PLANT AND METHOD FOR PROCESSING DEPLETED UF6**
[54] **USINE DE TRAITEMENT DU UF6 APPAUVRI ET METHODE DE TRAITEMENT DU UF6 APPAUVRI**
[72] KOIZUMI, HIROMICHI, JP
[71] MITSUBISHI MATERIALS CORPORATION, JP
[22] 2000-01-31
[43] 2000-12-16
[30] JP (11-169443) 1999-06-16

[21] **2,307,995**
[13] A1

[51] **Int.Cl. 7H04B 15/00 7H04B 7/185**
[25] EN
[54] **MITIGATION OF CO-CHANNEL INTERFERENCE IN SYNCHRONIZATION BURSTS IN A MULTI-BEAM COMMUNICATION SYSTEM**
[54] **ATTENUATION DU BROUILLAGE DANS LE MEME CANAL DES SALVES DE SYNCHRONISATION D'UN SYSTEME DE COMMUNICATIONS MULTIFAISCEAU**
[72] WRIGHT, DAVID A., US
[72] CASO, GREGORY S., US
[72] LINSKY, STUART T., US
[71] TRW INC., US
[22] 2000-05-10
[43] 2000-12-11
[30] US (09/330,441) 1999-06-11

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[21] **2,308,036**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7A61P 19/00**
7A61P 31/00 7A61K 38/04 7C07K 7/08
7A61K 38/17

[25] EN

[54] **ANALOGUES OF**
LIPOPOLYSACCHARIDE-BINDING
PROTEIN (LBP)-DERIVED PEPTIDES
THAT EFFICIENTLY NEUTRALIZE
LIPOPOLYSACCHARIDES (LPS)
[54] ANALOGUES DE PEPTIDES
DERIVES DE PROTEINES FIXANT LES
LIPOPOLYSACCHARIDES (LBP),
LESDITS ANALOGUES POUVANT
NEUTRALISER EFFICACEMENT LES
LIPOPOLYSACCHARIDES (LPS)

[72] GUERRA VALLESPI, MARIBEL, CU

[72] REYES ACOSTA, OSVALDO, CU

[72] GLAY CHINEA, SANTIAGO, CU

[72] ARANA ROSAINZ, MANUEL DE

JESUS, CU

[71] CENTRO DE INGENIERIA

GENETICA Y BIOTECNOLOGIA, CU

[22] 2000-06-06

[43] 2000-12-10

[30] CU (71/99) 1999-06-10

[21] **2,308,321**
[13] A1

[51] **Int.Cl. 7B05B 1/26**

[25] EN

[54] **AIR ATOMIZING NOZZLE**
ASSEMBLY WITH IMPROVED AIR
CAP

[54] **BUSE DE PULVERISATION PAR**
L'AIR AVEC CHAPEAU D'AIR
AMELIORE

[72] HARUCH, JAMES, US

[71] SPRAYING SYSTEMS CO., US

[22] 2000-05-12

[43] 2000-12-11

[30] US (09/330,746) 1999-06-11

[21] **2,308,678**
[13] A1

[51] **Int.Cl. 7G02B 6/36 7G02B 6/42**

[25] EN

[54] **FIBER OPTIC LIGHTING SYSTEM**
CONNECTOR

[54] **CONNECTEUR DE SYSTEME**
D'ECLAIRAGE A FIBRE OPTIQUE

[72] STUPAR, JEFFREY M., US

[72] KOSCIK, RICHARD A., US

[72] SHEREYK, DAVID A., US

[72] BENOIT, THOMAS A., US

[72] LEVEY, KENNETH, US

[72] OLSON, WILLIAM J., US

[72] BELLA, JOSEPH J., US

[71] ILLINOIS TOOL WORKS INC., US

[22] 2000-05-17

[43] 2000-12-16

[30] US (09/334,388) 1999-06-16

[21] **2,308,809**
[13] A1

[51] **Int.Cl. 7B65C 9/10**

[25] EN

[54] **APPARATUS AND SYSTEM FOR**
HANDLING BANDEROLES

[54] **APPAREIL ET SYSTEME POUR LA**
MANUTENTION DE BANDEROLES

[72] SCHULTE, NORBERT, DE

[72] KRAMP, ROLF, DE

[72] JUNG, THOMAS, DE

[72] WURF, WOLFGANG, DE

[72] HERRMANN, RAINER, DE

[72] HERTRICH, HEIKO, DE

[71] BRITISH-AMERICAN TOBACCO

(GERMANY) GMBH, DE

[22] 2000-05-15

[43] 2000-12-11

[30] DE (199 26 713.8) 1999-06-11

[30] EP (00 102 160.9) 2000-02-08

[21] **2,308,827**
[13] A1

[51] **Int.Cl. 7H04L 12/66 7H04L 12/40**
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[25] EN

[54] **RING-BUS TECHNOLOGY**

[54] **TECHNOLOGIE ANNEAU-BUS**

[72] OLPE, PETER R., US

[71] TRW INC., US

[22] 2000-05-12

[43] 2000-12-11

[30] US (09/330,438) 1999-06-11

[21] **2,308,838**
[13] A1

[51] **Int.Cl. 7A47G 7/04**

[25] EN

[54] **HANGING PLANTER**

[54] **JARDINIERE SUSPENDUE**

[72] BESECKE, EDMUND E., DE

[71] BESECKE, EDMUND E., DE

[22] 2000-05-15

[43] 2000-12-10

[30] EP (99 111 001.6) 1999-06-10

[30] EP (00 103 676.3) 2000-02-22

[21] **2,308,847**
[13] A1

[51] **Int.Cl. 7F01D 5/06**

[25] EN

[54] **A GAS-TURBINE ROTOR**

[54] **ROTOR DE TURBINE A GAZ**

[72] ICHIRYU, TAKU, JP

[71] MITSUBISHI HEAVY INDUSTRIES,
LTD., JP

[22] 2000-05-18

[43] 2000-12-16

[30] JP (11-169904) 1999-06-16

[21] **2,308,931**
[13] A1

[51] **Int.Cl. 7A61B 18/14 7A61N 5/00**

[25] EN

[54] **AN ELECTROSURGICAL**
GENERATOR

[54] **GENERATEUR**

ELECTROCHIRURGICAL

[72] GOBLE, COLIN CHARLES OWEN,
GB

[72] AMOAH, FRANCIS, GB

[72] PENNY, KEITH, GB

[72] HANCOCK, CHRISTOPHER PAUL,
GB

[71] GYRUS MEDICAL LIMITED, GB

[22] 2000-05-19

[43] 2000-12-11

[30] GB (9913652.5) 1999-06-11

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[21] **2,309,014**
[13] A1
[51] **Int.Cl. 7H04L 7/00 7H04L 12/56**
[25] EN
[54] **SYNCHRONIZATION METHOD AND SYSTEM FOR KEEPING TRACK OF ENCODING HISTORY TO MAINTAIN DIGITAL SYSTEM SYNCHRONIZATION DURING COMMUNICATION OVER LOSSY TRANSMISSION MEDIA**
[54] **METHODE ET SYSTEME DE SYNCHRONISATION PERMETTANT DE SUIVRE L'HISTORIQUE DU CODAGE POUR MAINTENIR LA SYNCHRONISATION DE SYSTEMES NUMERIQUES PENDANT UNE COMMUNICATION SUR UN SUPPORT DE TRANSMISSION A PERTE**
[72] HO, WINGA, CA
[71] MITEL CORPORATION, CA
[22] 2000-05-23
[43] 2000-12-11
[30] GB (9913656.6) 1999-06-11

[21] **2,309,016**
[13] A1
[51] **Int.Cl. 7G02B 6/16**
[25] EN
[54] **FIBER OPTIC CABLE UNITS**
[54] **MODULES DE CABLE OPTIQUE**
[72] RUTTERMAN, DANIEL J., US
[72] HURLEY, WILLIAM C., US
[71] SIECOR OPERATIONS, LLC, US
[22] 2000-05-24
[43] 2000-12-10
[30] US (09/329,567) 1999-06-10

[21] **2,309,221**
[13] A1
[51] **Int.Cl. 7B27B 5/24**
[25] EN
[54] **TABLE SAW**
[54] **SCIE CIRCULAIRE D'ETABLI**
[72] DUNCANSON, DAVID E., US
[72] LIVINGSTON, SCOTT M., US
[72] MERHAR, CARL F., III, US
[72] BEAN, FREDERICK R., US
[72] AYALA, ADAN, US
[72] O'BANION, MICHAEL L., US
[72] PUZIO, DANIEL, US
[72] ROHR, LEWIS H., US
[72] GEHRET, ROBERT S., US
[72] WELSH, ROBERT P., US
[72] STUMPF, WILLIAM R., US
[72] PARKS, JAMES R., US
[71] BLACK & DECKER INC., US
[22] 2000-05-23
[43] 2000-12-10
[30] US (60/138,495) 1999-06-10

[21] **2,309,287**
[13] A1
[51] **Int.Cl. 7C08K 3/36 7C08K 5/5415**
[25] EN
[54] **RUBBER COMPOSITION WHICH CONTAINS IRREGULAR-SHAPED HOLLOW, INORGANIC PARTICLES AND ARTICLE HAVING COMPONENT THEREOF**
[54] **COMPOSITIONS DE CAOUTCHOUC CONTENANT DES PARTICULES INORGANIQUES CREUSES, DE FORME IRRÉGULIERE ET ARTICLE CONTENANT LEDIT COMPOSANT**
[72] MATERNE, THIERRY FLORENT EDME, US
[72] FRANK, UWE ERNST, LU
[72] KAES, CHRISTIAN, LU
[72] VISEL, FRIEDRICH, LU
[72] AGOSTINI, GIORGIO, LU
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2000-05-24
[43] 2000-12-16
[30] US (09/334,409) 1999-06-16

[21] **2,309,423**
[13] A1
[51] **Int.Cl. 7A23L 1/06 7A21D 6/00 7A23L 2/46 7A23L 2/84**
[25] EN
[54] **PROCESS FOR INCREASING THE FRUITY TASTE OF FOODSTUFFS**
[54] **PROCEDE POUR AUGMENTER LE GOUT FRUITE DE PRODUITS ALIMENTAIRES**
[72] REINL, HUBERT, DE
[72] SANTANA SUAREZ, RUBEN, DE
[72] BRIEGLEB, CHRISTOPH, DE
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[22] 2000-05-25
[43] 2000-12-15
[30] EP (99111578.3) 1999-06-15

[21] **2,309,459**
[13] A1
[51] **Int.Cl. 7H04N 7/173**
[25] EN
[54] **SYSTEM FOR PERSONALIZED FIELD OF VIEW IN A BROADCAST ENVIRONMENT**
[54] **SYSTEME DE REALISATION D'UN CADRAGE PERSONNALISE DANS UN ENVIRONNEMENT DE RADIODIFFUSION**
[72] WILNER, BARRY E., US
[72] DUNN, JAMES M., US
[72] STERN, EDITH H., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-05-25
[43] 2000-12-10
[30] US (09/329432) 1999-06-10

[21] **2,309,487**
[13] A1
[51] **Int.Cl. 7D06P 5/00 7D06B 1/02 7A47G 27/02 7D06B 1/14 7D06M 13/152**
[25] EN
[54] **METHOD AND APPARATUS FOR DYEING AND TREATING YARNS**
[54] **METHODE ET APPAREIL POUR TEINDRE ET TRAITER DES FILS**
[72] DESAI, PETER, US
[72] LOVELADY, JEFFREY, US
[71] MANNINGTON MILLS, INC., US
[22] 2000-05-26
[43] 2000-12-14
[30] US (09/333,156) 1999-06-14

[21] **2,309,779**
[13] A1
[51] **Int.Cl. 7A61M 16/00**
[25] FR
[54] **APPAREIL DE DIAGNOSTIC OU DE TRAITEMENT DES TROUBLES RESPIRATOIRES DU SOMMEIL ET PROCEDE DE FONCTIONNEMENT**
[54] **DEVICE FOR DIAGNOSING OR TREATING RESPIRATORY SLEEP DISORDERS AND OPERATING PROCEDURE**
[72] VEGA, ENRIQUE, FR
[71] TAEMA, FR
[22] 2000-05-25
[43] 2000-12-14
[30] FR (9907489) 1999-06-14

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[21] **2,309,789**
[13] A1

[51] **Int.Cl. 7H04B 10/18 7H04J 14/02**
[25] FR
[54] **COMPENSATION DE L'EFFET RAMAN PAR POMPAGE DANS UN SYSTEME DE TRANSMISSION A MULTIPLEXAGE EN LONGUEUR D'ONDE**
[54] **COMPENSATION FOR RAMAN EFFECT BY PUMPING IN WAVELENGTH DIVISION MULTIPLEXING TRANSMISSION SYSTEM**

[72] BIGO, SEBASTIEN, FR
[72] HAMAIDE, JEAN-PIERRE, FR
[72] GAUCHARD, STEPHANE, FR
[71] ALCATEL, FR
[22] 2000-05-26
[43] 2000-12-10
[30] FR (99 07 324) 1999-06-10

[21] **2,309,801**
[13] A1

[51] **Int.Cl. 7H04B 10/17**
[25] FR
[54] **AMPLIFICATEUR RAMAN HYBRIDE**
[54] **HYBRID RAMAN AMPLIFIER**
[72] BAYART, DOMINIQUE, FR
[71] ALCATEL, FR
[22] 2000-05-30
[43] 2000-12-10
[30] FR (99 07 323) 1999-06-10

[21] **2,310,157**
[13] A1

[51] **Int.Cl. 7F15B 13/042 7F15B 20/00 7F16K 31/12**
[25] EN
[54] **DOUBLE VALVE WITH ANTI-TIEDOWN CAPABILITY**
[54] **ROBINET DOUBLE AYANT LA PROPRIETE DE BLOQUER TEMPORAIREMENT LE FONCTIONNEMENT DU SYSTEME DE ROBINET DE COMMANDE**
[72] RUSSELL, NEIL E., US
[72] WOLFE, C. BRIAN, US
[72] MATHIS, LOGAN H., US
[72] HASELDEN, DAVID W., JR., US
[71] ROSS OPERATING VALVE COMPANY D/B/A/ ROSS CONTROLS, US
[22] 2000-05-30
[43] 2000-12-11
[30] US (09/330,937) 1999-06-11

[21] **2,310,201**
[13] A1

[51] **Int.Cl. 7G01N 21/952 7G01N 3/00 7G01M 17/02 7H04N 7/18**
[25] EN
[54] **SHEAROGRAPHIC IMAGING MACHINE**
[54] **MACHINE D'IMAGERIE DE SCISSION**
[72] LINDSAY, JOHN S., US
[72] GRIDLEY, JASON L., US
[71] BANDAG INCORPORATED, US
[22] 2000-05-29
[43] 2000-12-16
[30] US (09/334,311) 1999-06-16

[21] **2,310,207**
[13] A1

[51] **Int.Cl. 7A61K 31/195 7A61P 17/00 7A61K 31/315 7A61K 7/48 7A61K 9/70**
[25] EN
[54] **TOPICAL ZINC COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS TOPIQUES DE ZINC ET METHODES D'UTILISATION**
[72] GODFREY, HELEN R., US
[71] GODFREY, HELEN R., US
[22] 2000-05-29
[43] 2000-12-14
[30] US (09/332,508) 1999-06-14

[21] **2,310,242**
[13] A1

[51] **Int.Cl. 7H04Q 3/58**
[25] EN
[54] **METHOD AND APPARATUS ALLOWING REMOTE KEY SYSTEM UNITS TO INTEROPERATE**
[54] **METHODE ET APPAREIL PERMETTANT A DES UNITES DE SYSTEME A CLES A DISTANCE D'INTEROPERER**
[72] MACAULAY, ROBERT P., CA
[72] MEIJER, FRANK F., CA
[72] EGAN, BRIAN B., CA
[72] DOWSER, MICHAEL T., CA
[72] SOLAR, CHRISTOPHER R., CA
[72] THIBAUT, DANIEL D., CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-05-30
[43] 2000-12-11
[30] CA (2,274,205) 1999-06-11
[30] US (09/337,640) 1999-06-22

[21] **2,310,314**
[13] A1

[51] **Int.Cl. 7E05D 7/04**
[25] EN
[54] **HINGE FOR AN OPENING DOOR OR WINDOW FRAME**
[54] **CHARNIERE POUR PORTE OU CHASSIS DE FENETRE OUVRANTS**
[72] DI VINADIO, AIMONE BALBO, IT
[71] SAVIO SPA, IT
[22] 2000-05-30
[43] 2000-12-16
[30] IT (TO99A000521) 1999-06-16

[21] **2,310,315**
[13] A1

[51] **Int.Cl. 7E05D 7/04**
[25] EN
[54] **HINGE FOR AN OPENING DOOR OR WINDOW FRAME**
[54] **CHARNIERE POUR PORTE OU CHASSIS DE FENETRE OUVRANTS**
[72] DI VINADIO, AIMONE BALBO, IT
[71] SAVIO SPA, IT
[22] 2000-05-30
[43] 2000-12-16
[30] IT (TO99A000520) 1999-06-16

[21] **2,310,368**
[13] A1

[51] **Int.Cl. 7H04L 27/22**
[25] EN
[54] **SAMPLE TIMING CONTROL FOR DEMODULATION OF PHASE-MODULATED SIGNALS**
[54] **COMMANDE DE CADENCEMENT D'ECHANTILLONNAGE POUR LA DEMODULATION DE SIGNAUX A MODULATION DE PHASE**
[72] SARRAF, MOHSEN, US
[72] GOEDDEL, THOMAS WILLIAM, US
[72] TOBIAS, JONATHAN MICHAEL, US
[72] MATUSEVICH, ALEX, US
[72] TSAI, SHENG-JEN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-05-31
[43] 2000-12-10
[30] US (09/329,399) 1999-06-10

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[21] **2,310,393**
[13] A1

[51] **Int.Cl. 7H04J 11/00 7H04L 7/00**
[25] EN
[54] **OPTIMIZED SYNCHRONIZATION
PREAMBLE STRUCTURE**
[54] **STRUCTURE DE PREAMBULE A
SYNCHRONISATION OPTIMISEE**
[72] BOHNKE, RALF, DE
[72] DOLLE, THOMAS, DE
[72] KONSCHAK, TINO, DE
[71] SONY INTERNATIONAL (EUROPE)
GMBH, DE
[22] 2000-06-01
[43] 2000-12-16
[30] EP (99 111 684.9) 1999-06-16

[21] **2,310,403**
[13] A1

[51] **Int.Cl. 7B23K 20/10**
[25] EN
[54] **ULTRASONIC VIBRATION
BONDING MACHINE**
[54] **MACHINE A SOUDER PAR
VIBRATION ULTRASONIQUE**
[72] SATO, SHIGERU, JP
[72] KATSUMI, MITSUGU, JP
[72] NAKAI, SEIYA, JP
[71] ULTEX CORPORATION, JP
[22] 2000-05-30
[43] 2000-12-16
[30] JP (11-170343) 1999-06-16

[21] **2,310,419**
[13] A1

[51] **Int.Cl. 7B01J 31/22 7C07C 11/02
7C07C 13/02 7C07C 5/48**
[25] EN
[54] **PROCESS FOR PREPARING
ALKENES**
[54] **PROCEDE DE PREPARATION
D'ALCENES**
[72] ELDRIDGE, JOSEPHINE LOUISE,
US
[72] LINK, RICHARD DAVID, III, US
[72] VOLPE, ANTHONY FRANK JR., US
[71] ROHM AND HAAS COMPANY, US
[71] SUNOCO, INC. (R&M), US
[22] 2000-06-01
[43] 2000-12-11
[30] US (60/139,054) 1999-06-11

[21] **2,310,424**
[13] A1

[51] **Int.Cl. 7H04B 1/26**
[25] EN
[54] **N-PORT RECEIVER WITH RF/LO
ISOLATION**
[54] **RECEPTEUR A N PORTS AVEC
ISOLEMENT RF ET BF**
[72] KRUPCEVIC, DRAGAN, DE
[72] KONSCHAK, TINO, DE
[72] DOLLE, THOMAS, DE
[72] OBERSCHMIDT, GERALD, DE
[72] BRANKOVIC, VESELIN, DE
[72] ABE, MASAYOSHI, JP
[71] SONY CORPORATION, JP
[71] SONY INTERNATIONAL (EUROPE)
GMBH, DE
[22] 2000-06-01
[43] 2000-12-16
[30] EP (99 111 683.1) 1999-06-16

[21] **2,310,428**
[13] A1

[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **USING DECOUPLED POWER
CONTROL SUB-CHANNEL TO
CONTROL REVERSE-LINK CHANNEL
POWER**
[54] **UTILISATION DE LA SOUS-VOIE
DE COMMANDE DE PUISSANCE
DECOUPLEE POUR COMMANDER LA
PUISSANCE D'UNE VOIE DE LIAISON
DE RETOUR**
[72] LI, QUINN, US
[72] KUMAR, SARATH, US
[72] WU, XIAO CHENG, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-01
[43] 2000-12-11
[30] US (09/330,888) 1999-06-11

[21] **2,310,439**
[13] A1

[51] **Int.Cl. 7H04M 3/56 7H04M 11/06**
[25] EN
[54] **METHOD AND APPARATUS FOR
DYNAMICALLY EXCHANGING DATA
AMONG PARTICIPANTS TO A
CONFERENCE CALL**
[54] **METHODE ET DISPOSITIF DE
TRANSFERT DYNAMIQUE DE
DONNEES ENTRE PARTICIPANTS A
UN APPEL-CONFERENCE**
[72] IYER, PRAKASH, US
[72] BAUER, ERIC JONATHAN, US
[72] LAM, YUK-MING PETER, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-01
[43] 2000-12-10
[30] US (09/329,463) 1999-06-10

[21] **2,310,442**
[13] A1

[51] **Int.Cl. 7H04L 12/24**
[25] EN
[54] **METHOD AND APPARATUS FOR
DYNAMICALLY ALLOCATING
BANDWIDTH UTILIZATION IN A
PACKET TELEPHONY SYSTEM**
[54] **METHODE ET DISPOSITIF
D'ALLOCATION DYNAMIQUE DE
L'UTILISATION DE LA LARGEUR DE
BANDE DANS UN SYSTEME
TELEPHONIQUE A COMMUTATION
DE PAQUETS**
[72] LAM, YUK-MING PETER, US
[72] BAUER, ERIC JONATHAN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-01
[43] 2000-12-10
[30] US (09/329,464) 1999-06-10

[21] **2,310,443**
[13] A1

[51] **Int.Cl. 7H04B 10/04 7H04J 14/02**
[25] EN
[54] **WAVELENGTH STABILIZED,
TUNABLE OPTICAL TRANSMITTER
WITH HIGH SMSR**
[54] **EMETTEUR OPTIQUE
ACCORDABLE STABILISE EN
LONGUEUR D'ONDE AVEC RAPPORT
DE SUPPRESSION DES MODES
LATERAUX (SMSR) ELEVE**
[72] ACKERMAN, DAVID ALAN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-01
[43] 2000-12-11
[30] US (09/330,389) 1999-06-11

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[21] **2,310,486**
[13] A1

[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **PRIMARY TRANSFER FOR SIMPLEX MODE FORWARD-LINK HIGH-SPEED PACKET DATA SERVICES IN CDMA SYSTEMS**
[54] **TRANSFERT PRIMAIRE POUR SERVICES DE TRANSMISSION A HAUTE VITESSE DE DONNEES PAR PAQUETS DE LIAISON AVAL EN MODE SIMPLEX DANS LES SYSTEMES AMRC**
[72] RUBIN, HARVEY, US
[72] NANDA, SANJIV, US
[72] KUMAR, SARATH, US
[72] VITEBSKY, STANLEY, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-01
[43] 2000-12-11
[30] US (09/332,274) 1999-06-11

[21] **2,310,545**
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/30**
[25] EN
[54] **WIRELESS COMMUNICATIONS USING CIRCUIT-ORIENTED AND PACKET-ORIENTED FRAME SELECTION/DISTRIBUTION FUNCTIONS**
[54] **COMMUNICATIONS SANS FIL UTILISANT DES FONCTIONS DE SELECTION/DISTRIBUTION DE TRAMES PAR COMMUTATION DE CIRCUITS ET COMMUTATION DE PAQUETS**
[72] RUBIN, HARVEY, US
[72] BERLINER, EDWARD FREDERICK, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-02
[43] 2000-12-11
[30] US (09/330,509) 1999-06-11

[21] **2,310,714**
[13] A1

[51] **Int.Cl. 7C07C 233/52 7C07C 213/00 7C07C 227/08 7C07C 231/14 7C07C 229/48 7C07C 209/60 7C07C 309/66**
[25] EN
[54] **PROCESS FOR PREPARING NEURAMINIDASE INHIBITOR RO-64-0796**
[54] **PROCEDE DE PREPARATION DE L'INHIBITEUR RO-64-0796 DE LA NEURAMINIDASE**
[72] TRUSSARDI, RENE, CH
[72] KARPf, MARTIN, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2000-06-06
[43] 2000-12-11
[30] EP (99111418.2) 1999-06-11
[30] EP (00103588.0) 2000-02-21

[21] **2,310,525**
[13] A1

[51] **Int.Cl. 7F16K 31/122 7F15B 13/042 7F04B 49/22**
[25] EN
[54] **PILOT CONTROL VALVE FOR CONTROLLING A RECIPROCATING PUMP**
[54] **ROBINET PILOTE POUR COMMANDER UNE POMPE A PISTON**
[72] GUCCIONE, RAY A., SR., US
[72] ELLIOTT, ANDREW C., US
[71] CHECKPOINT FLUIDIC SYSTEMS INTERNATIONAL, LTD., US
[22] 2000-06-02
[43] 2000-12-11
[30] US (09/330,470) 1999-06-11

[21] **2,310,707**
[13] A1

[51] **Int.Cl. 7C07D 307/33**
[25] EN
[54] **PROCESS FOR RECOVERING GAMMA-BUTYROLACTONE FROM A MIXTURE OF HEAVY ORGANICS**
[54] **PROCEDE POUR RECUPERER LA GAMMA-BUTYROLACTONE D'UN MELANGE DE COMPOSES ORGANIQUES LOURDS**
[72] GERBERICH, H. ROBERT, US
[72] GARRETT-WALLACE, NICOLE, US
[72] SITZ, DEBORAH A., US
[72] WARNER, R. JAY, US
[72] WINDHORST, KENNETH A., US
[71] CELANESE INTERNATIONAL CORPORATION, US
[22] 2000-06-06
[43] 2000-12-15
[30] US (09/333,587) 1999-06-15

[21] **2,310,757**
[13] A1

[51] **Int.Cl. 7B62D 63/06 7A62B 37/00 7A61G 3/00**
[25] EN
[54] **APPARATUS FOR TRANSPORTING INJURED PERSONS**
[54] **TRANSPORTEUR DE BLESSES**
[72] SPECKLE, HANS, AT
[72] OSTERLE, MANFRED, AT
[71] INNOVA PATENT GMBH, AT
[22] 2000-06-06
[43] 2000-12-10
[30] AT (A 1027/99) 1999-06-10

[21] **2,310,768**
[13] A1

[51] **Int.Cl. 7B42D 15/10 7G07D 7/12**
[25] EN
[54] **AN OPTICAL AUTHENTICITY FEATURE**
[54] **FONCTION D'AUTHEENTICITE OPTIQUE**
[72] DAUSMANN, GUNTHER, DE
[72] YANG, ZISHAO, DE
[71] HSM HOLOGRAPHIC SYSTEMS MUNCHEN GMBH, DE
[22] 2000-06-06
[43] 2000-12-11
[30] DE (199 26 689.1) 1999-06-11

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[21] **2,310,772**
[13] A1

[51] **Int.Cl. 7H04L 12/40 7G06F 13/362**
[25] EN
[54] **SYSTEM ARCHITECTURE FOR ELECTRONIC DEVICES**
[54] **ARCHITECTURE DE SYSTEME POUR DISPOSITIFS ELECTRONIQUES**
[72] YEATON, ANDREW L., CA
[72] WIECZORKIEWICZ, JERZY, CA
[71] MITEL CORPORATION, CA
[22] 2000-06-06
[43] 2000-12-11
[30] GB (9913676.4) 1999-06-11

[21] **2,310,783**
[13] A1

[51] **Int.Cl. 7H04Q 7/24 7H04L 12/66**
[25] EN
[54] **PCS-TO-MOBILE IP INTERNET WORKING**
[54] **INTERRESEAUTAGE IP ENTRE RESEAU SCP ET STATIONS MOBILES**
[72] VARMA, VIJAY K., US
[72] CHANG, LI-FUNG, US
[71] TELCORDIA TECHNOLOGIES, INC., US
[22] 2000-06-06
[43] 2000-12-16
[30] US (60/139,471) 1999-06-16

[21] **2,310,798**
[13] A1

[51] **Int.Cl. 7E02F 3/40**
[25] EN
[54] **CLAM BUCKET FOR USE IN PIPELINE PADDING**
[54] **BENNE PRENEUSE POUR UTILISATION DANS LE REMBOURRAGE DES PIPELINES**
[72] CRONK, THOMAS J., JR., US
[71] CRONK, THOMAS J., JR., US
[22] 2000-06-06
[43] 2000-12-10
[30] US (09/329,739) 1999-06-10

[21] **2,310,813**
[13] A1

[51] **Int.Cl. 7H04L 12/26 7H04L 12/24 7H04L 12/56**
[25] EN
[54] **APPARATUS AND METHOD OF MONITORING A QUEUE STATE IN AN ASYNCHRONOUS TRANSFER MODE SWITCH**
[54] **DISPOSITIF ET METHODE DE SURVEILLANCE D'ETAT DE FILE D'ATTENTE DANS UN COMMUTATEUR A MODE DE TRANSFERT ASYNCHRONE**
[72] JOO, SANG-WAN, KR
[72] CHUNG, NAE-HO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2000-06-07
[43] 2000-12-16
[30] KR (22452/1999) 1999-06-16

[21] **2,310,822**
[13] A1

[51] **Int.Cl. 7A61B 18/08 7A61N 1/32**
[25] EN
[54] **ABLATION TREATMENT OF BONE METASTASES**
[54] **TRAITEMENT PAR ABLATION DE METASTASES OSSEUSES**
[72] RITTMAN, WILLIAM J., III, US
[72] COSMAN, ERIC R., US
[71] SHERWOOD SERVICES AG, CH
[22] 2000-06-07
[43] 2000-12-11
[30] US (60/138,961) 1999-06-11

[21] **2,310,860**
[13] A1

[51] **Int.Cl. 7A47C 19/00 7A47C 19/04**
[25] EN
[54] **MODULAR BED FRAME**
[54] **CHASSIS DE LIT MODULAIRE**
[72] THOMSON, CHARLES, US
[71] THOMSON, CHARLES, US
[22] 2000-06-06
[43] 2000-12-16
[30] US (09/334,434) 1999-06-16

[21] **2,310,882**
[13] A1

[51] **Int.Cl. 7H04J 14/02 7H04B 10/17 7H04B 10/20 7H04L 12/42**
[25] EN
[54] **BROADBAND AMPLIFIED WDM RING**
[54] **ANNEAU MRL AVEC AMPLIFICATEUR A LARGE BANDE**
[72] ROTTWITT, KARSTEN, US
[72] ANDERSON, JON, US
[72] DIGIOVANNI, DAVID JOHN, US
[72] BROBERG, ROBERT MARIO, US
[72] ADAMS, LAURA ELLEN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-05
[43] 2000-12-15
[30] US (09/334,047) 1999-06-15

[21] **2,310,886**
[13] A1

[51] **Int.Cl. 7G06F 13/40 7H04B 3/36**
[25] EN
[54] **APPARATUS FOR MAXIMIZING THE NUMBER OF HIGH SPEED EXTERNAL COMPUTER DATA STORAGE DEVICES COUPLED TO A LOW VOLTAGE DIFFERENTIAL SCSI BUS**
[54] **APPAREIL POUR MAXIMISER LE NOMBRE D'UNITES DE MEMOIRE EXTERNES A GRANDE VITESSE COUPLEES A UN BUS SCSI DIFFERENTIEL A BASSE TENSION**
[72] PAUL, DIETER G., US
[71] KINGSTON TECHNOLOGY CORPORATION, US
[22] 2000-06-05
[43] 2000-12-14
[30] US (09/332,015) 1999-06-14

[21] **2,310,897**
[13] A1

[51] **Int.Cl. 7H04Q 7/34**
[25] EN
[54] **METHOD AND APPARATUS FOR THE DETECTION OF A REDUCTION IN CAPACITY OF A CDMA SYSTEM**
[54] **METHODE ET APPAREIL DE DETECTION D'UNE REDUCTION DE CAPACITE DANS UN SYSTEME AMRC**
[72] WING, THOMAS E., US
[72] MADON, JAMES JOHN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-06
[43] 2000-12-15
[30] US (09/333,009) 1999-06-15

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[21] **2,310,898**
[13] A1

[51] **Int.Cl. 7A61F 2/30 7A61F 2/36**
[25] EN
[54] **FASTENER FOR A MODULAR IMPLANT**
[54] **ATTACHE POUR IMPLANT MODULAIRE**
[72] RENZ, RICHARD L., US
[72] ROZOW, STEPHEN III, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[22] 2000-06-05
[43] 2000-12-16
[30] US (09/334,402) 1999-06-16

