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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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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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Télécopieur : (819) 953-7620 (fonctionne 24 heures sur 24)

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

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 1999, par exemple, sera représenté par 1999-01-02.

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 Code

A complete list of country codes has been published in the issue of October 24, 2000 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 on request an alphabetical listing of subject matter titles for the various classes by writing 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.

5. How to Purchase Paper Copies of Canadian Patents and Canadian Laid-Open Applications

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by visiting our web site at www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

Paper copies of all other Canadian Patents and Canadian Laid-Open Applications may be purchased at the cost of \$.50 per page by visiting www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

2. Code 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.

5. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en visitant notre site web à l'adresse suivante www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 0.50\$ par page en visitant notre site web au www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Notices

6. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of .50\$ per page from the Patent Office.

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.

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.

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.

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.

6. Conseils relatifs à la préparation de demandes de brevets

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. 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. 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.

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. 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.

10. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing.

2,296,185

2,296,187

2,296,189

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. 1,171,600 which issued on July 24, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

12. Laid-Open Applications

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

13. Language of Published Documents

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

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

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

2,296,185

2,296,187

2,296,189

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 24 juillet 1984 sont maintenant expirés, jusque et y compris le no. 1,171,600. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

12. Demandes mises à la disponibilité du public

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

13. Langue du document publié

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

Notices

14. Patent Cooperation Treaty (PCT)

SCHEDULE OF FEES APPLICABLE AS OF APRIL 1, 2001

FEES	AMOUNTS
	\$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee:	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** 1,320.00
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 Euro Dollars

7. **Preliminary Examination Fee:** 2,998.29 Deutsche Marks
(Rule 58) 1,533 Euro Dollars

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

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

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

BARÈME DE TAXES À PARTIR DU 01 AVRIL 2001

TAXES	MONTANTS
	\$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base:	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** 1 320,00
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 dollars euro

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

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées à l'Office récepteur du Canada.

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

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>.

16. Lay-Open Applications

The Patent Office Record of July 24, 2001 contains laid-open applications from July 1, 2001 - July 7, 2001.

15. Avis PCT

Exigences des signatures du PCT

Veillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, <http://www.wipo.int>).

Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - Organisation mondiale de la propriété intellectuelle à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à publications.mail@wipo.int ou visiter leur site web à <http://www.wipo.int>.

16. 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 1 juillet 2001 - 7 juillet 2001.

Canadian Patents Issued

July 24, 2001

Brevets canadiens délivrés

24 juillet 2001

[11] **2,005,668**
[13] C

[51] **Int.Cl. 5C08L 57/00 5C08J 3/12**
[25] EN
[54] **EMULSIFIED FUNCTIONALIZED POLYMERS**
[54] **POLYMERES FONCTIONNELS EMULSIFIES**
[72] Schmitt, Joseph M., US
[72] Huang, Sun-Yi, US
[72] Kozakiewicz, Joseph J., US
[72] Dauplaise, David L., US
[73] AMERICAN CYANAMID COMPANY, US
[22] 1989-12-15
[30] US (07/286,078) 1988-12-19
[30] US (07/428,704) 1989-10-30

[11] **2,014,254**
[13] C

[51] **Int.Cl. 5G02B 5/124 5B44F 1/04 5B32B 27/28**
[25] EN
[54] **FLEXIBLE, SUBSTRATE-INSULAR RETROREFLECTIVE SHEETING**
[54] **REVETEMENT EN FEUILLE SOUPLE, ISOLE, RETROREFLECHISSANT**
[72] Bailey, Terry R., US
[72] Tolliver, Howard R., US
[72] Bergeson, David L., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[22] 1990-04-10
[30] US (356,079) 1989-05-23

[11] **2,018,633**
[13] C

[51] **Int.Cl. 5H02G 15/08**
[25] EN
[54] **APPARATUS FOR MOUNTING A CABLE WORKING TOOL**
[54] **SUPPORT POUR OUTIL D'EPISSAGE DE CABLE**
[72] Homfeld, David Ralph, CA
[73] Homfeld, David Ralph, CA
[22] 1990-06-08

[11] **2,007,064**
[13] C

[51] **Int.Cl. 5A61M 25/01**
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[54] **CATHETER POUR LA DISTRIBUTION UNIFORME DE LIQUIDES THERAPEUTIQUES**
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[72] Maguire, Mark A., US
[73] ADVANCED CARDIOVASCULAR SYSTEMS, INC., US
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[11] **2,017,607**
[13] C

[51] **Int.Cl. 5G11C 11/412**
[25] EN
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[54] **MEMOIRE INTEGRE COMPORTANT UN AMPLIFICATEUR DE DETECTION**
[72] Seevinck, Evert, NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[30] NL (8901376) 1989-05-31

[11] **2,019,369**
[13] C

[51] **Int.Cl. 5C07D 513/04 5A61K 31/54 5A61K 31/55**
[25] EN
[54] **SULFUR-CONTAINING FUSED PYRIMIDINE DERIVATIVES, THEIR PRODUCTION AND USE**
[54] **DERIVES DE PYRIMIDINE FONDUS CONTENANT DU SOUFRE, LEUR PRODUCTION ET LEUR UTILISATION**
[72] Suno, Masahiro, JP
[72] Saijo, Taketoshi, JP
[72] Shimamoto, Norio, JP
[72] Naka, Takehiko, JP
[73] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[22] 1990-06-20
[30] JP (156725/1989) 1989-06-21

[11] **2,012,361**
[13] C

[51] **Int.Cl. 5H04L 5/00**
[25] EN
[54] **TRANSMISSION SYSTEM WITH WIDEBAND VIRTUAL CHANNEL**
[54] **SYSTEME DE TRANSMISSION A CANAL VIRTUEL A LARGE BANDE**
[72] Ventola, Sabino R., CA
[72] Musgrave, Peter, CA
[72] Black, David H.A., CA
[73] ALCATEL CANADA INC., CA
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[11] **2,018,327**
[13] C

[51] **Int.Cl. 5C07C 2/88 5C07C 11/02**
[25] EN
[54] **ALPHA-OLEFIN PROCESS**
[54] **PRODUCTION D'OLEFINES ALPHA**
[72] Harkins, Alvin Earl, US
[72] Summers, Layne Woods, US
[73] AMOCO CORPORATION, US
[22] 1990-06-05
[30] US (373,247) 1989-06-29

[11] **2,019,753**
[13] C

[51] **Int.Cl. 5F16D 67/02**
[25] EN
[54] **TWO PIECE CLUTCH BRAKE**
[54] **FREIN D'EMBRAYAGE EN DEUX PARTIES**
[72] Kummer, Martin E., US
[72] Tarlton, James K., Jr., US
[72] Rathburn, Jerry L., US
[72] Flotow, Richard A., US
[73] EATON CORPORATION, US
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[30] US (372,057) 1989-06-27

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[13] C

[51] Int.Cl. 5C12N 15/16 5C12P 21/02
6A61K 38/18 5C12N 1/21 6C07K 14/51
[25] EN
[54] XENOPUS LAEVIS BONE
MORPHOGENIC PROTEIN, DNA
ENCODING SAME AND USE THEREOF
[54] PROTEINE MORPHOGENIQUE
OSSEUSE DACTYLETHRE LAEVIS,
ADN L'ENCODANT ET SON
UTILISATION
[72] Murakami, Kazuo, JP
[72] Ueno, Naoto, JP
[72] Kato, Yukio, JP
[73] TAKEDA CHEMICAL INDUSTRIES,
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[22] 1990-09-05
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[11] 2,026,540
[13] C

[51] Int.Cl. 5C07H 15/26 5A61K 31/70
[25] EN
[54] WATER SOLUBLE DERIVATIVES
OF GLYCOSIDE BIOFLAVONOIDS,
PROCESSES FOR THEIR
PREPARATION AND RELATED
PHARMACEUTICAL COMPOSITIONS
[54] DERIVES HYDROSOLUBLES DE
GLYCOSIDES BIOFLAVONOIDES,
PROCEDE DE PREPARATION ET
COMPOSES PHARMACEUTIQUES
APPARENTES
[72] Scapini, Giancarlo, IT
[72] Tumiatti, Vincenzo, IT
[72] Ghedini, Nadia, IT
[72] Andrisano, Vincenza, IT
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[22] 1990-09-28
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[11] 2,027,300
[13] C

[51] Int.Cl. 5H01R 13/533 5H05B 7/06
5F27B 3/08
[25] EN
[54] ELECTRIC CONNECTION DEVICE
INTENDED TO BE PLACED IN THE
WALL OF A METALLURGICAL
CONTAINER IN CONTACT WITH
MOLTEN METAL
[54] CONNEXION ELECTRIQUE POUR
PAROI DE RECIPIENT A METAL EN
FUSION
[72] Hamy, Michel, FR
[72] Maurer, Ghislain, FR
[72] Lebrun, Christian, FR
[72] GrosJean, Jean-Claude, FR
[73] INSTITUT DE RECHERCHES DE LA
SIDÉRURGIE FRANÇAISE, FR
[22] 1990-10-10
[30] FR (89 13 636) 1989-10-11

[11] 2,025,467
[13] C

[51] Int.Cl. 5C08F 2/22 5C08F 36/00
5C08F 20/06
[25] EN
[54] POLYACRYLATE COPOLYMER,
POLYACRYLATE DISPERSION
COMPRISING THE POLYACRYLATE
COPOLYMER, AND PROCESS FOR
PREPARING THE SAME
[54] COPOLYMER DE
POLYACRYLATE; DISPERSION DE
POLYACRYLATE RENFERMANT LE
COPOLYMER DE POLYACRYLATE;
METHODE DE PREPARATION
[72] Goldy, Harry J., US
[72] Craig, Daniel H., US
[73] HERCULES INCORPORATED, US
[22] 1990-09-17
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[13] C

[51] Int.Cl. 5B05C 1/02 5B05C 17/00
5B05C 21/00
[25] EN
[54] FELT DISPENSER FOR
AUTOMOBILE GLASS INSTALLATION
PREPARATION
[54] DEBITEUR DE FEUTRE POUR
PREPARATION DE MONTAGE DE
VITRES D'AUTOMOBILES
[72] Riera, Frank J., US
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[13] C

[51] Int.Cl. 6C07K 7/64 6C07K 7/06
6C07K 5/08 6C07K 5/10 6A61K 38/55
[25] EN
[54] CYCLIC ANTI-AGGREGATORY
PEPTIDES
[54] PEPTIDES CYCLIQUES ANTI-
AGREGANTS
[72] Ali, Fadia El-Fehail, US
[72] Samanen, James Martin, US
[73] SMITHKLINE BEECHAM
CORPORATION, US
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[30] US (07/425,906) 1989-10-23

[11] 2,026,257
[13] C

[51] Int.Cl. 5G06F 15/31
[25] EN
[54] DEVICE FOR ANALYZING A
TRANSIENT WAVEFORM
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FORMES D'ONDE TRANSITOIRES
[72] Sasaki, Keiji, JP
[73] Research Development Corporation of
Japan, JP
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[11] 2,027,144
[13] C

[51] Int.Cl. 5C07F 7/00 5C08F 4/64
[25] EN
[54] PROCESS AND CATALYST FOR
PRODUCING SYNDIOTACTIC
POLYOLEFINS
[54] METHODE ET CATALYSEUR
POUR LA PREPARATION DE
POLYOLEFINES SYNDIOTACTIQUES
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[72] Elder, Michael J., US
[72] Razavi, Abbas, US
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[30] US (419,055) 1989-10-10

[11] 2,030,162
[13] C

[51] Int.Cl. 5C07D 281/10 5C07D 417/06
5A61K 31/55
[25] EN
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[72] Borchherding, David R., US
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[73] AVENTIS PHARMACEUTICALS
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[13] C

[51] **Int.Cl. 5A47B 31/00**
[25] EN
[54] **DEVICE FOR STORING DISH-TYPE CONTAINERS**
[54] **DISPOSITIF SERVANT AU RANGEMENT DE CONTENANTS DU TYPE VAISSELLE**
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[22] 1990-11-22
[30] NL (8902919) 1989-11-27

[11] **2,030,773**
[13] C

[51] **Int.Cl. 5A61K 47/18**
[25] EN
[54] **STABILIZED SOLUTIONS OF PSYCHOTROPIC AGENTS**
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[72] Van den Oetelaar, Petrus J. M., NL
[72] Mentink, Maria M. F., NL
[73] Akzo N.V., NL
[22] 1990-11-23
[30] EP (89.203092.5) 1989-12-06

[11] **2,031,588**
[13] C

[51] **Int.Cl. 5C07D 401/04 5C07D 401/14 5C07D 405/14 5C07D 409/14 5A61K 31/395 5C07D 211/82**
[25] EN
[54] **SUBSTITUTED CYCLOHEXANOLS AND CYCLOHEXYLAMINES AS CENTRAL NERVOUS SYSTEM AGENTS**
[54] **CYCLOHEXANOLS SUBSTITUES ET CYCLOHEXYLAMINES COMME AGENTS DU SYSTEME NERVEUX CENTRAL**
[72] Caprathe, Bradley William, US
[72] Jaen, Juan Carlos, US
[72] Smith, Sarah Jane, US
[72] Wise, Lawrence David, US
[73] WARNER-LAMBERT COMPANY, US
[22] 1990-12-05
[30] US (446,901) 1989-12-06
[30] US (517,913) 1990-05-02

[11] **2,032,061**
[13] C

[51] **Int.Cl. 5B32B 5/02 5B32B 27/02 5B32B 31/26 5A61F 5/44**
[25] EN
[54] **IMPROVED OSTOMY FILM**
[54] **PELLICULE POUR STOMIE**
[72] Oreglia, Aurelio, IT
[72] Vietto, Paolo, IT
[73] CRYOVAC, INC., US
[22] 1990-12-12
[30] GB (8928221.4) 1989-12-13

[11] **2,032,300**
[13] C

[51] **Int.Cl. 5B22F 3/00 5C22C 33/02 5B22F 5/08 5B22F 3/10 5B22F 3/24**
[25] EN
[54] **MOLDED ARTICLE, PARTICULARLY A CAM OF A SINTERED ALLOY, PRODUCED BY POWDER METALLURGICAL MEANS AND A METHOD FOR ITS PRODUCTION**
[54] **ARTICLE MOULE, NOTAMMENT UNE CAME EN ALLIAGE FRITTEE, PRODUIT SELON LA TECHNOLOGIE DE LA METALLURGIE DES POUDRES, ET METHODE DE FABRICATION CORRESPONDANTE**
[72] Leithner, Karl, AT
[73] Etablissement Supervis, LI
[22] 1990-12-13
[30] DE (P 39 42 091.4) 1989-12-20

[11] **2,032,515**
[13] C

[51] **Int.Cl. 5G01N 23/22**
[25] EN
[54] **NUCLEAR RESONANCE IN ACTIVATION ANALYSIS, AND PARTICULARLY, ITS APPLICATION TO DETECTION OF NITROGEN BASED EXPLOSIVES IN LUGGAGE**
[54] **ANALYSE PAR RESONANCE NUCLEAIRE, ET, PLUS PARTICULIEREMENT, SON APPLICATION A LA DETECTION D'EXPLOSIFS A BUSE DE NITROGENE, DANS LES BAGAGES**
[72] Ettinger, Kamil V., GB
[72] Brondo, Joseph H., Jr., US
[73] Scientific Innovations, Inc., US
[85] 1991-01-08
[86] 1990-05-08 (PCT/US90/02556)
[87] (WO90/13811)
[30] US (349,326) 1989-05-08

[11] **2,033,355**
[13] C

[51] **Int.Cl. 5C12N 15/63 5C12N 1/00 5C12N 15/10**
[25] EN
[54] **CLONING HOST ORGANISMS**
[54] **METHODE DE CLONAGE A L'AIDE DE CELLULES HOTES**
[72] Greener, Alan L., US
[73] Stratagene, US
[22] 1990-12-28
[30] US (462,505) 1990-01-08

[11] **2,034,024**
[13] C

[51] **Int.Cl. 5E04B 1/02 5B27H 1/00**
[25] EN
[54] **WOODEN STRUCTURE, AND A ROLLER PRESS FOR PRODUCING THE STRUCTURE**
[54] **STRUCTURE EN BOIS ET PRESSE A ROULEAUX SERVANT A PRODUIRE LADITE STRUCTURE**
[72] Vekkele, Jouko, FI
[73] JAT-WOOD OY, FI
[22] 1991-01-11

[11] **2,036,017**
[13] C

[51] **Int.Cl. 5C07D 213/73**
[25] EN
[54] **PREPARATION OF HIGHER ALKYL ESTERS OF CARBOXYLIC ACIDS**
[54] **PREPARATION D'ESTERS D'ALKYLES A CHAINE LONGUE D'ACIDES CARBOXYLIQUES**
[72] King, Ian R., GB
[72] Krumel, Karl L., US
[72] Lee, Simon C., GB
[73] DOW AGROSCIENCES LLC, US
[22] 1991-02-08
[30] US (477,702) 1990-02-09

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[13] C

[51] Int.Cl. 5C12N 15/55 5C12P 13/02
5C12N 9/80
[25] EN
[54] DNA FRAGMENT ENCODING A
POLYPEPTIDE HAVING NITRILE
HYDRATASE ACTIVITY, A
TRANSFORMANT CONTAINING THE
GENE AND A PROCESS FOR THE
PRODUCTION OF AMIDES USING THE
TRANSFORMANT

[54] FRAGMENT D'ADN CODANT
POUR UN POLYPEPTIDE AYANT UNE
ACTIVITE NITRILE-HYDRATASE, UN
TRANSFORMANT CONTENANT LE
GENE ET UN PROCEDE POUR LA
PRODUCTION D'AMIDES AU MOYEN
DUDIT TRANSFORMANT

[72] Nagasawa, Toru, JP
[72] Horinouchi, Sueharu, JP
[72] Nishiyama, Makoto, JP
[72] Yamada, Hideaki, JP
[72] Beppu, Teruhiko, JP
[73] Yamada, Hideaki, JP
[73] Beppu, Teruhiko, JP
[73] MITSUBISHI RAYON CO., LTD., JP
[22] 1991-02-28
[30] JP (48078/1990) 1990-02-28

[11] 2,037,893
[13] C

[51] Int.Cl. 5C23G 1/10
[25] EN
[54] PICKLING PROCESS IN AN ACID
BATH OF METALLIC PRODUCTS
CONTAINING TITANIUM OR AT
LEAST ONE CHEMICAL ELEMENT OF
THE TITANIUM FAMILY
[54] PROCEDE DE DECAPAGE DANS
UN BAIN ACIDE DE PRODUITS
METALLIQUES CONTENANT DU
TITANE OU AU MOINS UN ELEMENT
CHIMIQUE DE LA FAMILLE DU
TITANE

[72] Henriet, Dominique, FR
[72] Paul, Didier, FR
[72] Prost, Laurent, FR
[73] USINOR, FR
[85] 1991-03-25
[86] 1990-07-25 (PCT/FR90/00564)
[87] (WO91/02109)
[30] FR (89 10 093) 1989-07-26

[11] 2,038,968
[13] C

[51] Int.Cl. 5A61N 1/30
[25] EN
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DEVICE
[54] DISPOSITIF D'IONTOPHORESE
[72] Lew, Patrick J., US
[72] Gyory, J. Richard, US
[73] ALZA Corporation, US
[22] 1991-03-25
[30] US (502,608) 1990-03-30

[11] 2,039,030
[13] C

[51] Int.Cl. 5C12N 1/20 5C12P 17/18
[25] EN
[54] MICROORGANISMS AND
PROCESS FOR PRODUCING BIOTIN
VITAMERS USING THE SAME
[54] MICROORGANISMES ET
PROCEDE DE FABRICATION
D'ISOMERES DE LA BIOTINE AU
MOYEN DES MICROORGANISMES

[72] Kishimoto, Jiro, JP
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[72] Ifuku, Ohji, JP
[73] Shiseido Company Ltd., JP
[22] 1991-03-26
[30] JP (2-75683) 1990-03-27

[11] 2,039,888
[13] C

[51] Int.Cl. 5A21C 3/00 5A21C 11/00
[25] EN
[54] APPARATUS FOR ADJUSTING
THE LENGTH OF DOUGH STRANDS
AND FOR TRANSFERRING THE
LENGTH-ADJUSTED DOUGH
STRANDS
[54] APPAREIL DE REGLAGE DE LA
LONGUEUR DE TORSADES DE PATE
ET DE TRANSFERT DE CELLES-CI
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[73] J.H. Kaak Holding B.V., NL
[22] 1991-04-05
[30] NL (9000814) 1990-04-06

[11] 2,040,810
[13] C

[51] Int.Cl. 5C12N 15/62 6C07K 19/00
5C12P 21/00 5C12N 1/21 6C07K 14/62
[25] EN
[54] PROCESS FOR PRODUCING
FOREIGN PROTEINS IN
STREPTOMYCES
[54] PROCEDE DE FABRICATION DE
PROTEINES ETRANGERES DANS LES
STREPTOMYCES
[72] Koller, Klaus-Peter, DE
[72] Riess, Günther, DE
[73] HOECHST AKTIENGESELLSCHAFT,
DE
[22] 1991-04-19
[30] DE (P 40 12 818.0) 1990-04-21

[11] 2,041,351
[13] C

[51] Int.Cl. 5B29C 47/06 5B29C 55/12
5B29C 47/88
[25] EN
[54] HIGH DENSITY POLYETHYLENE
SHRINK FILM
[54] PELLICULE RETRECISSABLE EN
POLYETHYLENE HAUTE DENSITE
[72] Shah, Gautam Punshibnai, US
[73] CRYOVAC, INC., US
[22] 1991-04-26
[30] US (529,068) 1990-05-25

[11] 2,042,112
[13] C

[51] Int.Cl. 5C07D 471/10 5C07D 217/26
5A61K 31/47
[25] EN
[54] N'-ALKYL-SPIRO-
ISOQUINOLINE-PYRROLIDINE
TETRONES AND ANALOGS THEREOF
USEFUL AS ALDOSE REDUCTASE
INHIBITORS
[54] N'-ALKYLSPIRO-
ISOQUINOLEINEPYRROLIDINETETR
ONES ET LEURS ANALOGUES, UTILES
COMME AGENTS INHIBITEURS DE
L'ALDOSE-REDUCTASE
[72] Malamas, Michael S., US
[73] AMERICAN HOME PRODUCTS
CORPORATION, US
[22] 1991-05-08
[30] US (526,362) 1990-05-21

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[11] **2,042,848**
[13] C

[51] **Int.Cl. 5A61K 7/075 5A61K 7/50**
[25] FR
[54] **COMPOSITIONS DE LAVAGE A
BASE DE SILICONE ET D'ALCOOLS
GRAS A GROUPEMENTS ETHER ET/
OU THIOETHER OU SULFOXYDE**
[54] **SILICONE/FATTY ALCOHOLS
WASHING COMPOSITIONS WITH
ETHER AND/OR THIOETHER OR
SULFOXIDE GROUPS**
[72] Sebag, Henri, FR
[72] Dubief, Claude, FR
[72] Beauquey, Bernard, FR
[73] L'OREAL, FR
[22] 1991-05-17
[30] FR (90 06279) 1990-05-18

[11] **2,043,187**
[13] C

[51] **Int.Cl. 5A22C 13/00 5B32B 1/08
5B32B 27/08 5B65D 65/40**
[25] EN
[54] **MULTILAYERED TUBULAR
PACKAGING CASING**
[54] **BOYAU MULTICOUCHE**
[72] Stenger, Karl, DE
[72] Saal, Marliese, DE
[73] HOECHST AKTIENGESELLSCHAFT,
DE
[22] 1991-05-24
[30] DE (P 40 17 046.2) 1990-05-26

[11] **2,043,345**
[13] C

[51] **Int.Cl. 5A01K 85/12**
[25] FR
[54] **CUILLER TOURNANTE POUR LA
PECHE DES POISSONS CARNASSIERS**
[54] **SPRINNER FOR CARNIVOROUS
FISH**
[72] Drachkovitch, Albert, FR
[73] CITTADINI, DANIEL, FR
[22] 1991-05-23
[30] FR (90 06657) 1990-05-29