[21] **2,310,904**
[13] A1

[51] **Int.Cl. 7B60N 2/26**
[25] EN
[54] **CHILD SAFETY SEAT**
[54] **SIEGE DE SECURITE D'ENFANT**
[72] BURLEIGH, DAVID WILLIAM, GB
[72] BALOGA, THOMAS CHARLES, US
[71] BRITAX CHILD SAFETY INC., US
[22] 2000-06-02
[43] 2000-12-10
[30] US (60/138457) 1999-06-10

[21] **2,310,907**
[13] A1

[51] **Int.Cl. 7H04L 12/26 7H04L 12/24**
[25] EN
[54] **CREATING A SPANNING TREE OF A NETWORK INCLUDING CLUSTERS**
[54] **CREATION D'UN ARBRE MAXIMAL DE RESEAU COMPRENANT DES TYPES**
[72] RODRIG, BENNY, US
[72] SHABTAY, LIOR, IL
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-06
[43] 2000-12-15
[30] US (09/333,403) 1999-06-15

[21] **2,310,909**
[13] A1

[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **PACKET SWITCHING APPARATUS AND METHOD IN DATA NETWORK**
[54] **APPAREILLAGE ET METHODE DE COMMUTATION PAR PAQUETS DANS UN RESEAU DE DONNEES**
[72] JOUNG, JINOO, KR
[72] DOH, KI-JONG, KR
[72] WOO, KYUNG-IL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2000-06-07
[43] 2000-12-12
[30] KR (21940/1999) 1999-06-12
[30] KR (60235/1999) 1999-12-22

[21] **2,310,925**
[13] A1

[51] **Int.Cl. 7B32B 27/08 7B65D 1/00 7B32B 7/12 7B65D 1/28 7B65D 65/40**
[25] EN
[54] **MULTILAYERED STRUCTURE**
[54] **STRUCTURE MULTICOUCHE**
[72] HAYASHI, NAHOTO, JP
[72] SHIMO, HIROYUKI, JP
[72] NEMOTO, KAORU, JP
[72] NEGISHI, KAZUHIKO, JP
[71] KURARAY CO., LTD., JP
[22] 2000-06-07
[43] 2000-12-11
[30] JP (11-164956) 1999-06-11
[30] JP (11-236424) 1999-08-24

[21] **2,310,927**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 19/00**
[25] EN
[54] **SMART BOOKMARKS FOR SMALL FOOTPRINT DEVICE APPLICATIONS**
[54] **SIGNETS INTELLIGENTS POUR APPLICATIONS DE DISPOSITIFS A PETITE EMPREINTE**
[72] BAKER, MARK, CA
[71] SUN MICROSYSTEMS, INC., US
[22] 2000-06-07
[43] 2000-12-15
[30] US (09/333,421) 1999-06-15

[21] **2,310,933**
[13] A1

[51] **Int.Cl. 7G06F 12/02 7G06F 17/30**
[25] EN
[54] **CACHING OF REDUCED FORMS OF WEB PAGES ON A SMALL FOOTPRINT DEVICE**
[54] **MISE EN MEMOIRE CACHE DE FORMES REDUITES DE PAGES WEB DANS UN DISPOSITIF A PETITE EMPREINTE**
[72] GRAHAM, NEIL, CA
[72] LEDUC, KEVIN, CA
[71] SUN MICROSYSTEMS, INC., US
[22] 2000-06-07
[43] 2000-12-15
[30] US (09/334,010) 1999-06-15

[21] **2,310,949**
[13] A1

[51] **Int.Cl. 7H04B 10/20 7H04J 14/02 7H04L 12/42**
[25] EN
[54] **WIDEBAND OPTICAL PACKET RING NETWORK**
[54] **RESEAU A ANNEAU OPTIQUE PERMETTANT LA TRANSMISSION DE PAQUETS SUR LARGE BANDE**
[72] BROBERG, ROBERT MARIO, US
[72] ADAMS, LAURA ELLEN, US
[72] ANDERSON, JON, US
[72] BRINKMAN, WILLIAM FRANK, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-05
[43] 2000-12-15
[30] US (09/333,406) 1999-06-15

[21] **2,310,952**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**
[25] EN
[54] **ESTIMATION OF A WORK ITEM'S WAIT-TIME FROM THE PRESENT STAGES OF PROCESSING OF PRECEDING WORK ITEMS**
[54] **EVALUATION DU TEMPS D'ATTENTE D'UN APPEL A PARTIR DE L'ETAT DU TRAITEMENT D'APPELS ANTERIEURS**
[72] FOSTER, ROBIN H., US
[72] FLOCKHART, ANDREW D., US
[72] MATHEWS, EUGENE P., US
[72] ANDERSON, GREGORY L., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-05
[43] 2000-12-15
[30] US (09/333,215) 1999-06-15

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[21] **2,310,959**
[13] A1
[51] **Int.Cl. 7E21B 43/22 7E21B 43/16**
[25] EN
[54] **HUFF AND PUFF PROCESS UTILIZING NITROGEN GAS**
[54] **PROCEDE CYCLIQUE A L'AZOTE GAZEUX**
[72] MILLER, BERNARD J., US
[71] NITROGEN OIL RECOVERY SYSTEMS, L.L.C., US
[22] 2000-06-07
[43] 2000-12-10
[30] US (60/138,441) 1999-06-10
[30] US (09/358,174) 1999-07-20

[21] **2,310,965**
[13] A1
[51] **Int.Cl. 7H04L 12/18 7H04B 7/185 7H04L 12/24**
[25] EN
[54] **SATELLITE MULTICAST PERFORMANCE ENHANCING MULTICAST HTTP PROXY SYSTEM AND METHOD**
[54] **METHODE ET SYSTEME MANDATAIRE HTTP DE MULTIDIFFUSION AMELIORANT LES PERFORMANCES D'UN SERVICE DE MULTIDIFFUSION PAR SATELLITE**
[72] DILLON, DOUGLAS M., US
[72] GASKE, T. PAUL, US
[71] HUGHES ELECTRONICS CORPORATION, US
[22] 2000-06-05
[43] 2000-12-10
[30] US (60/138,496) 1999-06-10
[30] US (09/498,936) 2000-02-04

[21] **2,310,967**
[13] A1
[51] **Int.Cl. 7F01L 1/20 7B60S 5/00**
[25] EN
[54] **CAMSHAFT LASH ADJUSTMENT PROCESS AND SYSTEM FOR INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE ET SYSTEME DE RATRAPAGE DE JEU D'ARBRE A CAMES POUR MOTEUR A COMBUSTION INTERNE**
[72] DURFEE, THOMAS, US
[72] WAGEL, THOMAS, US
[72] RONZI, WILLIAM, US
[72] MUTER, DOREEN, US
[72] CANTRELL, DOUGLAS JR., US
[71] FORD GLOBAL TECHNOLOGIES, INC., US
[22] 2000-06-05
[43] 2000-12-14
[30] US (09/332,374) 1999-06-14

[21] **2,310,968**
[13] A1
[51] **Int.Cl. 7H02G 3/08**
[25] EN
[54] **ADJUSTABLE ELECTRICAL DIVIDER**
[54] **SEPARATEUR REGLABLE POUR BOITIER ELECTRIQUE**
[72] DUVAL, GUY J.A., CA
[71] IPEX INC., CA
[22] 2000-06-05
[43] 2000-12-15
[30] US (09/332,993) 1999-06-15

[21] **2,310,972**
[13] A1
[51] **Int.Cl. 7H04J 14/02 7H04B 10/14**
[25] EN
[54] **OPTICAL ADD-DROP MODULE WITH LOW LOSS AND HIGH ISOLATION**
[54] **MODULE OPTIQUE D'INSERTION/EXTRACTION A FAIBLES PERTES ET ISOLEMENT ELEVE**
[72] ANDERSON, JON, US
[72] ADAMS, LAURA ELLEN, US
[72] LENZ, GADI, US
[72] BROBERG, ROBERT MARIO, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-05
[43] 2000-12-15
[30] US (09/333,407) 1999-06-15

[21] **2,310,977**
[13] A1
[51] **Int.Cl. 7H01L 23/40 7H05K 7/20 7H01L 23/36**
[25] EN
[54] **LGA CLAMP MECHANISM**
[54] **MECANISME DE VERROUILLAGE DE BOITIER LGA**
[72] GOODWIN, JONATHAN W., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2000-06-07
[43] 2000-12-11
[30] US (09/330,402) 1999-06-11

[21] **2,310,984**
[13] A1
[51] **Int.Cl. 7C07C 333/10 7C07C 333/26 7C07C 335/28**
[25] EN
[54] **PROCESS FOR MANUFACTURING N-ALKOXY (OR ARYLOXY)CARBONYL ISOTHIOCYANATE DERIVATIVES USING N, N-DIALKYLARYLAMINE AS CATALYST**
[54] **PROCEDE DE PRODUCTION DE DERIVES DE N-ALCOXYCARBONYLSISOTHIOCYANATE (OU DE N-ALCOXYARYLOXYCARBONYLSISOTHIOCYANATE) AVEC DE LA N,N-DIALKYLARYLAMINE COMME CATALYSEUR**
[72] KULKARNI, SHEKHAR V., US
[71] BAYER CORPORATION, US
[22] 2000-06-05
[43] 2000-12-10
[30] US (09/329,744) 1999-06-10

[21] **2,310,985**
[13] A1
[51] **Int.Cl. 7C07C 333/10 7C07C 333/26 7C07C 335/28**
[25] EN
[54] **PROCESS FOR MANUFACTURE OF N-ALKOXY (OR ARYLOXY)CARBONYL ISOTHIOCYANATE DERIVATIVES IN THE PRESENCE OF N,N-DIALKYLARYLAMINE CATALYST AND AQUEOUS SOLVENT**
[54] **PROCEDE DE PRODUCTION DE DERIVES DE N-ALCOXYCARBONYLSISOTHIOCYANATE (OU DE N-ALCOXYARYLOXYCARBONYLSISOTHIOCYANATE) EN PRESENCE DE N,N-DIALKYLARYLAMINE COMME CATALYSEUR ET D'UN SOLVANT AQUEUX**
[72] DESAI, VIJAY C., US
[72] KULKARNI, SHEKHAR V., US
[71] BAYER CORPORATION, US
[22] 2000-06-05
[43] 2000-12-10
[30] US (09/329,405) 1999-06-10

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[21] **2,310,997**
[13] A1

[51] **Int.Cl. 7H03M 13/29 7H04B 7/185 7H04L 1/22**
[25] EN
[54] **A METHOD OF ENCODING A CELL BY A PRODUCT CODE, FOR A SATELLITE APPLICATION**
[54] **METHODE DE CODAGE DE CELLULE AU MOYEN D'UN CODE DE PRODUIT, POUR UNE APPLICATION A SATELLITE**
[72] LEMOIS, EMMANUEL, FR
[72] BUDA, FABIEN, FR
[71] ALCATEL, FR
[22] 2000-06-08
[43] 2000-12-11
[30] EP (99 440 140.4) 1999-06-11

[21] **2,311,004**
[13] A1

[51] **Int.Cl. 7G06K 19/07 7G11C 7/00 7G06F 17/60**
[25] EN
[54] **IC CARD**
[54] **CARTE A CIRCUIT INTEGRE**
[72] SHIRO, TERUAKI, JP
[72] HIROSAWA, EIJI, JP
[72] KANEKO, TAICHI, JP
[71] DAI NIPPON PRINTING CO., LTD., JP
[22] 2000-06-08
[43] 2000-12-11
[30] JP (1999-164571) 1999-06-11

[21] **2,311,005**
[13] A1

[51] **Int.Cl. 7G07F 19/00 7G05G 1/00 7H01H 3/00**
[25] EN
[54] **AN AUTOMATIC TELLER MACHINE**
[54] **GUICHET BANCAIRE AUTOMATIQUE**
[72] HARADA, KOUICHI, JP
[72] MATSUDA, TAKASHI, JP
[72] AKIYAMA, KAZUYA, JP
[72] MIYASHITA, KAZUO, JP
[72] MIZUMOTO, KENJIROU, JP
[72] TAKISHIMA, KAZUHIKO, JP
[72] OSADA, KAZUYA, JP
[71] NEC CORPORATION, JP
[22] 2000-06-08
[43] 2000-12-11
[30] JP (11-165413) 1999-06-11

[21] **2,311,016**
[13] A1

[51] **Int.Cl. 7H05F 3/00**
[25] EN
[54] **STATIC SHOCK PREVENTING DEVICE**
[54] **DISPOSITIF ANTISTATIQUE CORPOREL**
[72] BERIBISKY, VLADIMIR, CA
[71] BERIBISKY, VLADIMIR, CA
[22] 2000-06-08
[43] 2000-12-14
[30] US (60/138,661) 1999-06-14

[21] **2,311,017**
[13] A1

[51] **Int.Cl. 7B41J 2/485**
[25] EN
[54] **RECORDING HEAD, SUBSTRATE FOR USE OF RECORDING HEAD, AND RECORDING APPARATUS**
[54] **TETE D'ENREGISTREMENT, SUBSTRAT DE TETE D'ENREGISTREMENT ET ENREGISTREUR**
[72] SAITO, ICHIRO, JP
[72] ISHINAGA, HIROYUKI, JP
[72] IMANAKA, YOSHIYUKI, JP
[72] TANEYA, YOICHI, JP
[72] MOCHIZUKI, MUGA, JP
[72] MATSUMOTO, NOBUYUKI, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2000-06-08
[43] 2000-12-14
[30] JP (11-167375) 1999-06-14

[21] **2,311,023**
[13] A1

[51] **Int.Cl. 7H04J 14/02**
[25] EN
[54] **A METHOD OF TRANSMITTING DATA VIA AN OPTICAL WDM TRANSMISSION SYSTEM AND A WDM TRANSMISSION SYSTEM**
[54] **METHODE DE TRANSMISSION DE DONNEES PAR SYSTEME DE TRANSMISSION MRL OPTIQUE ET SYSTEME DE TRANSMISSION MRL**
[72] BULOW, HENNING, DE
[71] ALCATEL, FR
[22] 2000-06-08
[43] 2000-12-16
[30] DE (199 27 451.7) 1999-06-16

[21] **2,311,037**
[13] A1

[51] **Int.Cl. 7B32B 27/08 7B05D 5/00 7B05C 17/02 7B05D 7/24 7B05D 1/38**
[25] EN
[54] **FORMATION OF ORIENTED MULTILAYER POLYMERIC FILMS**
[54] **FORMATION DE FILMS POLYMERES MULTICOUCHES ORIENTES**
[72] CHTOUROU, HALIM, CA
[71] H.C.H. POLYMERES TECHNOLOGIES, INC., CA
[22] 2000-06-12
[43] 2000-12-10
[30] CA (2,274,384) 1999-06-10

[21] **2,311,039**
[13] A1

[51] **Int.Cl. 7A61K 31/19 7A61P 29/00 7A61K 9/08 7A61K 9/10 7A61K 31/137**
[25] EN
[54] **RAPIDLY ABSORBED LIQUID COMPOSITIONS**
[54] **COMPOSITIONS LIQUIDES RAPIDEMENT ABSORBEES**
[72] PENDLEY, CHARLES E., II, US
[72] GELOTTE, CATHY KLECH, US
[72] SHAH, MANOJ N., US
[72] HILLS, JOANNA F., US
[71] MCNEIL-PPC, INC., US
[22] 2000-06-09
[43] 2000-12-10
[30] US (09/329,900) 1999-06-10

[21] **2,311,042**
[13] A1

[51] **Int.Cl. 7C25B 1/26**
[25] EN
[54] **ELECTROLYSIS PROCESS**
[54] **PROCESSUS D'ELECTROLYSE**
[72] ZIEGLER, HELMUT, DE
[72] PINTER, HANS-DIETER, DE
[72] GESTERMANN, FRITZ, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-06-09
[43] 2000-12-12
[30] DE (19926887.8) 1999-06-12

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[21] **2,311,045**
[13] A1

[51] **Int.Cl. 7C07C 275/60 7C07D 273/04 7C09D 175/12 7C07D 251/34**
[25] EN
[54] **LIGHT-FAST POLYISOCYANATES HAVING GOOD SOLUBILITY IN NON-POLAR SOLVENTS**
[54] **POLYISOCYANATES RESISTANT A LA LUMIERE POSSEDANT UNE BONNE SOLUBILITE DANS LES SOLVANTS NON POLAIRES**
[72] LAAS, HANS-JOSEF, DE
[72] MERTES, HARALD, DE
[72] SCHMALSTIEG, LUTZ, DE
[72] JAHN, REINHARD, DE
[72] DANIELMEIER, KARSTEN, US
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-06-12
[43] 2000-12-16
[30] DE (19927411.8) 1999-06-16

[21] **2,311,048**
[13] A1

[51] **Int.Cl. 7A45D 44/22 7G05D 7/01**
[25] EN
[54] **MULTI-PURPOSE TISSUE RESURFACING HAND PIECE**
[54] **PIECE A MAIN POLYVALENTE DE RESURFACAGE DES TISSUS**
[72] KARKAR, MAURICE N., US
[72] MURI, JOHN I., US
[71] KARKAR, MAURICE N., US
[71] MURI, JOHN I., US
[22] 2000-06-08
[43] 2000-12-10
[30] US (09/329,666) 1999-06-10

[21] **2,311,050**
[13] A1

[51] **Int.Cl. 7G01M 11/02**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATIC NON-CONTACT MEASUREMENTS OF OPTICAL PROPERTIES OF OPTICAL OBJECTS**
[54] **METHODE ET SYSTEME DE MESURE SANS CONTACT DE PROPRIETES OPTIQUES D'OBJETS OPTIQUES**
[72] VOKHMIN, PETER A., IL
[71] PROLASER LTD., IL
[22] 2000-06-12
[43] 2000-12-14
[30] IL (130465) 1999-06-14

[21] **2,311,061**
[13] A1

[51] **Int.Cl. 7H01L 21/20 7H01L 21/203**
[25] EN
[54] **MOLECULAR BEAM EPITAXY (MBE) GROWTH OF SEMI-INSULATING C-DOPED GAN**
[54] **CROISSANCE PAR EPITAXIE EN FAISCEAU MOLECULAIRE (MBE) DE GAN SEMI-ISOLANT DOPE AU CARBONE**
[72] WEBB, JAMES BRIAN, CA
[72] TANG, HAIPENG, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2000-06-08
[43] 2000-12-11
[30] US (60/138,583) 1999-06-11

[21] **2,311,063**
[13] A1

[51] **Int.Cl. 7H04N 5/30 7G09G 5/393**
[25] EN
[54] **IMAGING APPARATUS HAVING VIDEO MEMORY FUNCTION**
[54] **APPAREIL D'IMAGERIE A FONCTION DE MEMOIRE VIDEO**
[72] SUBE, MAKOTO, JP
[72] KOBAYASHI, MASAKI, JP
[71] MATSUSHITA ELECTRICAL INDUSTRIAL CO., LTD., JP
[22] 2000-06-08
[43] 2000-12-15
[30] JP (HEI. 11-168692) 1999-06-15

[21] **2,311,070**
[13] A1

[51] **Int.Cl. 7H01B 1/00 7H01M 10/24**
[25] EN
[54] **IONICALLY CONDUCTING MOLECULE, IONIC CONDUCTOR AND PROCESS FOR PRODUCING THE SAME**
[54] **MOLECULE CONDUCTRICE D'IONS, CONDUCTEUR IONIQUE ET PROCEDE POUR PRODUIRE CE DERNIER**
[72] MEHTA, MARY ANNE, JP
[72] FUJINAMI, TATSUO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[71] GENESIS RESEARCH INSTITUTE, INC., JP
[22] 2000-06-08
[43] 2000-12-11
[30] JP (11-165115) 1999-06-11
[30] JP (11-322785) 1999-11-12

[21] **2,311,074**
[13] A1

[51] **Int.Cl. 7B26B 13/00**
[25] EN
[54] **SCISSORS HAVING AN ACTION PLATE**
[54] **CISEAUX POURVUS D'UNE PLAQUETTE DE DECLENCHEMENT**
[72] BONING, HELMUT, DE
[71] DOVO STAHLWAREN BRACHT GMBH & CO. KG, DE
[22] 2000-06-08
[43] 2000-12-10
[30] DE (299 10 126.6) 1999-06-10

[21] **2,311,086**
[13] A1

[51] **Int.Cl. 7C09K 3/18**
[25] EN
[54] **QUICK ACTING ICE MELTER COMPOSITION**
[54] **COMPOSITION DE FONDANT A ACTION RAPIDE**
[72] STEINHAUSER, NORBERT J., US
[72] OSSIAN, KENNETH C., US
[71] OSSIAN, INC., US
[22] 2000-06-09
[43] 2000-12-16
[30] US (09/334,095) 1999-06-16

[21] **2,311,087**
[13] A1

[51] **Int.Cl. 7A63F 13/10**
[25] EN
[54] **METHOD FOR EXECUTING KNOCK-AWAY STACKED-BLOCK GAME, GAME MACHINE USING THE METHOD, AND RECORDING MEDIUM PROVIDED WITH THE SAME**
[54] **METHODE D'EXECUTION D'UN JEU DE DESTRUCTION DE BLOCS EMPILES, MACHINE DE JEU FAISANT APPEL A CETTE METHODE ET SUPPORT D'ENREGISTREMENT CONNEXE**
[72] NAGATA, AKIHIKO, JP
[71] KONAMI CO., LTD., JP
[22] 2000-06-09
[43] 2000-12-12
[30] JP (11-202124) 1999-06-12

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[21] **2,311,089**
[13] A1

[51] **Int.Cl. 7A63F 13/10**
[25] EN
[54] **TARGET-GAME EXECUTION METHOD, GAME MACHINE, AND RECORDING MEDIUM**
[54] **METHODE D'EXECUTION DE JEU DE CIBLE, MACHINE DE JEU ET SUPPORT D'ENREGISTREMENT**
[72] NAGATA, AKIHIKO, JP
[71] KONAMI CO., LTD., JP
[22] 2000-06-09
[43] 2000-12-12
[30] JP (11-202123) 1999-06-12

[21] **2,311,090**
[13] A1

[51] **Int.Cl. 7E06B 7/08**
[25] EN
[54] **SHUTTER SYSTEM AND PIVOTING CONNECTORS**
[54] **SYSTEME DE PERSIENNES ET RACCORDS ARTICULES**
[72] LEE, HAN-SEN, TW
[71] LEE, HAN-SEN, TW
[22] 2000-06-09
[43] 2000-12-11
[30] US (09/330,884) 1999-06-11

[21] **2,311,094**
[13] A1

[51] **Int.Cl. 7A63F 13/10**
[25] EN
[54] **PORTABLE GAME MACHINE AND GAME-ADVANCING METHOD**
[54] **APPAREIL DE JEU PORTATIF ET METHODE DE PROGRESSION DU JEU**
[72] NAGATA, AKIHIKO, JP
[71] KONAMI, CO., LTD., JP
[22] 2000-06-09
[43] 2000-12-10
[30] JP (11-164524) 1999-06-10

[21] **2,311,099**
[13] A1

[51] **Int.Cl. 7H02H 7/08 7F04B 49/06 7H01H 73/22**
[25] EN
[54] **OVERLOAD PROTECTOR WITH CONTROL ELEMENT**
[54] **DISPOSITIF DE PROTECTION CONTRE LES SURCHARGES A ELEMENT DE COMMANDE**
[72] HERRICK, KENT B., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 2000-06-09
[43] 2000-12-11
[30] US (60/138,760) 1999-06-11

[21] **2,311,110**
[13] A1

[51] **Int.Cl. 7G02B 6/32 7G02B 6/38**
[25] EN
[54] **OPTICAL COUPLING**
[54] **COUPLAGE OPTIQUE**
[72] CHENG, YIHAO, CA
[71] JDS UNIPHASE INC., CA
[22] 2000-06-09
[43] 2000-12-15
[30] US (09/333,018) 1999-06-15

[21] **2,311,141**
[13] A1

[51] **Int.Cl. 7B66D 5/32 7B66D 1/02 7B66D 1/28**
[25] EN
[54] **A WINDLASS ASSEMBLY**
[54] **GUINDEAU**
[72] HENLY, NICHOLAS CHARLES, GB
[71] LEWMAR LIMITED, GB
[22] 2000-06-02
[43] 2000-12-16
[30] GB (9914084.0) 1999-06-16

[21] **2,311,144**
[13] A1

[51] **Int.Cl. 7H04L 12/42 7H04J 14/02 7H04B 10/20**
[25] EN
[54] **OPTICAL RING NETWORK HAVING ENHANCED SECURITY AND REDUCED LOSS**
[54] **RESEAU A ANNEAU OPTIQUE PERMETTANT D'AMELIORER LA SECURITE ET DE REDUIRE LES PERTES**
[72] BROBERG, ROBERT MARIO, US
[72] ANDERSON, JON, US
[72] ADAMS, LAURA ELLEN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-02
[43] 2000-12-15
[30] US (09/333,409) 1999-06-15

[21] **2,311,145**
[13] A1

[51] **Int.Cl. 7G10L 15/22 7G06F 3/16**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING AUTOMATED DYNAMIC DIALOGUE GENERATION**
[54] **SYSTEME ET METHODE PERMETTANT LA PRODUCTION DYNAMIQUE AUTOMATISEE DE DIALOGUE**
[72] LEE, CHIN-HUI, US
[72] PARGELLIS, ANDREW NASON, US
[72] KUO, HONG-KWANG JEFF, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-02
[43] 2000-12-15
[30] US (09/334,000) 1999-06-15

[21] **2,311,146**
[13] A1

[51] **Int.Cl. 7H04M 1/74 7H01R 13/66**
[25] EN
[54] **A TELEPHONE JACK FOR ISOLATING FAULTS ON A WIRE LOOP**
[54] **JACK TELEPHONIQUE POUR IDENTIFICATION DE DEFECTUOSITES DANS UN CIRCUIT FILAIRE**
[72] KIMSEY, THOMAS H., US
[72] MISTRY, KEKU M., US
[71] TELCORDIA TECHNOLOGIES, INC., US
[22] 2000-06-02
[43] 2000-12-16
[30] US (09/334,082) 1999-06-16

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[21] **2,311,155**
[13] A1
[51] **Int.Cl. 7A47B 21/00 7A47B 97/00**
7A47B 23/04 7A47C 7/68
[25] EN
[54] **PORTABLE ARM AND MOUSE**
SUPPORT FOR USE WITH PERSONAL
COMPUTERS
[54] **SUPPORT PORTABLE DE BRAS ET**
DE SOURIS POUR UTILISATION AVEC
DES ORDINATEURS INDIVIDUELS
[72] SAYRE, DIANE ANITA, US
[72] LAUZON, PIERRE MAURICE, US
[71] SAYRE, DIANE ANITA, US
[71] LAUZON, PIERRE MAURICE, US
[22] 2000-06-09
[43] 2000-12-11
[30] US (60/138,602) 1999-06-11

[21] **2,311,162**
[13] A1
[51] **Int.Cl. 7B60C 23/00 7G01D 7/02**
7B60C 23/20
[25] EN
[54] **OFF-THE-ROAD TIRE**
TEMPERATURE AND PRESSURE
MONITORING SYSTEM
[54] **SYSTEME DE MESURE DE LA**
TEMPERATURE ET DE LA PRESSION
DE PNEUS TOUS TERRAINS
[72] FULLER, JOHN C., US
[72] JONES, MORRIS C., III, US
[72] PRIDAY, MELVIN M., US
[72] PROW, ROBERT, US
[72] FOSTER, JAMES C., US
[72] FULLER, TIMOTHY C., US
[71] FULLER BROTHERS, INC., US
[22] 2000-06-09
[43] 2000-12-11
[30] US (09/330,534) 1999-06-11

[21] **2,311,167**
[13] A1
[51] **Int.Cl. 7A63F 13/10**
[25] EN
[54] **TARGET-GAME EXECUTION**
METHOD, GAME MACHINE, AND
RECORDING MEDIUM
[54] **METHODE D'EXECUTION DE JEU**
DE CIBLE, MACHINE DE JEU ET
SUPPORT D'ENREGISTREMENT
[72] NAGATA, AKIHIKO, JP
[71] KONAMI CO., LTD., JP
[22] 2000-06-09
[43] 2000-12-11
[30] JP (11-166115) 1999-06-11

[21] **2,311,171**
[13] A1
[51] **Int.Cl. 7C22C 1/04 7C06B 27/00**
7B22F 1/00 7B22F 5/00 7C22C 33/02
7B22F 3/02 7H01F 1/06
[25] FR
[54] **PROCEDE DE PREPARATION DE**
POUDRES METALLIQUES, POUDRES
METALLIQUES AINSI PREPAREES, ET
COMPACTS
[54] **PROCESS FOR PREPARING**
METALLIC POWDERS, METALLIC
POWDERS PREPARED THEREBY, AND
COMPACTS
[72] CARLES, VALERIE, FR
[72] ROUSSET, ABEL, FR
[72] TAILHADES, PHILIPPE, FR
[71] ASB AEROSPATIALE BATTERIES,
FR
[71] UNIVERSITÉ PAUL SABATIER
(TOULOUSE III), FR
[22] 2000-06-06
[43] 2000-12-10
[30] FR (99 07340) 1999-06-10

[21] **2,311,173**
[13] A1
[51] **Int.Cl. 7C11D 17/02 7C11D 3/06**
7C11D 17/08 7C11D 3/28 7C11D 3/30
7C11D 3/386 7C11D 3/395 7C11D 1/66
[25] EN
[54] **MACHINE DISHWASHING**
COMPOSITIONS COMPRISING
SPECIAL PHOSPHATES
[54] **DETERGENTS POUR LAVE-**
VAISSELLE CONTENANT DES
PHOSPHATES SPECIAUX
[72] HAERER, JUERGEN, DE
[72] BLUM, HELMUT, DE
[72] ALBERS, THOMAS, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE
[22] 2000-06-12
[43] 2000-12-10
[30] DE (199 26 378.7) 1999-06-10

[21] **2,311,176**
[13] A1
[51] **Int.Cl. 7D06M 15/227 7D06M 13/46**
[25] EN
[54] **USE OF PARTLY OXIDIZED**
POLYETHYLENE AS AN IRONING AID
IN LIQUID WATER-CONTAINING
FABRIC SOFTENERS
[54] **UTILISATION DE**
POLYETHYLENE PARTIELLEMENT
OXYDE COMME AIDE DE REPASSAGE
DANS DES ADOUCISSANTS DE TISSUS
LIQUIDES RENFERMANT DE L'EAU
[72] SCHEFFLER, KARL-HEINZ, DE
[72] EISFELD, WOLF, DE
[72] VIENENKOETTER, THOMAS, DE
[72] JESCHKE, RAINER, DE
[72] BREYER, JACQUES, BE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE
[22] 2000-06-12
[43] 2000-12-12
[30] DE (199 26 863.0) 1999-06-12

[21] **2,311,189**
[13] A1
[51] **Int.Cl. 7H01H 37/32 7H01H 43/00**
7H05B 37/02
[25] EN
[54] **AUTOMATIC GANG SWITCH**
HAVING A HEAT RAY SENSOR
[54] **INTERRUPTEUR JUMELE**
AUTOMATIQUE A DETECTEUR DE
RAYONS THERMIQUES
[72] YAMANOUCHI, TAKAHIRO, JP
[72] WATANABE, HIROTOSHI, JP
[72] KAWAHARA, HIDEKI, JP
[72] MORIMOTO, MAKOTO, JP
[72] MORI, SHIRO, JP
[72] FUKUSHIMA, MASAHARU, JP
[72] ABE, TATSUYA, JP
[71] MATSUSHITA ELECTRIC WORKS,
LTD., JP
[22] 2000-06-12
[43] 2000-12-15
[30] JP (P 11-168986) 1999-06-15

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[21] **2,311,196**
[13] A1

[51] **Int.Cl. 7H01M 2/16 7H01M 8/00**
[25] EN
[54] **A FUEL CELL SEPARATOR, A FUEL CELL USING THE FUEL CELL SEPARATOR, AND A METHOD FOR MAKING THE FUEL CELL SEPARATOR**
[54] **SEPARATEUR DE PILE A COMBUSTIBLE, PILE A COMBUSTIBLE UTILISANT LE SEPARATEUR DE PILE A COMBUSTIBLE, ET METHODE POUR LA FABRICATION DU SEPARATEUR DE PILE A COMBUSTIBLE**
[72] UEHARA, KENICHI, JP
[72] TAKANO, SHIGERU, JP
[72] HATANO, HITOMI, JP
[72] IIZUKA, YASUNOBU, JP
[71] KAWASAKI STEEL CORPORATION, JP
[22] 2000-06-09
[43] 2000-12-14
[30] JP (11-166918) 1999-06-14
[30] JP (11-186825) 1999-06-30
[30] JP (11-345269) 1999-12-03
[30] JP (11-359474) 1999-12-17

[21] **2,311,198**
[13] A1

[51] **Int.Cl. 7G01N 1/42 7G01N 1/10**
[25] EN
[54] **SAMPLER AND METHOD OF DISPENSING AND COOLING A FLUID**
[54] **ECHANTILLONNEUR ET METHODE DE DISTRIBUTION ET DE REFROIDISSEMENT D'UN LIQUIDE**
[72] ZELLER, ROBERT, DE
[71] ENDRESS + HAUSER WETZER GMBH + CO. KG, DE
[22] 2000-06-12
[43] 2000-12-10
[30] EP (99 11 1313.5) 1999-06-10

[21] **2,311,199**
[13] A1

[51] **Int.Cl. 7C01B 31/20 7B01D 53/62**
[25] EN
[54] **CARBON DIOXIDE RECOVERY WITH COMPOSITE AMINE BLENDS**
[54] **RECUPERATION DU DIOXYDE DE CARBONE A L'AIDE DE MELANGES DE DIFFERENTES AMINES**
[72] GUPTA, AMITABH, US
[72] CHAKRAVARTI, SHRIKAR, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-06-09
[43] 2000-12-10
[30] US (09/329,259) 1999-06-10

[21] **2,311,200**
[13] A1

[51] **Int.Cl. 7C01B 31/20 7B01D 53/62**
[25] EN
[54] **CARBON DIOXIDE RECOVERY FROM AN OXYGEN CONTAINING MIXTURE**
[54] **RECUPERATION DU DIOXYDE DE CARBONE PRESENT DANS UN MELANGE CONTENANT DE L'OXYGENE**
[72] CHAKRAVARTI, SHRIKAR, US
[72] GUPTA, AMITABH, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-06-09
[43] 2000-12-10
[30] US (09/329,279) 1999-06-10

[21] **2,311,202**
[13] A1

[51] **Int.Cl. 7C01B 31/20 7B01D 53/62**
[25] EN
[54] **SYSTEM FOR RECOVERING CARBON DIOXIDE FROM A LEAN FEED**
[54] **SYSTEME PERMETTANT DE RECUPERER LE DIOXYDE DE CARBONE PRESENT DANS UNE SOURCE D'ALIMENTATION PAUVRE**
[72] GUPTA, AMITABH, US
[72] CHAKRAVARTI, SHRIKAR, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-06-09
[43] 2000-12-10
[30] US (09/329,278) 1999-06-10

[21] **2,311,207**
[13] A1

[51] **Int.Cl. 7D07B 1/02**
[25] EN
[54] **SYNTHETIC FIBER ROPE TO BE DRIVEN BY A ROPE SHEAVE**
[54] **CABLE EN FIBRES SYNTHETIQUES ENTRAINE PAR REA**
[72] DE ANGELIS, CLAUDIO, CH
[71] INVENTIO AG, CH
[22] 2000-06-09
[43] 2000-12-11
[30] CH (99 810512.6) 1999-06-11

[21] **2,311,210**
[13] A1

[51] **Int.Cl. 7B05B 5/00 7B05B 5/08**
[25] EN
[54] **SPRAY-COATING APPARATUS**
[54] **APPAREIL DE REVETEMENT PAR PULVERISATION**
[72] MAUCHLE, FELIX, CH
[71] ITW GEMA AG, CH
[22] 2000-06-13
[43] 2000-12-14
[30] DE (199 26 926.2) 1999-06-14

[21] **2,311,212**
[13] A1

[51] **Int.Cl. 7E05B 65/44**
[25] EN
[54] **MOUNTING CLIP FOR A REMOVABLE LOCKING CORE**
[54] **PINCE DE FIXATION POUR SERRURE AMOVIBLE**
[72] WESTWINKEL, FLORIAN G., CA
[71] WESKO SYSTEMS LIMITED, CA
[22] 2000-06-12
[43] 2000-12-16
[30] US (09/333,706) 1999-06-16

[21] **2,311,217**
[13] A1

[51] **Int.Cl. 7C07C 69/30 7A23L 1/307 7C07C 69/33 7C07C 69/58 7C07C 69/587**
[25] EN
[54] **REDUCED CALORIE FAT MIMETICS WITH AN AVERAGE NUMBER OF OXYALKYLENE GROUPS PER MOLECULE OF NO MORE THAN FIVE**
[54] **SUBSTITUTS DE GRAS A FAIBLE TENEUR EN CALORIE RENFERMANT EN MOYENNE CINQ OU MOINS DE CINQ GROUPEMENTS OXYALKYLENES PAR MOLECULE**
[72] SEKULA, BERNARD CHARLES, US
[71] BESTFOODS, US
[22] 2000-06-09
[43] 2000-12-15
[30] US (09/333,546) 1999-06-15

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[21] **2,311,220**
[13] A1

[51] **Int.Cl. 7F21V 17/08**
[25] EN
[54] **TRANSPORTABLE LAMP**
[54] **BALADEUSE**
[72] NOLLE, JURGEN, DE
[71] NOLLE, JURGEN, DE
[22] 2000-06-09
[43] 2000-12-11
[30] DE (299 10 204.1) 1999-06-11

[21] **2,311,233**
[13] A1

[51] **Int.Cl. 7B62D 25/08**
[25] EN
[54] **BODYSHELL OF A MOTOR VEHICLE**
[54] **CAISSE DE CARROSSERIE D'UN VEHICULE MOTEUR**
[72] BENZ, EBERHARD, DE
[72] SCHNITZER, ANDREAS, DE
[71] DAIMLERCHRYSLER CORPORATION, US
[22] 2000-06-09
[43] 2000-12-10
[30] DE (199 26 352.342) 1999-06-10

[21] **2,311,254**
[13] A1

[51] **Int.Cl. 7E21B 7/00**
[25] EN
[54] **A CIRCULATING SUB APPARATUS AND METHOD**
[54] **APPAREIL CIRCULANT SOUS L'EAU ET METHODE**
[72] HILLIARD, PAUL, GB
[72] KAMINSKI, LEONARD ANTHONY, GB
[71] NATIONAL OILWELL (UK) LIMITED, GB
[22] 2000-06-09
[43] 2000-12-10
[30] GB (9913370.4) 1999-06-10

[21] **2,311,257**
[13] A1

[51] **Int.Cl. 7A61G 5/00**
[25] EN
[54] **FOLDABLE WHEELCHAIR AND LINK CONFIGURATION FOR FOLDABLE WHEELCHAIR**
[54] **FAUTEUIL ROULANT REPLIABLE ET CONFIGURATION D'ATTACHE POUR FAUTEUIL ROULANT REPLIABLE**
[72] SLAGERMAN, MURRAY G., US
[71] SUNRISE MEDICAL HHG INC., US
[22] 2000-06-13
[43] 2000-12-14
[30] US (09/332,473) 1999-06-14

[21] **2,311,259**
[13] A1

[51] **Int.Cl. 7B64C 25/08**
[25] FR
[54] **AVION COMPORTANT UN TRAIN D'ATERRISSAGE A DETACHEMENT EN CAS D'ACCIDENT**
[54] **AIRCRAFT COMPRISING LANDING GEAR THAT CAN BE DETACHED IN THE EVENT OF AN ACCIDENT**
[72] MAURIN, ANDRE, FR
[72] DAZET, FRANCIS, FR
[71] AEROSPATIALE AIRBUS, FR
[22] 2000-06-07
[43] 2000-12-15
[30] FR (99 07544) 1999-06-15

[21] **2,311,263**
[13] A1

[51] **Int.Cl. 7A22C 17/02 7B65G 17/32**
[25] EN
[54] **DEVICE AND METHOD FOR THE GRIPPING AND RETENTION OF PART OF A SPLIT CARCASS BY THE SPINAL COLUMN**
[54] **DISPOSITIF ET METHODE DE PRISE ET DE RETENUE PAR LA COLONNE VERTEBRALE D'UNE PARTIE DE CARCASSE COUPEE EN DEUX**
[72] POST, ERLING, DK
[71] SLAGTERIERNES FORSKNINGINSTITUT, DK
[22] 2000-06-09
[43] 2000-12-10
[30] DK (PA 1999 00819) 1999-06-10

[21] **2,311,264**
[13] A1

[51] **Int.Cl. 7A22C 17/00**
[25] EN
[54] **APPARATUS FOR PARALLEL PROCESSING OF A PLURALITY OF CATTLE CARCASSES SUSPENDED FROM A CONVEYOR**
[54] **DISPOSITIF DE TRAITEMENT SIMULTANE D'UN GRAND NOMBRE DE CARCASSES DE BETAIL SUSPENDUES A UN CONVOYEUR**
[72] POST, GERARD JAN, NL
[71] STORK MPS B.V., NL
[22] 2000-06-09
[43] 2000-12-11
[30] NL (1012307) 1999-06-11

[21] **2,311,270**
[13] A1

[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **LOW BACK HAUL REACTIVATION DELAY FOR HIGH-SPEED PACKET DATA SERVICES IN CDMA SYSTEMS**
[54] **RETARD REDUIT DE RETABLISSEMENT DE LIAISON DESCENDANTE POUR SERVICES DE TRANSMISSION DE PAQUETS DE DONNEES A GRANDE VITESSE DANS DES SYSTEMES CDMA**
[72] RUBIN, HARVEY, US
[72] VITEBSKY, STANLEY, US
[72] KUMAR, SARATH, US
[72] NANDA, SANJIV, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-09
[43] 2000-12-11
[30] US (09/330,582) 1999-06-11

[21] **2,311,271**
[13] A1

[51] **Int.Cl. 7A23J 3/26 7A23J 3/08**
[25] FR
[54] **PRODUIT ALIMENTAIRE A TEXTURE FIBREUSE OBTENUE A PARTIR DE PROTEINES DE LACTOSERUM**
[54] **FOOD PRODUCT WITH A FIBROUS CONSISTENCY OBTAINED FROM LACTOSERUM PROTEINS**
[72] BURET, FLORENCE, FR
[72] LECHAT, YVES, FR
[72] ROUSSEL, LAURENCE, FR
[71] BONGRAIN S.A., FR
[22] 2000-06-08
[43] 2000-12-11
[30] FR (9907433) 1999-06-11

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[21] **2,311,274**
[13] A1

[51] **Int.Cl. 7C01B 17/05**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'UN GAZ CONTENANT DE L'HYDROGENE SULFURE, COMPORTANT UNE ETAPE DE REGENERATION DE LA SOLUTION CATALYTIQUE AU MOYEN D'UN EJECTEUR**
[54] **PROCESS AND DEVICE FOR THE TREATMENT OF A GAS CONTAINING HYDROGEN SULFIDE, COMPRISING A STAGE FOR REGENERATING THE CATALYTIC SOLUTION USING AN EJECTOR**
[72] VILTARD, JEAN-CHARLES, FR
[72] STREICHER, CHRISTIAN, FR
[72] BARRERE-TRICCA, CECILE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 2000-06-08
[43] 2000-12-10
[30] FR (99/07360) 1999-06-10

[21] **2,311,275**
[13] A1

[51] **Int.Cl. 7F16K 17/30**
[25] FR
[54] **DISPOSITIF DE SECURITE UNIVERSEL ET PROCEDE DE PROTECTION D'UNE CANALISATION**
[54] **UNIVERSAL SAFETY DEVICE AND PROCESS FOR PROTECTING A CONDUIT**
[72] DROUVIN, ROBERT, FR
[72] LEME, DAVID, FR
[72] GIRAUD, DANIEL, FR
[72] MAHE, JEAN-LUC, FR
[71] GAZ DE FRANCE (G.D.F) SERVICE NATIONAL, FR
[22] 2000-06-08
[43] 2000-12-10
[30] FR (99 07 346) 1999-06-10
[30] FR (00 00 998) 2000-01-26

[21] **2,311,276**
[13] A1

[51] **Int.Cl. 7C01B 17/05**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'UN GAZ CONTENANT DE L'HYDROGENE SULFURE, AVEC RECYCLAGE DE LA SOLUTION CATALYTIQUE REDUITE**
[54] **PROCESS AND DEVICE FOR THE TREATMENT OF A GAS CONTAINING HYDROGEN SULFIDE, WITH RECYCLING OF THE REDUCED CATALYTIC SOLUTION**
[72] HUARD, THIERRY, FR
[72] STREICHER, CHRISTIAN, FR
[72] BARRERE-TRICCA, CECILE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 2000-06-08
[43] 2000-12-10
[30] FR (99/07359) 1999-06-10

[21] **2,311,348**
[13] A1

[51] **Int.Cl. 7A61G 5/10**
[25] EN
[54] **ADJUSTABLE SIDE FRAME AND WHEELCHAIR WITH ADJUSTABLE SIDE FRAME**
[54] **CADRE LATERAL REGLABLE ET FAUTEUIL ROULANT AVEC CADRE LATERAL REGLABLE**
[72] KUNISHIGE, WAYNE M., US
[72] SLAGERMAN, MURRAY G., US
[71] SUNRISE MEDICAL HHG INC., US
[22] 2000-06-13
[43] 2000-12-14
[30] US (09/333,084) 1999-06-14

[21] **2,311,417**
[13] A1

[51] **Int.Cl. 7E21B 33/02**
[25] EN
[54] **STUFFING BOX WITH ULTRA-HIGH MOLECULAR WEIGHT SEALING ELEMENTS**
[54] **TETE DE CIRCULATION AVEC ELEMENTS D'ETANCHEITE DE MASSE MOLECULAIRE TRES ELEVEE**
[72] MARSHALL, MIKE E., US
[72] ADAMS, WILLIAM C., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2000-06-13
[43] 2000-12-14
[30] US (09/332,241) 1999-06-14

[21] **2,311,431**
[13] A1

[51] **Int.Cl. 7G01N 27/416 7G01N 33/48**
[25] EN
[54] **SAMPLE DETECTION TO INITIATE TIMING OF AN ELECTROCHEMICAL ASSAY**
[54] **DETECTION D'ECHANTILLON POUR METTRE EN MARCHE UN TEST ELECTROCHIMIQUE**
[72] KERMANI, MAHYAR Z., US
[72] TEODORCZYK, MARIA, US
[72] OHARA, TIMOTHY J., US
[71] LIFESCAN, INC., US
[22] 2000-06-13
[43] 2000-12-15
[30] US (09/333,793) 1999-06-15

[21] **2,311,438**
[13] A1

[51] **Int.Cl. 7A61K 7/42**
[25] EN
[54] **SELF-TANNING MOUSSE**
[54] **MOUSSE DE BRONZAGE**
[72] CASTRO, MAURICIO, US
[72] WOODIN, FREDERICK W., US
[71] NEUTROGENA CORPORATION, US
[22] 2000-06-13
[43] 2000-12-15
[30] US (09/333,445) 1999-06-15

[21] **2,311,440**
[13] A1

[51] **Int.Cl. 7C10L 3/10**
[25] EN
[54] **APPARATUS FOR USE WITH A NATURAL GAS DEHYDRATOR**
[54] **APPAREIL A UTILISER AVEC UN DESHYDRATEUR DE GAZ NATUREL**
[72] HEATH, RODNEY T., US
[71] HEATH, RODNEY T., US
[22] 2000-06-13
[43] 2000-12-15
[30] US (09/333,115) 1999-06-15
[30] US (09/565,885) 2000-05-05

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[21] **2,311,441**
[13] A1
[51] **Int.Cl. 7H01M 4/36**
[25] EN
[54] **POROUS METAL SHEET,
BATTERY ELECTRODE PLATE
COMPOSED OF POROUS METAL
SHEET AND BATTERY HAVING
ELECTRODE PLATE**
[54] **FEUILLE METALLIQUE
POREUSE, PLAQUE ELECTRODE DE
PILE COMPOSEE AVEC CETTE
FEUILLE METALLIQUE POREUSE ET
PILE COMPORTANT UNE PLAQUE
ELECTRODE**
[72] SUGIKAWA, HIROFUMI, JP
[71] KATAYAMA SPECIAL INDUSTRIES,
LTD., JP
[22] 2000-06-13
[43] 2000-12-15
[30] JP (11-167778) 1999-06-15

[21] **2,311,443**
[13] A1
[51] **Int.Cl. 7D21C 11/06**
[25] EN
[54] **FLASH TANK STEAM ECONOMY
IMPROVEMENT**
[54] **AUGMENTATION DE
L'ECONOMIE DE VAPEUR D'UN
RESERVOIR DE DETENTE**
[72] KETTUNEN, AUVO K., FI
[72] LAUTALA, MATTI, FI
[71] ANDRITZ-AHLSTROM INC., US
[22] 2000-06-13
[43] 2000-12-14
[30] US (60/138,775) 1999-06-14
[30] US (60/140,826) 1999-06-28
[30] US (09/587,977) 2000-06-06

[21] **2,311,464**
[13] A1
[51] **Int.Cl. 7E21B 23/00**
[25] EN
[54] **APPARATUS FOR DROPPING
ARTICLES DOWNHOLE**
[54] **DISPOSITIF POUR DESCENDRE
DES ARTICLES DANS LE FOND DE
TROUS**
[72] BAUGH, JOHN L., US
[71] BAKER HUGHES INCORPORATED,
US
[22] 2000-06-12
[43] 2000-12-14
[30] US (09/332233) 1999-06-14

[21] **2,311,469**
[13] A1
[51] **Int.Cl. 7A61F 13/49**
[25] EN
[54] **DISPOSABLE DIAPER**
[54] **COUCHE JETABLE**
[72] KUMASAKA, YOSHINORI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-06-12
[43] 2000-12-15
[30] JP (11-168184) 1999-06-15

[21] **2,311,473**
[13] A1
[51] **Int.Cl. 7E21B 47/12**
[25] EN
[54] **METHOD AND SYSTEM OF
COMMUNICATING IN A
SUBTERRANEAN WELL**
[54] **METHODE ET SYSTEME DE
COMMUNICATION DANS UN PUIT
SOUTERRAIN**
[72] BULMER, JAMES H., CA
[71] ELECTRIC SUBMERSIBLE PUMPS,
INC., US
[22] 2000-06-12
[43] 2000-12-14
[30] US (09/333,118) 1999-06-14

[21] **2,311,479**
[13] A1
[51] **Int.Cl. 7C12Q 1/56 7C12Q 1/37
7G01N 33/573 7G01N 33/86**
[25] EN
[54] **PROCEDURE FOR THE
DETERMINATION OF THE ACTIVITY
OF THE PROTEASE WHICH
ACTIVATES FACTOR VII FROM
PROTEIN SOLUTIONS**
[54] **METHODE POUR DETERMINER
L'ACTIVITE DE LA PROTEASE
ACTIVANT LE FACTEUR VII DE
SOLUTIONS DE PROTEINES**
[72] STOEHR, HANS-ARNOLD, DE
[72] FEUSSNER, ANNETTE, DE
[72] ROEMISCH, JUERGEN, DE
[71] AVENTIS BEHRING GMBH, DE
[22] 2000-06-12
[43] 2000-12-10
[30] DE (199 26 531.3) 1999-06-10
[30] DE (100 23 923.4) 2000-03-17

[21] **2,311,482**
[13] A1
[51] **Int.Cl. 7C11D 17/02 7C11D 3/10
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[25] EN
[54] **STORAGE-STABLE
EFFERVESCENT TABLETS**
[54] **PASTILLES EFFERVESCENTES
POUVANT ETRE ENTREPOSEES**
[72] HOLDERBAUM, THOMAS, DE
[72] JANKE, HANS, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE
[22] 2000-06-12
[43] 2000-12-10
[30] DE (199 26 376.0) 1999-06-10

[21] **2,311,485**
[13] A1
[51] **Int.Cl. 7C11D 3/395 7A01N 59/00
7C11D 1/06 7C11D 1/29 7C11D 1/75
7C11D 1/83**
[25] EN
[54] **BLEACHING AND DISINFECTING
COMPOSITIONS**
[54] **COMPOSITIONS DE
BLANCHIMENT ET DE
DESINFECTION**
[72] DE JORGE, ELISABET, ES
[72] JIMENEZ, LIDIA, ES
[72] IBANEZ, PILAR, ES
[72] OSSET, MIGUEL, ES
[72] CANELLAS, TERESA, ES
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE
[22] 2000-06-12
[43] 2000-12-11
[30] DE (199 26 627.1) 1999-06-11

[21] **2,311,504**
[13] A1
[51] **Int.Cl. 7A63H 29/00 7A63H 33/00**
[25] EN
[54] **ROBOT BALL**
[54] **BILLE ROBOT**
[72] MICHAUD, FRANCOIS, CA
[72] CARON, SERGE, CA
[71] UNIVERSITE DE SHERBROOKE, CA
[22] 2000-06-14
[43] 2000-12-15
[30] CA (2,274,770) 1999-06-15

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[21] **2,311,513**
[13] A1

[51] **Int.Cl. 7B42F 13/00**
[25] EN
[54] **BINDER WITH RECLOSABLE OUTER TRANSPARENT WINDOW**
[54] **RELIURE A FENETRE TRANSPARENTE EXTERIEURE REFERMABLE**
[72] WIEN, TOM, US
[72] YAMAMOTO, NORMAN C., US
[71] AVERY DENNISON CORPORATION, US
[22] 2000-06-14
[43] 2000-12-15
[30] US (09/333,096) 1999-06-15

[21] **2,311,523**
[13] A1

[51] **Int.Cl. 7D04B 9/46 7A41B 11/00 7A43B 17/00**
[25] EN
[54] **HOSIERY AND METHOD MAKING SAME**
[54] **ARTICLES CHAUSSANTS ET METHODE DE FABRICATION**
[72] HASENACK, KLAUS, DE
[71] WGF COLCOTON-GARN HASENACK & CO., DE
[22] 2000-06-14
[43] 2000-12-15
[30] EP (99111567.6) 1999-06-15

[21] **2,311,558**
[13] A1

[51] **Int.Cl. 7H02K 15/08**
[25] EN
[54] **METHOD AND APPARATUS FOR PLACING WIRE COILS WITH VARIED LENGHTS ON DYNAMO ELCTRIC MOTOR STATORS**
[54] **METHODE ET APPAREIL PERMETTANT DE POSITIONNER DES BOBINES DE FIL DE DIVERSES LONGUEURS SUR DES STATORS DE MOTEUR DYNAMOELECTRIQUE**
[72] STRATICO, GIANFRANCO, IT
[72] BECHERUCCI, RAFFAELE, IT
[71] PAVESI SRL, IT
[22] 2000-06-14
[43] 2000-12-14
[30] US (60/139,157) 1999-06-14
[30] US (60/141,158) 1999-06-25
[30] US (09/590,532) 2000-06-08

[21] **2,311,565**
[13] A1

[51] **Int.Cl. 7H02G 3/08 7H02G 3/30**
[25] EN
[54] **ELECTRICAL FLOOR BOX ASSEMBLY FOR DIVIDING POWER AND COMMUNICATION WIRES**
[54] **BOITE ELECTRIQUE DE PLANCHER PERMETTANT DE DIVISER LES FILS D'ALIMENTATION ET DE COMMUNICATION**
[72] DRANE, MARK, US
[72] WHITEHEAD, JAMES H., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2000-06-14
[43] 2000-12-15
[30] US (60/139,296) 1999-06-15

[21] **2,311,569**
[13] A1

[51] **Int.Cl. 7G01L 9/12 7G01L 21/00**
[25] EN
[54] **CAPACITIVE CERAMIC RELATIVE-PRESSURE SENSOR**
[54] **CAPTEUR CERAMIQUE CAPACITIF DE PRESSION RELATIVE**
[72] HEGNER, FRANK, DE
[71] ENVEC MESS- UND REGELTECHNIK GMBH + CO., DE
[22] 2000-06-14
[43] 2000-12-15
[30] EP (99 11 1580.9) 1999-06-15

[21] **2,311,592**
[13] A1

[51] **Int.Cl. 7B22D 11/14 7B22D 11/04**
[25] EN
[54] **METHOD FOR MANUFACTURING FORGED WIDE SIDEWALLS OF A CONTINUOUS CASTING MOLD**
[54] **METHODE DE FABRICATION DE LARGES PAROIS LATERALES FORGEES DE MOULE POUR COULEE CONTINUE**
[72] FEHLEMANN, GEREON, DE
[71] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE
[22] 2000-06-15
[43] 2000-12-16
[30] DE (199 27 348.0) 1999-06-16

[21] **2,311,595**
[13] A1

[51] **Int.Cl. 7G01R 33/54 7G06T 17/00**
[25] EN
[54] **SYSTEM AND METHOD FOR THE SEGMENTATION OF TWO-DIMENSIONAL MAGNETIC RESONANCE IMAGES**
[54] **SYSTEME ET METHODE DE SEGMENTATION D'IMAGES BIDIMENSIONNELLES OBTENUES PAR RESONANCE MAGNETIQUE**
[72] HU, TAO, CA
[72] CHEVREFILS, CLAUDIA, CA
[71] ORTHOSOFT INC., CA
[22] 2000-06-14
[43] 2000-12-14
[30] CA (2,274,363) 1999-06-14

[21] **2,311,597**
[13] A1

[51] **Int.Cl. 7G05B 19/04 7H04J 3/00 7G06F 17/30**
[25] EN
[54] **PORTABLE PROGRAMMING DEVICE FOR SUPERVISORY REMOTE CONTROL SYSTEM**
[54] **DISPOSITIF PORTATIF DE PROGRAMMATION POUR SYSTEME DE TELECOMMANDE DE SURVEILLANCE**
[72] SAKASEGAWA, SHINJI, JP
[72] YOSHIMURA, YUICHI, JP
[72] TOKIZANE, TOSHIAKI, JP
[71] MATSUSHITA ELECTRIC WORKS, LTD., JP
[22] 2000-06-14
[43] 2000-12-15
[30] JP (11-168988) 1999-06-15
[30] JP (11-168989) 1999-06-15
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[21] **2,311,605**
[13] A1

[51] **Int.Cl. 7E05D 7/04**
[25] EN
[54] **WINDOW HINGE**
[54] **CHARNIERE DE FENETRE**
[72] CARRIER, GERMAIN, CA
[71] CARRIER, GERMAIN, CA
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[43] 2000-12-16
[30] US (60/139,405) 1999-06-16

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[21] **2,311,606**
[13] A1

[51] **Int.Cl. 7A61K 31/70 7A61P 9/00**
[25] EN
[54] **USE OF PURIFIED SDG AS A HYPOTENSIVE (VASODILATOR) AGENT**
[54] **UTILISATION DE SDG PURIFIE COMME AGENT HYPOTENSEUR (VASODILATEUR)**
[72] PRASAD, KAILASH, CA
[71] UNIVERSITY OF SASKATCHEWAN TECHNOLOGIES INC., CA
[22] 2000-06-15
[43] 2000-12-16
[30] US (60/140,972) 1999-06-16

[21] **2,311,689**
[13] A1

[51] **Int.Cl. 7C12C 7/00 7C12C 11/00 7C12H 1/00 7C12C 5/02**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A BEER-TYPE BEVERAGE**
[54] **PROCESSUS DE PREPARATION D'UNE BOISSON DE TYPE BIERE**
[72] VAN GORKUM, CHRISTIAAN JOHANNA JACOBA, NL
[71] CERESTAR HOLDING B.V., NL
[22] 2000-06-15
[43] 2000-12-16
[30] GB (9913903.2) 1999-06-16
[30] GB (0000032.2) 2000-01-05

[21] **2,311,728**
[13] A1

[51] **Int.Cl. 7A24D 1/04 7A24D 1/02 7A24D 1/16**
[25] EN
[54] **MAKE-YOUR-OWN CIGARETTE**
[54] **CIGARETTE A FABRIQUER SOI-MEME**
[72] BRACKMANN, WARREN A., US
[72] KACZMAREK, PETER P., CA
[72] BLACK, GARY, CA
[72] THOMPSON, CAMERON, CA
[71] ROTHMANS, BENSON & HEDGES INC., CA
[22] 2000-06-14
[43] 2000-12-14
[30] US (60/138,659) 1999-06-14

[21] **2,311,616**
[13] A1

[51] **Int.Cl. 7G08B 21/22**
[25] EN
[54] **SYSTEM FOR INDICATING THE STATUS OF A HOTEL OR SIMILAR ROOM**
[54] **SYSTEME D'INDICATION DU STATUT D'UNE CHAMBRE D'HOTEL OU D'UNE AUTRE PIECE SIMILAIRE**
[72] WAGNER, JOERG CORNELIUS, CA
[72] HUBER, JOSEPH KARL HANS, CA
[71] WAGNER, JOERG CORNELIUS, CA
[71] HUBER, JOSEPH KARL HANS, CA
[22] 2000-06-14
[43] 2000-12-14
[30] US (09/330,979) 1999-06-14

[21] **2,311,696**
[13] A1

[51] **Int.Cl. 7A61K 7/42**
[25] EN
[54] **SELF-TANNING COMPOSITION COMPRISING CARMINE**
[54] **COMPOSITION DE BRONZAGE RENFERMANT DU CARMIN**
[72] WOODIN, FREDERICK W., US
[72] CASTRO, MAURICIO, US
[71] NEUTROGENA CORPORATION, US
[22] 2000-06-13
[43] 2000-12-15
[30] US (09/333,446) 1999-06-15

[21] **2,311,794**
[13] A1

[51] **Int.Cl. 7G08C 19/00 7G08C 25/04 7G08C 19/36**
[25] EN
[54] **DIGITAL INTERCONNECT OF ENTERTAINMENT EQUIPMENT**
[54] **INTERCONNEXION NUMERIQUE DE MATERIEL DE DIVERTISSEMENT**
[72] HAYES, PATRICK H., US
[72] CONWAY, JAMES N., JR., US
[72] JOHNS, GREGORY L., US
[71] UNIVERSAL ELECTRONICS INC., US
[22] 2000-06-15
[43] 2000-12-16
[30] US (09/334,584) 1999-06-16

[21] **2,311,661**
[13] A1

[51] **Int.Cl. 7C08G 59/17 7C08J 5/24**
[25] EN
[54] **THICKENABLE VINYL ESTER RESIN COMPOSITIONS**
[54] **COMPOSITIONS DE RESINE D'ESTER VINYLIQUE POUVANT ETRE EPAISSIES**
[72] CHTOUROU, HALIM, CA
[71] H.C.H. POLYMERES TECHNOLOGIES, INC., CA
[22] 2000-06-14
[43] 2000-12-14
[30] US (60/138,975) 1999-06-14

[21] **2,311,718**
[13] A1

[51] **Int.Cl. 7D21C 3/02 7D21C 3/26**
[25] EN
[54] **OXYGEN DELIGNIFICATION OF LIGNOCELLULOSIC MATERIAL**
[54] **DELIGNIFICATION A L'OXYGENE DE MATIERE LIGNOCELLULOSIQUE**
[72] COLODETTE, JORGE LUIZ, BR
[72] DE BRITO, ANA SABINA DE CAMPOS HENRIQUES, BR
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-06-13
[43] 2000-12-14
[30] US (09/330,983) 1999-06-14

[21] **2,311,820**
[13] A1

[51] **Int.Cl. 7C11D 17/02 7C11D 3/386 7C11D 3/395 7C11D 1/83**
[25] EN
[54] **LAUNDRY DETERGENT AND CLEANING PRODUCT TABLETS**
[54] **TABLETTES DE DETERGENT A LESSIVE ET DE PRODUIT DE NETTOYAGE**
[72] SUNDER, MATTHIAS, DE
[72] RICHTER, BERND, DE
[72] HAERER, JUERGEN, DE
[72] HOLDERBAUM, THOMAS, DE
[72] NITSCH, CHRISTIAN, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
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[43] 2000-12-16
[30] DE (199 27 559.9) 1999-06-16
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[21] **2,311,836**
[13] A1

[51] **Int.Cl. 7B25H 3/02**
[25] EN
[54] **TOOL HOLDER CASE**
[54] **BOITE A OUTILS**
[72] JORE, MATTHEW B., US
[71] JORE, MATTHEW B., US
[22] 2000-06-16
[43] 2000-12-16
[30] US (60/139,672) 1999-06-16

[21] **2,311,853**
[13] A1

[51] **Int.Cl. 7B42F 3/00**
[25] EN
[54] **A VERSATILE BINDER ASSEMBLY WITH AN EXTERIOR POCKET(S)**
[54] **CLASSEUR POLYVALENT AVEC UNE OU PLUSIEURS POCHETTES EXTERIEURES**
[72] WIEN, THOMAS, US
[71] AVERY DENNISON CORPORATION, US
[22] 2000-06-16
[43] 2000-12-16
[30] US (09/334,581) 1999-06-16

[21] **2,311,855**
[13] A1

[51] **Int.Cl. 7H04L 1/22**
[25] EN
[54] **TRANSMISSION METHOD USING ERROR CORRECTION PROCESSING**
[54] **METHODE DE TRANSMISSION UTILISANT LE TRAITEMENT DE CORRECTION D'ERREURS**
[72] TEZUKA, HIROSHI, JP
[71] NEC CORPORATION, JP
[22] 2000-06-15
[43] 2000-12-16
[30] JP (169084/1999) 1999-06-16

[21] **2,311,858**
[13] A1

[51] **Int.Cl. 7A23L 1/325**
[25] EN
[54] **FISH-BASED MULTITEXTURED FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE MULTITEXTURE A BASE DE POISSON**
[72] LENGLIN, GUILLAUME, FR
[72] PARENT, VERONIQUE, FR
[72] ROUSSEL, LAURENCE, FR
[71] NEPTUNE S.A., FR
[22] 2000-06-16
[43] 2000-12-16
[30] FR (9907625) 1999-06-16

[21] **2,311,863**
[13] A1

[51] **Int.Cl. 7F16F 9/53 7F16F 9/19**
[25] EN
[54] **EXTERNALLY GUIDED ER DAMPER**
[54] **AMORTISSEUR ELECTROREOLOGIQUE GUIDE DE L'EXTERIEUR**
[72] PAKDEL, PEYMAN, US
[72] NIAURA, WILLIAM S., US
[71] BRIDGESTONE/FIRESTONE, INC., US
[22] 2000-06-15
[43] 2000-12-16
[30] US (09/334,072) 1999-06-16