[11] **2,043,543**
[13] C

[51] **Int.Cl. 5B01J 20/30**
[25] EN
[54] **PROCESS FOR THE CONVERSION
OF FINE SUPERABSORBENT
POLYMERS PARTICLES INTO
LARGER PARTICLES**
[54] **PROCEDE DE TRANSFORMATION
DE PARTICULES FINES
SUPERABSORBANTES, EN
POLYMER, EN PARTICULES PLUS
GROSSES**
[72] Woodrum, Guy T., US
[72] Majette, Thomas H., US
[73] HOECHST CELANESE
CORPORATION, US
[22] 1991-05-30
[30] US (531,194) 1990-05-31
[30] US (694,445) 1991-05-07

[11] **2,043,880**
[13] C

[51] **Int.Cl. 5B04C 7/00**
[25] FR
[54] **MELANGEUR-SEPARATEUR
CYCLONIQUE A CO-COURANT ET SES
APPLICATIONS**
[54] **CO-CURRENT CYCLONE MIXER,
SEPARATOR, AND APPLICATIONS
THEREOF**
[72] Gauthier, Thierry, FR
[72] Bergougnou, Maurice, CA
[72] Briens, Cédric, CA
[72] Galtier, Pierre, FR
[73] L'INSTITUT FRANCAIS DU
PETROLE, FR
[22] 1991-06-05
[30] FR (90/06.938) 1990-06-05

[11] **2,047,154**
[13] C

[51] **Int.Cl. 5A61K 7/13**
[25] EN
[54] **HAIR DYE COMPOSITION AND
ITS APPLICATION METHOD**
[54] **TEINTURE CAPILLAIRE ET SA
METHODE D'APPLICATION**
[72] Lorenz, Heribert, DE
[72] Kufner, Frank, DE
[72] Tennigkeit, Jurgen, DE
[73] GOLDWELL GMBH, DE
[22] 1991-07-16
[30] DE (P 40 22 724.3) 1990-07-17
[30] DE (P 40 41 741.7) 1990-12-24

[11] **2,047,232**
[13] C

[51] **Int.Cl. 5F16B 7/18 5E04B 1/19**
[25] EN
[54] **GUIDE DEVICE FOR A
CONNECTION ELEMENT**
[54] **GUIDAGE POUR CONNECTEUR**
[72] Strässle, Marcel, CH
[73] Syma Intercontinental AG, CH
[85] 1991-08-22
[86] 1991-02-13 (PCT/CH91/00040)
[87] (WO91/12384)
[30] CH (507/90-8) 1990-02-16

[11] **2,047,892**
[13] C

[51] **Int.Cl. 5B05C 1/02 5B05C 5/02**
[25] EN
[54] **A METHOD OF APPLYING A
SUBSTANCE TO AN ARTICLE**
[54] **MODE D'APPLICATION D'UNE
SUBSTANCE SUR UN ARTICLE-
SUPPORT**
[72] Kruger, Leon J., ZA
[72] Oatley, John A., ZA
[73] MCNEIL-PPC, INC., US
[22] 1991-07-25
[30] ZA (90/5894) 1990-07-26

[11] **2,049,594**
[13] C

[51] **Int.Cl. 5C23G 5/024 5C23G 5/032**
[25] EN
[54] **ENVIRONMENTALLY SAFE
CLEANING PROCESS AND CLEANING
COMPOSITION USEFUL THERIN**
[54] **PROCEDE DE NETTOYAGE
ECOLOGIQUE ET COMPOSITION DE
NETTOYAGE UTILE A CETTE FIN**
[72] Dishart, Kenneth T., US
[72] Lermond, David S., US
[73] Petroferm Inc., US
[22] 1991-08-21
[30] US (07/573,602) 1990-08-27

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[13] C

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[72] Yoshida, Kenichi, JP
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[11] 2,050,192
[13] C

[51] Int.Cl. 5C08F 2/18 5C08L 33/00
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[25] EN
[54] PREPARATION OF AN IMPACT-
RESISTANT POLYACRYLATE/VINYL
CHLORIDE GRAFT COPOLYMER
[54] PREPARATION D'UN
COPOLYMERE GREFFE
POLYACRYALATE/CHLORURE DE
VINYLE RESISTANT AUX IMPACTS
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[72] Boebel, Armin, DE
[72] Prell, Karl-Heinz, DE
[73] Vestolit GmbH, DE
[22] 1991-08-29
[30] DE (P 40 27 640.6) 1990-08-31

[11] 2,051,785
[13] C

[51] Int.Cl. 5A45C 5/02 5B29D 9/00 5B29C
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[25] EN
[54] PROCESS FOR MAKING A
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LUGGAGE CASE
[54] PROCEDE DE FABRICATION
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[72] Younessian, Elliot J., US
[73] Samsonite Corporation, US
[22] 1991-09-18
[30] US (07/598,496) 1990-10-16

[11] 2,055,665
[13] C

[51] Int.Cl. 5H01L 21/18 5H01L 21/335
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[25] EN
[54] FIELD EFFECT TRANSISTOR
[54] TRANSISTOR A EFFET DE CHAMP
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[73] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[22] 1991-11-15
[30] JP (311061/1990) 1990-11-16

[11] 2,057,014
[13] C

[51] Int.Cl. 6C07K 19/00 6C07K 1/20
[25] EN
[54] PROCESS FOR PURIFICATION OF
POLYPEPTIDE
[54] METHODE DE PURIFICATION DE
POLYPEPTIDES
[72] Kaminuma, Toshihiko, JP
[72] Iida, Toshii, JP
[72] Tajima, Masahiro, JP
[73] SHISEIDO COMPANY, LTD., JP
[85] 1991-11-29
[86] 1991-03-29 (PCT/JP91/00421)
[87] (WO91/15502)
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[30] JP (2-213016) 1990-08-10

[11] 2,058,676
[13] C

[51] Int.Cl. 6C07K 14/765 6C07K 1/18
[25] EN
[54] PROCESS FOR ISOLATING
HUMAN ALBUMIN FROM
SUPERNATANT IV, IN PARTICULAR
IV-4, OR FROM COHN'S FRACTION V
OR FROM AN ANALOGOUS
SUPERNATANT OR FRACTION
[54] METHODE POUR ISOLER
L'ALBUMINE HUMAINE DU
SURNAGEANT IV, EN PARTICULIER
DU SURNAGEANT IV-4, OU DE LA
FRACTION V SELON COHN, OU
ENCORE D'UNE FRACTION OU D'UN
SURNAGEANT ANALOGUE
[72] Grandgeorge, Michel Gaston Joseph, FR
[72] Veron, Jean-Luc Bernard, FR
[72] Fournier, Pierre Luc Jean, FR
[73] PASTEUR MERIEUX SERUMS ET
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[22] 1992-01-02
[30] FR (91 01365) 1991-02-07

[11] 2,060,287
[13] C

[51] Int.Cl. 5H01S 3/02
[25] EN
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[54] AMPLIFICATEUR OPTIQUE
[72] Pfeiffer, Thomas, DE
[73] ALCATEL, N.V., NL
[22] 1992-01-29
[30] DE (P 41 02 648.9) 1991-01-30

[11] 2,062,814
[13] C

[51] Int.Cl. 5H04L 5/14
[25] EN
[54] DATA NETWORK INTERFACE
[54] INTERFACE DE RESEAU DE
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[72] Sorensen, Lars Stig, DE
[73] Motorola Inc., US
[85] 1991-12-24
[86] 1991-05-06 (PCT/EP91/00853)
[87] (WO91/18483)
[30] GB (9010722.8) 1990-05-12

[11] 2,063,976
[13] C

[51] Int.Cl. 5A01K 73/02
[25] EN
[54] METHOD AND APPARATUS FOR
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[54] METHODE ET APPAREIL POUR
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[73] Hawkins, Jerry D., Jr., US
[73] Salinas, Sheryl A., US
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[13] C

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[25] EN
[54] **DIRECT RADIOLABELING OF ANTIBODIES AND OTHER PROTEINS WITH TECHNETIUM OR RHENIUM**
[54] **RADIO-ETIQUETAGE DIRECT DES ANTICORPS ET D'AUTRES PROTEINES A L'AIDE DE TECHNETIUM OU DE RHENIUM**
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[73] RHOMED INCORPORATED, US
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[86] 1990-08-08 (PCT/US90/04461)
[87] (WO91/01754)
[30] US (07/391,474) 1989-08-09

[11] **2,066,191**
[13] C

[51] **Int.Cl. 5C07D 498/04**
[25] EN
[54] **TRICYCLIC -6,5,5/-6,6,5-FUSED OXAZOLIDINONE ANTIBACTERIAL AGENTS**
[54] **AGENTS ANTIBACTERIENS A BASE DE COMPOSES TRICYCLIQUES -6,5,5 OU -6,6,5, ISSUS D'UNE FUSION AVEC L'OXAZOLIDINONE**
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[73] PHARMACIA & UPJOHN COMPANY, US
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[11] **2,066,199**
[13] C

[51] **Int.Cl. 5D01F 9/12 5B32B 33/00 5B01J 35/00 5C01B 31/04 5H01M 4/58**
[25] EN
[54] **CARBON FIBRIL AGGREGATES**
[54] **PILE ELECTRIQUE**
[72] Friend, Stephen O., US
[72] Atkins, Jaspard H., US
[72] Tennent, Howard G., US
[72] Hausslein, Robert, US
[72] Moy, David, US
[72] Chishti, Asif, US
[73] Hyperion Catalysis International, Inc., US
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[30] US (413,837) 1989-09-28
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[11] **2,070,370**
[13] C

[51] **Int.Cl. 5G01P 13/00 5G01B 7/00**
[25] EN
[54] **MAGNETIC POSITION MARKER**
[54] **REPERE DE POSITION MAGNETIQUE**
[72] Shimizu, Takao, JP
[73] NIPPON FELT CO., LTD., JP
[22] 1992-06-03
[30] JP (4-118413) 1992-04-10

[11] **2,071,939**
[13] C

[51] **Int.Cl. 5B65D 17/32 5B29C 45/14 5B29C 65/76**
[25] EN
[54] **CONTAINER CLOSURE, AND METHOD FOR PRODUCING SAME**
[54] **FERMETURE DE CONTENANT ET METHODE DE PRODUCTION CONNEXE**
[72] Heyn, William M., US
[72] Roth, Donald J., US
[73] Polystar Packaging, Incorporated, US
[85] 1992-06-17
[86] 1990-12-18 (PCT/US90/07294)
[87] (WO91/08959)
[30] US (451,812) 1989-12-18

[11] **2,075,064**
[13] C

[51] **Int.Cl. 5A61B 5/0205**
[25] EN
[54] **A MONITOR WHICH ANALYSES PULSE FREQUENCY BY PHOTOPLETHYSMOGRAPHIC MEASUREMENT AND A MEASURING METHOD THEREFOR**
[54] **MONITEUR ANALYSANT LES FREQUENCES D'IMPULSIONS PAR DES MESURES PHOTOPLETHYSMOGRAPHIQUES ET METHODE DE MESURE CONNEXE**
[72] Lindberg, Lars-Goran, SE
[72] Oberg, Ake, SE
[73] Lindberg, Lars-Goran, SE
[73] Oberg, Ake, SE
[85] 1992-07-30
[86] 1991-02-14 (PCT/SE91/00106)
[87] (WO91/11956)
[30] SE (9000564-6) 1990-02-16

[11] **2,075,178**
[13] C

[51] **Int.Cl. 5G06G 7/48 5G06F 3/00**
[25] EN
[54] **FORCE FEEDBACK AND TEXTURE SIMULATING INTERFACE DEVICE**
[54] **INTERFACE DE SIMULATION DE RETOUR D'EFFORT ET DE TEXTURE**
[72] Kramer, James F., US
[73] VIRTUAL TECHNOLOGIES, INC., US
[85] 1992-07-31
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[87] (WO91/11775)
[30] US (474,168) 1990-02-02

[11] **2,075,202**
[13] C

[51] **Int.Cl. 5A61M 39/00**
[25] EN
[54] **NONRETURN VALVE, IN PARTICULAR FOR MEDICAL INFUSION APPLIANCES**
[54] **CLAPET ANTIRETOUR DESTINE NOTAMMENT AUX APPAREIL DE PERFUSION MEDICALE**
[72] Forberg, Hans-Jürgen, DE
[73] Forberg, Hans-Jürgen, DE
[85] 1992-07-31
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[87] (WO92/10232)
[30] DE (P 40 39 814.5) 1990-12-13