[21] **2,311,867**
[13] A1

[51] **Int.Cl. 7B23K 9/28 7B23K 9/00 7B23K 10/00**
[25] EN
[54] **PLASMA ARC TORCH HEAD**
[54] **CHALUMEAU A ARC DE PLASMA**
[72] THOMAS, HUGHEN GERRARD, IN
[71] THOMAS, HUGHEN GERRARD, IN
[22] 2000-06-16
[43] 2000-12-16
[30] IN (451/BOM/99) 1999-06-16
[30] IN (452/BOM/99) 1999-06-16

[21] **2,312,205**
[13] A1

[51] **Int.Cl. 7B29C 33/00 7A45D 40/20**
[25] FR
[54] **MOULE POUR LA FABRICATION D'UN STICK**
[54] **MOULD FOR MANUFACTURING A STICK**
[72] SMOLAREK, FRANCOIS, FR
[71] L'OREAL, FR
[22] 2000-06-14
[43] 2000-12-15
[30] FR (99 07 535) 1999-06-15

[21] **2,312,206**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61P 7/02 7C07D 471/04 7C07D 498/04 7C07D 513/04 7A61K 31/4985 7A61K 31/501 7A61K 31/506 7A61K 31/55**
[25] FR
[54] **NOUVEAUX DERIVES BICYCLIQUES D'AMINO-PYRAZINONES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **NOVEL BICYCLIC DERIVATIVES OF AMINO-PYRAZINONES, PROCESS FOR PREPARING THEM AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[72] VERBEUREN, TONY, FR
[72] RUPIN, ALAIN, FR
[72] VALLEZ, MARIE-ODILE, FR
[72] DE NANTEUIL, GUILLAUME, FR
[72] GLOANEC, PHILIPPE, FR
[71] ADIR ET COMPAGNIE, FR
[22] 2000-06-14
[43] 2000-12-15
[30] FR (99.07538) 1999-06-15

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[21] **2,312,210**

[13] A1

[51] Int.Cl. 7F16H 7/20 7F16H 55/36

[25] FR

[54] **DISPOSITIF DE FIXATION POUR
GALET A ROULEMENT ET GALET A
ROULEMENT COMPORTANT UN TEL
DISPOSITIF**

[54] **FASTENING SYSTEM FOR
ROLLER SLIDE AND ROLLER SLIDE
COMPRISING SUCH A SYSTEM**

[72] PLOESSL, DIETER, FR

[72] STOLZ, ROBERT, DE

[72] HAUCK, HELMUT, DE

[72] STOYKE, BETTINA, DE

[71] SKF FRANCE, FR

[22] 2000-06-14

[43] 2000-12-14

[30] FR (99 07494) 1999-06-14

[21] **2,312,409**

[13] A1

[51] Int.Cl. 7C07D 491/052 7A61P 35/00
7C07D 491/153 7A61K 31/4741

[25] FR

[54] **NOUVEAUX DERIVES DE
CARBOXYLATE DE 7-OXO-2,3,7,14-
TETREHYDRO-1H-
BENZO-B|PYRANO-3,2-H|ACRIDINE,
LEUR PROCEDE DE PREPARATION
ET LES COMPOSITIONS
PHARMACEUTIQUES QUI LES
CONTIENNENT**

[54] **NEW DERIVATIVES OF 7-OXO-
2,3,7,14-TETREHYDRO-1H-
BENZO-B|PYRANO-3,2-H|ACRIDINE
CARBOXYLATE, THE PROCEDURE
FOR PREPARING SAME AND THE
PHARMACEUTICAL COMPOUNDS
CONTAINING SAME**

[72] TILLEQUIN, FRANCOIS, FR

[72] ATASSI, GHANEM, FR

[72] PIERRE, ALAIN, FR

[72] RENARD, PIERRE, FR

[72] PFEIFFER, BRUNO, FR

[72] MICHEL, SYLVIE, FR

[72] KOCH, MICHEL, FR

[71] ADIR ET COMPAGNIE, FR

[22] 2000-06-16

[43] 2000-12-16

[30] FR (99.07611) 1999-06-16

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[13] A1
[51] Int.Cl. 6H01M 2/02 6H01M 10/04
6H01M 2/24 6H01M 6/44
[25] EN
[54] BATTERY CASE FOR THIN
METAL FILM CELLS
[54] BOITIER DE PILE POUR PILES A
COUCHE METALLIQUE MINCE
[72] ZAGRODNIK, JEFFREY P., US
[72] BOWEN, GERALD K., US
[72] DOUGHERTY, THOMAS J., US
[72] ANDREW, MICHAEL G., US
[71] JOHNSON CONTROLS
TECHNOLOGY COMPANY, US
[85] 2000-07-18
[86] 1999-01-11 (PCT/US99/00541)
[87] 1999-07-22 (WO99/36972)
[30] US (09/008,719) 1998-01-19

[21] **2,321,247**
[13] A1
[51] Int.Cl. 6A61B 17/36
[25] EN
[54] BONDING OF SOFT BIOLOGICAL
TISSUES BY PASSING HIGH
FREQUENCY ELECTRIC CURRENT
THERETHROUGH
[54] SUTURE DE TISSUS
BIOLOGIQUES MOUS PAR PASSAGE
D'UN COURANT ELECTRIQUE HAUTE
FREQUENCE
[72] PATON, BORIS E., UA
[72] LEBEDEV, ALEXSEY V., UA
[72] IVANOVA, OLGA N., UA
[72] LEBEDEV, VLADIMIR K., UA
[72] KARCHEMSKY, VOLODIMIR I., UA
[72] FURMANOV, YURI A., UA
[72] IEMCHENKO-RIBKO, VITALY P.,
UA
[72] VORONA, DAVID S., UA
[72] FURMANOV, ALEXANDR Y., UA
[72] LYASHENKO, ANDREI A., UA
[72] ZHYVODERNIKOV, YEVGEN V., UA
[72] SIDORENKO, DMITRY F., UA
[72] SAVITSKAYA, IRINA M., UA
[72] VASILCHENKO, VALERY A., UA
[71] CONSORTIUM MANAGEMENT
SERVICES GROUP, INC., US
[85] 2000-08-14
[86] 1999-02-09 (PCT/US99/02807)
[87] 1999-08-19 (WO99/40857)
[30] US (09/022,869) 1998-02-12

[21] **2,322,661**
[13] A1
[51] Int.Cl. 6C12N 9/02 6C12P 21/00
6C12N 15/53 6C12N 15/80
[25] EN
[54] PHENOL OXIDIZING ENZYME
ENZYMES
[54] ENZYMES OXYDANT LE PHENOL
[72] AMORY, ANTOINE, BE
[72] WANG, HUAMING, US
[72] WANG, CYNTHIA, US
[72] LAMBRECHTS-RONGVAUX,
ANNICK, BE
[72] DHASE, PATRICK, BE
[71] GENENCOR INTERNATIONAL,
INC., US
[85] 2000-09-07
[86] 1999-03-23 (PCT/US99/06327)
[87] 1999-09-30 (WO99/49020)
[30] US (09/046,969) 1998-03-24
[30] US (09/218,702) 1998-12-22
[30] US (09/273,957) 1999-03-22

[21] **2,322,662**
[13] A1
[51] Int.Cl. 6C12N 15/31 6C12Q 1/04
6C12N 9/12 6C07K 16/14 6C12N 9/16
6C07K 14/40 6G01N 33/68
[25] EN
[54] ASSAYS AND REAGENTS FOR
IDENTIFYING ANTI-FUNGAL
AGENTS, AND USES RELATED
THERETO
[54] DOSAGES ET REACTIFS
D'IDENTIFICATION D'AGENTS
ANTIFONGIQUES ET UTILISATIONS
ASSOCIEES
[72] DAMAGNEZ, VERONIQUE, US
[72] BERLIN, VIVIAN, US
[72] SMITH, SUSAN E., US
[71] MITOTIX, INC., US
[85] 2000-09-06
[86] 1999-03-15 (PCT/US99/05665)
[87] 1999-09-16 (WO99/46286)
[30] US (09/041,990) 1998-03-13

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[13] A1
[51] **Int.Cl. 6C12N 15/00 6A01N 43/04**
[25] EN
[54] **INDUCTION OF APOPTOTIC OR CYTOTOXIC GENE EXPRESSION BY ADENOVIRAL MEDIATED GENE CODELIVERY**
[54] **INDUCTION DE L'EXPRESSION DE GENES APOPTOTIQUES OU CYTOTOXIQUES PAR CO-APPORT DE GENES A MEDIATION ADENOVIRALE**
[72] ROTH, JACK A., US
[72] MCDONNELL, TIMOTHY J., US
[72] SWISHER, STEPHEN G., US
[72] FANG, BINGLIANG, US
[72] JI, LI, US
[72] SARKISS, MONA G., US
[72] BRUCKHEIMER, ELIZABETH M., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2000-09-07
[86] 1999-03-11 (PCT/US99/05359)
[87] 1999-09-16 (WO99/46371)
[30] US (60/077,541) 1998-03-11

[21] **2,322,665**
[13] A1
[51] **Int.Cl. 6C12N 1/20 6A61K 48/00 6C12N 15/74 6C12N 15/79**
[25] EN
[54] **DELIVERY OR PROTEINS INTO EUKARYOTIC CELLS WITH RECOMBINANT YERSINIA**
[54] **APPORT DE PROTEINES A DES CELLULES EUCARYOTES AU MOYEN DE LA YERSINIA RECOMBINEE**
[72] CORNELIS, GUY R., BE
[72] BOON-FALLEUR, THIERRY R., BE
[72] BOLAND, ANNE M., BE
[72] VAN DER BRUGGEN, PIERRE B., BE
[71] CORNELIS, GUY R., BE
[71] BOON-FALLEUR, THIERRY R., BE
[71] BOLAND, ANNE M., BE
[71] VAN DER BRUGGEN, PIERRE B., BE
[85] 2000-09-07
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[87] 1999-09-10 (WO99/45098)
[30] US (09/036,582) 1998-03-06

[21] **2,322,700**
[13] A1
[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **SELECTION OF SITES FOR TARGETING BY ZINC FINGER PROTEINS AND METHODS OF DESIGNING ZINC FINGER PROTEINS TO BIND TO PRESELECTED SITES**
[54] **SELECTION DE SITES CIBLES POUR PROTEINES A DOIGTS DE ZINC ET METHODES DE FABRICATION DE PROTEINES A DOIGTS DE ZINC DESTINEES A SE LIER AVEC DES SITES PRESELECTIONNES**
[72] JAMIESON, ANDREW, US
[72] COX, GEORGE N., III, US
[72] EISENBERG, STEPHEN P., US
[72] CASE, CASEY C., US
[72] REBAR, EDWARD J., US
[71] SANGAMO BIOSCIENCES, INC., US
[85] 2000-09-06
[86] 2000-01-06 (PCT/US00/00388)
[87] 2000-07-20 (WO00/42219)
[30] US (09/229,007) 1999-01-12

[21] **2,322,664**
[13] A1
[51] **Int.Cl. 6C12N 15/62 6C12N 7/01 6C12N 9/02 6C12N 5/10 6A61K 38/44 6A61K 47/48 6C12N 15/86**
[25] EN
[54] **ENHANCED PRODRUG ACTIVATION**
[54] **ACTIVATION AMELIOREE DE PROMEDICAMENTS**
[72] MITROPHANOUS, KYRIACOS, GB
[72] GRIFFITHS, LEIGH, GB
[72] STRATFORD, IAN JAMES, GB
[72] PATTERSON, ADAM VORN, GB
[72] KINGSMAN, SUSAN MARY, GB
[72] KAN, ON, GB
[71] OXFORD BIOMEDICA (UK) LIMITED, GB
[85] 2000-09-05
[86] 1999-03-05 (PCT/GB99/00674)
[87] 1999-09-10 (WO99/45127)
[30] GB (9804841.6) 1998-03-06
[30] GB (9818103.5) 1998-08-19
[30] GB (9902081.0) 1999-01-29

[21] **2,322,666**
[13] A1
[51] **Int.Cl. 6A61K 38/00 6A61K 38/16**
[25] EN
[54] **ENHANCEMENT OF THE PRO-FERTILITY ACTION OF A MOLECULE INVOLVED IN SPERM-EGG BINDING**
[54] **STIMULATION DE L'ACTION DE PRO-FERTILITE D'UNE MOLECULE IMPLIQUEE DANS LA FIXATION SPERME/OVULE**
[72] HAMMERSTEDT, ROY H., US
[72] GILL, SURINDER P. S., US
[72] AMANN, RUPERT P., US
[71] BIOPORE, INC., US
[85] 2000-09-01
[86] 1999-03-12 (PCT/US99/05549)
[87] 1999-09-16 (WO99/45943)
[30] US (60/077,713) 1998-03-12

[21] **2,322,792**
[13] A1
[51] **Int.Cl. 6C12N 15/19 6C12N 5/10 6A61K 38/19 6C07K 16/24 6G01N 33/50 6C07K 14/52 6G01N 33/577 6C12N 15/62 6G01N 33/68 6C12Q 1/68 6C12N 15/86**
[25] EN
[54] **POLYPEPTIDES HOMOLOGOUS TO VEGF AND BMP1**
[54] **POLYPEPTIDES HOMOLOGUES DE VEGF ET BMP1**
[72] FERRARA, NAPOLEONE, US
[72] KUO, SOPHIA S., US
[71] GENENTECH, INC., US
[85] 2000-09-15
[86] 1999-03-10 (PCT/US99/05190)
[87] 1999-09-23 (WO99/47677)
[30] US (09/040,220) 1998-03-17
[30] US (09/184,216) 1998-11-02

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[21] **2,322,795**
[13] A1

[51] **Int.Cl. 6C07K 14/47 6A61K 38/17 6C07K 16/18**
[25] EN
[54] **RIBONUCLEOTIDE POLYPEPTIDES CONTAINING METAL**
[54] **POLYPEPTIDES RIBONUCLEOTIDIQUES CONTENANT DU METAL**
[72] KIESEWETTER, STEFAN, DE
[72] BRUNNER, HERWIG, DE
[72] KOCH-PELSTER, BRIGITTE, DE
[72] KUHN, ECKEHARD, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSHUNG E.V., DE
[85] 2000-09-12
[86] 1998-11-30 (PCT/EP98/07722)
[87] 1999-09-23 (WO99/47561)
[30] DE (198 11 047.2) 1998-03-13

[21] **2,323,070**
[13] A1

[51] **Int.Cl. 6C12N 15/56 6C12N 9/24 6C07K 16/40 6A61K 38/47 6G01N 33/58 6C12N 15/62**
[25] EN
[54] **CHITINASE CHITIN-BINDING FRAGMENTS**
[54] **FRAGMENTS DE CHITINASE LIANT LA CHITINE**
[72] GRAY, PATRICK W., US
[72] TJOELKER, LARRY W., US
[71] ICOS CORPORATION, US
[85] 2000-09-11
[86] 1999-03-12 (PCT/US99/05343)
[87] 1999-09-16 (WO99/46390)
[30] US (09/039,198) 1998-03-12

[21] **2,323,072**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 19/00 6C12N 5/10 6C12N 1/19 6C12N 1/21 6C07K 16/28 6A61K 39/395 6C12Q 1/42 6G01N 33/68 6C12N 15/70 6C07K 14/71 6C12N 15/81 6C12N 15/85**
[25] EN
[54] **GFR.ALPHA.3 AND ITS USES**
[54] **LE GFR.ALPHA.3 ET SES UTILISATIONS**
[72] KLEIN, ROBERT D., US
[72] DE SAUVAGE, FREDERIC J., US
[72] ROSENTHAL, AMON, US
[72] PHILLIPS, HEIDI S., US
[71] GENENTECH, INC., US
[85] 2000-09-18
[86] 1999-03-19 (PCT/US99/06098)
[87] 1999-09-30 (WO99/49039)
[30] US (60/079,124) 1998-03-23
[30] US (60/081,569) 1998-04-13

[21] **2,323,089**
[13] A1

[51] **Int.Cl. 7C07J 1/00 7C07J 7/00 7C07J 21/00 7C07J 31/00 7C07J 41/00 7C07J 73/00 7A61P 17/00 7A61P 13/08 7A61K 31/57 7A61K 31/58**
[25] EN
[54] **INHIBITORS OF TYPE 5 AND TYPE 3 17.BETA.-HYDROXYSTEROID DEHYDROGENASE AND METHODS FOR THEIR USE**
[54] **INHIBITEURS DE LA 17.BETA.-HYDROXYSTEROIDE DESHYDROGENASE DU TYPE 5 ET DU TYPE 3 ET METHODES D'UTILISATION ASSOCIEES**
[72] BELANGER, ALAIN, CA
[72] SINGH, SHANKAR MOHAN, CA
[72] LUU-THE, VAN, CA
[72] LABRIE, FERNAND, CA
[72] GAUTHIER, SYLVAIN, CA
[72] MERAND, YVES, CA
[72] PROVENCHER, LOUIS, CA
[72] POIRIER, DONALD, CA
[71] ENDORECHERCHE, INC., CA
[85] 2000-09-06
[86] 1999-03-10 (PCT/CA99/00205)
[87] 1999-09-16 (WO99/46279)
[30] US (60/077,510) 1998-03-11
[30] US (60/095,623) 1998-08-07

[21] **2,323,090**
[13] A1

[51] **Int.Cl. 6A61K 38/16 6C07K 19/00 6C07K 17/02 6C07K 1/10 6A61K 47/20**
[25] EN
[54] **IN VITRO FORMATION OF CONGOPHILIC MALTESE-CROSS AMYLOID PLAQUES TO IDENTIFY ANTI-PLAQUE THERAPEUTICS FOR THE TREATMENT OF ALZHEIMER'S AND PRION DISEASES**
[54] **FORMATION IN VITRO DE PLAQUES AMYLOIDES EN FORME DE CROIX DE MALTE ET AYANT UNE AFFINITE POUR LE ROUGE CONGO, EN VUE DE L'IDENTIFICATION DE COMPOSES THERAPEUTIQUES ANTI-PLAQUE POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER ET DU PRION**
[72] SNOW, ALAN D., US
[72] CASTILLO, GERARDO, US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2000-09-12
[86] 1999-03-12 (PCT/US99/05438)
[87] 1999-09-16 (WO99/45947)
[30] US (60/077,924) 1998-03-13

[21] **2,323,092**
[13] A1

[51] **Int.Cl. 6C11D 3/386 6C12N 9/02 6C12N 15/53**
[25] EN
[54] **PHENOL OXIDIZING ENZYMES AND THEIR USE**
[54] **ENZYMES D'OXYDATION DE PHENOL ET LEURS UTILISATIONS**
[72] WANG, HUAMING, US
[72] DHAESE, PATRICK, BE
[72] CONVENTS, DANIEL, NL
[72] AMORY, ANTOINE, BE
[72] LAMBRECHTS-RONGVAUX, ANNICK, BE
[72] WANG, CYNTHIA, US
[71] UNILEVER PLC, GB
[85] 2000-09-08
[86] 1999-03-23 (PCT/EP99/02042)
[87] 1999-09-30 (WO99/49010)
[30] US (09/046,969) 1998-03-24
[30] US (09/218,702) 1998-12-22

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[13] A1
[51] **Int.Cl. 6C12N 15/12 6A61K 35/14 6A61K 38/17 6C07K 16/18 6C07K 14/47**
[25] EN
[54] **COMPOUNDS AND METHODS FOR THERAPY AND DIAGNOSIS OF LUNG CANCER**
[54] **COMPOSES ET METHODES THERAPEUTIQUES ET DIAGNOSTIQUES DU CANCER DU POUMON**
[72] WANG, TONGTONG, US
[72] REED, STEVEN G., US
[71] CORIXA CORPORATION, US
[85] 2000-09-15
[86] 1999-03-17 (PCT/US99/05798)
[87] 1999-09-23 (WO99/47674)
[30] US (09/040,802) 1998-03-18
[30] US (09/040,984) 1998-03-18
[30] US (09/123,912) 1998-07-27
[30] US (09/123,933) 1998-07-27

[21] **2,323,094**
[13] A1
[51] **Int.Cl. 6C12N 5/00 6C12N 15/00**
[25] EN
[54] **EMBRYONIC OR STEM-LIKE CELL LINES PRODUCED BY CROSS-SPECIES NUCLEAR TRANSPLANTATION**
[54] **LIGNEES CELLULAIRES EMBRYONNAIRES OU DE TYPE SOUCHE PRODUITES PAR TRANSPLANTATION NUCLEAIRE D'ESPECES CROISEES**
[72] CIBELLI, JOSE, US
[72] STICE, STEVEN L., US
[72] ROBL, JAMES, US
[71] UNIVERSITY OF MASSACHUSETTS, A PUBLIC INSTITUTION OF HIGHER EDUCATION OF, US
[85] 2000-09-01
[86] 1999-03-02 (PCT/US99/04608)
[87] 1999-09-10 (WO99/45100)
[30] US (09/032,945) 1998-03-02

[21] **2,323,198**
[13] A1
[51] **Int.Cl. 7C07C 13/465 7C07F 7/00 7C07F 7/10 7C07C 5/25 7C07F 7/28 7C07C 31/30 7C08F 4/64 7C07C 2/88**
[25] EN
[54] **SYNTHESIS AND ISOMERIZATION OF 1,2-BIS (INDENYL) ETHANES**
[54] **SYNTHESE ET ISOMERISATION DES 1,2-BIS (INDENYL) ETHANES**
[72] GATELY, DANIEL ANTHONY, US
[71] BOULDER SCIENTIFIC COMPANY, US
[85] 2000-09-08
[86] 2000-01-21 (PCT/US00/01341)
[87] 2000-07-27 (WO00/43331)
[30] US (09/234,481) 1999-01-21

[21] **2,323,500**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**
[25] EN
[54] **AUTOMATICALLY INVOKED INTERMEDIATION PROCESS FOR NETWORK PURCHASES**
[54] **PROCEDE D'INTERMEDIATION A APPEL AUTOMATIQUE POUR ACHATS PAR RESEAU**
[72] LEITERSDORF, YOAV A., US
[72] SIXTUS, TIMOTHY, US
[71] CHA] TECHNOLOGIES SERVICES, INC., US
[85] 2000-09-11
[86] 1999-03-11 (PCT/US99/05368)
[87] 1999-09-16 (WO99/46720)
[30] US (60/077,635) 1998-03-11
[30] US (09/260,874) 1999-03-02

[21] **2,323,543**
[13] A1
[51] **Int.Cl. 7H04Q 11/00**
[25] EN
[54] **METHOD AND SYSTEM FOR OFF-LOADING DATA TRAFFIC IN A TELEPHONE NETWORK**
[54] **PROCEDE ET SYSTEME SERVANT A DECHARGER UN TRAFIC DE DONNEES DANS UN RESEAU TELEPHONIQUE**
[72] RUBINSTEIN, ZVI, IL
[72] GALLER, SIMON, IL
[71] ECI TELECOM LTD., IL
[85] 2000-09-12
[86] 2000-01-21 (PCT/IL00/00042)
[87] 2000-07-27 (WO00/44192)
[30] US (09/234,458) 1999-01-21

[21] **2,323,572**
[13] A1
[51] **Int.Cl. 6C12N 15/12 6C07K 19/00 6C12N 5/10 6C12N 15/11 6C12N 1/19 6C12N 1/21 6C12N 15/62 6G01N 33/68 6C07K 14/705**
[25] EN
[54] **VERTEBRATE PATCHED-2 PROTEIN**
[54] **PROTEINE DE VERTEBRE PATCHED-2**
[72] DE SAUVAGE, FREDERIC J., US
[72] CARPENTER, DAVID A., US
[71] GENENTECH, INC., US
[85] 2000-09-22
[86] 1999-04-02 (PCT/US99/07417)
[87] 1999-10-21 (WO99/53058)
[30] US (09/060,939) 1998-04-15

[21] **2,323,573**
[13] A1
[51] **Int.Cl. 6A61K 38/16**
[25] EN
[54] **MEDICAMENT FOR PREVENTING OR TREATING PAPILLOMA VIRUS-SPECIFIC TUMORS**
[54] **MEDICAMENT PERMETTANT DE PREVENIR OU DE TRAITER LES TUMEURS A PAPILLOMAVIRUS**
[72] HALLEK, MICHAEL, DE
[72] BURGER, ALEXANDER, DE
[71] MEDIGENE AKTIENGESELLSCHAFT, DE
[85] 2000-10-05
[86] 1999-03-24 (PCT/EP99/01996)
[87] 1999-09-30 (WO99/48518)
[30] DE (198 12 941.6) 1998-03-24

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[21] **2,323,575**
[13] A1

[51] **Int.Cl. 7G01N 33/50**
[25] EN
[54] **METHODS AND COMPOUNDS FOR MODULATING NUCLEAR RECEPTOR COACTIVATOR BINDING**
[54] **METHODES ET COMPOSES DE MODULATION DE LA LIAISON D'UN COACTIVATEUR A DES RECEPTEURS NUCLEAIRES**
[72] DARIMONT, BEATRICE, US
[72] FENG, WEIJUN, US
[72] YAMAMOTO, KEITH R., US
[72] WAGNER, RICHARD L., US
[72] KUSHNER, PETER J., US
[72] FLETTERICK, ROBERT, US
[72] BAXTER, JOHN D., US
[72] WEST, BRIAN L., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2000-09-19
[86] 1999-03-30 (PCT/US99/06899)
[87] 1999-11-25 (WO99/60014)
[30] US (60/079,956) 1998-03-30
[30] US (60/113,146) 1998-12-16

[21] **2,323,637**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 16/18 6C07K 14/47 6G01N 33/50**
[25] EN
[54] **MODULATORS OF THE FUNCTION OF RECEPTORS OF THE TNF/NGF RECEPTOR FAMILY AND OTHER PROTEINS**
[54] **MODULATEURS DE LA FONCTION DE RECEPTEURS DE LA FAMILLE DES RECEPTEURS TNF/NGF ET D'AUTRES PROTEINES**
[72] LI, YONGAN, US
[72] HORWITZ, MARSHALL S., US
[72] WALLACH, DAVID, IL
[72] KOVALENKO, ANDREI, IL
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY, US
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2000-09-18
[86] 1999-03-18 (PCT/IL99/00158)
[87] 1999-09-23 (WO99/47672)
[30] IL (123758) 1998-03-19
[30] IL (126024) 1998-09-01

[21] **2,323,638**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/02 6C07H 21/04 6C12P 19/34**
[25] EN
[54] **ADDRESSABLE PROTEIN ARRAYS**
[54] **SYSTEMES DE PROTEINES ADRESSABLES**
[72] WAGNER, RICHARD, US
[72] KUIMELIS, ROBERT G., US
[71] PHYLOS, INC., US
[85] 2000-09-19
[86] 1999-03-31 (PCT/US99/07203)
[87] 1999-10-14 (WO99/51773)
[30] US (60/080,686) 1998-04-03

[21] **2,323,639**
[13] A1

[51] **Int.Cl. 6C12N 9/16 6A23K 1/165 6C12N 15/55**
[25] EN
[54] **PHYTASE VARIANTS**
[54] **VARIANT DE PHYTASE**
[72] PASAMONTES, LUIS, US
[72] LEHMANN, MARTIN, US
[72] KOSTREWA, DIRK, DE
[72] TOMSCHY, ANDREA, DE
[72] SVENDSEN, ALLAN, DK
[72] VAN LOON, ADOLPHUS, CH
[72] VOGEL, KURT, CH
[72] LASSEN, SOREN FLENSTED, DK
[72] WYSS, MARKUS, CH
[71] NOVO NORDISK A/S, DK
[85] 2000-09-22
[86] 1999-03-22 (PCT/DK99/00153)
[87] 1999-09-30 (WO99/49022)
[30] DK (0407/98) 1998-03-23
[30] DK (PA 1998 00806) 1998-06-19
[30] DK (PA 1998 01176) 1998-09-18
[30] DK (PA 1999 00091) 1999-01-22

[21] **2,323,648**
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 19/00 7G06T 5/00 7H04L 12/16**
[25] EN
[54] **REMOTE MODIFICATION OF DIGITAL IMAGES USING SCRIPTS**
[54] **MODIFICATION A DISTANCE D'IMAGES NUMERIQUES AU MOYEN DE SCRIPTS**
[72] HOEKSTRA, JEFFREY D., US
[72] ATKINSON, DONALD, US
[71] COLORCENTRIC.COM, INC., US
[85] 2000-09-14
[86] 2000-01-15 (PCT/US00/00940)
[87] 2000-07-20 (WO00/42488)
[30] US (09/231,735) 1999-01-15

[21] **2,323,724**
[13] A1

[51] **Int.Cl. 6C12N 15/11 6A61K 48/00 6C07K 14/00 6C12N 1/20 6C12N 15/63**
[25] EN
[54] **STAPHYLOCOCCUS AUREUS GENES AND POLYPEPTIDES**
[54] **GENES ET POLYPEPTIDES DU STAPHYLOCOQUE DORE**
[72] SIMPSON, ANDREW J. G., BR
[72] CHOI, GIL H., US
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, BR
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2000-09-19
[86] 1999-03-18 (PCT/US99/06199)
[87] 1999-09-23 (WO99/47662)
[30] US (60/078,682) 1998-03-20
[30] US (60/080,296) 1998-04-01
[30] US (60/084,674) 1998-05-07

[21] **2,323,725**
[13] A1

[51] **Int.Cl. 6G01N 33/50 6C07K 16/12 6C07K 14/195 6C12N 15/63 6C07K 14/705**
[25] EN
[54] **ASSAYS FOR SCREENING COMPOUNDS WHICH INTERACT WITH CATION CHANNEL PROTEINS, MUTANT PROKARYOTIC CATION CHANNEL PROTEINS, AND USES THEREOF**
[54] **ESSAIS DE RECHERCHE SYSTEMATIQUE DE COMPOSES EN INTERACTION AVEC DES PROTEINES DE CANAL CATION, PROTEINES DE CANAL CATION PROCARYOTES MUTANTES, ET UTILISATIONS CORRESPONDANTES**
[72] MACKINNON, RODERICK, US
[71] THE ROCKEFELLER UNIVERSITY, US
[85] 2000-09-18
[86] 1999-03-22 (PCT/US99/06307)
[87] 1999-09-23 (WO99/47923)
[30] US (09/045,529) 1998-03-20
[30] US (09/054,347) 1998-04-02

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[13] A1
[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6C07K 14/415**
[25] EN
[54] **ADP-GLUCOSE TRANSPORTER OF THE AMYLOPLAST**
[54] **AGENT DE TRANSPORT D'ADP-GLUCOSE DE L'AMYLOPLASTE**
[72] EMES, MICHAEL JAMES, GB
[72] BOWSHER, CAROLINE GRACE, GB
[72] TETLOW, IAN JOSEPH, GB
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB
[85] 2000-09-19
[86] 1999-03-19 (PCT/GB99/00727)
[87] 1999-09-23 (WO99/47681)
[30] GB (9805939.7) 1998-03-20

[21] **2,323,743**
[13] A1
[51] **Int.Cl. 6G01N 33/53**
[25] EN
[54] **UROKINASE PLASMINOGEN ACTIVATOR RECEPTOR AS A TARGET FOR DIAGNOSIS OF METASTASES**
[54] **UTILISATION DU RECEPTEUR DES ACTIVATEURS DU PLASMINOGENE D'UROKINASE COMME CIBLE POUR LE DEPISTAGE DES METASTASES**
[72] HART, RICHARD, US
[72] RABBANI, SHAFAT A., CA
[71] HART, RICHARD, US
[71] RABBANI, SHAFAT A., CA
[85] 2000-09-18
[86] 1999-03-23 (PCT/US99/06588)
[87] 1999-09-30 (WO99/48509)
[30] US (09/046,106) 1998-03-23

[21] **2,323,746**
[13] A1
[51] **Int.Cl. 6C12N 15/12 6A61K 49/00 6C12N 5/10 6C07K 16/28 6C07K 14/705 6C12N 15/86**
[25] EN
[54] **T CELL COSTIMULATORY PROTEINS, SEQUENCES AND USES THEREOF**
[54] **NOUVELLES FORMES DE PROTEINES DE CO-STIMULATION DES LYMPHOCYTES T, MOLECULES D'ACIDE NUCLEIQUE ET LEUR UTILISATION**
[72] YANG, SHUMIN, US
[72] SELLINS, KAREN S., US
[72] SIM, GEK-KEE, US
[71] HESKA CORPORATION, US
[85] 2000-09-18
[86] 1999-03-19 (PCT/US99/06187)
[87] 1999-09-23 (WO99/47558)
[30] US (60/078,765) 1998-03-19
[30] US (09/062,597) 1998-04-17

[21] **2,323,748**
[13] A1
[51] **Int.Cl. 6A61K 38/31**
[25] EN
[54] **A METHOD FOR THE PREVENTION OF A PATIENT'S FIBROPROLIFERATIVE VASCULOPATHY**
[54] **METHODE DE PREVENTION DE LA VASCULOPATHIE FIBROPROLIFERATIVE CHEZ UN PATIENT**
[72] PATEL, YOGESH C., CA
[72] HAYRY, PEKKA, FI
[71] OY JUVANTIA PHARMA LTD., FI
[85] 2000-09-18
[86] 1999-03-23 (PCT/FI99/00222)
[87] 1999-10-07 (WO99/49884)
[30] US (09/049,020) 1998-03-27