[11] **2,077,193**
[13] C

[51] **Int.Cl. 5A61N 1/368**
[25] EN
[54] **IMPLANTABLE DEVICE FOR PREVENTING TACHYARRHYTHMIAS**
[54] **IMPLANT PREVENANT LA TACHYARYTHMIE**
[72] Adams, John M., US
[72] Alferness, Clifton A., US
[73] CARDIAC PACEMAKERS, INC., US
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[87] (WO92/14511)
[30] US (07/660,541) 1991-02-25

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[13] C

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[54] **DENTIFRICE INHIBANT LA PLAQUE DENTAIRE**
[72] Rölla, Gunnar, NO
[72] Ellingsen, Jan E., NO
[73] Rölla, Gunnar, NO
[73] Ellingsen, Jan E., NO
[85] 1992-09-01
[86] 1991-03-04 (PCT/NO91/00032)
[87] (WO91/13608)
[30] NO (901031) 1990-03-05

[11] 2,078,050
[13] C

[51] **Int.Cl. 5C08L 51/00 5C08L 77/00 5C08L 25/02 5C08L 51/04**
[25] EN
[54] **CYCLOOLEFIN RESIN COMPOSITION**
[54] **COMPOSITION RESINIQUE DU TYPE CYCLOOLEFINE**
[72] Yamamoto, Sanehiro, JP
[72] Kimura, Toshio, JP
[72] Nakagawa, Takasi, JP
[72] Toyota, Akinori, JP
[73] MITSUI CHEMICALS INC., JP
[22] 1992-09-11
[30] JP (233139/1991) 1991-09-12
[30] JP (233140/1991) 1991-09-12
[30] JP (233141/1991) 1991-09-12
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[11] 2,078,543
[13] C

[51] **Int.Cl. 5G01N 1/14 5G01N 15/00 5G01N 27/60**
[25] EN
[54] **APPARATUS FOR AUTOMATED POLYELECTROLYTE MEASUREMENT**
[54] **APPAREIL DE MESURE AUTOMATISEE DE POLYELECTROLYTES**
[72] Krah, Robert, DE
[73] MUTEK ANALYTIC GMBH, DE
[85] 1992-09-17
[86] 1991-03-08 (PCT/EP91/00441)
[87] (WO91/14940)
[30] EP (P 40 08 916.9) 1990-03-20

[11] 2,080,702
[13] C

[51] **Int.Cl. 5B65D 81/02 5B65D 71/00**
[25] EN
[54] **ARTICLE CARRIER WITH CUSHIONED PANEL**
[54] **SUPPORT A FOND COUSSINE POUR LE TRANSPORT DE CANETTES**
[72] Cooper, Leonard Michael, US
[73] Riverwood International Corporation, US
[85] 1992-10-15
[86] 1991-03-21 (PCT/US91/01904)
[87] (WO91/16244)
[30] US (509,922) 1990-04-16

[11] 2,080,768
[13] C

[51] **Int.Cl. 5D21H 17/62**
[25] EN
[54] **ROSIN EMULSION SIZING AGENT, PAPER SIZED THEREWITH AND METHOD OF SIZING USING THE SAME**
[54] **AGENT D'ENCOLLAGE A EMULSION DE COLOPHANE, PAPIER TRAITÉ AU MOYEN DE CET AGENT ET METHODE DE TRAITEMENT A L'AIDE DE CELUI-CI**
[72] Nakamura, Katsunori, JP
[72] Nagao, Kazuki, JP
[72] Monobe, Masayuki, JP
[73] Japan PMC Corporation, JP
[22] 1992-10-16
[30] JP (3-333830) 1991-10-18

[11] 2,083,047
[13] C

[51] **Int.Cl. 5G01F 1/76**
[25] EN
[54] **MASS AIR FLOW METER**
[54] **DEBITMETRE POUR MESURER LE DEBIT MASSIQUE DE L'AIR**
[72] Atwood, Robert K., US
[73] Atwood, Robert K., US
[85] 1992-11-16
[86] 1991-05-16 (PCT/US91/03438)
[87] (WO91/18272)
[30] US (524,581) 1990-05-17

[11] 2,085,465
[13] C

[51] **Int.Cl. 5C12P 7/62 6C07K 7/06 6C07K 7/08 6A61K 38/58 5C07C 69/593 5C07C 311/64 6C07K 14/815**
[25] EN
[54] **THROMBIN INHIBITORS BASED ON THE AMINO ACID SEQUENCE OF HIRUDIN**
[54] **INHIBITEURS DE LA THROMBINE BASES SUR LA SEQUENCE D'ACIDES AMINES DE L'HIRUDINE**
[72] Dimaio, John, CA
[72] Ni, Feng, CA
[72] Konishi, Yasuo, CA
[73] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY NATIONAL RESEARCH COUNCIL, CA
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[86] 1991-06-14 (PCT/CA91/00213)
[87] (WO91/19734)
[30] US (538,322) 1990-06-15

[11] 2,085,864
[13] C

[51] **Int.Cl. 5H01C 7/12**
[25] FR
[54] **PARAFONDRE A PROPRIETES MECANQUES PERFECTIONNEES**
[54] **LIGHTNING ARRESTER WITH ENHANCED MECHANICAL PROPERTIES**
[72] Lagnoux, Alain, FR
[72] Malpèce, Frédéric, FR
[72] Mercier, Dominique, FR
[73] SOULE MATERIEL ELECTRIQUE, FR
[22] 1992-12-18
[30] FR (91 15 913) 1991-12-20

[11] 2,087,705
[13] C

[51] **Int.Cl. 5B25J 9/18**
[25] EN
[54] **HYDRAULIC CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE HYDRAULIQUE**
[72] FRENETTE, Real Noel, JP
[72] LAWRENCE, Peter Donald, CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 1993-01-20
[86] 1991-07-12 (PCT/CA91/00237)
[87] (WO92/01538)
[30] US (556,417) 1990-07-24

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[11] **2,088,971**
[13] C

[51] **Int.Cl. 5G03D 5/04**
[25] EN
[54] **RECIRCULATION, REPLENISHMENT, REFRESH, RECHARGE AND BACKFLUSH FOR A PHOTOGRAPHIC PROCESSING APPARATUS**
[54] **RECIRCULATION, REMPLISSAGE, RAFRAICHISSEMENT, RECHARGE ET CIRCULATION INVERSE POUR APPAREIL DE DEVELOPPEMENT DE PHOTOGRAPHIES**
[72] Bartell, Roger Edwin, US
[72] Patton, David Lynn, US
[72] Rosenburgh, John Howard, US
[72] Piccinino, Ralph Leonard, Jr., US
[73] EASTMAN KODAK COMPANY, US
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[30] US (844,806) 1992-03-02

[11] **2,092,412**
[13] C

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[54] **PRETREATMENT FOR ZINC AND ZINC ALLOY PRIOR TO CHROMATING**
[54] **TRAITEMENT PRE-CHROMATATION DU ZINC ET DES ALLIAGES DE ZINC**
[72] Yoshitake, Noriaki, JP
[72] Mizuno, Kensuke, JP
[72] Ishii, Hitoshi, JP
[73] HENKEL CORPORATION, US
[85] 1993-03-24
[86] 1991-10-09 (PCT/US91/07586)
[87] (WO92/07107)
[30] JP (H2-275,837) 1990-10-15

[11] **2,092,652**
[13] C

[51] **Int.Cl. 6C07K 5/10 6A61K 38/06 6A61K 38/07 6C07K 5/08 5A61K 7/48**
[25] EN
[54] **ANTIHERPES PEPTIDE DERIVATIVES HAVING A UREIDO N-TERMINUS**
[54] **DERIVES PEPTIDIQUES COMPORTANT UN GROUPE UREIDO N TERMINAL UTILES DANS LE TRAITEMENT DE L'HERPES**
[72] DEZIEL, ROBERT, CA
[72] MOSS, NEIL, CA
[72] PLANTE, RAYMOND, CA
[73] BOEHRINGER INGELHEIM (CANADA) LTD./ BOEHRINGER INGELHEIM (CANADA) LTEE, CA
[22] 1993-03-12
[30] US (849,922) 1992-03-12

[11] **2,093,588**
[13] C

[51] **Int.Cl. 5B29C 45/30 5B29C 45/00**
[25] EN
[54] **INJECTION MOLDING TORPEDO WITH SHAFT HAVING CERAMIC CENTRAL PORTION**
[54] **TORPILLE DE MACHINE A MOULER PAR INJECTION AVEC ARBRE COMPORTANT UNE PARTIE CENTRALE EN CERAMIQUE**
[72] GELLERT, JOBST ULRICH, CA
[73] GELLERT, JOBST ULRICH, CA
[22] 1993-04-07

[11] **2,095,632**
[13] C

[51] **Int.Cl. 5B61F 5/44 5B61F 3/16**
[25] EN
[54] **RAILWAY AXLE WITH ORIENTABLE WHEELS AND VARIABLE WIDTH**
[54] **ESSIEU FERROVIAIRE A ROUES ORIENTABLES ET A LARGEUR VARIABLE**
[72] De Ro, Michel, BE
[72] Debaille, Pascal, BE
[72] Vandamme, Michel, BE
[72] Vin, Jean-Pierre, BE
[73] Bombardier Eurorail S.A., BE
[85] 1993-05-05
[86] 1991-10-25 (PCT/BE91/00077)
[87] (WO92/08635)
[30] BE (9001063) 1990-11-12

[11] **2,096,207**
[13] C

[51] **Int.Cl. 5H04Q 3/42**
[25] EN
[54] **METHOD AND SYSTEM FOR SELECTING AN OPTIMAL REARRANGEMENT SEQUENCE FOR A CROSS-CONNECT COMMUNICATIONS MATRIX**
[54] **METHODE PERMETTANT DE CHOISIR UNE SEQUENCE OPTIMALE DE REAGENCEMENT POUR UNE MATRICE SOUS-REPARTITRICE DE COMMUNICATIONS, ET SYSTEME CONNEXE**
[72] Bowdon, Edward K., US
[73] ALCATEL, N.V., NL
[22] 1993-05-13
[30] US (07/882.912) 1992-05-14

[11] **2,097,261**
[13] C

[51] **Int.Cl. 6C22B 9/02**
[25] EN
[54] **PROCESS FOR TREATING MOLTEN METAL DURING CASTING OPERATION USING A FILTER AND FILTER FOR IMPLEMENTING THE PROCESS**
[54] **PROCEDE ET FILTRE UTILISE POUR LE TRAITEMENT DU METAL EN FUSION AU COURS DE L'OPERATION DE COULEE**
[72] Daussan, Jean-Charles, FR
[72] Daussan, Gérard, FR
[72] Daussan, André, FR
[73] Daussan et Compagnie, FR
[22] 1993-05-28
[30] FR (92 13039) 1992-10-30
[30] FR (93 00062) 1993-01-06
[30] LU (88124) 1992-05-29

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[11] **2,097,497**
[13] C
[51] **Int.Cl. 5A01N 43/36 5A01C 1/06 5A61K 31/40**
[25] EN
[54] **CONTROL OF PARASITIC NEMATODES**
[54] **LUTTE CONTRE LES NEMATODES**
[72] Alphey, Thomas James William, GB
[72] Birch, Andrew Nicholas Edmund, GB
[72] Fellows, Linda Elizabeth, GB
[72] Robertson, Walter Morris, GB
[73] BTG INTERNATIONAL LIMITED, GB
[85] 1993-06-01
[86] 1991-11-28 (PCT/GB91/02111)
[87] (WO92/09202)
[30] GB (9026271.8) 1990-12-03

[11] **2,098,539**
[13] C
[51] **Int.Cl. 5C08L 23/08 5C08L 23/02 5C08L 23/06**
[25] EN
[54] **ETHYLENE COPOLYMER COMPOSITION**
[54] **COMPOSITION DE POLYMERE ETHYLIQUE**
[72] Takahashi, Mamoru, JP
[72] Todo, Akira, JP
[72] Ikeyama, Seiichi, JP
[72] Tsutsui, Toshiyuki, JP
[72] Matsunaga, Shinya, JP
[72] Kaneshige, Norio, JP
[73] MITSUI CHEMICALS INC., JP
[22] 1993-06-16
[30] JP (157937/1992) 1992-06-17
[30] JP (157938/1992) 1992-06-17
[30] JP (239279/1992) 1992-09-08
[30] JP (239280/1992) 1992-09-08
[30] JP (68281/1993) 1993-03-26
[30] JP (68282/1993) 1993-03-26
[30] JP (68850/1993) 1993-03-26
[30] JP (68851/1993) 1993-03-26