[21] **2,323,782**
[13] A1
[51] **Int.Cl. 6C12N 15/09 6A61K 35/00 6A61K 48/00 6C12N 15/11 6A61K 38/43 6C12N 15/63**
[25] EN
[54] **METHODS FOR PREVENTION AND TREATMENT OF CANCER**
[54] **METHODES DE PREVENTION ET DE TRAITEMENT DU CANCER**
[72] LOKESHWAR, BALAKRISHNA L., US
[72] HOLICK, MICHAEL F., US
[72] KONG, XIANG FU, US
[72] WHITLATCH, LYMAN W., US
[72] CHEN, TAI C., US
[72] SCHWARTZ, GARY G., US
[71] CUTANOGEN, INC., US
[85] 2000-09-22
[86] 1999-03-25 (PCT/US99/06491)
[87] 1999-09-30 (WO99/49027)
[30] US (09/047,918) 1998-03-25
[30] US (60/122,270) 1999-03-01
[30] US (60/122,268) 1999-03-01
[30] US (60/123,669) 1999-03-09
[30] US (60/123,670) 1999-03-09

[21] **2,323,784**
[13] A1
[51] **Int.Cl. 6A61K 47/48 6A61K 38/08 6A61K 47/20**
[25] EN
[54] **CARRIER FOR IN VIVO DELIVERY OF A THERAPEUTIC AGENT**
[54] **EXCIPIENT POUR ADMINISTRATION IN VIVO D'UN AGENT THERAPEUTIQUE**
[72] STEIN, STANLEY, US
[72] LEIBOWITZ, MICHAEL J., US
[71] UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY, US
[85] 2000-09-18
[86] 1999-03-19 (PCT/US99/05914)
[87] 1999-09-23 (WO99/47173)
[30] US (09/044,411) 1998-03-19

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[13] A1

[51] **Int.Cl. 6C12N 15/62 6C07K 14/21 6C07K 7/23 6G01N 33/574**

[25] EN

[54] **METHODS OF CANCER DIAGNOSIS USING A CHIMERIC TOXIN**

[54] **PROCEDES SERVANT A DIAGNOSTIQUER LE CANCER AU MOYEN D'UNE TOXINE CHIMERE**

[72] NECHUSHTAN, AMOTZ, IL

[72] YARKONI, SHAI, IL

[72] LORBERBOUM-GALSKI, HAYA, IL

[72] BEN-YEHUDAH, AMI, IL

[72] MARIANOVSKY, IRINA, IL

[71] YISSUM RESEARCH

DEVELOPMENT COMPANY, OF THE

HEBREW UNIVERSITY OF JERUSAL, IL

[85] 2000-09-21

[86] 1999-03-24 (PCT/IL99/00166)

[87] 1999-09-30 (WO99/49059)

[30] US (09/046,992) 1998-03-24

[21] **2,323,812**
[13] A1

[51] **Int.Cl. 6G01N 33/68**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR EARLY PREGNANCY DIAGNOSIS**
[54] **COMPOSITIONS ET METHODES POUR UN DIAGNOSTIC PRECOCE DE LA GROSSESSE**

[72] GREEN, JONATHAN ANDREW, US

[72] ROBERTS, ROBERT MICHAEL, US

[72] XIE, SANCAI, US

[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US

[85] 2000-09-14

[86] 1999-03-19 (PCT/US99/06038)

[87] 1999-09-23 (WO99/47934)

[30] US (60/078,783) 1998-03-20

[30] US (60/106,188) 1998-10-28

[21] **2,323,894**
[13] A1

[51] **Int.Cl. 6C08F 291/02 6C08F 285/00 6C08F 265/06**

[25] EN

[54] **CASTING MATERIALS FOR PRODUCING SHAPED PARTS FOR SANITARY APPLIANCES**

[54] **MATIERE A COULER POUR LA PRODUCTION DE PIECES MOULEES SANITAIRES**

[72] WILHELM, THOMAS, DE

[72] HARKE, STEFAN, DE

[72] HAJEK, ANDREAS, DE

[72] HECK, THOMAS, DE

[71] BLANCO GMBH & CO. KG, DE

[85] 2000-09-14

[86] 1999-02-20 (PCT/EP99/01121)

[87] 1999-09-23 (WO99/47576)

[30] DE (198 12 122.9) 1998-03-19

[21] **2,323,897**
[13] A1

[51] **Int.Cl. 6C12N 9/42 6A61K 48/00**

[25] EN

[54] **SUICIDE GENE THERAPY SYSTEM FOR THE TREATMENT OF BRAIN TUMOURS**

[54] **SYSTEME THERAPEUTIQUE A GENE SUICIDE POUR LE TRAITEMENT DES TUMEURS CEREBRALES**

[72] CORTES, MARIA LUISA, ES

[72] IZQUIERDO, MARTA, ES

[71] BOEHRINGER INGELHEIM

INTERNATIONAL GMBH, DE

[85] 2000-09-12

[86] 1999-03-10 (PCT/EP99/01541)

[87] 1999-09-23 (WO99/47653)

[30] EP (98104756.6) 1998-03-17

[21] **2,323,898**
[13] A1

[51] **Int.Cl. 6B32B 7/12 6B32B 15/08**

[25] EN

[54] **PACKAGING MATERIAL FOR HERMETICALLY SEALED BATTERIES**

[54] **MATERIAU POUR ENVELOPPES DE BATTERIES HERMETIQUES**

[72] GLOVER, DAVID A., US

[72] DAROUX, MARK L., US

[71] NTK POWERDEX, INC., US

[85] 2000-09-14

[86] 1999-03-18 (PCT/US99/05987)

[87] 1999-09-23 (WO99/47350)

[30] US (60/078,418) 1998-03-18

[21] **2,323,902**
[13] A1

[51] **Int.Cl. 6B22D 41/34**

[25] EN

[54] **CLOSURE PLATE AND A SLIDE GATE ON THE OUTLET OF A CONTAINER CONTAINING MOLTEN METAL**

[54] **PLAQUE D'OBTURATION AINSI QUE Busette A TIROIR SUR LA Busette DE COULEE D'UN RECIPIENT CONTENANT DU METAL EN FUSION**

[72] TOALDO, WALTER, CH

[71] STOPINC AKTIENGESellschaft, CH

[85] 2000-09-14

[86] 1999-03-17 (PCT/CH99/00119)

[87] 1999-09-23 (WO99/47296)

[30] CH (634/98) 1998-03-17

[21] **2,323,905**
[13] A1

[51] **Int.Cl. 6H01G 9/08**

[25] EN

[54] **ALUMINIUM ELECTROLYTIC CAPACITOR**

[54] **CONDENSATEUR ELECTROLYTIQUE A L'ALUMINIUM**

[72] HEBEL, RAINER, DE

[72] SCHWEIKERT, WILHELM, DE

[71] EPCOS AG, DE

[85] 2000-09-14

[86] 1998-11-11 (PCT/DE98/03324)

[87] 1999-09-23 (WO99/48119)

[30] DE (198 11 862.7) 1998-03-18

[21] **2,323,906**
[13] A1

[51] **Int.Cl. 6C07F 9/50 6B01J 31/24 6C07C 67/36**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF BISPHOSPHINES**
[54] **PROCEDE DE PREPARATION DE BISPHOSPHINES**

[72] CAMPBELL, RICHARD ANTHONY, GB

[72] TOOZE, ROBERT PAUL, GB

[72] NEWMAN, PAUL DAVID, GB

[72] EDWARDS, PETER GERALD, GB

[72] EASTHAM, GRAHAM RONALD, GB

[72] THORPE, JAMIE MICHAEL, GB

[71] INEOS ACRYLICS UK LIMITED, GB

[85] 2000-09-14

[86] 1999-03-16 (PCT/GB99/00797)

[87] 1999-09-23 (WO99/47528)

[30] GB (9805348.1) 1998-03-16

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[21] **2,323,907**
[13] A1

[51] **Int.Cl. 6C08K 3/00 6C08K 5/00 6C08L 51/00 6C08L 33/06**
[25] EN
[54] **BIOCIDAL PLASTIC MATERIAL**
[54] **MATIERE PLASTIQUE A PROPRIETES DE BIOCIDES**
[72] BEVERLY, GORDON MAXWELL, GB
[72] ELLACOTT, MICHAEL JOHN, GB
[71] INEOS ACRYLICS UK LIMITED, GB
[85] 2000-09-14
[86] 1999-03-16 (PCT/GB99/00686)
[87] 1999-09-23 (WO99/47595)
[30] GB (9805487.7) 1998-03-17

[21] **2,323,911**
[13] A1

[51] **Int.Cl. 6B65B 61/14 6B65D 23/10**
[25] EN
[54] **AUTOMATED METHOD OF ATTACHING A HANDLE TO A CONTAINER**
[54] **PROCEDE AUTOMATIQUE DE FIXATION D'UNE POIGNEE SUR UN CONTENANT**
[72] LYONS, CRAWFORD, US
[71] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2000-09-14
[86] 1999-03-25 (PCT/US99/06516)
[87] 1999-09-30 (WO99/48761)
[30] US (09/049,162) 1998-03-26

[21] **2,323,918**
[13] A1

[51] **Int.Cl. 6E04D 13/18**
[25] EN
[54] **SOLAR ENERGY SECURITY BUS SHELTER**
[54] **ABRI D'AUTOBUS DE SECURITE UTILISANT L'ENERGIE SOLAIRE**
[72] DURHAM, TIMOTHY H., GB
[71] DURHAM, TIMOTHY H., GB
[85] 2000-09-14
[86] 1999-03-22 (PCT/US99/06237)
[87] 1999-10-07 (WO99/50514)
[30] US (09/050,877) 1998-03-31

[21] **2,323,920**
[13] A1

[51] **Int.Cl. 6G01M 3/04**
[25] EN
[54] **METHODS AND APPARATUS FOR MONITORING WATER PROCESS EQUIPMENT**
[54] **TECHNIQUES ET APPAREIL POUR LA SURVEILLANCE D'UNE INSTALLATION DE TRAITEMENT DE L'EAU**
[72] GUNTHER, JOHN C., US
[72] HONG, KE, US
[72] CHEN, HAIWEN, US
[71] BETZDEARBORN INC., US
[85] 2000-09-14
[86] 1999-02-10 (PCT/US99/02928)
[87] 1999-10-07 (WO99/50634)
[30] US (09/052,031) 1998-03-31

[21] **2,323,922**
[13] A1

[51] **Int.Cl. 6A61F 2/44**
[25] EN
[54] **PERCUTANEOUS PROSTHETIC SPINAL DISC NUCLEUS AND METHOD OF MANUFACTURE**
[54] **NOYAU DE DISQUE INTERVERTEBRAL PROTHETIQUE PERCUTANE ET PROCEDE DE FABRICATION**
[72] RAY, CHARLES D., US
[72] ASSELL, ROBERT L., US
[71] RAYMEDICA, INC., US
[85] 2000-09-14
[86] 1999-03-16 (PCT/US99/05757)
[87] 1999-09-23 (WO99/47082)
[30] US (09/039,582) 1998-03-16

[21] **2,323,923**
[13] A1

[51] **Int.Cl. 6A61M 5/32**
[25] EN
[54] **PRE-FILLED RETRACTABLE NEEDLE INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION PREALABLEMENT REMPLI A AIGUILLE RETRACTABLE**
[72] BARKER, JOHN, US
[72] HALSETH, THOR R., US
[72] BOTICH, MICHAEL J., US
[72] HALL, ROBERT L., US
[71] MDC INVESTMENT HOLDINGS, INC., US
[85] 2000-09-14
[86] 1999-03-01 (PCT/US99/04456)
[87] 1999-09-23 (WO99/47194)
[30] US (60/078,233) 1998-03-17
[30] US (60/120,889) 1999-02-20

[21] **2,323,925**
[13] A1

[51] **Int.Cl. 6A61K 9/50 6A61L 25/00 6A61L 27/00 6A61L 29/00 6A61L 31/00 6A61K 9/16 6A61K 38/42 6A61K 38/44**
[25] EN
[54] **CROSSLINKABLE MACROMERS BEARING INITIATOR GROUPS**
[54] **MACROMERES RETICULABLES PORTANT DES GROUPES INITIATEURS**
[72] CHUDZIK, STEPHEN J., US
[72] ANDERSON, ARON, B., US
[71] SURMODICS, INC., US
[85] 2000-09-14
[86] 1999-03-11 (PCT/US99/05244)
[87] 1999-09-23 (WO99/47129)
[30] US (60/078,607) 1998-03-19
[30] US (09/121,248) 1998-07-23

[21] **2,323,926**
[13] A1

[51] **Int.Cl. 6C07F 9/655 6C12Q 1/04 6C12Q 1/44**
[25] EN
[54] **NOVEL POTENTIALLY FLUOROGENIC COMPOUNDS**
[54] **NOUVEAUX COMPOSES POTENTIELLEMENT FLUOROPHORES**
[72] RESTAINO, LAWRENCE, US
[72] SCHABERT, GUNTER, CH
[71] BIOSYNTH AG, CH
[85] 2000-09-18
[86] 1999-02-02 (PCT/EP99/00678)
[87] 1999-09-30 (WO99/48899)
[30] EP (98105195.6) 1998-03-23

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,323,927 [13] A1</p> <p>[51] Int.Cl. 6C12N 7/04 6A61K 39/165 [25] EN [54] MUTATIONS RESPONSIBLE FOR ATTENUATION IN MEASLES VIRUS OR HUMAN RESPIRATORY SYNCYTIAL VIRUS SUBGROUP B [54] MUTATIONS RESPONSABLES DE L'ATTENUATION DU VIRUS DE LA ROUGEOLE OU DU VIRUS RESPIRATOIRE SYNCYTIAL HUMAIN DU SOUS-GROUPE B [72] BUONAGURIO, DEBORAH A., US [72] SIDHU, MOHINDERJIT S., US [72] RANDOLPH, VALERIE B., US [72] UDEM, STEPHEN A., US [71] AMERICAN CYANAMID COMPANY, US [85] 2000-09-25 [86] 1999-03-22 (PCT/US99/06225) [87] 1999-09-30 (WO99/49017) [30] US (60/079,466) 1998-03-26</p>	<p style="text-align: right;">[21] 2,323,930 [13] A1</p> <p>[51] Int.Cl. 6H04L 12/56 [25] EN [54] AMPIC DRAM SYSTEM IN A TELECOMMUNICATION SWITCH [54] SYSTEME DE MEMOIRE VIVE DYNAMIQUE AMPIC DANS UN COMMUTEUR DE TELECOMMUNICATIONS [72] PAL, SUBHASIS, US [72] SOMAN, SATISH S., US [71] NEXABIT NETWORKS, INC., US [85] 2000-09-14 [86] 1999-03-22 (PCT/IB99/00482) [87] 1999-10-07 (WO99/51000) [30] US (09/049,567) 1998-03-27</p>	<p style="text-align: right;">[21] 2,323,937 [13] A1</p> <p>[51] Int.Cl. 6H04N 7/16 [25] EN [54] AUDIENCE RATING SYSTEM FOR DIGITAL TELEVISION AND RADIO [54] SYSTEME DE CALCUL DU TAUX D'ECOUTE POUR TELEVISION ET RADIO NUMERIQUES [72] MASSETTI, ENRICO EMILIO, US [71] MASSETTI, ENRICO EMILIO, US [85] 2000-09-14 [86] 1999-05-21 (PCT/US99/10453) [87] 1999-12-02 (WO99/62260) [30] US (09/085,501) 1998-05-27 [30] US (09/289,758) 1999-04-12</p>
<p style="text-align: right;">[21] 2,323,929 [13] A1</p> <p>[51] Int.Cl. 6A61K 38/19 6A61K 31/70 [25] EN [54] METHODS AND PRODUCTS FOR STIMULATING THE IMMUNE SYSTEM USING IMMUNOTHERAPEUTIC OLIGONUCLEOTIDES AND CYTOKINES [54] PROCEDES ET PRODUITS SERVANT A STIMULER LE SYSTEME IMMUNITAIRE AU MOYEN D'OLIGONUCLEOTIDES ET DE CYTOKINES [54] IMMUNOTHERAPEUTIQUES [72] KRIEG, ARTHUR M., US [72] WEINER, GEORGE, US [71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US [85] 2000-09-22 [86] 1999-04-02 (PCT/US99/07335) [87] 1999-10-14 (WO99/51259) [30] US (60/080,729) 1998-04-03</p>	<p style="text-align: right;">[21] 2,323,932 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/68 6C12Q 1/02 [25] EN [54] METHODS FOR IDENTIFYING ANTI-CANCER AGENTS [54] PROCEDE D'IDENTIFICATION D'AGENTS ANTICANCEREUX [72] FISHER, PAUL B., US [72] GOLDSTEIN, NEIL I., US [72] SUN, YILONG, US [71] CHINOOK ACQUISITION CORPORATION, US [85] 2000-09-18 [86] 1999-03-18 (PCT/US99/05996) [87] 1999-09-23 (WO99/47709) [30] US (09/040,981) 1998-03-18</p>	<p style="text-align: right;">[21] 2,323,938 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/60 [25] EN [54] IMPROVED METHOD FOR USING AN ORTHOPAEDIC FIXATION DEVICE [54] PROCEDE AMELIORE D'UTILISATION D'UN DISPOSITIF DE FIXATION ORTHOPEDIQUE [72] TAYLOR, HAROLD S., US [72] TAYLOR, JOHN CHARLES, US [72] AUSTIN, GENE EDWARD, US [71] SMITH & NEPHEW, INC., US [85] 2000-09-14 [86] 1999-03-16 (PCT/US99/05738) [87] 1999-09-23 (WO99/47060) [30] US (09/040,022) 1998-03-17</p>
<p style="text-align: right;">[21] 2,323,934 [13] A1</p> <p>[51] Int.Cl. 6C07H 21/04 6A61K 48/00 6C07K 5/00 6C07K 14/00 6C07K 16/00 6C12N 5/12 6C12Q 1/68 6C12N 15/85 [25] EN [54] NUCLEIC ACID SEQUENCES AND PROTEINS ASSOCIATED WITH AGING [54] SEQUENCES D'ACIDES NUCLEIQUES ET PROTEINES ASSOCIEES AU VIEILLISSEMENT [72] BROWN, JOSEPH P., US [72] BURMER, GLENNA C., US [71] LIFESPAN BIOSCIENCES, INC., US [85] 2000-09-19 [86] 1999-04-15 (PCT/US99/08314) [87] 1999-10-21 (WO99/52929) [30] US (60/081,887) 1998-04-15 [30] US (09/292,758) 1999-04-14</p>	<p style="text-align: right;">[21] 2,323,934 [13] A1</p> <p>[51] Int.Cl. 6A61M 5/14 6A61B 16/00 6A01N 1/02 [25] EN [54] BRAIN RESUSCITATION APPARATUS AND METHOD [54] APPAREIL ET PROCEDE DE REANIMATION DU CERVEAU [72] OWEN, DONALD R., US [71] LIFE SCIENCE HOLDINGS, INC., US [85] 2000-09-14 [86] 1999-03-02 (PCT/US99/04485) [87] 1999-09-23 (WO99/47191) [30] US (09/039,557) 1998-03-16</p>	

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[21] **2,323,944**
[13] A1
[51] **Int.Cl. 6E04G 23/02 6E04C 3/34**
[25] EN
[54] **RETROFITTING EXISTING CONCRETE COLUMNS BY EXTERNAL PRESTRESSING**
[54] **ADAPTATION DE COLONNES EN BETON EXISTANTES PAR PRECONTRAINTE EXTERNE**
[72] SAATCIOGLU, MURAT, CA
[72] YALCIN, CEM, CA
[71] UNIVERSITY OF OTTAWA, CA
[85] 2000-09-14
[86] 1999-03-23 (PCT/CA99/00246)
[87] 1999-09-30 (WO99/49155)
[30] CA (2,233,025) 1998-03-24
[30] US (60/111,867) 1998-12-11

[21] **2,323,950**
[13] A1
[51] **Int.Cl. 6B25D 9/26 6E21C 3/04**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING DRILLING OF ROCK DRILL**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE SONDAGE D'UNE PERFORATRICE**
[72] MAKI, JORMA, FI
[72] KIIKKA, TIMO, FI
[72] MUUTTONEN, TIMO, FI
[71] SANDVIK AB, SE
[85] 2000-09-14
[86] 1999-03-16 (PCT/SE99/00401)
[87] 1999-09-23 (WO99/47313)
[30] FI (980586) 1998-03-17

[21] **2,323,952**
[13] A1
[51] **Int.Cl. 7C22C 38/00 7C22C 38/60**
[25] EN
[54] **MACHINE STRUCTURAL STEEL PRODUCT**
[54] **PRODUIT EN ACIER DESTINE A DES PIECES STRUCTURELLES DE MACHINES**
[72] WATARI, KOJI, JP
[72] OKADA, YASUTAKA, JP
[71] SUMITOMO METAL INDUSTRIES, LTD., JP
[85] 2000-09-14
[86] 2000-01-25 (PCT/JP00/00369)
[87] 2000-08-03 (WO00/44953)
[30] JP (11/19888) 1999-01-28
[30] JP (11/333127) 1999-11-24

[21] **2,323,962**
[13] A1
[51] **Int.Cl. 6A45D 24/22**
[25] EN
[54] **CONDITIONING AND UNTANGLING HAIRBRUSH**
[54] **BROSSE A CHEVEUX DE MISE EN FORME ET DE DEMELEMENT**
[72] DOHERTY, ANGELA, US
[71] DOHERTY, ANGELA, US
[85] 2000-09-07
[86] 1998-03-10 (PCT/US98/04847)
[87] 1999-09-16 (WO99/45815)

[21] **2,323,963**
[13] A1
[51] **Int.Cl. 6B41M 5/035**
[25] EN
[54] **METHOD AND DEVICE FOR TRANSFERRING A COLOUR PATTERN ON OR INTO AN OBJECT**
[54] **PROCEDE ET DISPOSITIF POUR APPLIQUER UN DECOR COLORE SUR UN ARTICLE ET/OU POUR L'INTRODUIRE A L'INTERIEUR DUDIT ARTICLE**
[72] ZAHER, MAXIMILIAN, DE
[72] KAMPMEIER, FRANZ, DE
[72] WALTER, THOMAS, DE
[71] BUSH INDUSTRIES, INC., US
[71] BUSH VIOTECHNIK GMBH, DE
[85] 2000-11-09
[86] 1999-01-29 (PCT/EP99/00601)
[87] 1999-08-12 (WO99/39915)
[30] DE (198 04 218.3) 1998-02-03

[21] **2,323,964**
[13] A1
[51] **Int.Cl. 6G06F 13/16 6G06F 13/36**
[25] EN
[54] **BUS SELECTOR AND INTEGRATED CIRCUIT SYSTEM**
[54] **SELECTEUR DE BUS ET SYSTEME DE CIRCUIT INTEGRE**
[72] HIRATA, TAKASHI, JP
[72] AKAMATSU, HIRONORI, JP
[72] MARUYAMA, TAKAFUMI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2000-09-11
[86] 1999-03-12 (PCT/JP99/01198)
[87] 1999-09-16 (WO99/46685)
[30] JP (10/60868) 1998-03-12
[30] JP (10/373436) 1998-12-28

[21] **2,323,965**
[13] A1
[51] **Int.Cl. 6C07D 473/40 6C07D 473/18 6C07D 473/32**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF PURINE DERIVATIVES**
[54] **PROCEDE SERVANT A PREPARER DES DERIVES DE PURINE**
[72] SHARE, ANDREW COLIN, GB
[72] GEEN, GRAHAM RICHARD, GB
[71] SMITHKLINE BEECHAM PLC, GB
[85] 2000-09-07
[86] 1999-03-30 (PCT/EP99/02309)
[87] 1999-10-14 (WO99/51604)
[30] GB (9807116.0) 1998-04-02

[21] **2,323,969**
[13] A1
[51] **Int.Cl. 6B29C 67/00 6A61M 5/00 6B28B 7/34 6B41B 11/54**
[25] EN
[54] **APPARATUS AND METHOD FOR FABRICATING NEEDLES VIA CONFORMAL DEPOSITION IN TWO-PIECE MOLDS**
[54] **APPAREIL ET PROCEDE DE FABRICATION D'AIGUILLES PAR DEPOT D'UN REVETEMENT CONFORME DANS DES MOULES EN DEUX PARTIES**
[72] PISANO, ALBERT P., US
[72] KELLER, CHRISTOPHER G., US
[72] TALBOT, NEIL H., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2000-09-15
[86] 1999-03-17 (PCT/US99/05624)
[87] 1999-09-23 (WO99/47341)
[30] US (09/044,398) 1998-03-18

[21] **2,323,997**
[13] A1
[51] **Int.Cl. 6F41H 11/16**
[25] EN
[54] **A DETONATOR MEMBER AND A METHOD OF ITS USE**
[54] **ELEMENT DE DETONATEUR ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] FRENCH, JOHN ROBERT, GB
[71] FRENCH, JOHN ROBERT, GB
[85] 2000-09-07
[86] 1999-03-05 (PCT/GB99/00651)
[87] 1999-09-10 (WO99/45335)
[30] GB (9804827.5) 1998-03-07

Demandes PCT entrant en phase nationale

[21] **2,323,998**
[13] A1

[51] **Int.Cl. 6A61F 13/46 6B32B 23/00 6D21H 23/14 6A61L 15/60**
[25] EN
[54] **METHODS FOR FORMING A FLUTED COMPOSITE**
[54] **PROCEDE D'ELABORATION D'UN COMPOSITE CANNELE**
[72] MILLER, CHARLES E., US
[72] BUNKER, DANIEL T., US
[72] HOWARD, FRED B., US
[72] BOLSTAD, CLIFFORD R., US
[71] WEYERHAEUSER COMPANY, US
[85] 2000-09-15
[86] 1999-03-18 (PCT/US99/05997)
[87] 1999-09-23 (WO99/47094)
[30] US (60/078,779) 1998-03-19
[30] US (60/082,790) 1998-04-23
[30] US (60/082,771) 1998-04-23
[30] US (60/111,845) 1998-12-11

[21] **2,324,001**
[13] A1

[51] **Int.Cl. 6A61K 31/19 6A61K 31/44**
[25] EN
[54] **ASSAY FOR IDENTIFICATION OF COMPOUNDS THAT PROMOTE MELANIN PRODUCTION AND RETINOID-LIKE COMPOUNDS IDENTIFIED BY SAID ASSAY**
[54] **DOSAGE D'IDENTIFICATION DE COMPOSES FAVORISANT LA PRODUCTION DE MELANINE, ET COMPOSES DE TYPE RETINOIDE IDENTIFIES PAR CE DOSAGE**
[72] RUNGTA, DEEPA, US
[71] GALDERMA RESEARCH & DEVELOPMENT, S.N.C., FR
[85] 2000-09-15
[86] 1999-05-06 (PCT/US99/09845)
[87] 1999-11-11 (WO99/56740)
[30] US (60/084,478) 1998-05-06

[21] **2,324,005**
[13] A1

[51] **Int.Cl. 6G06K 9/00**
[25] EN
[54] **CUSTOMIZABLE INTERNATIONAL NOTE COUNTER**
[54] **COMPTE-BILLET INTERNATIONAL PERSONNALISABLE**
[72] WEGGESSER, JOHN F., US
[72] MENNIE, DOUGLAS U., US
[72] MAZUR, RICHARD A., US
[72] WATTS, GARY P., US
[72] VOGEL, MATTHEW S., US
[71] CUMMINS-ALLISON CORP., US
[85] 2000-09-14
[86] 1999-03-03 (PCT/US99/04713)
[87] 1999-09-23 (WO99/48040)
[30] US (60/078,269) 1998-03-17
[30] US (09/179,573) 1998-10-27

[21] **2,323,999**
[13] A1

[51] **Int.Cl. 6H04L 12/24 6H04L 29/06**
[25] EN
[54] **COMPUTER NETWORK WITH DATA OR COMMUNICATIONS END SYSTEMS**
[54] **RESEAU INFORMATIQUE COMPORTANT DES SYSTEMES TERMINAUX DE DONNEES ET DE COMMUNICATIONS**
[72] MEY, THORSTEN-UWE, DE
[72] HERRMANN, DIRK, DE
[71] BB-DATA GESELLSCHAFT FUR INFORMATIONEN- UND KOMMUNIKATIONSSYSTEME MBH, DE
[85] 2000-09-15
[86] 1999-03-18 (PCT/EP99/01963)
[87] 1999-09-23 (WO99/48247)
[30] DE (198 12 901.7) 1998-03-18

[21] **2,324,002**
[13] A1

[51] **Int.Cl. 6C11D 3/386 6C11D 17/00 6A23C 7/02**
[25] EN
[54] **SOLID BLOCK ENZYMATIC CLEANING WITH ELECTROLYTIC CONTROL FOR CLEAN-IN-PLACE SYSTEMS**
[54] **NETTOYAGE ENZYMATIQUE EN BLOC SOLIDE A CONTROLE ELECTROLYTIQUE POUR SYSTEMES DE NETTOYAGE SUR PLACE**
[72] MCSHERRY, DAVID M., US
[72] CORDS, BRUCE R., US
[72] WEI, G. JASON, US
[71] ECOLAB INC., US
[85] 2000-09-14
[86] 1999-03-16 (PCT/US99/05748)
[87] 1999-09-23 (WO99/47631)
[30] US (09/040,628) 1998-03-18

[21] **2,324,006**
[13] A1

[51] **Int.Cl. 6G06F 13/38 6G11B 31/00 6G06F 1/16 6H04N 1/21**
[25] EN
[54] **APPARATUS AND METHOD FOR DIRECT CONNECTION OF A MASS STORAGE DRIVE TO A DIGITAL APPLIANCE**
[54] **APPAREIL ET PROCEDE DESTINES A LA CONNEXION DIRECTE D'UN LECTEUR DE STOCKAGE DE MASSE A UN APPAREIL NUMERIQUE**
[72] SCHWARTZ, JAMES H., US
[72] BAR, REFAEL, US
[72] ALFONSI, DANIEL, US
[71] IOMEGA CORPORATION, US
[85] 2000-09-15
[86] 1999-03-16 (PCT/US99/05560)
[87] 1999-09-23 (WO99/48016)
[30] US (60/078,192) 1998-03-16
[30] US (09/268,365) 1999-03-15

[21] **2,324,004**
[13] A1

[51] **Int.Cl. 7G06F 17/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SITE MANAGEMENT**
[54] **PROCEDE ET DISPOSITIF DE GESTION DE SITE**
[72] WINSTEAD, BEN E., US
[72] LONG, WILLIAM III, US
[72] MEYERS, ROBERT J., US
[71] RAWLS & WINSTEAD, INC., US
[85] 2000-09-14
[86] 2000-01-14 (PCT/US00/00893)
[87] 2000-07-20 (WO00/42522)
[30] US (09/231,506) 1999-01-14

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[21] **2,324,007**
[13] A1
[51] **Int.Cl. 6A61N 7/00 6A61B 8/00 6H02J 7/00 6B06B 1/02**
[25] EN
[54] **ULTRASONIC TREATMENT CONTROLLER**
[54] **COMMANDE DE TRAITEMENT A ULTRASONS**
[72] ROSE, EMERY, US
[72] WINDER, ALAN, US
[72] TALISH, ROGER, US
[72] KOSCICA, THOMAS, US
[71] EXOGEN, INC., US
[85] 2000-09-15
[86] 1999-03-17 (PCT/US99/05856)
[87] 1999-09-23 (WO99/47209)
[30] US (09/040,157) 1998-03-17

[21] **2,324,008**
[13] A1
[51] **Int.Cl. 6C08L 67/02 6C08G 63/181**
[25] EN
[54] **POLYESTER COMPOSITIONS**
[54] **COMPOSITIONS POLYESTERS**
[72] WOODFINE, BARRY, GB
[72] BASSAM, FARIDEH, GB
[72] THOMSON, MICHAEL DAVID, GB
[71] KABUSHIKI KAISHA KOBE SEIKO SHO ALSO KNOWN AS KOBE STEEL, LTD., JP
[85] 2000-09-08
[86] 1999-03-19 (PCT/GB99/00868)
[87] 1999-09-30 (WO99/48977)
[30] GB (9806537.8) 1998-03-26

[21] **2,324,017**
[13] A1
[51] **Int.Cl. 6H01M 6/04**
[25] EN
[54] **CORROSION INHIBITING ELECTROLYTIC SOLUTIONS**
[54] **SOLUTIONS ELECTROLYTIQUES INHIBITRICES DE CORROSION**
[72] BLACK, GERALD A., US
[72] STEINBRECHER, LESTER, US
[72] WHITE, R. ASHTON, US
[71] HENKEL CORPORATION, US
[85] 2000-09-15
[86] 1999-04-01 (PCT/US99/04286)
[87] 1999-10-14 (WO99/52161)
[30] US (09/055,958) 1998-04-07

[21] **2,324,078**
[13] A1
[51] **Int.Cl. 6A61B 5/00**
[25] EN
[54] **METHOD AND APPARATUS FOR THE EARLY DIAGNOSIS OF SUBACUTE, POTENTIALLY CATASTROPHIC ILLNESS**
[54] **METHODE ET APPAREIL DE DIAGNOSTIC PRECOCE DE MALADIES SUBAIGUES POTENTIELLEMENT CATASTROPHIQUES**
[72] MOORMAN J. RANDALL, US
[72] GRIFFIN, M. PAMELA, US
[71] THE UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[85] 2000-09-15
[86] 1999-03-17 (PCT/US99/05687)
[87] 1999-09-23 (WO99/47040)
[30] US (60/078,319) 1998-03-17