[11] **2,099,500**
[13] C
[51] **Int.Cl. 5G11C 27/00**
[25] EN
[54] **SOURCE FOLLOWER STORAGE CELL AND IMPROVED METHOD AND APPARATUS FOR ITERATIVE WRITE FOR INTEGRATED CIRCUIT ANALOG SIGNAL RECORDING AND PLAYBACK**
[54] **CELLULE DE STOCKAGE ET METHODE ET APPAREIL AMELIORES POUR LITERATION DES ECRITURES DANS L'ENREGISTREMENT ET LA LECTURE DES SIGNAUX ANALOGIQUES D'UN CIRCUIT INTEGRE**
[72] Blyth, Trevor, US
[72] Simko, Richard T., US
[73] INFORMATION STORAGE DEVICES, INC., US
[85] 1993-06-30
[86] 1991-12-26 (PCT/US91/09666)
[87] (WO92/12519)
[30] US (636,879) 1991-01-02

[11] **2,099,763**
[13] C
[51] **Int.Cl. 5B01F 15/02 5B01D 29/085**
[25] EN
[54] **FLUID MIXING ACCESSORY**
[54] **ACCESSOIRE DE MELANGE DE FLUIDES**
[72] Martin, Jeff, US
[73] Martin, Jeff, US
[85] 1993-06-29
[86] 1991-01-10 (PCT/US91/00200)
[87] (WO92/11930)

[11] **2,100,766**
[13] C
[51] **Int.Cl. 5A61C 17/06**
[25] EN
[54] **EXTRACTOR FOR USE IN DENTAL TREATMENT**
[54] **EXTRACTEUR POUR UTILISATION DANS LE TRAITEMENT DENTAIRE**
[72] Clementz, Pehr, SE
[73] Agdur, Bertil, SE
[73] Clementz, Pehr, SE
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BENZYLAMINOMETHYL
PIPERIDINES AND RELATED
COMPOUNDS
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SES APPLICATIONS DANS LE
DOMAINE DU BATIMENT
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[54] **NOVEL PYRIDINE COMPOUNDS; PROCESS FOR PREPARING THE SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
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[72] Mazeas, Daniel, FR
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[54] **FIBRE OPTIQUE A AMES MULTIPLES DOPEE AVEC UNE TERRE RARE ET METHODE DE FABRICATION DE CETTE FIBRE**
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[54] **PROCEDE ET DISPOSITIF DE COMPENSATION DE PHASE POUR SYSTEME DE COMMANDE DE VEHICULES**
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[13] C

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[25] EN
[54] **STUFFING BOX WITH IMPROVED PACKING RINGS AND METHOD**
[54] **TETE DE CIRCULATION COMPRENANT DES BAGUES D'ETANCHEITE AMELIOREES ET METHODE CONNEXE**
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[13] C

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[54] **BIOADHESIVE PHARMACEUTICAL COMPOSITION FOR THE CONTROLLED RELEASE OF ACTIVE INGREDIENTS**
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[72] Pichon, Gérald, FR
[73] ADIR ET COMPAGNIE, FR
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[51] **Int.Cl. 6E04B 1/66 6E01D 19/00**
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[54] **DISPOSITIF D'ETANCHEITE POUR JOINT DE TASSEMENT**
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[73] MIGUA FUGENSYSTEME GMBH & CO. KG, GB
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[54] **SYSTEME DE COMMUNICATION MOBILE ET RESEAU ET STATION MOBILE CONNEXES**
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[72] Maebara, Akihiro, JP
[72] Okajima, Ichiro, JP
[72] Sugiyama, Kazuo, JP
[72] Sasada, Koji, JP
[73] NTT MOBILE COMMUNICATIONS NETWORK INC., JP
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[51] **Int.Cl. 6H04B 1/18 6H04L 27/22**
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[54] **RECEPTEUR A CONVERSION DIRECTE**
[72] Smith, Christopher Nigel, GB
[73] Roke Manor Research Limited, GB
[85] 1997-01-08
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[87] (WO96/36104)

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[54] **FREQUENCY SYNTHESIZER**
[54] **SYNTHETISEUR DE FREQUENCE**
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[72] Itoh, Kenji, JP
[72] Nishimura, Shuji, JP
[72] Doi, Masayuki, JP
[72] Iida, Akio, JP
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
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[13] C
[51] **Int.Cl. 6G06F 15/16 6G06F 9/44**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING ENHANCED PAY PER VIEW IN VIDEO SERVER EMPLOYING COARSE-GRAINED STRIPING SCHEME**
[54] **METHODE ET APPAREIL SERVANT A AMELIORER LE SERVICE DE TELE PAYANTE D'UN SERVEUR VIDEO PAR ORDONNANCEMENT DES TACHES ENTRE UN PETIT NOMBRE DE GROS PROCESSEURS**
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[72] Silberschatz, Abraham, US
[72] Ozden, Banu, US
[73] AT&T CORP., US
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[30] US (624,011) 1996-03-27

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[51] **Int.Cl. 6B68C 1/14**
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[54] **METHOD OF REDUCING INJURIES TO RIDERS AND A RIDING CINCH**
[54] **MOYEN DE REDUIRE LES BLESSURES CAUSEES AUX CAVALIERS, ET SANGLE CONNEXE**
[72] TUCHSCHERER, Idella Jean, CA
[72] ETTINGER, Betty Lou, CA
[72] TUCHSCHERER, Donald Henry, CA
[72] ETTINGER, Stanley James, CA
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[73] ETTINGER, Stanley James, CA
[22] 1997-02-07

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[51] **Int.Cl. 6C08G 18/65 6C08J 9/08**
[25] EN
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[54] **MOUSSE DE POLYURETHANE ET PROCEDE DE PRODUCTION DE CETTE DERNIERE**
[72] KUCZYNSKI, Edward T., US
[72] BAYKO, William M., US
[73] Woodbridge Foam Corporation, CA
[22] 1997-02-20
[30] US (08/604,071) 1996-02-20

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[72] Chatrefou, Denis, FR
[73] GEC ALSTHOM T & D BALTEAU, FR
[22] 1997-02-21
[30] FR (96 02 196) 1996-02-22

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[13] C
[51] **Int.Cl. 6C09G 1/02 6C09G 1/16**
[25] EN
[54] **WAXLESS COMPOSITION FOR CLEANING AND POLISHING ACRYLIC AND GLASS SURFACES**
[54] **COMPOSITION SANS CIRE POUR NETTOYER ET POLIR LES SURFACES D'ACRYLIQUE ET DE VERRE**
[72] Dagenais, Jean, CA
[73] VERRE LE FUTUR INC., CA
[22] 1997-02-28

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[13] C
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[25] EN
[54] **CABLE TELEVISION APPARATUS EMPLOYING TWO-WAY COMMUNICATION**
[54] **APPAREIL DE TELEVISION PAR CABLE FAISANT APPEL A UNE COMMUNICATION BIDIRECTIONNELLE**
[72] JELINEK, Catherine W., US
[72] KRUSE, Herman A., US
[72] AL-KHALIL, Munther A., US
[72] THOMPSON, Leo J., US
[73] Scientific Atlanta, Inc., US
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[30] US (08/304,171) 1994-09-12

[11] **2,199,958**
[13] C
[51] **Int.Cl. 6A61N 1/36**
[25] EN
[54] **METHOD AND APPARATUS TO LIMIT CONTROL OF PARAMETERS OF ELECTRICAL TISSUE STIMULATORS**
[54] **PROCEDE ET APPAREIL POUR LIMITER LA MODIFICATION DES PARAMETRES DE STIMULATEURS ELECTRIQUES DE TISSUS**
[72] HRDLICKA, Gregory A., US
[72] THOMPSON, David L., US
[73] MEDTRONIC, INC., US
[85] 1997-03-13
[86] 1995-08-23 (PCT/US95/10718)
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[30] US (08/312,340) 1994-09-26

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[13] C

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[54] **TEMPORARY, POST-HEART SURGERY CARDIOVERTING AND PACING SYSTEM AND LEAD SYSTEMS FOR USE**
[54] **SYSTEME TEMPORAIRE DE DEFIBRILLATION ET DE STIMULATION CARDIAQUES ET SONDES-ELECTRODES POUR L'USAGE DES PATIENTS AYANT SUBI UNE CHIRURGIE CARDIAQUE**
[72] ALFERNESS, Clifton A., US
[72] ADAMS, John M., US
[72] AYERS, Gregory M., US
[72] GONZALEZ, Hugo X., US
[73] CARDIAC PACEMAKERS, INC., US
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[13] C

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[25] EN
[54] **PYRIDINE-2,3-DICARBOXYLIC ACID DIAMIDE DERIVATIVES AND HERBICIDES COMPRISING SAID DERIVATIVES AS ACTIVE INGREDIENT**
[54] **DERIVES DE DIAMIDE DE L'ACIDE PYRIDINE-2, 3-DICARBOXYLIQUE; HERBICIDES ABASE DE CES DERIVES COMME INGREDIENTS ACTIFS**
[72] KATSUHIRA, Takeshi, JP
[72] OHTSUKA, Takashi, JP
[72] MIURA, Yuzo, JP
[72] TONISHI, Masanori, JP
[73] NIHON NOHYAKU CO., LTD., JP
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[30] JP (08-104580) 1996-04-02

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[13] C

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[25] FR
[54] **COMPOSITION FILTRANTE PHOTOSTABLE COMPRENANT UN DERIVE DE DIBENZOYLMETHANE ET UN ALKYLETHER DE POLYSACCHARIDE ET SES UTILISATIONS**
[54] **PHOTOSTABLE SUNSCREEN COMPOSITION COMPRISING A DIBENZOYLMETHANE DERIVATIVE AND A POLYSACCHARIDE ALKYLETHER AND ITS USES**
[72] HANSENNE, Isabelle, FR
[72] DE CHABANNES, Karine, FR
[73] L'OREAL, FR
[22] 1997-04-04
[30] FR (96 04 361) 1996-04-05

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[13] C

[51] **Int.Cl. 6A61F 13/46**
[25] EN
[54] **HIGH SPEED MECHANICAL STRAINING PROCESS TO PROVIDE EXTENSIBILITY TO LAMINATES FOR USE IN DISPOSABLE ABSORBENT ARTICLES**
[54] **PROCEDE MECANIQUE DE SURTENSION RAPIDE CONFERANT DE L'EXTENSIBILITE AUX LAMINES DESTINES AUX ARTICLES ABSORBANTS JETABLES**
[72] GEILICH, Ralf, DE
[72] PLUMLEY, Julian Ashton, DE
[73] THE PROCTER & GAMBLE COMPANY, US
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[86] 1995-10-13 (PCT/US95/13208)
[87] (WO96/12462)
[30] EP (94203040.4) 1994-10-20
[30] EP (94119091.0) 1994-12-03

[11] **2,202,469**
[13] C

[51] **Int.Cl. 6B65G 47/248 6B65H 5/00**
[25] EN
[54] **TURNOVER-SEQUENCER STAGING APPARATUS AND METHOD**
[54] **PROCEDE ET DISPOSITIF DE RETOURNEMENT, DE MISE EN SEQUENCE ET DE SEPARATION EN ETAGES**
[72] MOSER, James R., US
[72] BIEBER, Thomas E., US
[72] SKVORETZ, David M., US
[73] BELL & HOWELL PHILLIPSBURG COMPANY, US
[85] 1997-04-11
[86] 1995-11-06 (PCT/US95/14387)
[87] (WO96/14260)
[30] US (336,116) 1994-11-04

[11] **2,202,595**
[13] C

[51] **Int.Cl. 6H04L 12/54**
[25] EN
[54] **DIRECTORY WITH OPTIONS FOR ACCESS TO AND DISPLAY OF EMAIL ADDRESSES**
[54] **REPertoire AVEC DES OPTIONS POUR L'ACCES A ET L'AFFICHAGE DES ADRESSES EMAIL**
[72] ADLER, Michael, US
[72] WRIGHT, David A., US
[72] DALTON, Lisa A., US
[72] LEE, Eugene H., US
[73] Banyan Systems, Inc., US
[22] 1997-04-14
[30] US (08/643,727) 1996-05-06