[21] **2,324,079**
[13] A1
[51] **Int.Cl. 7A23K 1/00 7A23P 1/00**
[25] EN
[54] **FOOD PRODUCTS AND CO-INJECTION PROCESSES FOR PREPARING SAME**
[54] **PRODUITS ALIMENTAIRES, ET PROCEDES DE CO-INJECTION DESTINES A LA PREPARATION DESDITS PRODUITS**
[72] WILLOUGHBY, CHRIS, US
[72] LARRIVEE, GARY A., US
[71] KELLOGG COMPANY, US
[85] 2000-09-15
[86] 2000-01-14 (PCT/US00/00949)
[87] 2000-07-20 (WO00/41574)
[30] US (60/116,135) 1999-01-15

[21] **2,324,080**
[13] A1
[51] **Int.Cl. 6G01N 33/50 6C12N 15/00 6C12N 15/12 6G01N 33/52 6C07K 14/705**
[25] EN
[54] **CO-EXPRESSION OF GIA PROTEIN AND GI PROTEIN COUPLED RECEPTOR TO ENHANCE SIGNAL TRANSDUCTION RESPONSES**
[54] **COEXPRESSION DE LA PROTEINE GIA ET DU RECEPTEUR COUPLE A LA PROTEINE GI, PERMETTANT D'AMELIORER LES REPONSES DE TRANSDUCTION DE SIGNAUX**
[72] HORLICK, ROBERT A., US
[72] ROBBINS, ALAN K., US
[72] DAMAJ, BASSAM B., US
[71] PHARMACOEPIA, INC., US
[85] 2000-09-15
[86] 1999-02-09 (PCT/US99/02852)
[87] 1999-09-23 (WO99/47921)
[30] US (09/040,961) 1998-03-18

[21] **2,324,082**
[13] A1
[51] **Int.Cl. 6G10L 3/00**
[25] EN
[54] **A PROCESS AND SYSTEM FOR OBJECTIVE AUDIO QUALITY MEASUREMENT**
[54] **PROCEDE ET SYSTEME DE MESURE OBJECTIVE DE LA QUALITE D'UN SIGNAL AUDIO**
[72] TREURNIET, WILLIAM C., CA
[72] SOULODRE, GILBERT ARTHUR JOSEPH, CA
[72] THIBAUT, LOUIS, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA
[85] 2000-09-15
[86] 1999-03-25 (PCT/CA99/00258)
[87] 1999-10-07 (WO99/50824)
[30] CA (2,230,188) 1998-03-27

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[21] **2,324,083**
[13] A1

[51] **Int.Cl. 6H04B 7/26 6H04Q 7/36**
[25] EN
[54] **MODULAR BASE STATION WITH VARIABLE COMMUNICATION CAPACITY**
[54] **STATION DE BASE MODULAIRE A CAPACITE DE COMMUNICATION VARIABLE**
[72] DICK, STEPHEN G., US
[72] POLAN, JEFFREY, US
[72] KAZAKEVICH, LEONID, US
[72] OZLUTURK, FATIH M., US
[72] REGIS, ROBERT T., US
[72] TURNER, RICHARD, US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2000-09-15
[86] 1999-03-17 (PCT/US99/05776)
[87] 1999-09-23 (WO99/48228)
[30] US (60/078,314) 1998-03-17

[21] **2,324,084**
[13] A1

[51] **Int.Cl. 6G01S 15/89 6G03B 42/06 6G01V 1/30**
[25] EN
[54] **IMAGING SYSTEM FOR DETECTING UNDERGROUND AND UNDERWATER OBJECTS AND ASSOCIATED METHOD**
[54] **SYSTEME D'IMAGERIE POUR DETECTER DES OBJETS SOUTERRAINS OU IMMERMES, ET PROCEDES CORRESPONDANTS**
[72] WILK, PETER J., US
[71] WILK PATENT DEVELOPMENT CORPORATION, US
[85] 2000-09-15
[86] 1999-03-12 (PCT/US99/05725)
[87] 1999-10-14 (WO99/51995)
[30] US (09/040,094) 1998-03-17
[30] US (09/063,019) 1998-04-20
[30] US (09/112,487) 1998-07-09
[30] US (09/121,488) 1998-07-23

[21] **2,324,086**
[13] A1

[51] **Int.Cl. 6H04N 5/00**
[25] EN
[54] **MEMORY MANAGEMENT IN A RECEIVER/DECODER**
[54] **GESTION DE MEMOIRE DANS UN RECEPTEUR/DECODEUR**
[72] DECLERCK, CHRISTOPHE, FR
[72] MERIC, JEROME, FR
[71] CANAL + SOCIETE ANONYME, FR
[85] 2000-09-15
[86] 1999-03-29 (PCT/IB99/00650)
[87] 1999-10-07 (WO99/51021)
[30] EP (98400764.1) 1998-03-27

[21] **2,324,096**
[13] A1

[51] **Int.Cl. 6G01N 33/53 6G01N 33/538 6G01N 33/543 6G01N 33/558**
[25] EN
[54] **INTEGRATED ASSAY DEVICE AND METHODS OF PRODUCTION AND USE**
[54] **DISPOSITIF DE DOSAGE INTEGRE ET SES PROCEDES DE PRODUCTION**
[72] KROLL, WERNER, DE
[72] TEANEY, GEORGE B., III, US
[72] STAVE, JAMES W., US
[71] STRATEGIC DIAGNOSTICS, INC., US
[71] BAYER AG, DE
[85] 2000-09-15
[86] 1999-03-05 (PCT/US99/04982)
[87] 1999-09-16 (WO99/46591)
[30] US (60/077,453) 1998-03-10

[21] **2,324,097**
[13] A1

[51] **Int.Cl. 6B05D 3/02**
[25] EN
[54] **METHOD FOR POWDER-COATING**
[54] **PROCEDE DE LAQUAGE PAR POWDRAGE**
[72] SEDLMEYR, MARTIN, DE
[71] ADVANCED PHOTONICS TECHNOLOGIES AG, DE
[85] 2000-09-15
[86] 1999-03-16 (PCT/EP99/01720)
[87] 1999-09-23 (WO99/47276)
[30] DE (198 11 319.6) 1998-03-16
[30] DE (198 31 781.6) 1998-07-15

[21] **2,324,098**
[13] A1

[51] **Int.Cl. 6G07B 17/00**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGEMENT OF CORRESPONDENCE**
[54] **SYSTEME ET PROCEDE DE GESTION DE CORRESPONDANCE**
[72] SCHWARTZ, ROBERT G., US
[72] BROOKNER, GEORGE, US
[71] ASCOM HASLER MAILING SYSTEMS INC., US
[85] 2000-09-15
[86] 1999-03-18 (PCT/US99/05893)
[87] 1999-09-23 (WO99/48054)
[30] US (60/078,487) 1998-03-18

[21] **2,324,099**
[13] A1

[51] **Int.Cl. 6G07B 17/00**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGEMENT OF POSTAGE METER LICENSES**
[54] **SYSTEME ET PROCEDE DE GESTION DE LICENCES D'AFFRANCHISSEUSES**
[72] NACLERIO, EDWARD J., US
[71] ASCOM HASLER MAILING SYSTEMS INC., US
[85] 2000-09-15
[86] 1999-03-18 (PCT/US99/05892)
[87] 1999-09-23 (WO99/48053)
[30] US (60/078,488) 1998-03-18

[21] **2,324,100**
[13] A1

[51] **Int.Cl. 6G07B 17/04**
[25] EN
[54] **TAMPER RESISTANT POSTAL SECURITY DEVICE WITH LONG BATTERY LIFE**
[54] **DISPOSITIF DE SECURITE ANTI-FRAUDE POUR AFFRANCHISSEUSE**
[72] NACLERIO, EDWARD J., US
[71] ASCOM HASLER MAILING SYSTEMS INC., US
[85] 2000-09-15
[86] 1999-03-18 (PCT/US99/05891)
[87] 1999-09-23 (WO99/48055)
[30] US (60/078,489) 1998-03-18

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<p style="text-align: right;">[21] 2,324,101 [13] A1</p> <p>[51] Int.Cl. 6F16C 29/02 [25] EN [54] POLYMER LINEAR GUIDE [54] GUIDE LINEAIRE POLYMERE [72] BURKHEAD, DAVID L., US [72] MARK, DAMON L., US [72] SEITZ, CHRIS G., US [71] MACHINE SYSTEMS LTD., US [85] 2000-09-15 [86] 1999-03-18 (PCT/US99/05820) [87] 1999-09-23 (WO99/47824) [30] US (60/078,433) 1998-03-18 [30] US (60/094,061) 1998-07-24</p>	<p style="text-align: right;">[21] 2,324,104 [13] A1</p> <p>[51] Int.Cl. 6A61F 2/44 6A61F 2/46 [25] EN [54] INTERVERTEBRAL IMPLANT WITH REDUCED CONTACT AREA AND METHOD [54] IMPLANT INTERVERTEBRAL A SURFACE DE CONTACT REDUITE ET PROCEDE [72] KOHRS, DOUGLAS W., US [71] SULZER SPINE-TECH INC., US [85] 2000-09-15 [86] 1999-03-18 (PCT/US99/05895) [87] 1999-09-23 (WO99/47083) [30] US (09/045213) 1998-03-20</p>	<p style="text-align: right;">[21] 2,324,148 [13] A1</p> <p>[51] Int.Cl. 6A47J 37/12 [25] EN [54] IMPROVED AUTOMATED FRYING MACHINE [54] MACHINE A FRIRE AUTOMATIQUE PERFECTIONNEE [72] CASTLEBURY, MICHAEL, US [71] MIRCO TECHNOLOGY, INC., US [85] 2000-09-15 [86] 1998-06-26 (PCT/US98/13344) [87] 1999-01-07 (WO99/00042) [30] US (60/050,802) 1997-06-26</p>
<p style="text-align: right;">[21] 2,324,102 [13] A1</p> <p>[51] Int.Cl. 6F02G 3/02 [25] EN [54] HIGH POWER DENSITY, DIESEL ENGINE [54] MOTEUR DIESEL A FORTE PUISSANCE VOLUMIQUE [72] BAKER, DOUGLAS M., US [71] TECAT ENGINEERING, INC., US [85] 2000-09-15 [86] 1999-03-17 (PCT/US99/05632) [87] 1999-09-23 (WO99/47804) [30] US (60/078,236) 1998-03-17</p>	<p style="text-align: right;">[21] 2,324,105 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/11 [25] EN [54] METHOD AND DEVICE FOR SUTURELESS ANASTOMOSIS [54] PROCEDE ET DISPOSITIF D'ANASTOMOSE SANS SUTURE [72] ROY, SUMIT, NO [72] FOSSE, ERIK, NO [71] ROY, SUMIT, NO [71] FOSSE, ERIK, NO [85] 2000-09-15 [86] 1999-03-19 (PCT/NO99/00093) [87] 1999-09-30 (WO99/48427) [30] NO (19981277) 1998-03-20</p>	<p style="text-align: right;">[21] 2,324,151 [13] A1</p> <p>[51] Int.Cl. 6C09G 1/02 6C09K 3/14 6H01L 21/302 [25] EN [54] CHEMICAL MECHANICAL POLISHING SLURRY USEFUL FOR COPPER SUBSTRATES [54] PATE A POLIR CHIMIO-MECANIQUE POUR SUBSTRATS DE CUIVRE [72] KISTLER, RODNEY C., US [72] WANG, SHUMIN, US [72] KAUFMAN, VLASTA BRUSIC, US [71] CABOT CORPORATION, US [85] 2000-09-15 [86] 1999-03-18 (PCT/US99/05968) [87] 1999-09-23 (WO99/47618) [30] US (09/040,630) 1998-03-18</p>
<p style="text-align: right;">[21] 2,324,103 [13] A1</p> <p>[51] Int.Cl. 6C22C 19/03 [25] EN [54] IMPROVED HYDROGEN STORAGE ALLOYS AND METHODS AND IMPROVED NICKEL METAL HYDRIDE ELECTRODES AND BATTERIES USING SAME [54] ALLIAGES DE STOCKAGE D'HYDROGENE AMELIORES, PROCEDES ASSOCIES ET ELECTRODES ET BATTERIES D'HYDRURE DE NICKEL EN ETANT FAIT [72] CHAO, BENJAMIN, US [72] YOUNG, ROSA T., US [72] OVSHINSKY, STANFORD R., US [71] ENERGY CONVERSION DEVICES, INC., US [85] 2000-09-15 [86] 1999-04-20 (PCT/US99/08622) [87] 1999-10-28 (WO99/54517) [30] US (09/064,543) 1998-04-22</p>	<p style="text-align: right;">[21] 2,324,137 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/30 [25] EN [54] IMPROVED SEARCH ENGINE [54] MOTEUR DE RECHERCHE AMELIORE [72] RYAN, GRANT JAMES, NZ [72] ROBINSON, DEL, NZ [72] RYAN, SHAUN WILLIAM, NZ [72] MUNRO, WAYNE ALISTAR, NZ [72] RYAN, CRAIG MATTHEW, NZ [71] NBCI ACQUISITION SUB II, LLC, US [85] 2000-09-15 [86] 1999-03-16 (PCT/US99/05588) [87] 1999-09-23 (WO99/48028) [30] US (60/078,199) 1998-03-16 [30] US (09/115,802) 1998-07-15</p>	<p style="text-align: right;">[21] 2,324,152 [13] A1</p> <p>[51] Int.Cl. 6A23K 1/02 6A23K 1/16 6A23K 1/18 [25] EN [54] FINE GRANULAR FEEDS FOR FRY [54] NOURRITURE EN GRAINS FINS POUR ALEVINS [72] ISHIDA, SHUZO, JP [72] TAKEUCHI, TOSHIO, JP [72] YAMADA, AKIO, JP [72] HAYASAWA, HIROTOSHI, JP [72] MIYAKAWA, HIROSHI, JP [72] KUDO, TSUTOMU, JP [72] OKUMA, NAOMICHI, JP [72] ISHIZUKA, WAICHI, JP [71] TAIYO YUSHI K. K., JP [71] MORINAGA MILK INDUSTRY CO., LTD., JP [85] 2000-09-15 [86] 1999-03-17 (PCT/JP99/01321) [87] 1999-09-23 (WO99/47002) [30] JP (10-90893) 1998-03-19</p>

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[21] **2,324,153**
[13] A1

[51] **Int.Cl. 6C07D 217/24 6C07D 401/12 6C07D 401/14 6A61K 31/47**
[25] EN
[54] **AMINOISOQUINOLINE DERIVATIVES**
[54] **DERIVES D'AMINOISOQUINOLEINE**
[72] NAKAGAWA, TADAKIYO, JP
[72] MAKINO, SHINGO, JP
[72] TAKAYANAGI, MASARU, JP
[72] SAGI, KAZUYUKI, JP
[72] KAYAHARA, TAKASHI, JP
[72] TAKEHANA, SHUNJI, JP
[71] AJINOMOTO CO., INC., JP
[85] 2000-09-15
[86] 1999-03-17 (PCT/JP99/01309)
[87] 1999-09-23 (WO99/47503)
[30] JP (10/70771) 1998-03-19
[30] JP (10/197133) 1998-07-13

[21] **2,324,154**
[13] A1

[51] **Int.Cl. 6C07D 487/04 6C07D 239/00 6C07D 249/00 6A01N 43/90**
[25] EN
[54] **FUNGICIDAL 6-(2-HALO-4-ALKOXYPHENYL)-TRIAZOLOPYRIMIDINES**
[54] **6-(2-HALO-4-ALCOXYPHENYL)-TRIAZOLOPYRIMIDINES FONGICIDES**
[72] PFRENGLE, WALDEMAR, DE
[71] AMERICAN CYANAMID COMPANY, US
[85] 2000-09-15
[86] 1999-03-19 (PCT/US99/05915)
[87] 1999-09-30 (WO99/48893)
[30] WO (PCT/US98/05615) 1998-03-23
[30] US (09/160,899) 1998-09-25

[21] **2,324,155**
[13] A1

[51] **Int.Cl. 6H05B 6/78 6H05B 6/74**
[25] EN
[54] **MICROWAVE HEATING APPARATUS**
[54] **APPAREIL DE CHAUFFAGE PAR MICRO-ONDES**
[72] RISMAN, PER OLOV, SE
[71] THE RUBBRIGHT GROUP, INC., US
[85] 2000-09-15
[86] 1999-03-11 (PCT/SE99/00375)
[87] 1999-09-23 (WO99/48335)
[30] SE (9800857-6) 1998-03-16

[21] **2,324,156**
[13] A1

[51] **Int.Cl. 6H04L 9/32 6H04N 7/167**
[25] EN
[54] **AUTHENTICATION OF DATA IN A DIGITAL TRANSMISSION SYSTEM**
[54] **AUTHENTICIFICATION DE DONNEES DANS UN SYSTEME DE TRANSMISSION NUMERIQUE**
[72] BEUQUE, JEAN-BERNARD GERARD MAURICE, FR
[71] CANAL + SOCIETE ANONYME, FR
[85] 2000-09-15
[86] 1999-03-25 (PCT/IB99/00621)
[87] 1999-09-30 (WO99/49614)
[30] EP (98400686.6) 1998-03-25

[21] **2,324,158**
[13] A1

[51] **Int.Cl. 7A63B 71/14**
[25] EN
[54] **SPORTS GLOVES**
[54] **GANTS DE SPORT**
[72] YOSHIDA, SATOSHI, JP
[72] NISHIJIMA, KONOSUKE, JP
[72] SOMA, TETSU, JP
[71] MIZUNO CORPORATION, JP
[85] 2000-09-15
[86] 1999-12-24 (PCT/JP99/07308)
[87] 2000-07-20 (WO00/41777)
[30] JP (11-008921) 1999-01-18
[30] JP (11-351334) 1999-12-10

[21] **2,324,159**
[13] A1

[51] **Int.Cl. 6C07C 409/04 6C07C 407/00 6C07C 409/08 6C07C 31/12 6C07C 409/14 6C07C 29/50**
[25] EN
[54] **PEROXIDE PRODUCTION**
[54] **PRODUCTION DE PEROXYDES**
[72] CULBRETH, WILLIAM K., III, US
[72] PRESTON, KYLE L., US
[72] TAYLOR, MARK E., US
[72] MUELLER, MARK A., US
[71] HUNTSMAN SPECIALTY CHEMICALS CORPORATION, US
[85] 2000-09-15
[86] 1999-03-03 (PCT/US99/04733)
[87] 1999-09-23 (WO99/47499)
[30] US (09/040,817) 1998-03-18

[21] **2,324,207**
[13] A1

[51] **Int.Cl. 6A21C 9/08**
[25] EN
[54] **DOUGH BALL LOADER**
[54] **CHARGEUR DE BOULES DE PATE**
[72] LAWRENCE, ERIC CLAY, US
[71] LAWRENCE EQUIPMENT, INC., US
[85] 2000-09-18
[86] 1999-03-09 (PCT/US99/05106)
[87] 1999-09-23 (WO99/46995)
[30] US (09/044,520) 1998-03-19

[21] **2,324,208**
[13] A1

[51] **Int.Cl. 6C12M 3/04 6C12M 1/34**
[25] EN
[54] **VASCULARIZED PERFUSED MICROTISSUE/MICRO-ORGAN ARRAYS**
[54] **ENSEMBLE DE MICRO-TISSUS ET DE MICRO-ORGANES VASCULARISES ET PERFUSES**
[72] THOMPSON, CHARLES D., US
[72] TANNENBAUM, STEVEN R., US
[72] GRIFFITH, LINDA G., US
[72] DOMANSKY, KAREL, US
[72] POWERS, MARK J., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2000-09-18
[86] 1999-03-18 (PCT/US99/05974)
[87] 1999-09-23 (WO99/47922)
[30] US (60/078,452) 1998-03-18

[21] **2,324,209**
[13] A1

[51] **Int.Cl. 6A01N 59/12 6A62D 3/00 6C09D 5/14**
[25] EN
[54] **COMPOSITION FOR DEACTIVATING CHEMICALLY AND BIOLOGICALLY ACTIVE AGENTS**
[54] **COMPOSITION DE DESACTIVATION D'AGENTS CHIMIQUEMENT ET BIOLOGIQUEMENT ACTIFS**
[72] BROWN, DAVID H., US
[72] LADEROUTE, NORBERT G., CA
[72] MESSIER, PIERRE JEAN, CA
[72] MOOREHEAD, JOHN S., US
[72] BLANEY, LYNETTE D., US
[71] BATELLE MEMORIAL INSTITUTE, US
[85] 2000-09-18
[86] 1999-03-18 (PCT/US99/05862)
[87] 1999-09-23 (WO99/46990)
[30] US (60/078,642) 1998-03-19
[30] US (09/270,636) 1999-03-17

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[21] **2,324,210**
[13] A1
[51] **Int.Cl. 6A61B 8/00 6A61B 8/14**
[25] EN
[54] **TRANSVASCULAR CATHETERS HAVING IMAGING TRANSDUCERS**
[54] **CATHETERS DE PENETRATION TISSULAIRE POURVUS DE TRANSDUCTEURS D'IMAGERIE INTEGRES, ET MODE D'UTILISATION**
[72] EVARD, PHILLIP C., US
[72] THOLFSEN, DAVID R., US
[72] CHANG, JOHN Y., US
[72] WHITT, JASON B., US
[72] FLAHERTY, J. CHRISTOPHER, US
[71] TRANSVASCULAR, INC., US
[85] 2000-09-18
[86] 1999-03-31 (PCT/US99/07112)
[87] 1999-10-07 (WO99/49910)
[30] US (60/080,196) 1998-03-31

[21] **2,324,211**
[13] A1
[51] **Int.Cl. 6E04C 1/00 6B28B 3/00 6E04B 1/00 6E04B 2/00 6E02D 35/00 6E04B 5/04 6B22D 19/04 6E04B 2/08 6B29C 39/12 6B28B 7/16 6B22C 9/24 6B28B 7/28 6B41B 11/54**
[25] EN
[54] **BLOCK SYSTEM**
[54] **SYSTEME DE BLOCS**
[72] DIAL, TED C., JR., US
[71] DIAL, TED C., JR., US
[85] 2000-09-18
[86] 1999-03-19 (PCT/US99/06177)
[87] 1999-09-30 (WO99/49148)
[30] US (60/078,992) 1998-03-23
[30] US (09,270,888) 1999-03-17

[21] **2,324,212**
[13] A1
[51] **Int.Cl. 6G02B 3/14**
[25] EN
[54] **IMPROVEMENTS IN VARIABLE FOCUS OPTICAL DEVICES**
[54] **PERFECTIONNEMENTS PORTANT SUR DES DISPOSITIFS OPTIQUES A FOCALE VARIABLE**
[72] SILVER, JOSHUA DAVID, GB
[71] SILVER, JOSHUA DAVID, GB
[85] 2000-09-18
[86] 1999-03-18 (PCT/GB99/00747)
[87] 1999-09-23 (WO99/47948)
[30] GB (9805977.7) 1998-03-19

[21] **2,324,213**
[13] A1
[51] **Int.Cl. 6G01C 21/00**
[25] EN
[54] **NAVIGATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE NAVIGATION**
[72] TSUYUKI, TOSHIO, JP
[71] TSUYUKI, TOSHIO, JP
[85] 2000-09-18
[86] 1999-03-18 (PCT/JP99/01344)
[87] 1999-09-23 (WO99/47892)
[30] JP (10/110023) 1998-03-18

[21] **2,324,214**
[13] A1
[51] **Int.Cl. 6E21B 17/042**
[25] EN
[54] **THREAD JOINT FOR PERCUSSIVE DRILLING, MALE AND FEMALE PORTION FOR FORMING PART OF THE JOINT AND METHOD OF MANUFACTURING A PRODUCT HAVING THREAD FOR FORMING PART OF A THREAD JOINT FOR PERCUSSIVE DRILLING**
[54] **RACCORD FILETE POUR FORAGE PAR PERCUSSION, PIECES MALE ET FEMELLE DESTINEES A FAIRE PARTIE DE CE RACCORD ET PROCEDE DE FABRICATION D'UN PRODUIT AVEC FILETAGE DESTINE A FAIRE PARTIE D'UN RACCORD FILETE POUR FORAGE PAR PERCUSSION**
[72] OLSSON, URBAN, SE
[72] LILJEBRAND, PER-OLOF, SE
[71] SANDVIK AB, SE
[85] 2000-09-18
[86] 1999-03-19 (PCT/SE99/00431)
[87] 1999-09-30 (WO99/49176)
[30] SE (9800995-4) 1998-03-24

[21] **2,324,215**
[13] A1
[51] **Int.Cl. 6C01G 49/06 6C01G 49/08**
[25] EN
[54] **METHOD FOR PRODUCING IRON OXIDE PIGMENTS FROM WASTE ACID RESULTING FROM TIO2 PRODUCTION**
[54] **PROCEDE PERMETTANT DE FABRIQUER DES PIGMENTS A BASE D'OXYDE DE FER A PARTIR D'ACIDE DILUE PROVENANT DE LA FABRICATION DU TIO2**
[72] MEISEN, ULRICH, DE
[72] JULIUS, UDO, DE
[72] SCHUY, WERNER, DE
[72] LAILACH, GUNTER, DE
[72] AUER, GERHARD, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2000-09-18
[86] 1999-03-17 (PCT/EP99/01736)
[87] 1999-09-30 (WO99/48815)
[30] DE (198 12 260.8) 1998-03-20

[21] **2,324,216**
[13] A1
[51] **Int.Cl. 6G01F 1/66**
[25] EN
[54] **GAS METER DUST FILTER**
[54] **COMPTEUR DE GAZ A FILTRES ANTI-POUSSIERES**
[72] LAVRUT, ERIC, FR
[71] SCHLUMBERGER INDUSTRIES, S.A., FR
[85] 2000-09-18
[86] 1999-03-15 (PCT/FR99/00577)
[87] 1999-09-23 (WO99/47896)
[30] FR (98/03512) 1998-03-19

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[21] **2,324,217**
[13] A1

[51] **Int.Cl. 6C07D 307/20**
[25] EN
[54] **PROCESS FOR THE SYNTHESIS OF HIV PROTEASE INHIBITORS**
[54] **PROCEDE DE SYNTHESE D'INHIBITEURS DE VIH-PROTEASE**
[72] ROBERTSON, MARK STUART, GB
[72] TUNG, ROGER DENNIS, US
[72] RODGERS, KEITH, GB
[72] O'CALLAGHAN, JOHN, GB
[72] MCGHIE, STEPHEN, GB
[72] SINGH, HARDEV, GB
[72] ROUT, STEPHEN, GB
[72] DEININGER, DAVID D., US
[72] AL-FARHAN, EMILE, US
[71] GLAXO GROUP LIMITED, GB
[85] 2000-09-18
[86] 1999-03-18 (PCT/GB99/00852)
[87] 1999-09-30 (WO99/48885)
[30] GB (9805898.5) 1998-03-20

[21] **2,324,218**
[13] A1

[51] **Int.Cl. 6B60R 22/00 6A47C 31/00 6B64D 11/06**
[25] EN
[54] **VEHICLE OCCUPANT RESTRAINT HARNESS**
[54] **HARNAIS DE RETENUE DES OCCUPANTS D'UNE AUTOMOBILE**
[72] BRADLEY, GARY FURMAN, US
[71] SIMULA INC., US
[85] 2000-09-18
[86] 1999-03-16 (PCT/US99/06151)
[87] 1999-09-23 (WO99/47390)
[30] US (60/078,598) 1998-03-19

[21] **2,324,219**
[13] A1

[51] **Int.Cl. 6G06F 9/30 6G06F 9/38**
[25] EN
[54] **A DIGITAL SIGNAL PROCESSOR**
[54] **PROCESSEUR DE SIGNAUX NUMERIQUES**
[72] SIH, GILBERT C., US
[72] ZHANG, LI, US
[72] SAKAMAKI, CHARLES E., US
[72] ZOU, QUIZHEN, US
[72] LEE, WAY-SHING, US
[72] ZHANG, HAITAO, US
[72] JHA, SANJAY K., US
[72] MOTIWALA, QUAEED, US
[72] LIN, JIAN, US
[72] KANTAK, PRASHANT A., US
[72] JOHN, DEEPU, US
[72] KANG, INYUP, US
[71] QUALCOMM INCORPORATED, US
[85] 2000-09-18
[86] 1999-03-04 (PCT/US99/04887)
[87] 1999-09-23 (WO99/47999)
[30] US (09/044,087) 1998-03-18
[30] US (09/044,088) 1998-03-18
[30] US (09/044,089) 1998-03-18
[30] US (09/044,104) 1998-03-18
[30] US (09/044,086) 1998-03-18
[30] US (09/044,108) 1998-03-18

[21] **2,324,221**
[13] A1

[51] **Int.Cl. 6A61F 2/30 6A61F 2/36 6A61F 2/40**
[25] EN
[54] **PROSTHESIS HAVING WEDGE-SHAPED BODY**
[54] **PROTHESE POURVUE D'UN CORPS CUNEIFORME**
[72] WHITE, PATRICK MICHEL, US
[71] WHITE, PATRICK MICHEL, US
[85] 2000-09-18
[86] 1999-03-18 (PCT/US99/05950)
[87] 1999-09-23 (WO99/47081)
[30] US (09/040,700) 1998-03-18

[21] **2,324,222**
[13] A1

[51] **Int.Cl. 6B09B 3/00 6C05F 1/00 6C05F 9/00**
[25] EN
[54] **METHOD FOR BIO-REFINING ORGANIC WASTE MATERIAL TO PRODUCE DENATURED AND STERILE NUTRIENT PRODUCTS**
[54] **PROCEDE DE BIORAFFINAGE DE DECHETS ORGANIQUES POUR LA PRODUCTION DE PRODUITS NUTRITIONNELS STERILES ET DENATURES**
[72] SCHMIDT, ERICK, CA
[71] SCHMIDT, ERICK, CA
[85] 2000-09-18
[86] 1999-03-18 (PCT/CA99/00220)
[87] 1999-09-23 (WO99/47282)
[30] US (60/078,437) 1998-03-18

[21] **2,324,223**
[13] A1

[51] **Int.Cl. 7G01F 11/28 7A47J 31/32 7A47J 31/40**
[25] EN
[54] **APPARATUS FOR DISPENSING EQUAL VOLUMES OF LIQUID**
[54] **APPAREIL DE DISTRIBUTION DE VOLUMES EGAUX DE LIQUIDE**
[72] BEAULIEU, RODERICK H., US
[72] SYLVAN, JOHN E., US
[71] KEURIG, INC., US
[85] 2000-09-18
[86] 2000-01-14 (PCT/US00/00955)
[87] 2000-07-27 (WO00/43737)
[30] US (09/233,272) 1999-01-19

[21] **2,324,224**
[13] A1

[51] **Int.Cl. 6H04R 5/00**
[25] EN
[54] **IN-HOME THEATER SURROUND SOUND SPEAKER SYSTEM**
[54] **SYSTEME DE REPRODUCTION SONORE PERIPHERIQUE POUR THEATRE DOMESTIQUE**
[72] RUZICKA, JEROME E., US
[71] REP INVESTMENT LIMITED LIABILITY COMPANY, US
[85] 2000-09-18
[86] 1999-03-19 (PCT/US99/06001)
[87] 1999-09-23 (WO99/48327)
[30] US (09/044,620) 1998-03-19

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[21] **2,324,225**
[13] A1

[51] **Int.Cl. 6C12N 15/86**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR HELPER-FREE PRODUCTION OF RECOMBINANT ADENO-ASSOCIATED VIRUSES**
[54] **COMPOSITIONS ET METHODES DE PRODUCTION DE VIRUS ADENO-ASSOCIES RECOMBINES SANS AUXILIAIRE**
[72] WILSON, JAMES M., US
[72] GAO, GUANG-PING, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2000-09-18
[86] 1999-03-18 (PCT/US99/05870)
[87] 1999-09-23 (WO99/47691)
[30] US (60/078,908) 1998-03-20

[21] **2,324,226**
[13] A1

[51] **Int.Cl. 6C07K 5/023 6A61K 38/03 6A61K 38/04 6C07D 401/12 6A61K 31/47**
[25] EN
[54] **INHIBITORS OF CASPASES**
[54] **INHIBITEURS DE CASPASES**
[72] WANNAMAKER, MARION W., US
[72] FORSTER, CORNELIA J., US
[72] SHI, ZHAN, US
[72] BEMIS, GUY W., US
[72] MULLICAN, MICHAEL D., US
[72] JANETKA, JAMES W., US
[72] DAVIES, ROBERT J., US
[72] CHARIFSON, PAUL S., US
[72] GRILLOT, ANNE-LAURE, US
[72] WILSON, KEITH P., US
[72] MURCKO, MARK A., US
[72] LAUFFER, DAVID J., US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2000-09-18
[86] 1999-03-19 (PCT/US99/05919)
[87] 1999-09-23 (WO99/47545)
[30] US (60/078,770) 1998-03-19

[21] **2,324,231**
[13] A1

[51] **Int.Cl. 6H04Q 7/20**
[25] EN
[54] **SIMULCAST WITH HIERARCHICAL CELL STRUCTURE OVERLAY**
[54] **DIFFUSION SIMULTANEE A PLAN DE STRUCTURE CELLULAIRE HIERARCHISEE**
[72] JOHNSON, THOMAS J., US
[72] SABAT, JOHN JR., US
[72] GREENWOOD, KENNETH C., US
[71] TRANSCPT, INC., US
[85] 2000-09-14
[86] 1999-03-17 (PCT/US99/05844)
[87] 1999-09-23 (WO99/48309)
[30] US (09/042,950) 1998-03-17