[11] **2,202,969**
[13] C

[51] **Int.Cl. 6B01D 69/08 6B01D 67/00 6A61M 1/18**
[25] EN
[54] **SELECTIVELY PERMEABLE HOLLOW FIBER MEMBRANE AND PROCESS FOR PRODUCING SAME**
[54] **MEMBRANE DE FIBRES CREUSES SELECTIVEMENT PERMEABLE ET PROCEDE DE FABRICATION**
[72] EMI, Shingo, JP
[72] SOGA, Kouzi, JP
[72] MIZUTANI, Shoji, JP
[73] Teijin Limited, JP
[22] 1997-04-17
[30] JP (8-98457) 1996-04-19
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[51] **Int.Cl. 6E04B 1/74**
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[72] LYTLE, C. E. Butch, US
[73] GUARDIAN FIBERGLASS, INC., US
[22] 1997-05-07
[30] US (08/805,729) 1997-02-25

[11] **2,204,814**
[13] C
[51] **Int.Cl. 6E03B 7/07**
[25] EN
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[54] **APPAREIL DE ROBINETTERIE**
[72] MASSHOLDER, Karl F., DE
[73] MASSHOLDER, Karl F., DE
[22] 1997-05-08
[30] DE (196 18 771.0) 1996-05-10

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[51] **Int.Cl. 6C12N 15/12 6C07K 14/435 6G01N 21/64 6C12N 15/65 6G01N 33/68 6C12Q 1/68**
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[54] **PROTEINES FLUORESCENTES VERTES MODIFIEES**
[72] TSIEN, Roger Y., US
[72] HEIM, Roger, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 1997-05-09
[86] 1995-11-13 (PCT/US95/14692)
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[30] US (08/337,915) 1994-11-10

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[13] C
[51] **Int.Cl. 6D04H 11/00**
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[54] **TAPIS A LIAISON PAR FUSION, ET SON PROCEDE DE FABRICATION**
[72] SLOSBERG, David K., US
[72] HAMILTON, Wayne M., US
[73] INTERFACE, INC., US
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[87] (WO96/15302)

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[13] C
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[25] EN
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[54] **FILTRE DE FILIERE D'EXTRUSION**
[72] BENTIVOGLIO, Alfredo, CA
[73] BENTIVOGLIO, Alfredo, CA
[22] 1997-05-14

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[13] C
[51] **Int.Cl. 6E21B 31/113**
[25] EN
[54] **JAR APPARATUS AND METHOD OF JARRING**
[54] **COULISSE DE FORAGE ET PROCEDE DE BATTAGE A L'AIDE DE CETTE COULISSE**
[72] ANDERSON, Edwin A., US
[73] HOUSTON ENGINEERS, INC., US
[85] 1997-05-29
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[87] (WO96/18021)
[30] US (349.253) 1994-12-05

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[51] **Int.Cl. 6C11D 3/37 6C12S 11/00 6C11D 3/386**
[25] EN
[54] **DETERGENT COMPOSITION COMPRISING CELLULASE ENZYME AND NONIONIC CELLULOSE ETHER**
[54] **COMPOSITION DETERGENTE COMPORANT UNE CELLULASE ET UN ETHER CELLULOSIQUE NON IONIQUE**
[72] BAILLELY, Gerard Marcel, GB
[72] GUEDIRA, Nour-Eddine, GB
[72] HALL, Robin Gibson, GB
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-05-30
[86] 1995-12-21 (PCT/US95/16432)
[87] (WO96/20997)
[30] GB (9426458.7) 1994-12-31

[11] **2,207,174**
[13] C
[51] **Int.Cl. 6F16B 2/08**
[25] EN
[54] **IMPROVED LOW PROFILE EARLESS CLAMP**
[54] **BANDE D'ATTACHE AMELIOREE SANS OREILLE A PROFIL BAS**
[72] OETIKER, Hans, CH
[73] HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK, CH
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[30] US (766,177) 1996-12-12
[30] US (60/020,763) 1996-06-28

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[13] C
[51] **Int.Cl. 6G02B 5/30**
[25] EN
[54] **HIGH-EFFICIENCY K-SHEET POLARIZER**
[54] **FILTRE POLARISANT A FEUILLE K D'EFFICACITE ELEVEE**
[72] TRAPANI, Giorgio B., US
[72] CAEL, John J., US
[72] KADABA, Narendra S., US
[72] BENNETT, Stewart, US
[73] POLAROID CORPORATION, US
[85] 1997-05-15
[86] 1996-11-15 (PCT/US96/18400)
[87] (WO97/21123)
[30] US (08/565,877) 1995-12-01

[11] **2,210,253**
[13] C
[51] **Int.Cl. 6B65G 47/252**
[25] EN
[54] **CONTACT LENS INVERTING APPARATUS AND METHOD**
[54] **SYSTEME D'INVERSION DE LA SURFACE DES LENTILLES DE CONTACT ET PROCEDE D'UTILISATION**
[72] MOOREHEAD, Michael, US
[73] BAUSCH & LOMB INCORPORATED, US
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[30] US (08/371,908) 1995-01-12

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[54] **DETERGENT COMPOSITION COMPRISING COMPOSITION DETERGENTE COMPRENANT DE LA ZEOLITE ET UNE ENZYME AMYLASE**
[72] WAUBEN, Johan Juliaan Serafin, BE
[72] CLARE, Jonathan Richard, GB
[72] BROWN, Carolyn Jayne, BE
[73] THE PROCTER & GAMBLE COMPANY, US
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[86] 1996-01-05 (PCT/US96/00281)
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[30] GB (9500738.1) 1995-01-14

[11] **2,211,328**
[13] C

[51] **Int.Cl. 6C11D 3/386 6C11D 3/22**
[25] EN
[54] **DETERGENT COMPOSITION COMPRISING AN AMYLASE ENZYME AND A NONIONIC POLYSACCHARIDE ETHER**
[54] **COMPOSITION DETERGENTE COMPRENANT UNE ENZYME AMYLASE ET UN ETHER DE POLYSACCHARIDE NON IONIQUE**
[72] HALL, Robin Gibson, GB
[72] GUEDIRA, Nour-Eddine, GB
[72] BAILLELY, Gerard Marcel, GB
[73] THE PROCTER & GAMBLE COMPANY, US
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[86] 1996-02-06 (PCT/US96/01646)
[87] (WO96/25478)
[30] GB (9502914.6) 1995-02-15

[11] **2,211,329**
[13] C

[51] **Int.Cl. 6C11D 3/39**
[25] EN
[54] **DETERGENT COMPOSITIONS COMPRISING MULTIPERACID-FORMING BLEACH ACTIVATORS**
[54] **COMPOSITIONS DETERGENTES COMPRENANT DES ACTIVEURS DE BLANCHIMENT ENTRAINANT LA FORMATION DE MULTIPERACIDES**
[72] SIVIK, Mark Robert, US
[72] KELLETT, Patti Jean, US
[72] MIRACLE, Gregory Scot, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-07-23
[86] 1996-01-30 (PCT/US96/01335)
[87] (WO96/23862)
[30] US (383,397) 1995-02-03

[11] **2,211,699**
[13] C

[51] **Int.Cl. 6G11C 11/15**
[25] EN
[54] **NONVOLATILE MAGNETORESISTIVE MEMORY WITH FULLY CLOSED-FLUX OPERATION**
[54] **MEMOIRE MAGNETORESISTIVE NON VOLATILE A FLUX INTEGRALEMENT FERME**
[72] TOROK, James, US
[72] SPITZER, Richard, US
[73] INTEGRATED MAGNETOELECTRONICS, US
[85] 1997-07-30
[86] 1996-02-08 (PCT/US96/01653)
[87] (WO96/25740)
[30] US (08/388,035) 1995-02-13

[11] **2,212,628**
[13] C

[51] **Int.Cl. 6E06B 9/17**
[25] EN
[54] **CURTAIN BOTTOM TENSIONING ASSEMBLY**
[54] **SYSTEME POUR TENDRE LE BAS D'UN RIDEAU**
[72] SCHULTE, Peter, US
[73] RITE-HITE CORPORATION, US
[85] 1997-08-08
[86] 1996-02-08 (PCT/US96/01794)
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[30] US (08/386,743) 1995-02-10
[30] US (08/437,853) 1995-05-09

[11] **2,212,661**
[13] C

[51] **Int.Cl. 6A47C 31/12**
[25] EN
[54] **BODY SUPPORT WITH ADAPTIVE PRESSURIZATION**
[54] **SUPPORT DU CORPS AVEC PRESSURISATION ADAPTATIVE**
[72] LU, Cindy Hongzheng, US
[72] CASSAR, Thomas J., US
[72] GROSS, Clifford J., US
[73] BCAM International, Inc., US
[85] 1997-08-05
[86] 1996-02-06 (PCT/US96/01554)
[87] (WO96/24276)
[30] US (08/384,103) 1995-02-06

[11] **2,213,358**
[13] C

[51] **Int.Cl. 6A61F 13/56**
[25] EN
[54] **DIAPER HAVING PLURAL UPSTANDING LEG CUFFS**
[54] **COUCHES A PLUSIEURS BRACELETS EN SAILLIE**
[72] ROE, Donald Carroll, US
[72] DREIER, Kimberly Ann, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-08-18
[86] 1996-02-14 (PCT/US96/01901)
[87] (WO96/26698)
[30] US (08/396,949) 1995-03-01

[11] **2,213,619**
[13] C

[51] **Int.Cl. 6H04B 7/00 6H04M 11/06 6H04B 1/74**
[25] EN
[54] **MINIATURE WIRELESS MODEM**
[54] **MODEM SANS FIL MINIATURE**
[72] LOWE, Peter R., US
[72] SMALL, Donald G., Jr., US
[73] HID CORPORATION, US
[22] 1997-08-22
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[13] C
[51] **Int.Cl. 6B65G 69/24 6E01D 1/00**
[25] EN
[54] **MAINTENANCE STRUT FOR DOCK LEVELER**
[54] **ETAI DE MAINTENANCE POUR APPAREIL DE MISE A NIVEAU**
[72] HAHN, Norbert, US
[73] RITE-HITE CORPORATION, US
[85] 1997-08-26
[86] 1996-02-27 (PCT/US96/02652)
[87] (WO96/27049)
[30] US (08/395,672) 1995-02-28

[11] **2,214,137**
[13] C
[51] **Int.Cl. 6B25B 27/00**
[25] EN
[54] **TOOL KIT FOR WORKING WHEEL BEARINGS**
[54] **TROUSSE D'OUTILS POUR ENTRETIEN DES ROULEMENTS DE ROUES**
[72] GOGUEN, Roland, CA
[73] GOGUEN, Roland, CA
[22] 1997-08-28

[11] **2,214,295**
[13] C
[51] **Int.Cl. 6E01C 5/06**
[25] EN
[54] **PRE-CAST RECTANGULAR COBBLESTONE**
[54] **PAVE RECTANGULAIRE MANUFACTURE**
[72] CICCARELLO, Charles, CA
[73] TECO-BLOC INC., CA
[22] 1997-08-29

[11] **2,214,509**
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[72] LEMCOFF, Norberto O., US
[72] FRONZONI, Mario A., US
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[72] HAAS, Albert, DE
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[73] Cable Television Laboratories, Inc., US
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FOULING IN AN IRRIGATION SYSTEM**
[54] **PROCEDE ET COMPOSITION
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[54] **PROCEDE DE PRE-EXPOSITION
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[72] DOBBS, Loura L., US
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[72] WRIGHT, Randall S., US
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[72] SNIDER, Michael L., US
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[73] CRANBERRY PROPERTIES, LLC, US
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[25] EN
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[73] RAILHEAD UNDERGROUND
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THE PREPARATION OF
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UTERUS, OVARY AND BREAST
[54] UTILISATION DE
FLAVANOLIGNANES DANS LA
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AYANT UNE ACTIVITE ANTI-
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[72] NAKAMURA, Ed, CA
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[54] SYSTEME DE COMMANDE A
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[54] ROULEAU A COMMANDE DE
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[25] FR
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[72] CAMPOS, Alain, FR
[73] L'OREAL, FR
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[54] **COMPOSE PHOTOCATALYSEUR ET PROCEDE DE PRODUCTION DE CE DERNIER**
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[72] LEPORE, GIUSEPPE P., CA
[72] PERSAUD, LALCHAN, CA
[73] UNIVERSITY TECHNOLOGIES INTERNATIONAL INC., CA
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[13] C