[21] **2,324,232**
[13] A1

[51] **Int.Cl. 6H01M 2/12**
[25] EN
[54] **FLOODED LEAD ACID BATTERY WITH TILT-OVER CAPABILITY**
[54] **ACCUMULATEUR AU PLOMB A PILE OUVERTE CAPABLE D'INCLINAISON**
[72] FERES, FRED F., US
[71] EXIDE CORPORATION, US
[85] 2000-09-14
[86] 1999-03-17 (PCT/US99/05784)
[87] 1999-09-23 (WO99/48161)
[30] US (09/042,720) 1998-03-17
[30] US (09/102,902) 1998-06-23

[21] **2,324,233**
[13] A1

[51] **Int.Cl. 6E21B 7/00**
[25] EN
[54] **METHOD AND SYSTEM FOR OPTIMIZING PENETRATION RATE**
[54] **PROCEDE ET SYSTEME SERVANT A OPTIMISER UNE VITESSE DE PENETRATION**
[72] BENTON, DENISE, US
[72] KRISHNAMOORTHY, KALIMUTHU, US
[72] KING, CHARLES H., US
[72] PINCKARD, MITCHELL D., US
[71] NOBLE ENGINEERING AND DEVELOPMENT LTD., US
[85] 2000-09-14
[86] 1999-04-01 (PCT/US99/07434)
[87] 1999-10-14 (WO99/51849)
[30] US (09/053,955) 1998-04-02

[21] **2,324,235**
[13] A1

[51] **Int.Cl. 6C08J 3/14 6C08J 3/09 6A61K 9/51**
[25] EN
[54] **PRODUCTION OF MICROPARTICLES**
[54] **PRODUCTION DE MICROPARTICULES**
[72] DAWSON, GORDON FINDLAY, GB
[72] KOPPENHAGEN, FRANK, GB
[71] CENES DRUG DELIVERY LIMITED, GB
[85] 2000-09-14
[86] 1999-03-15 (PCT/GB99/00685)
[87] 1999-09-23 (WO99/47588)
[30] GB (9805417.4) 1998-03-14

[21] **2,324,236**
[13] A1

[51] **Int.Cl. 6F16L 37/252**
[25] EN
[54] **CRYOGENIC FLUID CONDUIT COUPLING DEVICE**
[54] **DISPOSITIF DE RACCORDEMENT DE CONDUITS POUR FLUIDE CRYOGENIQUE**
[72] OWEN, DONALD R., US
[71] LIFE SCIENCE HOLDINGS, INC., US
[85] 2000-09-14
[86] 1999-03-02 (PCT/US99/04604)
[87] 1999-09-23 (WO99/47845)
[30] US (09/039,378) 1998-03-16

[21] **2,324,237**
[13] A1

[51] **Int.Cl. 6A61K 31/50 6A61K 31/14 6A61K 31/42 6A61K 31/445 6A61K 31/465 6A61K 31/495**
[25] EN
[54] **COMBINATION OF A GABA-A ALPHA 5 INVERSE AGONIST AND A NICOTINIC AGONIST**
[54] **COMBINAISON D'UN AGONISTE INVERSE DU GABAA ALPHA 5 ET D'UN AGONISTE DE LA NICOTINE**
[72] DAWSON, GERARD RAPHAEL, GB
[71] MERCK SHARP & DOHME LIMITED, GB
[85] 2000-09-14
[86] 1999-03-16 (PCT/GB99/00800)
[87] 1999-09-23 (WO99/47142)
[30] GB (9805559.3) 1998-03-16

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[21] **2,324,238**
[13] A1

[51] **Int.Cl. 6C09C 1/60 6C09C 1/58**
[25] EN
[54] **SOOT GRANULES**
[54] **GRANULES DE SUIE**
[72] HEMPELMANN, UWE, DE
[72] EITEL, MANFRED, DE
[72] LINDE, GUNTER, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2000-09-14
[86] 1999-03-10 (PCT/EP99/01537)
[87] 1999-09-23 (WO99/47609)
[30] DE (198 11 553.9) 1998-03-18

[21] **2,324,240**
[13] A1

[51] **Int.Cl. 6H04L 9/32 6G06F 17/60**
[25] EN
[54] **PROCEDURE AND SYSTEM FOR RELIABLE AND SAFE IDENTIFICATION OF A CONTRACTING PARTY**
[54] **PROCEDE ET SYSTEME PERMETTANT L'IDENTIFICATION FIABLE ET SECURISEE DE PARTIES CONTRACTANTES**
[72] VATANEN, HARRI, FI
[71] SONERA SMARTTRUST OY, FI
[85] 2000-09-14
[86] 1999-03-17 (PCT/FI99/00208)
[87] 1999-09-23 (WO99/48242)
[30] FI (980591) 1998-03-17

[21] **2,324,241**
[13] A1

[51] **Int.Cl. 6C08G 18/10 6C08G 18/48 6C08G 18/72**
[25] EN
[54] **PROCESS FOR MAKING CLEAR POLYURETHANE/UREA ELASTOMERS**
[54] **PROCEDE DE PREPARATION D'ELASTOMERES CLAIRS DE POLYURETHANNE/UREE**
[72] SHEN, CHIN-CHANG, US
[72] SENEKER, STEPHEN, US
[71] BAYER ANTWERPEN N.V., BE
[85] 2000-09-14
[86] 1999-03-11 (PCT/EP99/01604)
[87] 1999-09-23 (WO99/47577)
[30] US (09/039,964) 1998-03-16

[21] **2,324,243**
[13] A1

[51] **Int.Cl. 7H01J 9/18 7H01J 37/12**
[25] EN
[54] **PRECISION ALIGNMENT AND ASSEMBLY OF MICROLENSES AND MICROCOLUMNS**
[54] **ALIGNEMENT ET ASSEMBLAGE DE PRECISION DE MICROLENTILLES ET MICROCOLONNES**
[72] CHANG, TAI-HON PHILIP, US
[72] RISHTON, STEPHEN A., US
[72] LEE, KIM Y., US
[72] KIM, HO-SEOB, US
[71] ETEC SYSTEMS, INC., US
[85] 2000-09-14
[86] 2000-02-07 (PCT/US00/03174)
[87] 2000-08-10 (WO00/46831)
[30] US (09/246,573) 1999-02-08

[21] **2,324,244**
[13] A1

[51] **Int.Cl. 6B01J 19/00**
[25] EN
[54] **UNITARY CHEMICAL PROCESSING DEVICE**
[54] **DISPOSITIF AUTONOME DE TRAITEMENT CHIMIQUE**
[72] NORTHRUP, M. ALLEN, US
[72] PETERSEN, KURT E., US
[72] KOVACS, GREGORY T. A., US
[72] MCMILLAN, WILLIAM A., US
[71] CEPHEID, US
[85] 2000-09-15
[86] 1999-03-17 (PCT/US99/06150)
[87] 1999-09-23 (WO99/47255)
[30] US (09/040,498) 1998-03-17

[21] **2,324,245**
[13] A1

[51] **Int.Cl. 6A01N 65/00**
[25] EN
[54] **A HERBICIDE**
[54] **HERBICIDE**
[72] RYAN, ROBERT EUGENE, GB
[72] MORRIS, SANDRA, GB
[71] BARRIER BIOTECH LIMITED, GB
[85] 2000-09-15
[86] 1999-03-17 (PCT/GB99/00809)
[87] 1999-09-23 (WO99/46994)
[30] GB (9805670.8) 1998-03-17

[21] **2,324,246**
[13] A1

[51] **Int.Cl. 7H04J 14/00 7H04J 14/08**
[25] EN
[54] **OPTICAL LAYER SURVIVABILITY AND SECURITY SYSTEM**
[54] **SYSTEME DE SECURITE ET DE PERENNITE DE COUCHE OPTIQUE**
[72] CHANG, GEE-KUNG, US
[72] ELLINAS, GEORGIOS, US
[72] MONMA, CLYDE, US
[72] GRAVEMAN, RICHARD, US
[71] TELCORDIA TECHNOLOGIES INC., US
[85] 2000-09-15
[86] 2000-01-25 (PCT/US00/01882)
[87] 2000-07-27 (WO00/44118)
[30] US (60/117,074) 1999-01-25

[21] **2,324,247**
[13] A1

[51] **Int.Cl. 6B01D 53/04 6B01J 20/26 6B01D 53/28 6B01J 20/32**
[25] EN
[54] **CELLULOSE/POLYMER COMPOSITE ENTHALPY EXCHANGER AND METHOD FOR ITS MANUFACTURE**
[54] **ECHANGEUR ENTHALPIQUE A BASE DE COMPOSITE CELLULOSE/POLYMER ET PROCEDE DE FABRICATION ASSOCIE**
[72] HOSATTE, SOPHIE, CA
[72] COTE, ROLAND, CA
[72] AMAZOUZ, MOULOUD, CA
[71] HER MAJESTY, THE QUEEN, IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA
[85] 2000-09-15
[86] 1999-03-15 (PCT/CA99/00215)
[87] 1999-09-23 (WO99/47239)
[30] US (09/039,410) 1998-03-16

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[21] **2,324,248**
[13] A1
[51] **Int.Cl. 6C07H 21/04 6C12N 5/00
6C12N 15/00 6C12N 9/12 6C12N 1/14
6C12N 1/20 6C12P 19/34**
[25] EN
[54] **THERMOSTABLE DNA
POLYMERASE FROM
THERMOANAEROBACTER
THERMOHYDROSULFURICUS**
[54] **POLYMERASE D'ADN
THERMOSTABLE PROVENANT DU
THERMOANAEROBACTER
THERMOHYDROSULFURICUS**
[72] MAMONE, JOSEPH A., US
[72] SHA, DAN, US
[72] DAVIS, MARIA, US
[71] AMERSHAM PHARMACIA
BIOTECH, INC., US
[85] 2000-09-15
[86] 1999-03-17 (PCT/US99/05612)
[87] 1999-09-23 (WO99/47539)
[30] US (09/044,106) 1998-03-18

[21] **2,324,249**
[13] A1
[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **METHOD FOR DETECTING A
NUCLEOTIDE SEQUENCE**
[54] **PROCEDE DE DETECTION D'UNE
SEQUENCE NUCLEOTIDIQUE**
[72] BERTLING, WOLF, DE
[71] NOVEMBER
AKTIENGESELLSCHAFT
GESELLSCHAFT FUR MOLEKULARE
MEDIZIN, DE
[85] 2000-09-15
[86] 1999-03-16 (PCT/DE99/00726)
[87] 1999-09-23 (WO99/47701)
[30] DE (198 11 731.0) 1998-03-18

[21] **2,324,250**
[13] A1
[51] **Int.Cl. 6B22D 11/06**
[25] EN
[54] **METHOD AND DEVICE FOR
HOMOGENIZING A MOLTEN METAL
FILM**
[54] **PROCEDE ET DISPOSITIF POUR
HOMOGENEISER UN FILM
METALLIQUE EN FUSION**
[72] KROOS, JOACHIM, DE
[72] SPITZER, KARL-HEINZ, DE
[72] URLAU, ULRICH, DE
[71] SALZGITTER AG, DE
[71] SMS DEMAG AG, DE
[85] 2000-09-15
[86] 1999-03-01 (PCT/DE99/00589)
[87] 1999-09-23 (WO99/47292)
[30] DE (198 11 434.6) 1998-03-17

[21] **2,324,251**
[13] A1
[51] **Int.Cl. 6C07K 5/06 6A61K 38/05**
[25] EN
[54] **CERTAIN HETEROARYL
SUBSTITUTED THIOL INHIBITORS OF
ENDOTHELIN-CONVERTING
ENZYME**
[54] **CERTAINS INHIBITEURS THIOL
HETEROARYLE SUBSTITUES D'UNE
ENZYME DE CONVERSION
D'ENDOTHELIN**
[72] FINK, CYNTHIA ANNE, US
[72] FIROOZNI, FARIBORZ, US
[71] NOVARTIS AG, CH
[85] 2000-09-15
[86] 1999-04-21 (PCT/EP99/02694)
[87] 1999-11-04 (WO99/55723)
[30] US (09/064,979) 1998-04-23

[21] **2,324,252**
[13] A1
[51] **Int.Cl. 6H04L 12/28 6H04Q 7/22**
[25] EN
[54] **DATA ADAPTER FOR
COMMUNICATIONS DEVICES FOR
THE TELETRANSMISSION OF USEFUL
DATA, ESPECIALLY OF PACKET AND/
OR VOICE DATA**
[54] **ADAPTATEUR DE DONNEES
POUR SYSTEMES DE
COMMUNICATION DESTINES A LA
TELETRANSMISSION DE DONNES
UTILES, NOTAMMENT DE DONNEES
DE PAQUET ET/OU DE DONNEES
VOCALES**
[72] BIEDERMANN, ROLF, DE
[72] MULLER, WILHELM, DE
[71] SIEMENS AKTIENGESELLSCHAFT,
DE
[85] 2000-09-15
[86] 1999-03-18 (PCT/DE99/00772)
[87] 1999-09-23 (WO99/48248)
[30] DE (198 11 630.6) 1998-03-18

[21] **2,324,253**
[13] A1
[51] **Int.Cl. 6G07F 13/02**
[25] EN
[54] **ALLOWING TO PROVIDE
SERVICE AND CHARGING COSTS
ASSOCIATED WITH THE SERVICE**
[54] **SYSTEME POUR FOURNIR UN
SERVICE ET FACTURER LES COUTS
LIES A CE SERVICE**
[72] BANNELL, JOHN LESLY
KINGSFORD, GB
[71] SHELL INTERNATIONALE
RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2000-09-15
[86] 1999-03-16 (PCT/EP99/01791)
[87] 1999-09-23 (WO99/48066)
[30] EP (98302064.5) 1998-03-19

[21] **2,324,264**
[13] A1
[51] **Int.Cl. 6C09D 9/04**
[25] EN
[54] **AQUEOUS COMPOSITION FOR
REMOVING COATINGS**
[54] **COMPOSITION AQUEUSE
D'ELIMINATION DE COUCHES**
[72] REYNOLDS, PAUL, GB
[72] CHIVERS, IVOR, GB
[71] ECO SOLUTIONS LIMITED, GB
[85] 2000-09-14
[86] 1999-03-19 (PCT/GB99/00882)
[87] 1999-09-23 (WO99/47614)
[30] GB (9805930.6) 1998-03-19
[30] GB (9817377.6) 1998-08-10

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[21] **2,324,265**
[13] A1

[51] **Int.Cl. 6A61F 2/02 6B01J 13/02 6B32B 5/16 6A61K 9/50**
[25] EN
[54] **LIQUID POLYMERIC COMPOSITIONS FOR CONTROLLED RELEASE OF BIOACTIVE SUBSTANCES**
[54] **COMPOSITIONS POLYMERES LIQUIDES POUR LA LIBERATION CONTROLEE DE SUBSTANCES BIOACTIVES**
[72] CHERN, REY T., US
[72] ZINGERMAN, JOEL R., US
[71] MERCK & CO., INC., US
[85] 2000-09-15
[86] 1999-03-18 (PCT/US99/05938)
[87] 1999-09-23 (WO99/47073)
[30] US (60/079,574) 1998-03-19
[30] GB (9815801.7) 1998-07-21

[21] **2,324,266**
[13] A1

[51] **Int.Cl. 6C07D 471/04 6A61K 31/435**
[25] EN
[54] **PYRAZOLO-PYRIDINE DERIVATIVES AS LIGANDS FOR GABA RECEPTORS**
[54] **DERIVES DE PYRAZOLO-PYRIDINE SERVANT DE LIGANDS POUR DES RECEPTEURS GABA**
[72] CASTRO PINEIRO, JOSE LUIS, GB
[72] STREET, LESLIE JOSEPH, GB
[72] LEWIS, RICHARD THOMAS, GB
[72] RUSSELL, MICHAEL GEOFFREY NEIL, GB
[72] BLACKABY, WESLEY PETER, GB
[71] MERCK SHARP & DOHME LIMITED, GB
[85] 2000-09-15
[86] 1999-03-16 (PCT/GB99/00803)
[87] 1999-09-30 (WO99/48892)
[30] GB (9806102.1) 1998-03-20

[21] **2,324,267**
[13] A1

[51] **Int.Cl. 6C03C 17/38 6G02B 5/08**
[25] EN
[54] **POLYMER-INORGANIC MULTILAYER DIELECTRIC FILM**
[54] **FILM DIELECTRIQUE MULTICOUCHES POLYMERES-INORGANIQUES**
[72] FINK, YOEL, US
[72] CHEN, CHIPING, US
[72] FAN, SHANHUI, US
[72] WINN, JOSHUA, US
[72] THOMAS, EDWIN L., US
[72] JOANNOPOULOS, JOHN D., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2000-09-15
[86] 1999-03-12 (PCT/US99/05491)
[87] 1999-09-23 (WO99/47465)
[30] US (60/078,138) 1998-03-16

[21] **2,324,268**
[13] A1

[51] **Int.Cl. 6C07D 401/06 6C07D 417/06 6A61K 31/445 6A61K 31/505**
[25] EN
[54] **HETEROAROMATIC DERIVATIVES**
[54] **DERIVES HETEROAROMATIQUES**
[72] GOTOH, MAKOTO, JP
[72] YOSHIDA, MASANORI, JP
[72] CHAKI, SHIGEYUKI, JP
[72] TOMISAWA, KAZUYUKI, JP
[72] NAGAMINE, MASASHI, JP
[72] KUMAGAI, TOSHIHITO, JP
[72] NAKAZATO, ATSURO, JP
[71] TAISHO PHARMACEUTICAL CO., LTD., JP
[71] NIHON NOHYAKU CO., LTD., JP
[85] 2000-09-15
[86] 1998-03-18 (PCT/JP98/01163)
[87] 1999-09-23 (WO99/47513)

[21] **2,324,269**
[13] A1

[51] **Int.Cl. 6G01R 33/28**
[25] EN
[54] **MR METHODS FOR IMAGING PULMONARY AND CARDIAC VASCULATURE AND EVALUATING BLOOD FLOW USING DISSOLVED POLARIZED 129XE**
[54] **PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE DU SYSTEME CARDIOVASCULAIRE PULMONAIRE ET CARDIAQUE ET D'EVALUATION DU DEBIT SANGUIN AU MOYEN DE 129XE POLARISE DISSOUS**
[72] DRIEHUYS, BASTIAAN, US
[72] HASSON, KENTON CHRISTOPHER, US
[72] BOGORAD, PAUL LEV, US
[71] MAGNETIC IMAGING TECHNOLOGIES, INC., US
[85] 2000-09-15
[86] 1999-03-17 (PCT/US99/05788)
[87] 1999-09-23 (WO99/47940)
[30] US (60/078,384) 1998-03-18

[21] **2,324,270**
[13] A1

[51] **Int.Cl. 6C07D 471/04 6C07D 221/04 6A61K 31/435**
[25] EN
[54] **HYPNOTIC .BETA.-CARBOLINE DERIVATIVES, PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICINAL PRODUCTS**
[54] **DERIVES DE .BETA.-CARBOLINE HYPNOTIQUE, PROCEDE POUR LEUR PREPARATION ET LEUR UTILISATION EN TANT QUE PRODUITS MEDICAU**
[72] KARAM, OMAR, FR
[72] FORTILLAN, JEAN-BERNARD, FR
[72] VIOLEAU, BRUNO, FR
[72] JACQUESY, JEAN-CLAUDE, FR
[72] FORTILLAN, MARIANNE, FR
[72] JOUANNETAUD, MARIE-PAULE, FR
[71] LABORATOIRES BESINS ISCOVESCO, FR
[71] MACEF, FR
[85] 2000-09-15
[86] 1999-03-17 (PCT/IB99/00494)
[87] 1999-09-23 (WO99/47521)
[30] US (09/042,990) 1998-03-17

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[21] **2,324,271**
[13] A1

[51] **Int.Cl. 6A61N 5/06**
[25] EN
[54] **LIGHT INSTRUMENT, IN PARTICULAR FOR USE IN OPHTHALMOLOGIC MICROSURGERY**
[54] **INSTRUMENT D'ECLAIRAGE DESTINE NOTAMMENT A ETRE UTILISE DANS LA MICROCHIRURGIE OPHTHALMOLOGIQUE**
[72] OVERAKER, RON, US
[72] EATON, ALEXANDER M., US
[72] HICKINGBOTHAM, DYSON, US
[72] MACHEMER, ROBERT, US
[71] DUKE UNIVERSITY, US
[85] 2000-09-15
[86] 1999-03-22 (PCT/US99/06191)
[87] 1999-09-30 (WO99/48557)
[30] US (09/046,162) 1998-03-23

[21] **2,324,272**
[13] A1

[51] **Int.Cl. 6A01N 47/12 6A01N 43/50**
[25] EN
[54] **ANTIMICROBIAL SOLUTIONS**
[54] **SOLUTIONS ANTIMICROBIENNES**
[72] ABBEDUTO, DENNIS, US
[72] OTTERSON, RICHARD J., US
[72] SCHOENBERG, THOMAS G., US
[71] MCINTYRE GROUP, LTD., US
[85] 2000-09-15
[86] 1999-03-16 (PCT/US99/05579)
[87] 1999-10-07 (WO99/49730)
[30] US (09/050,787) 1998-03-30

[21] **2,324,273**
[13] A1

[51] **Int.Cl. 6H01Q 3/26 6H01Q 21/00**
[25] EN
[54] **PHASED ARRAY ANTENNA CALIBRATION SYSTEM AND METHOD USING ARRAY CLUSTERS**
[54] **PROCEDE ET SYSTEME D'ETALONNAGE D'ANTENNE RESEAU A COMMANDE DE PHASE UTILISANT DES GRAPPES DE RESEAUX**
[72] BEDIGIAN, OSCAR J., US
[72] SIKINA, THOMAS V., US
[72] SCHUSS, JACK J., US
[71] RAYTHEON COMPANY, US
[85] 2000-09-15
[86] 1999-03-12 (PCT/US99/05502)
[87] 1999-10-28 (WO99/54960)
[30] US (09/042,473) 1998-03-16

[21] **2,324,274**
[13] A1

[51] **Int.Cl. 6G08B 5/00 6G08B 17/00 6G08B 29/00**
[25] EN
[54] **SENSOR DEVICE PROVIDING INDICATION OF DEVICE HEALTH**
[54] **DISPOSITIF DE DETECTION AVEC CAPACITE D'AUTO-DIAGNOSTIC**
[72] ZESKIND, DALE A., US
[72] LONIGRO, DENNIS A., US
[72] SMITH, DONALD D., US
[71] UNITED ELECTRIC CONTROLS COMPANY, US
[85] 2000-09-15
[86] 1999-04-15 (PCT/US99/08219)
[87] 1999-11-11 (WO99/57693)
[30] US (60/083,946) 1998-05-01

[21] **2,324,275**
[13] A1

[51] **Int.Cl. 6B61F 1/00**
[25] EN
[54] **LIGHTWEIGHT DRAFT ARM**
[54] **BRAS D'ATELAGE LEGER**
[72] DOWNES, JOHN R., US
[72] STECKER, TODD W., US
[71] BUCKEYE STEEL CASTINGS COMPANY, US
[85] 2000-09-15
[86] 1999-03-16 (PCT/US99/05794)
[87] 1999-09-23 (WO99/47403)
[30] US (09/040,689) 1998-03-18

[21] **2,324,277**
[13] A1

[51] **Int.Cl. 6C08J 9/00 6C08L 25/00 6C08L 23/02**
[25] EN
[54] **OPEN-CELL FOAM AND METHOD OF MAKING**
[54] **MOUSSE A ALVEOLES OUVERTES ET SON PROCEDE DE PRODUCTION**
[72] CHAUDHARY, BHARAT I., US
[72] PARK, CHUNG P., US
[72] IMEOKPARIA, DANIEL D., US
[71] THE DOW CHEMICAL COMPANY, US
[85] 2000-09-15
[86] 1999-03-15 (PCT/US99/05706)
[87] 1999-09-23 (WO99/47592)
[30] US (60/078,091) 1998-03-16

[21] **2,324,279**
[13] A1

[51] **Int.Cl. 6C08G 63/60**
[25] EN
[54] **BIODEGRADABLE POLYMERS BASED ON NATURAL AND RENEWABLE RAW MATERIALS, ESPECIALLY ISOSORBITE**
[54] **POLYMERES BIODEGRADABLES A BASE DE MATIERES BRUTES NATURELLES ET RENOUVELABLES, NOTAMMENT D'ISOSORBITOL**
[72] SCHONFELD, AXEL, DE
[72] BENGES, HOLGER, DE
[72] CLAUSS, JOACHIM, DE
[72] BOHN, GITTE, DE
[72] WEIS, SIEGFRIED, DE
[71] AXIVA GMBH, DE
[85] 2000-11-02
[86] 1999-02-20 (PCT/EP99/01112)
[87] 1999-09-10 (WO99/45054)
[30] DE (19809913.4) 1998-03-07

[21] **2,324,280**
[13] A1

[51] **Int.Cl. 6D21C 5/02 6B08B 3/08**
[25] EN
[54] **METHOD AND APPARATUS FOR DEINKING PAPER**
[54] **PROCEDE ET DISPOSITIF DE DESENCRAGE DU PAPIER**
[72] ASHU, JAMES TABOT, US
[72] PICHEL, MAURICE, US
[72] BHATIA, SUSHIL, US
[71] DECOPIER TECHNOLOGIES, INC., US
[85] 2000-09-18
[86] 1999-03-19 (PCT/US99/06181)
[87] 1999-09-23 (WO99/47743)
[30] US (09/044,334) 1998-03-19

Demandes PCT entrant en phase nationale

[21] **2,324,281**
[13] A1
[51] **Int.Cl. 6G05D 23/19 6B01L 7/00 6G05B 13/02 6C12Q 1/68**
[25] EN
[54] **MULTI-SITE REACTOR SYSTEM WITH DYNAMIC, INDEPENDENT CONTROL OF INDIVIDUAL REACTION SITES**
[54] **SYSTEME DE REACTEUR MULTI-SITE A COMMANDE DYNAMIQUE INDEPENDANTE DE SITES DE REACTION INDIVIDUELS**
[72] NORTHROP, M. ALLEN, US
[72] OTHMER, KONSTANTIN, US
[72] PETERSEN, KURT E., US
[72] KOVACS, GREGORY T. A., US
[72] YOUNG, STEVEN J., US
[72] MCMILLAN, WILLIAM A., US
[72] CHRISTEL, LEE ALLAN, US
[71] CEPHEID, US
[85] 2000-09-18
[86] 1999-03-23 (PCT/US99/06628)
[87] 1999-09-30 (WO99/48608)
[30] US (09/046,420) 1998-03-23

[21] **2,324,282**
[13] A1
[51] **Int.Cl. 6A61N 1/39 6A61N 1/368**
[25] EN
[54] **SYSTEM AND METHOD FOR TREATING ATRIAL ARRHYTHMIAS**
[54] **TRAITEMENT DE L'ARYTHMIE AURICULAIRE ET SYSTEME CORRESPONDANT**
[72] KENKNIGHT, BRUCE H., US
[72] HSU, WILLIAM, US
[71] CARDIAC PACEMAKERS, INC., US
[85] 2000-09-18
[86] 1999-03-19 (PCT/US99/06176)
[87] 1999-09-23 (WO99/47207)
[30] US (09/044,651) 1998-03-19

[21] **2,324,283**
[13] A1
[51] **Int.Cl. 6A61K 9/16 6A61K 9/24 6A61K 9/26 6A61K 9/30 6A61K 9/48 6A61K 9/52**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING A STATIN AND ASPIRIN**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UNE STATINE ET DE L'ASPIRINE**
[72] ULLAH, ISMAT, US
[72] JAIN, NEMICHAND B., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2000-09-15
[86] 1999-03-09 (PCT/US99/05111)
[87] 1999-09-23 (WO99/47123)
[30] US (09/040,794) 1998-03-18

[21] **2,324,389**
[13] A1
[51] **Int.Cl. 6H04N 5/76**
[25] EN
[54] **NONLINEAR VIDEO EDITOR**
[54] **LOGICIEL DE MONTAGE VIDEO NON LINEAIRE**
[72] HOUSKEEPER, MARSHALL RICHARD, US
[71] MEDIA 100 INC., US
[85] 2000-09-18
[86] 1999-03-15 (PCT/US99/05659)
[87] 1999-09-23 (WO99/48288)
[30] US (09/044,461) 1998-03-19

[21] **2,324,392**
[13] A1
[51] **Int.Cl. 6G02F 1/39**
[25] EN
[54] **IN LINE PERIODICALLY POLED LINBO3 (PPLN), OPTICAL PARAMETRIC OSCILLATOR (OPO-DFG-OPO) WITH COMMON DOUBLY RESONANT CAVITY**
[54] **OSCILLATEUR PARAMETRIQUE OPTIQUE EN LIGNE LINBO3 A POLARISATION PERIODIQUE (PPLN) (OPO-DFG-OPO), DOTE D'UNE CAVITE DOUBLEMENT RESONANTE COMMUNE**
[72] MUI, PETER H., US
[72] VAIDYANATHAN, MOHAN, US
[72] PEKNY, WILLIAM, US
[72] MEYER, RONALD K., JR., US
[72] GRIFFITH, GERALD P., US
[71] NORTHROP GRUMMAN CORPORATION, US
[85] 2000-09-18
[86] 1999-07-09 (PCT/US99/15448)
[87] 2000-03-23 (WO00/16155)
[30] US (09/151,464) 1998-09-11

[21] **2,324,394**
[13] A1
[51] **Int.Cl. 6H04R 25/00**
[25] EN
[54] **SHORTING RINGS IN DUAL-COIL DUAL-GAP LOUDSPEAKER DRIVERS**
[54] **ANNEAUX DE MISE EN COURT-CIRCUIT POUR CIRCUITS D'ATTAQUE DE HAUT-PARLEURS A DEUX BOBINES ET A DEUX ENTREFERS**
[72] HYDE, RALPH E., US
[72] BUTTON, DOUGLAS J., US
[72] SALVATTI, ALEX V., US
[71] JBL INCORPORATED, US
[85] 2000-09-18
[86] 1999-03-19 (PCT/US99/06084)
[87] 1999-09-23 (WO99/48329)
[30] US (60/078,623) 1998-03-19