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[73] KOMLINE-SANDERSON LIMITED, CA
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[25] FR
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[54] **PROCESS FOR EVALUATING THE SENSITIZING AND/OR IRRITANT AND/OR ALLERGENIC NATURE OF A PRODUCT**
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[13] C

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[62] 2,092,495
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[13] C

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[25] EN
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[54] **DISPOSITIF DE COMMANDE ET DE SURVEILLANCE EN TEMPS REEL ET PROCEDE DE DECONTAMINATION EN PHASE VAPEUR AU PEROXYDE D'HYDROGENE**
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[72] SPARBER, George, US
[72] STEWART, Bonnie, US
[73] AMERICAN STERILIZER COMPANY, US
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[13] C

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[54] **CHENILLE POUR VEHICULE CHENILLE**
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[73] Trelleborg Viking AS, NO
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[54] **SYSTEME TRANSCUTANE SURSATURE POUR DISTRIBUTION DE MEDICAMENTS, ET PROCEDES DE FABRICATION ASSOCIES**
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[72] FARINAS, Kathleen C., US
[72] SONI, Pravin L., US
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[13] C

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[25] EN
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[54] **VOIE D'ECOULEMENT POUR AGENT DE REFROIDISSEMENT DANS UNE AUBE MOBILE DE TURBINE**
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[72] CHIKAMI, Rintaro, JP
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[72] HIRSCH, Mark J., US
[72] SCHANK, Richard L., US
[72] SCHARFE, Merlin E., US
[72] GUTMAN, Edward J., US
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[72] LAING, John R., US
[72] VANDUSEN, John G., US
[72] HEEKS, George J., US
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[73] XEROX CORPORATION, US
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[72] FORREST, Ronald, US
[73] CHURCH & DWIGHT COMPANY,
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[25] EN
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[54] **POLYMORPHES DU
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[72] ALLEN, Douglas J. M., US
[72] McGARRY, James J., US
[72] NORRIS, Timothy, US
[73] PFIZER INC., US
[85] 1998-02-24
[86] 1996-07-05 (PCT/IB96/00653)
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[30] US (60/005,109) 1995-08-29

[11] **2,231,171**
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[51] Int.Cl. 6C25B 13/04
[25] EN
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ALKALI DIAPHRAGM**
[54] **DIAPHRAGME COMBINE DE
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AMIANTE**
[72] MARTIN, Charles W., US
[72] AIKMAN, Robert E., Jr., US
[72] GROSS, John W., Sr., US
[72] ZABASAJJA, John N., US
[73] THE DOW CHEMICAL COMPANY,
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[51] Int.Cl. 6H04M 3/42
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[54] **SYSTEME DE COMMUNICATION
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[72] JAIN, Ajay, US
[73] AT&T CORP., US
[22] 1998-03-19
[30] US (08/848,457) 1997-05-08

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[51] Int.Cl. 6E06B 1/06 6E06B 1/34 6E04B
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[25] EN
[54] **WOOD ROT PREVENTING WOOD
CASING END GRAIN MOISTURE
BARRIER ASSEMBLY AND METHOD**
[54] **DISPOSITIF COMPORTANT UNE
BARRIERE ETANCHE A L'HUMIDITE
POUR LES VEINES D'EXTREMITE DES
CADRES DE BOIS EMPECHANT LA
POURRITURE DU BOIS ET METHODE
D'UTILISATION DE CE DISPOSITIF**
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[22] 1998-03-30
[30] US (08/953,243) 1997-10-17

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[51] Int.Cl. 6B61F 5/04
[25] EN
[54] **IMPROVED BOLSTER LAND
ARRANGEMENT FOR A RAILCAR
TRUCK**
[54] **DISPOSITIF AMELIORE D'APPUI
DE LA TRAVERSE PIVOT POUR
BOGIE DE CHEMIN DE FER**
[72] MOEHLING, Charles, US
[72] SPENCER, Charles P., US
[72] PITCHFORD, Terry L., US
[72] HAWTHORNE, V. Terrey, US
[73] AMSTED INDUSTRIES
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[30] US (08/850,178) 1997-05-02

[11] **2,234,387**
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[51] Int.Cl. 6H04N 7/32
[25] EN
[54] **IMAGE SIGNAL CODING SYSTEM**
[54] **SYSTEME DE CODAGE DE
SIGNAL D'IMAGE**
[72] MURAKAMI, Tokumichi, JP
[72] ASAI, Kohtaro, JP
[72] YAMADA, Yoshihisa, JP
[72] NISHIKAWA, Hirofumi, JP
[73] MITSUBISHI DENKI KABUSHIKI
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[22] 1992-10-21
[62] 2,081,065
[30] JP (273843/1991) 1991-10-22
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[13] C

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[25] EN
[54] **IMAGE SIGNAL CODING SYSTEM**
[54] **SYSTEME DE CODAGE DE**
SIGNAL D'IMAGE
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[72] ASAI, Kohtaro, JP
[72] NISHIKAWA, Hirofumi, JP
[72] YAMADA, Yoshihisa, JP
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[51] **Int.Cl. 6B29C 49/58 6B29C 49/60**
[25] EN
[54] **METHOD FOR BLOW-MOLDING**
HOLLOW CONTAINER AND BLOW
AIR CYLINDER
[54] **PROCEDE DE MOULAGE PAR**
SOUFFLAGE DE RECIPIENTS CREUX
ET DISPOSITIF D'INJECTION D'AIR
ASSOCIE
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[72] BOST, John, US
[73] TELEDYNE INDUSTRIES, INC., US
[85] 1998-04-24
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[25] EN
[54] **COOLED SHROUD OF GAS**
TURBINE STATIONARY BLADE
[54] **ENVELOPPE DE**
REFROIDISSEMENT POUR TURBINE
A GAZ A AUBAGE FIXE
[72] SUENAGA, Kiyoshi, JP
[72] FUKUNO, Hiroki, JP
[72] MURATA, Hideki, JP
[72] TOMITA, Yasuoki, JP
[73] MITSUBISHI HEAVY INDUSTRIES,
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[51] **Int.Cl. 6F17D 1/05**
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[54] **PROCEDE DE CHAUFFAGE PAR**
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[72] METZ, Michael C., US
[72] WHITMORE, Ward A., US
[73] YUKON PACIFIC CORPORATION,
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[54] **MACHINE ET METHODE DE**
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[25] EN
[54] **SQUIB CONNECTOR SOCKET**
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FOR AUTOMOTIVE AIR BAGS
[54] **ENSEMBLE DOUILLE**
CONNECTEUR D'AMORCE
PRESENTANT UNE PINCE DE MISE EN
COURT-CIRCUIT, ET DESTINE A DES
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[73] THOMAS & BETTS
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[11] **2,235,644**
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[51] **Int.Cl. 6F16D 65/10**
[25] EN
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[54] **MONTAGE D'UN TAMBOUR DE**
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[72] PETE, Reginal A., US
[72] CLARK, Jeffrey W., US
[73] Gunit Corporation, US
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6G01F 1/68
[25] EN
[54] **ROOM TEMPERATURE**
CONTROL APPARATUS HAVING
FEEDFORWARD AND FEEDBACK
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[54] **APPAREIL DE CONTROLE DE**
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[72] AHMED, Osman, US
[72] KLEIN, Sanford A., US
[72] MITCHELL, John W., US
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[54] **DISPERSION DE PATE VEGETALE DANS DU BETON ET SON UTILISATION**
[72] SOROUSHIAN, Parviz, US
[72] HSU, Jer-Wen, US
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[85] 1998-05-14
[86] 1996-11-15 (PCT/US96/18363)
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[30] US (08/558,847) 1995-11-15

[11] **2,238,223**
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[25] EN
[54] **APPARATUS FOR CONTROLLING CLOSING MOTION OF VEHICULAR SLIDING DOOR**
[54] **MECANISME COMMANDANT LA FERMETURE DE PORTIERES COULISSANTES DE VEHICULES**
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[72] NISHIMURA, Narumichi, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1998-05-21
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[11] **2,238,509**
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[51] **Int.Cl. 6H04M 11/06**
[25] EN
[54] **ARRANGEMENT FOR DATA TRANSMISSION UPON UTILIZATION OF THE TELEPHONE NETWORK**
[54] **MONTAGE PERMETTANT LA TRANSMISSION DE DONNEES LORS DE L'UTILISATION DU RESEAU TELEPHONIQUE**
[72] BRAUN, Martin, DE
[72] HILSCHER, Ira, DE
[72] RUDOLF, Hans-Werner, DE
[72] KLOPPE, Karl, DE
[72] AHRNDT, Thomas, DE
[72] BINDE, Stephan, DE
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[51] **Int.Cl. 6D04H 1/54 6A61F 13/15**
[25] EN
[54] **WEB MATERIALS HAVING ELASTIC-LIKE AND EXPANSIVE ZONES**
[54] **BANDE DE MATERIAU AYANT UNE ZONE ELASTIQUE ET UNE ZONE EXTENSIBLE**
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[72] CURRO, John Joseph, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-06-03
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[87] (WO97/20531)
[30] US (08/566,471) 1995-12-04

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[51] **Int.Cl. 6G03G 15/20**
[25] EN
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[54] **ELEMENT FIXEUR COMPORTANT UNE COUCHE DE POLYMER ET DE COMPOSE ZINCIQUE**
[72] KAPLAN, Samuel, US
[72] MALIBORSKI, James B., US
[72] EDDY, Clifford O., US
[72] HENRY, Arnold W., US
[72] CHOW, Che C., US
[73] XEROX CORPORATION, US
[22] 1998-06-05
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[11] **2,240,594**
[13] C
[51] **Int.Cl. 6C07D 487/04 6A61K 31/495**
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[54] **2,7-SUBSTITUTED OCTAHYDRO-PYRROLO-1,2-A|PYRAZINE DERIVATIVES**
[54] **DERIVES DE 2,7-OCTAHYDRO SUBSTITUE-PYRROLO-1,2-A|PYRAZINE**
[72] SANNER, Mark A., US
[73] PFIZER INC., US
[85] 1998-06-15
[86] 1996-11-06 (PCT/IB96/01192)
[87] (WO97/23482)
[30] US (60/008,988) 1995-12-21

[11] **2,240,758**
[13] C
[51] **Int.Cl. 6E05D 5/02 6E05D 15/08**
[25] EN
[54] **MOUNTING FOR A DOOR LEAF**
[54] **DISPOSITIF DE MONTAGE POUR BATTANT DE PORTE**
[72] MARINONI, Mario, IT
[73] SOCIETA ITALIANA PROGETTI S.R.L., IT
[85] 1998-06-18
[86] 1996-12-16 (PCT/EP96/05655)
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[30] DE (295 20 472.9) 1995-12-22
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[51] **Int.Cl. 6C07C 15/24 6C07C 6/12 6C08G 63/189 6C07C 2/66**
[25] EN
[54] **PROCESS FOR PREPARING DIALKYLNAPHTHALENE**
[54] **PROCEDE DE PREPARATION DE DIALKYLNAPHTHALENES**
[72] MOTOYUKI, Masahiro, JP
[72] McWILLIAMS, John Paul, US
[72] YAMAMOTO, Koji, JP
[72] SAPRE, Ajit Vishwanath, US
[73] MOBIL OIL CORPORATION, US
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[22] 1998-06-25
[30] US (08/887,052) 1997-07-02

[11] **2,241,665**
[13] C
[51] **Int.Cl. 6H04M 11/06**
[25] EN
[54] **APPARATUS AND METHOD FOR CALLED-PARTY TELEPHONE MESSAGING WHILE INTERCONNECTED TO A DATA NETWORK**
[54] **APPAREIL ET METHODE PERMETTANT A UN APPEL DE TRANSMETTRE UN MESSAGE TELEPHONIQUE SANS QUITTER UN RESEAU DE DONNEES**
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[73] AT&T CORP., US
[22] 1998-06-25
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[72] DODD, Michael Thomas, US
[72] RANEY, David Junior, US
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[13] C

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[54] **DISPOSITIF A BOBINE DE CHAUFFAGE POUR PRODUIT EN BANDE UTILISANT DES SOURCES D'ALIMENTATION EN SERIE**
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[72] LOVELESS, Don L., US
[73] INDUCTOTHERM CORP., US
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[11] **2,244,342**
[13] C