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,324,396 [13] A1</p> <p>[51] Int.Cl. 6H04L 29/06 [25] EN [54] CLIENT-SERVER SYSTEM FOR MAINTAINING APPLICATION PREFERENCES IN A HIERARCHICAL DATA STRUCTURE [54] SYSTEME CLIENT-SERVEUR ASSURANT LE MAINTIEN DES PREFERENCES D'APPLICATION DANS UNE STRUCTURE DE DONNEES HIERARCHIQUE [72] HAYES, KENT FILLMORE JR., US [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US [85] 2000-09-18 [86] 1998-12-21 (PCT/GB98/03865) [87] 1999-11-11 (WO99/57862) [30] US (09/073,162) 1998-05-05</p>	<p style="text-align: right;">[21] 2,324,399 [13] A1</p> <p>[51] Int.Cl. 6A23L 1/212 6A61K 7/00 6A23L 1/29 6A61K 35/78 [25] EN [54] FOODS, MEDICAL TREATMENTS AND METHOD RELATING TO EFFECTS OF PROMOTING THE GROWTH OF LACTOBACILLUS BIFIDUS, PREVENTING ALLERGY AND LOWERING HUMAN CHOLESTEROL LEVEL [54] ALIMENTS, TRAITEMENTS MEDICAUX ET METHODES VISANT A FAVORISER LA CROISSANCE DE LACTOBACILLUS BIFIDUS, A PREVENIR LES ALLERGIES ET A REDUIRE LE TAUX DE CHOLESTEROL CHEZ L'HOMME [72] FUJITA, AKIHITO, JP [72] TAKEUCHI, AKIRA, JP [72] KOTANI, MAYUMI, JP [72] TABEL, TOSHIO, JP [72] IKEDA, AKO, JP [72] SUIDO, HIROHISA, JP [71] SUNSTAR INC., JP [85] 2000-09-18 [86] 1999-03-18 (PCT/JP99/01354) [87] 1999-09-23 (WO99/47006) [30] JP (10/70510) 1998-03-19 [30] JP (10/70664) 1998-03-19 [30] JP (10/346001) 1998-12-04</p>	<p style="text-align: right;">[21] 2,324,404 [13] A1</p> <p>[51] Int.Cl. 6F02B 77/00 [25] EN [54] VARIABLE DISPLACEMENT DIESEL ENGINE [54] MOTEUR DIESEL A CYLINDREE VARIABLE [72] CUMMINGS, HENRY, W., US [72] CUMMINGS, HENRY W., US [71] CUMMINGS, HENRY W., US [85] 2000-09-18 [86] 1998-03-26 (PCT/US98/05832) [87] 1999-09-30 (WO99/49193)</p>
<p style="text-align: right;">[21] 2,324,397 [13] A1</p> <p>[51] Int.Cl. 6C11D 3/395 6C11D 17/06 [25] EN [54] DETERGENT COMPOSITION CONTAINING CYLINDRICALLY-SHAPED BLEACH ACTIVATOR EXTRUDATES HAVING ENHANCED FLOWABILITY [54] COMPOSITION DE DETERGENT CONTENANT UN ACTIVATEUR DE BLANCHIMENT SOUS FORME D'EXTRUDATS CYLINDRIQUES AYANT UNE COULABILITE AMELIOREE [72] ANGELL, ADRIAN JOHN WAYNFORTH, US [72] ROYSTON, JAMES BERT, US [72] GABRIEL, STEVEN MATTHEW, US [72] BROWN, DONALD RAY, US [72] PAULEY, JOSEPH ADAM III, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-09-18 [86] 1999-03-15 (PCT/IB99/00423) [87] 1999-09-23 (WO99/47633) [30] US (09/044,704) 1998-03-19</p>	<p style="text-align: right;">[21] 2,324,403 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/50 7A61K 38/00 7A61K 39/00 [25] EN [54] LIPOPHILIC MICROPARTICLES CONTAINING A PROTEIN DRUG OR ANTIGEN AND FORMULATION COMPRISING SAME [54] MICROPARTICLES LIPOPHILES CONTENANT UN MEDICAMENT OU UN ANTIGENE PROTEIQUE ET PREPARATION LES CONTENANT [72] KIM, MYUNG JIN, KR [72] KIM, SUN JIN, KR [72] KIM, JOON, KR [72] KWON, KYU CHAN, KR [71] LG CHEMICAL LIMITED, KR [85] 2000-09-18 [86] 2000-01-14 (PCT/KR00/00025) [87] 2000-07-20 (WO00/41682) [30] KR (1999/1232) 1999-01-18 [30] KR (1999/59776) 1999-12-21</p>	<p style="text-align: right;">[21] 2,324,405 [13] A1</p> <p>[51] Int.Cl. 6C01B 31/02 [25] EN [54] METHOD FOR CONSTRUCTION OF NANOTUBE MATRIX MATERIAL [54] PROCEDE DE CONSTRUCTION DE MATERIAUX MATRICIELS A NANOTUBES [72] SILVERBROOK, KIA, AU [71] SILVERBROOK, KIA, AU [85] 2000-09-18 [86] 1999-03-24 (PCT/AU99/00204) [87] 1999-09-30 (WO99/48810) [30] AU (PP 2563) 1998-03-24 [30] AU (PP 2564) 1998-03-24</p>
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[54] **BIBLIOTHEQUES ANTISENS DIRIGES**
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[72] CHEN, ZHIDONG, US
[72] RUFFNER, DUANE E., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
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[25] EN
[54] **PRODUCTION METHODS AND USES OF A RETROVIRUS**
[54] **MATERIAUX EN RAPPORT AVEC UN NOUVEAU RETROVIRUS ET METHODES AFFERENTES**
[72] WEISS, ROBERT ANTHONY, GB
[72] GRIFFITHS, DAVID JOHN, GB
[72] VENABLES, PATRICK JOHN, GB
[72] BOYD, MARK THOMAS, US
[71] CANCER RESEARCH VENTURES LIMITED, GB
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[54] **POLYNUCLEOTIDE SEQUENCES AND THEIR USE IN A METHOD OF PRODUCING PLANTS WITH AN INCREASED NUMBER OF STOMATA**
[54] **SEQUENCES DE POLYNUCLEOTIDES ET LEUR UTILISATION DANS UNE METHODE DE PRODUCTION DE PLANTES A NOMBRE ACCRU DE STOMATES**
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[72] SIJMONS, PETER CHRISTIAAN, NL
[72] HETHERINGTON, ALISTAIR MACULLOCH, GB
[72] HOLROYD, GEOFFREY HEYS, GB
[72] VAN DER LEE, FREDERIQUE MARIANNE, NL
[71] ZENECA LIMITED, GB
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[54] **EXPRESSION SYSTEM FOR PRODUCING PROTEINS**
[54] **SYSTEME D'EXPRESSION POUR LA PRODUCTION DE PROTEINES**
[72] PFALLER, RUPERT, DE
[72] VAN GORCOM, ROBERTUS, NL
[72] VANDEN HONDEL, CORNELIS, NL
[72] HESSING, JOHANNA, NL
[71] CONSORTIUM FUR ELEKTROCHEMISCHE INDUSTRIE GMBH, DE
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[54] **P53-REGULATED GENES**
[54] **GENES A REGULATION P53**
[72] TOM, EDWARD YAT WAH, US
[72] GISH, KURT C., US
[72] MURPHY, MAUREEN E., US
[72] MACK, DAVID H., US
[72] LEVINE, ARNOLD J., US
[71] AFFYMETRIX, INC., US
[71] PRINCETON UNIVERSITY, US
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[54] **BLK GENES, GENE PRODUCTS AND USES THEREOF IN APOPTOSIS**
[54] **GENES BLK ET LEURS UTILISATIONS DANS L'APOPTOSE**
[72] ALNEMRI, EMAD S., US
[71] THOMAS JEFFERSON UNIVERSITY, US
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[54] **CORDLESS CELLULAR SYSTEM
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[54] **SYSTEME CELLULAIRE SANS FIL**
[72] BAMBURAK, MICHAEL D., US
[72] JARETT, KEITH, US
[72] LAWRENCE, CHRISTOPHER G., US
[72] GLASS, DAVID R., US
[72] LEE, TONY S., US
[72] LEUCA, ILEANA A., US
[72] MARX, JOSEPH P., US
[72] WILLIAMS, ROLAND E., US
[72] WINSHIP, PETER L., US
[72] O'NEILL, PAUL B., US
[72] NELSON, RODERICK, US
[72] RAFFEL, MICHAEL A., US
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[71] AT&T WIRELESS SERVICES, INC.,
US
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[25] EN
[54] **USE OF BACTERICIDAL/
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[72] SCOTT, RANDAL W., US
[72] MARRA, MARIAN N., US
[71] INVITRON CORPORATION, US
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[54] **ANALOGUES DE NUCLEOSIDES L
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[72] AVERETT, DEVRON, US
[72] TAM, ROBERT, US
[72] WANG, GUANGYI, US
[71] ICN PHARMACEUTICALS, INC, US
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[13] A1
[51] **Int.Cl. 7A61K 31/7056 7A61K 9/20
7A61K 9/48**
[25] EN
[54] **ORALLY ADMINISTRABLE SOLID
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[54] **FORME POSOLOGIQUE SOLIDE
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[72] STUPAK, ELIOTT I., US
[72] LIEBOWITZ, STEPHEN M., US
[72] VADINO, WINSTON A., US
[72] CHAUDRY, IMTIAZ A., US
[72] BOWEN, FRANK E., US
[71] SCHERING CORPORATION, US
[22] 1998-12-21
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[62] 2,300,452
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[13] A1
[51] **Int.Cl. 7H04M 1/723 7H04M 9/06**
[25] EN
[54] **DIGITAL BUTTON TELEPHONE
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[54] **SYSTEME TELEPHONIQUE A
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[72] MASAKI, NOBUHIRO, JP
[72] TSURUSAKI, MASAYUKI, JP
[72] WATANABE, TAKASHI, JP
[72] SUWA, TERUNORI, JP
[72] NAGANO, YOSHIHITO, JP
[72] TANAKA, TOSHIKI, JP
[72] KIMURA, SETSUO, JP
[72] MANO, HIROSHI, JP
[72] KOMURO, ISAKU, JP
[72] KAWAUCHI, YOSHIHIRO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
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PILLA, Arthur A.	2,197,767	Sato, Yutaka	2,186,796	Spacesaver Corporation	2,017,850
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Pirrung, Walter	2,147,319	Scharen, Michael James	2,187,788	Speed, David	2,188,839
Pizao, Márcio Régis	2,134,398	Schedel, Michael	2,025,070	SPERIKA ENTERPRISES LTD.	2,192,875
PODHEISER, ALISSA F.	2,205,492	Schell, Philip L.	2,184,509	Spring, Bonnie	2,001,572
Pollard, Mark A.	2,139,913	Schenke, Thomas	1,341,161	Sridhar, Manickam Ramachari	2,187,645
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Réthey, Ivan	2,027,596	Schutz, Alain A.	2,148,348	Sukkar, Rafid Antoon	2,173,302
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		Semeria, Didier	2,187,941		
		Senetics, Inc.	2,100,771		
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		Weyrauch, Richard P.	2,174,090		
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ADAMS, LAURA ELLEN	2,311,144	BAUGH, JOHN L.	2,311,464	BULMER, JAMES H.	2,311,473
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ALCATEL	2,309,801	BEAN, RICHARD	2,303,548	CARON, Serge	2,274,770
ALCATEL	2,310,997	BEAN, RICHARD	2,306,984	CARON, SERGE	2,311,504
ALCATEL	2,311,023	BECHERUCCI, RAFFAELE	2,311,558	CARRIER, GERMAIN	2,311,605
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ALLEN, Dann M.	2,274,442	BENOIT, THOMAS A.	2,308,678	CASTRO, MAURICIO	2,311,438
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DOLE, THOMAS	2,310,393	GAZ DE FRANCE (G.D.F)		HENKEL	
DOLLE, THOMAS	2,310,424	SERVICE NATIONAL	2,311,275	KOMMANDITGESELLSC	
DOOLAN, Gordon T.	2,274,279	GEHRET, ROBERT S.	2,309,221	HAFT AUF AKTIEN	2,311,482
DOVO STAHL WAREN		GELOTTE, CATHY KLECH	2,311,039	HENKEL	
BRACHT GMBH & CO.		GENESIS RESEARCH		KOMMANDITGESELLSC	
KG	2,311,074	INSTITUTE, INC.	2,311,070	HAFT AUF AKTIEN	2,311,485
DOWSER, MICHAEL T.	2,274,205	GEOFFRION, GERRY	2,275,171	HENKEL	
DOWSER, MICHAEL T.	2,310,242	GERBERICH, H. ROBERT	2,310,707	KOMMANDITGESELLSC	
DRANE, MARK	2,311,565	GERN, JAMES E.	2,293,162	HAFT AUF AKTIEN	2,311,820
DREVER, KENNETH WAYNE	2,275,811	GESTERMANN, FRITZ	2,311,042	HENLY, NICHOLAS	
DROUVIN, ROBERT	2,311,275	GILLIGAN, PATRICK	2,274,439	CHARLES	2,311,141
DULONG, MICHEL B.	2,275,748	GIRAUD, DANIEL	2,311,275	HERRICK, KENT B.	2,311,099

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HERRMANN, RAINER	2,308,809	KABUSHIKI KAISHA TOKYO		LANDRY, ANDRE	2,299,682
HERTRICH, HEIKO	2,308,809	KIKAI SEISAKUSHO	2,284,040	LAUTALA, MATTI	2,311,443
HESHER, ERIC	2,307,389	KACZMAREK, PETER P.	2,311,728	LAUZON, PIERRE MAURICE	2,311,155
HILLIARD, PAUL	2,311,254	KAES, CHRISTIAN	2,309,287	LAVIGNE, Charles	2,274,414
HILLS, JOANNA F.	2,311,039	KAMINSKI, LEONARD		LECHAT, YVES	2,311,271
HIROSAWA, EIJI	2,311,004	ANTHONY	2,311,254	LEDUC, KEVIN	2,310,933
HO, WINGA	2,309,014	KANEKO, TAICHI	2,311,004	LEDUC, PHILIP	2,275,120
HOFMANN, DOUGLAS J.	2,275,152	KARKAR, MAURICE N.	2,311,048	LEE, CHIN-HUI	2,311,145
HOLDERBAUM, THOMAS	2,311,482	KARPF, MARTIN	2,310,714	LEE, HAN-SEN	2,311,090
HOLDERBAUM, THOMAS	2,311,820	KATAYAMA SPECIAL		LEISTNER, Herbert E.	2,273,819
HONDO, FUSAHIDE	2,295,256	INDUSTRIES, LTD.	2,311,441	LEME, DAVID	2,311,275
HSM HOLOGRAPHIC		KATSUMI, MITSUGU	2,310,403	LEMOIS, EMMANUEL	2,310,997
SYSTEMS MUNCHEN		KAUPERT, Kevin A.	2,274,312	LENGAUER, PHILIP E.	2,303,626
GMBH	2,310,768	KAWAHARA, HIDEKI	2,311,189	LENGLIN, GUILLAUME	2,311,858
HU, TAO	2,311,595	KAWASAKI STEEL		LENZ, GADI	2,310,972
HUARD, THIERRY	2,311,276	CORPORATION	2,311,196	LEVEY, KENNETH	2,308,678
HUBER, JOSEPH KARL HANS	2,311,616	KEEFER, Bowie G.	2,274,301	LEWIS, JAMES R.	2,307,300
HUGHES ELECTRONICS		KEEFER, Bowie G.	2,274,312	LEWIS, MICHAEL D.	2,275,015
CORPORATION	2,310,965	KEEFER, Bowie G.	2,274,318	LEWMAR LIMITED	2,311,141
HULTGREEN, GORDON	2,275,120	KEEFER, Bowie G.	2,274,388	LI, QUINN	2,310,428
HUNTER FAN COMPANY	2,307,528	KEEFER, Bowie G.	2,274,390	LIFESCAN, INC.	2,311,431
HUNTER FAN COMPANY	2,307,533	KELLER, ARTHUR	2,307,300	LINDSAY, JOHN S.	2,310,201
HURLEY, WILLIAM C.	2,309,016	KENNEDY, MARTHA JEAN	2,275,083	LINK, RICHARD DAVID, III	2,310,419
HUTCHINSON, WILBUR	2,282,030	KERMANI, MAHYAR Z.	2,311,431	LINSKY, STUART T.	2,307,995
HYDRO-QUEBEC	2,274,402	KETTUNEN, AUVO K.	2,311,443	LIVINGSTON, SCOTT M.	2,309,221
IBANEZ, PILAR	2,311,485	KIMSEY, THOMAS H.	2,311,146	L'OREAL	2,312,205
ICHIRYU, TAKU	2,308,847	KINGSTON TECHNOLOGY		LOVELADY, JEFFREY	2,309,487
IDGATE CO., LTD.	2,293,880	CORPORATION	2,310,886	LUCENT TECHNOLOGIES	
IJIMA, TAKASHI	2,284,040	KOBAYASHI, MASAKI	2,311,063	INC.	2,310,368
IIZUKA, YASUNOBU	2,311,196	KOBAYASHI, YOSHIO	2,284,040	LUCENT TECHNOLOGIES	
ILLINOIS TOOL WORKS INC.	2,308,678	KOCH, MICHEL	2,312,409	INC.	2,310,428
IMANAKA, YOSHIYUKI	2,311,017	KOIZUMI, HIROMICHI	2,307,975	LUCENT TECHNOLOGIES	
INABA, MINORU	2,275,273	KOLLER, FRANZ	2,275,103	INC.	2,310,439
inconnu	2,275,730	KON, MASATAKA	2,299,211	LUCENT TECHNOLOGIES	
INNOVA PATENT GMBH	2,310,757	KON, MICHIIHIRO	2,299,211	INC.	2,310,442
INSTITUT FRANCAIS DU		KONAMI CO., LTD.	2,311,087	LUCENT TECHNOLOGIES	
PETROLE	2,311,274	KONAMI CO., LTD.	2,311,089	INC.	2,310,443
INSTITUT FRANCAIS DU		KONAMI CO., LTD.	2,311,167	LUCENT TECHNOLOGIES	
PETROLE	2,311,276	KONAMI, CO., LTD.	2,311,094	INC.	2,310,486
INTERNATIONAL BUSINESS		KONSCHAK, TINO	2,310,393	LUCENT TECHNOLOGIES	
MACHINES		KONSCHAK, TINO	2,310,424	INC.	2,310,545
CORPORATION	2,307,300	KOOCHIN, CAREY	2,275,661	LUCENT TECHNOLOGIES	
INTERNATIONAL BUSINESS		KOSCIK, RICHARD A.	2,308,678	INC.	2,310,882
MACHINES		KOSTERMAN, Gerald M.A.	2,274,722	LUCENT TECHNOLOGIES	
CORPORATION	2,309,459	KRAMP, ROLF	2,308,809	INC.	2,310,897
INVENTIO AG	2,311,207	KRISS, MITCHEL	2,295,419	LUCENT TECHNOLOGIES	
IPEX INC.	2,310,968	KRUPEZEVIC, DRAGAN	2,310,424	INC.	2,310,907
ISHINAGA, HIROYUKI	2,311,017	KULKARNI, SHEKHAR V.	2,310,984	LUCENT TECHNOLOGIES	
ITO, EISAKU	2,300,038	KULKARNI, SHEKHAR V.	2,310,985	INC.	2,310,949
ITW GEMA AG	2,311,210	KUMAR, SARATH	2,310,428	LUCENT TECHNOLOGIES	
IYER, PRAKASH	2,310,439	KUMAR, SARATH	2,310,486	INC.	2,310,952
JACQUES, Hélène	2,274,414	KUMAR, SARATH	2,311,270	LUCENT TECHNOLOGIES	
JAHN, REINHARD	2,311,045	KUMASAKA, YOSHINORI	2,311,469	INC.	2,310,972
JANKE, HANS	2,311,482	KUNG, HSIANG T.	2,299,041	LUCENT TECHNOLOGIES	
JDS UNIPHASE INC.	2,311,110	KUNISHIGE, WAYNE M.	2,311,348	INC.	2,311,144
JESCHKE, RAINER	2,311,176	KUO, HONG-KWANG JEFF	2,311,145	LUCENT TECHNOLOGIES	
JEZIOROWSKI, Les	2,274,312	KURARAY CO., LTD.	2,310,925	INC.	2,311,145
JIMENEZ, LIDIA	2,311,485	KUWABARA, MASAMITSU	2,300,038	LUCENT TECHNOLOGIES	
JOHNS, GREGORY L.	2,311,794	LAAS, HANS-JOSEF	2,311,045	INC.	2,311,270
JONES, MORRIS C., III	2,311,162	LAFLAMME, JO-PHILIPPE K.	2,275,012	LUEHRS, Renate	2,272,788
JOO, SANG-WAN	2,310,813	LAFRENZ, MICHAEL D.	2,306,296	MACAULAY, ROBERT P.	2,274,205
JORE, MATTHEW B.	2,311,836	LAJOIE, GILLES M.	2,275,749	MACAULAY, ROBERT P.	2,310,242
JOUNG, JINOO	2,310,909	LAM, YUK-MING PETER	2,310,439	MADON, JAMES JOHN	2,310,897
JUGE, LAURENT	2,305,095	LAM, YUK-MING PETER	2,310,442	MAGNO, JOSE MARIA D., JR.	2,307,528
JUNG, THOMAS	2,308,809	LAMING, Jeffrey Allen	2,274,465	MAHE, JEAN-LUC	2,311,275
JUST, PERRY	2,280,073	LANDRY, André	2,274,724	MANN, Ken	2,274,191

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MANN, KEN	2,275,110	NAGY, Eva	2,272,793	PERROUX, FRANCOIS	2,305,068
MANNINGTON MILLS, INC.	2,309,487	NAKAI, SEIYA	2,310,403	PETERS, OWEN GEORGE	2,275,102
MARETTE, André	2,274,414	NANDA, SANJIV	2,310,486	PFEIFFER, BRUNO	2,312,409
MARSHALL, MIKE E.	2,311,417	NANDA, SANJIV	2,311,270	PIERRE, ALAIN	2,312,409
MARTINEZ, Joseph E.	2,274,207	NASTRUZZI, Claudio	2,274,419	PINALS, Jeffrey	2,274,190
MATERNE, THIERRY		NATIONAL OILWELL (UK)		PINTER, HANS-DIETER	2,311,042
FLORENT EDME	2,309,287	LIMITED	2,311,254	PLAMONDON, RÉJEAN	2,275,733
MATHEWS, EUGENE P.	2,310,952	NATIONAL RESEARCH		PLOESSL, DIETER	2,312,210
MATHIS, LOGAN H.	2,310,157	COUNCIL OF CANADA	2,311,061	POLYVALOR S.E.C.	2,275,733
MATSUDA, TAKASHI	2,311,005	NEC CORPORATION	2,311,005	PORTA, Roberto	2,274,419
MATSUMOTO, NOBUYUKI	2,311,017	NEC CORPORATION	2,311,855	POST, ERLING	2,311,263
MATSUSHITA ELECTRIC		NEGISHI, KAZUHIKO	2,310,925	POST, GERARD JAN	2,311,264
WORKS, LTD.	2,311,189	NELL, WILLIAM ROBIN	2,275,811	PRADEAU, PASCAL	2,305,830
MATSUSHITA ELECTRIC		NEMOTO, KAORU	2,310,925	PRAIRIE AGRICULTURAL	
WORKS, LTD.	2,311,597	NEPTUNE S.A.	2,311,858	MACHINERY INSTITUTE	2,275,120
MATSUSHITA ELECTRICAL		NETTERVILLE, Dennett	2,274,236	PRASAD, KAILASH	2,311,606
INDUSTRIAL CO., LTD.	2,311,063	NEUTROGENA		PRAXAIR TECHNOLOGY,	
MATUSEVICH, ALEX	2,310,368	CORPORATION	2,311,438	INC.	2,311,199
MAUCHLE, FELIX	2,311,210	NEUTROGENA		PRAXAIR TECHNOLOGY,	
MAURIN, ANDRE	2,311,259	CORPORATION	2,311,696	INC.	2,311,200
MAYTAG CORPORATION	2,306,296	NIAURA, WILLIAM S.	2,311,863	PRAXAIR TECHNOLOGY,	
MCARTHY, TROY	2,307,389	NIPPON SPREW CO., LTD.	2,295,256	INC.	2,311,202
McLEAN, Christopher	2,274,312	NITROGEN OIL RECOVERY		PRAXAIR TECHNOLOGY,	
MCNEIL-PPC, INC.	2,311,039	SYSTEMS, L.L.C.	2,310,959	INC.	2,311,718
MDS INC.	2,274,186	NITSCH, CHRISTIAN	2,311,820	PRIDAY, MELVIN M.	2,311,162
MEHTA, MARY ANNE	2,311,070	NOE, Robert J. L.	2,274,353	PROLASER LTD.	2,311,050
MEIJER, FRANK F.	2,274,205	NOLLE, JURGEN	2,311,220	PROW, ROBERT	2,311,162
MEIJER, FRANK F.	2,310,242	NORTEL NETWORKS		PULSE ENTERTAINMENT,	
MENEGATTI, Enea	2,274,419	CORPORATION	2,274,205	INC.	2,303,548
MERABET, MUSTAPHA	2,303,971	NORTEL NETWORKS		PULSE ENTERTAINMENT,	
MERHAR, CARL F., III	2,309,221	CORPORATION	2,299,041	INC.	2,306,984
MERTES, HARALD	2,311,045	NORTEL NETWORKS		PURCELL, D. GLENN	2,292,944
MEUNIER, MICHEL	2,277,607	CORPORATION	2,300,697	PURYK, CORWIN	2,275,120
MICHAUD, François	2,274,770	NORTEL NETWORKS		PUZIO, DANIEL	2,309,221
MICHAUD, FRANÇOIS	2,311,504	CORPORATION	2,310,242	QIAN, PEI SHENG	2,307,182
MICHEL, SYLVIE	2,312,409	O'BANION, MICHAEL L.	2,309,221	QUALITY STEEL FOUNDRIES	
MILLER, BERNARD J.	2,310,959	OBERSCHMIDT, GERALD	2,310,424	LTD.	2,274,236
MISTRY, KEKU M.	2,311,146	OGILVIE, Ron	2,274,448	QUESTOR INDUSTRIES INC.	2,274,301
MITEL CORPORATION	2,275,821	OHARA, TIMOTHY J.	2,311,431	QUESTOR INDUSTRIES INC.	2,274,312
MITEL CORPORATION	2,309,014	OLPE, PETER R.	2,308,827	QUESTOR INDUSTRIES INC.	2,274,318
MITEL CORPORATION	2,310,772	OLSON, WILLIAM J.	2,308,678	QUESTOR INDUSTRIES INC.	2,274,388
mitsubishi heavy		OPSETH, DEREK		QUESTOR INDUSTRIES INC.	2,274,390
INDUSTRIES, LTD.	2,300,038	CHRISTOPHER	2,275,811	REED, DANA M.	2,302,904
mitsubishi heavy		ORTEGA, KERRY A.	2,307,300	REGENT LIGHTING	
INDUSTRIES, LTD.	2,308,847	ORTHOsoft INC.	2,274,363	CORPORATION	2,307,182
mitsubishi materials		ORTHOsoft INC.	2,311,595	REINL, HUBERT	2,309,423
CORPORATION	2,297,542	OSADA, KAZUYA	2,311,005	RENARD, PIERRE	2,312,409
mitsubishi materials		OSSET, MIGUEL	2,311,485	RENZ, RICHARD L.	2,310,898
CORPORATION	2,297,712	OSSIAN, INC.	2,311,086	REYES ACOSTA, OSVALDO	2,308,036
mitsubishi materials		OSSIAN, KENNETH C.	2,311,086	RICHTER, BERND	2,311,820
CORPORATION	2,307,975	OSTERLE, MANFRED	2,310,757	RITTMAN, WILLIAM J., III	2,310,822
MIYASHITA, KAZUO	2,311,005	PACIFIC POLY-PIPE		RODRIG, BENNY	2,310,907
MIZUMOTO, KENJIROU	2,311,005	PRODUCTS LTD.	2,274,279	ROEMISCH, JUERGEN	2,311,479
MOCHIZUKI, MUGA	2,311,017	PAKDEL, PEYMAN	2,311,863	ROHM AND HAAS COMPANY	2,310,419
MOORE NORTH AMERICA,		PAQUETTE, Roger	2,274,402	ROHR, LEWIS H.	2,309,221
INC.	2,282,030	PARENT, VERONIQUE	2,311,858	RONZI, WILLIAM	2,310,967
MORI, SHIRO	2,311,189	PARGELLIS, ANDREW		ROSS OPERATING VALVE	
MORIMOTO, MAKOTO	2,311,189	NASON	2,311,145	COMPANY D/B/A/ ROSS	
MOSSER, ANNE G.	2,293,162	PARKS, JAMES R.	2,309,221	CONTROLS	2,310,157
MOUKY, ALAIN	2,305,066	PAUL, DIETER G.	2,310,886	ROSS, Paul T.	2,274,279
MURI, JOHN I.	2,311,048	PAVESI SRL	2,311,558	ROTHMANS, BENSON &	
MUTER, DOREEN	2,310,967	PEAKMAN, KEN	2,275,171	HEDGES INC.	2,311,728
NAGATA, AKIHIKO	2,311,087	PEARCE, RICHARD A.	2,307,528	ROTTWITT, KARSTEN	2,310,882
NAGATA, AKIHIKO	2,311,089	PEARCE, RICHARD A.	2,307,533	ROUSSEL, LAURENCE	2,311,271
NAGATA, AKIHIKO	2,311,094	PENDLEY, CHARLES E., II	2,311,039	ROUSSEL, LAURENCE	2,311,858
NAGATA, AKIHIKO	2,311,167	PENNY, KEITH	2,308,931	ROUSSET, ABEL	2,311,171

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RUBIN, HARVEY	2,310,486	SPITLER, BRIAN L.	2,307,182	THOMSON, Bruce	2,274,186
RUBIN, HARVEY	2,310,545	SPRAYING SYSTEMS CO.	2,308,321	THOMSON, CHARLES	2,310,860
RUBIN, HARVEY	2,311,270	STEINHAUSER, NORBERT J.	2,311,086	TILLEQUIN, FRANCOIS	2,312,409
RUPIN, ALAIN	2,312,206	STERLING PULP		TOBIAS, JONATHAN	
RUSSELL, NEIL E.	2,310,157	CHEMICALS, LTD.	2,307,818	MICHAEL	2,310,368
RUTTERMAN, DANIEL J.	2,309,016	STERN, EDITH H.	2,309,459	TOKIZANE, TOSHIAKI	2,311,597
RYAN, Andrew Edward	2,274,352	STEWART, Robert S.	2,274,184	TOMITA, YASUOKI	2,300,038
SACHS, Matthew E.	2,274,781	STOEHR, HANS-ARNOLD	2,311,479	TOTH, DELMAR	2,275,118
SAINT-GOBAIN INDUSTRIAL		STOLZ, ROBERT	2,312,210	TOYOTA JIDOSHA	
CERAMICS, INC.	2,303,713	STORK MPS B.V.	2,311,264	KABUSHIKI KAISHA	2,311,070
SAITO, ICHIRO	2,311,017	STOYKE, BETTINA	2,312,210	TRENTO, Fabio	2,274,419
SAKASEGAWA, SHINJI	2,311,597	STRATICO, GIANFRANCO	2,311,558	TRIPP, Clara F.	2,274,360
SAMSUNG ELECTRONICS		STREICHER, CHRISTIAN	2,311,274	TRIPP, Herman W.	2,274,360
CO., LTD.	2,310,813	STREICHER, CHRISTIAN	2,311,276	TRIPP, Jerry R.	2,274,360
SAMSUNG ELECTRONICS		STUMPF, WILLIAM R.	2,309,221	TRUSSARDI, RENE	2,310,714
CO., LTD.	2,310,909	STUPAR, JEFFREY M.	2,308,678	TRW INC.	2,307,995
SANTANA SUAREZ, RUBEN	2,309,423	SUBE, MAKOTO	2,311,063	TRW INC.	2,308,827
SARRAF, MOHSEN	2,310,368	SUGIKAWA, HIROFUMI	2,311,441	TSAI, SHENG-JEN	2,310,368
SATO, SHIGERU	2,310,403	SUN MICROSYSTEMS, INC.	2,310,927	TUBOLY, Tamas	2,272,793
SAVARIA, YVON	2,277,607	SUN MICROSYSTEMS, INC.	2,310,933	TUCKER, ELIZABETH L. M.	2,275,040
SAVIO SPA	2,310,314	SUNDER, MATTHIAS	2,311,820	TUCKER, K. TRAVIS B.	2,275,040
SAVIO SPA	2,310,315	SUNOCO, INC. (R&M)	2,310,419	TUCKER, KENNETH S.	2,275,040
SAYRE, DIANE ANITA	2,311,155	SUNRISE MEDICAL HHG INC.	2,311,257	UEHARA, KENICHI	2,311,196
SCHAEFFLER, KARL-HEINZ	2,311,176	SUNRISE MEDICAL HHG INC.	2,311,348	ULTEX CORPORATION	2,310,403
SCHMALSTIEG, LUTZ	2,311,045	SZENTIMERY, Mark D.	2,274,234	UNI-CHARM CORPORATION	2,311,469
SCHNITZER, ANDREAS	2,311,233	SZENTIMREY, Mark D.	2,274,234	UNIVERSAL ELECTRONICS	
SCHULTE INDUSTRIES LTD.	2,275,118	TAEMA	2,309,779	INC.	2,311,794
SCHULTE, NORBERT	2,308,809	TAILHADES, PHILIPPE	2,311,171	UNIVERSITÉ DE	
SCOTT, DANIEL G.	2,307,698	TAKANO, SHIGERU	2,311,196	SHERBROOKE	2,274,770
SEIFERT, Martin	2,274,411	TAKASHI, NISHIDA	2,297,712	UNIVERSITÉ PAUL	
SEKULA, BERNARD		TAKESHI, ONOUE	2,297,542	SABATIER (TOULOUSE	
CHARLES	2,311,217	TAKISHIMA, KAZUHIKO	2,311,005	III)	2,311,171
SEN, SANJOY K.	2,300,697	TANEYA, YOICHI	2,311,017	UNIVERSITE DE	
SHABTAY, LIOR	2,310,907	TANG, HAIPENG	2,311,061	SHERBROOKE	2,311,504
SHAH, MANOJ N.	2,311,039	TAPONAT, Marie-Claude	2,274,312	UNIVERSITE LAVAL	2,274,414
SHEREYK, DAVID A.	2,308,678	TECUMSEH PRODUCTS		UNIVERSITY OF GUELPH	2,272,793
SHERWOOD SERVICES AG	2,310,822	COMPANY	2,311,099	UNIVERSITY OF	
SHIMO, HIROYUKI	2,310,925	TELCORDIA		SASKATCHEWAN	
SHINSEIKAN CO., LTD.	2,299,211	TECHNOLOGIES, INC.	2,310,783	TECHNOLOGIES INC.	2,311,606
SHIRO, TERUAKI	2,311,004	TELCORDIA		UOP LLC	2,274,353
SHOREWOOD PACKAGING		TECHNOLOGIES, INC.	2,311,146	VA TECH VOEST MCE GMBH	2,275,103
CORPORATION LIMITED	2,274,465	TENG, HSI-HSIUNG	2,284,306	VALE FARMS LTD.	2,275,811
SIECOR OPERATIONS, LLC	2,309,016	TEODORCZYK, MARIA	2,311,431	VALLEZ, MARIE-ODILE	2,312,206
SITZ, DEBORAH A.	2,310,707	TEZUKA, HIROSHI	2,311,855	VAN DYKE, Pierre	2,274,402
SKF FRANCE	2,312,210	THE CHRISTIAN CHURCH		VAN GORKUM, CHRISTIAAN	
SLAGERMAN, MURRAY G.	2,311,257	COMMUNITY TRUST	2,280,073	JOHANNA JACOBA	2,311,689
SLAGERMAN, MURRAY G.	2,311,348	THE GOODYEAR TIRE &		VANBUSKIRK, RONALD E.	2,307,300
SLAGTERIERNES		RUBBER COMPANY	2,309,287	VARMA, VIJAY K.	2,310,783
FORSKNINGSINSTITUT	2,311,263	THE GOVERNMENT OF THE		VASILAKOS, JOHN ANDREW	2,275,028
SMOLAREK, FRANCOIS	2,312,205	UNITED STATES OF		VEGA, ENRIQUE	2,309,779
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AKTIENGESELLSCHAFT	2,311,592	REPRESENTED BY THE		VIENENKOETTER, THOMAS	2,311,176
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