[51] **Int.Cl. 6G01V 5/10 6G01N 15/08**
[25] EN
[54] **A METHOD AND APPARATUS FOR MEASURING WELL CHARACTERISTICS AND FORMATION PROPERTIES**
[54] **METHODE ET INSTRUMENT DE DETERMINATION DES CARACTERISTIQUES D'UN PUIT ET DES PROPRIETES DE LA FORMATION EXPLOITEE**
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[72] SCOTT, Hugh D., US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[11] **2,246,180**
[13] C

[51] **Int.Cl. 6G01V 3/32**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING NUCLEAR MAGNETIC RESONANCE**
[54] **APPAREIL ET METHODE DE MESURE PAR RESONANCE MAGNETIQUE NUCLEAIRE**
[72] SUN, Boqin, US
[72] SEN, Pabitra N., US
[72] TAHERIAN, Reza, US
[72] SEZGINER, Abdurrahman, US
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[51] **Int.Cl. 6G06F 3/14 6G06F 17/30**
[25] EN
[54] **QUERYING AND NAVIGATING CHANGES IN WEB REPOSITORIES**
[54] **MODIFICATIONS CONCERNANT L'INTERROGATION ET LA NAVIGATION DANS LES ORGANES D'ARCHIVAGE DU WEB**
[72] CHEN, Yih-Farn Robin, US
[72] DOUGLIS, Frederick, US
[72] KOUTSOFIOS, Eleftherios, US
[72] BALL, Thomas J., US
[73] AT&T CORP., US
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[86] 1997-02-18 (PCT/US97/02407)
[87] (WO97/31319)
[30] US (S.N. 60/012,151) 1996-02-23
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[11] **2,247,484**
[13] C

[51] **Int.Cl. 6E01C 13/08 6A63C 19/00**
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[73] FIELDTURF HOLDINGS INC., CA
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[11] **2,247,570**
[13] C

[51] **Int.Cl. 6C25B 15/08 6C25B 1/08**
[25] EN
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[54] **GENERATEUR D'OXYGENE ET D'HYDROGENE**
[72] LIN, Wen Chang, TW
[73] MACHINE ENTERPRISE CO., LTD., TW
[22] 1998-09-15

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[13] C

[51] **Int.Cl. 6H04B 7/04 6H04L 1/22**
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[54] **SYSTEME ET METHODE DE COMMUNICATION A ANTENNES MULTIPLES**
[72] MARZETTA, Thomas Louis, US
[72] HOCHWALD, Bertrand M., US
[73] LUCENT TECHNOLOGIES INC., US
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[11] **2,247,743**
[13] C

[51] **Int.Cl. 6G01V 7/00**
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[54] **OUTIL GRAVIMETRIQUE DE PUIT**
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[51] Int.Cl. 6B29C 45/16
[25] EN
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[54] DISPOSITIF DE MOULAGE PAR INJECTION UTILISE POUR MOULER DES ARTICLES MULTICOUCHES ET METHODE UTILISEE POUR LE MOULAGE PAR INJECTION D'ARTICLES MULTICOUCHES
[72] OTA, Takao, JP
[72] MARUYAMA, Katsuya, JP
[72] TERADA, Yoshihiro, JP
[72] HARA, Takeshi, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
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[13] C

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[25] EN
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[54] DISPOSITIF DE MONTAGE DE ROBINET
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[72] KHATCHADOURIAN, Varouj, CA
[73] CONSOLEQUIP INC., CA
[22] 1998-10-05

[11] 2,254,201
[13] C

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[25] EN
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[72] MAJKOVIC, Davor, CA
[73] SMITH INTERNATIONAL CANADA, LTD., CA
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[13] C

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[54] ALARME MINIATURE PORTABLE
[72] DEVINE, James Brian Paul, CA
[73] DEVINE, James Brian Paul, CA
[22] 1998-12-02

[11] 2,255,504
[13] C

[51] Int.Cl. 6E05D 15/38 6E06B 3/44
[25] EN
[54] IMPROVED HINGE AND PANEL SURFACE GEOMETRY OF A MULTI-PANEL DOOR ASSEMBLY
[54] GEOMETRIE AMELIOREE DES CHARNIERES ET DES PANNEAUX POUR PORTE MULTI-PANNEAUX
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[72] ROBERTSON, Gregory D., US
[72] BATES, Bruce N., US
[73] WINDSOR DOOR, INC., US
[22] 1998-12-10

[11] 2,257,584
[13] C

[51] Int.Cl. 6H04R 7/02 6H04R 1/44 6G01S 7/523
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[54] SYSTEME DE TRANSDUCTEUR ACOUSTIQUE
[72] KLOTZ-ENGMANN, Gerold, DE
[72] FLOGEL, Karl, DE
[72] PFEIFFER, Helmut, DE
[73] ENDRESS + HAUSER GMBH + CO., DE
[22] 1998-12-29
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[11] 2,257,740
[13] C

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[25] EN
[54] METHOD AND APPARATUS OF COLUMN REDUNDANCY FOR NON-VOLATILE ANALOG AND MULTILEVEL MEMORY INTEGRATED CIRCUITS
[54] METHODE ET APPAREIL DE REDONDANCE DE COLONNE POUR CIRCUITS INTEGRES A MEMOIRE ANALOGIQUE ET MULTINIVEAU NON VOLATILE
[72] VAN TRAN, Hieu, US
[72] BRENNAN, James Jr., US
[73] INFORMATION STORAGE DEVICES, INC., US
[22] 1999-01-06
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[13] C

[51] Int.Cl. 6G01N 3/20 6G01N 33/34
[25] EN
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[54] ESSAI DE RESISTANCE DYNAMIQUE DE MANDRINS DE CARTON
[72] VAN DE CAMP, Johannes W., NL
[72] TAYLOR, Dennis, US
[72] STAPLES, John Freeman, US
[72] LYLES, Steve, US
[72] STEPHENS, Jason T., US
[73] SONOCO PRODUCTS COMPANY, US
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[30] US (09,106,243) 1998-06-29

[11] 2,261,732
[13] C

[51] Int.Cl. 6C07H 17/08
[25] EN
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[54] PREPARATION DE LA FORME CRISTALLINE II DE LA CLARITHROMYCINE
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[72] RILEY, David A., US
[73] ABBOTT LABORATORIES, US
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[86] 1997-07-28 (PCT/US97/13166)
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[30] US (08/681,695) 1996-07-29
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[13] C

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[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZED STORAGE AND RETRIEVAL OF DATA ON A DISTRIBUTED COMPUTER NETWORK**
[54] **SYSTEME ET PROCEDE D'OPTIMISATION DU STOCKAGE ET DE L'EXTRACTION DE DONNEES SUR UN RESEAU REPARTI D'ORDINATEURS**
[72] KARUSH, Arnold, US
[72] KENNER, Brian, US
[73] INTERVU, INC., US
[85] 1999-04-16
[86] 1997-10-20 (PCT/US97/19468)
[87] (WO98/18076)
[30] US (08/733,516) 1996-10-18

[11] **2,271,376**
[13] C

[51] **Int.Cl. 6B65H 75/40**
[25] EN
[54] **CONSTRUCTION LINE HOLDER SUPPORT DE LIGNE DE CONSTRUCTION**
[72] CAMPANA, Vincent, US
[73] CAMPANA, Vincent, US
[22] 1999-05-10
[30] US (09/076,035) 1998-05-12

[11] **2,275,954**
[13] C

[51] **Int.Cl. 6B25B 25/00 6B25B 7/12**
[25] FR
[54] **SYSTEME DE TELEMANIPULATION D'UN OUTILLAGE PARTICULIEREMENT ADAPTE AUX COLLIERS ELASTIQUES**
[54] **SYSTEM FOR THE REMOTE HANDLING OF EQUIPMENT PARTICULARLY ADAPTED TO ELASTIC RINGS**
[72] GILLET, PASCAL, FR
[72] PETIT, FABRICE, FR
[73] GILLET OUTILLAGE, FR
[85] 1999-06-17
[86] 1997-12-16 (PCT/FR97/02311)
[87] (WO98/26904)
[30] FR (96/16083) 1996-12-19

[11] **2,276,624**
[13] C

[51] **Int.Cl. 6G05D 21/02**
[25] EN
[54] **ON-LINE CONTROL OF A CHEMICAL PROCESS PLANT**
[54] **CONTROLE EN DIRECT DANS UNE INSTALLATION DE TRAITEMENT CHIMIQUE**
[72] LONG, ROBERT L., US
[72] MCDONALD, MICHAEL F., US
[72] THOMAS, CARL J., US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 1999-06-29
[86] 1997-12-31 (PCT/US97/23734)
[87] (WO98/29787)
[30] US (60/034,614) 1996-12-31

[11] **2,278,187**
[13] C

[51] **Int.Cl. 6H01B 3/30 6H01B 7/28**
[25] EN
[54] **ELECTRICAL CONDUCTORS COATED WITH CORONA-RESISTANT, MULTILAYER INSULATION SYSTEM**
[54] **CONDUCTEURS ELECTRIQUES REVETUS D'UN SYSTEME D'ISOLATION MULTICOUCHE A RESISTANCE CORONA**
[72] HAKE, JOHN E., US
[72] METZLER, DAVID A., US
[73] REA MAGNET WIRE COMPANY, INC., US
[85] 1999-07-19
[86] 1997-12-23 (PCT/US97/23821)
[87] (WO98/33190)
[30] US (08/788,219) 1997-01-27

[11] **2,280,904**
[13] C

[51] **Int.Cl. 6H01L 21/288 6H01L 21/60**
[25] EN
[54] **METHODS FOR FORMING A STRUCTURED METALLIZATION ON A SEMICONDUCTOR WAFER**
[54] **TECHNIQUES POUR CREER UNE METALLISATION STRUCTUREE SUR UNE PLAQUETTE DE SEMI-CONDUCTEUR**
[72] ASCHENBRENNER, ROLF, DE
[72] AZDASHT, GHASSEM, DE
[72] ZAKEL, ELKE, DE
[72] MOTULLA, GERALD, DE
[72] OSTMANN, ANDREAS, DE
[73] PAC TECH - PACKAGING TECHNOLOGIES GMBH, DE
[85] 1999-08-10
[86] 1998-02-13 (PCT/EP98/00826)
[87] (WO98/36448)
[30] DE (197 05 745.4) 1997-02-14

[11] **2,285,266**
[13] C

[51] **Int.Cl. 6A61K 31/71 6A61K 9/22**
[25] EN
[54] **EXTENDED RELEASE FORMULATIONS OF ERYTHROMYCIN DERIVATIVES**
[54] **FORMULATIONS A LIBERATION PROLONGEE DE DERIVES D'ERYTHROMYCINE**
[72] AL-RAZZAK, LAMAN A., US
[72] MILMAN, NELLY, US
[72] CRAMPTON, SHERI L., US
[72] GUSTAVSON, LINDA E., US
[72] HUI, HO-WAH, US
[72] SEMLA, SUSAN J., US
[73] ABBOTT LABORATORIES, US
[85] 1999-09-30
[86] 1998-03-06 (PCT/US98/04373)
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[30] US (08/838,900) 1997-04-11

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[13] C
[51] **Int.Cl. 7H04R 1/04**
[25] EN
[54] **AN ELECTRICAL CONTACT FREE MICROPHONE ATTACHMENT FOR A FLIP-TYPE RADIO PHONE**
[54] **MICROPHONE A RACCORDÉMENT SANS CONTACT ELECTRIQUE POUR APPAREIL TELEPHONIQUE RADIO DU TYPE A RABAT**
[72] LEE, KANG HOON, KR
[72] CHOEN, KYUNG JUN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 1999-11-23
[86] 1997-12-09 (PCT/KR97/00262)
[87] (WO98/54925)
[30] KR (1997/21214) 1997-05-28

[11] **2,291,604**
[13] C
[51] **Int.Cl. 7B65D 85/34**
[25] EN
[54] **DISPLAY PACKAGING FOR FRUITS OR VEGETABLES**
[54] **EMBALLAGE DE PRESENTATION POUR FRUITS OU LEGUMES**
[72] FLYNN, EMMETT M., CA
[73] FLYNN PRODUCE LTD., CA
[22] 1999-12-01

[11] * **2,296,185**
[13] C
[51] **Int.Cl. 7H04N 7/15 7H04L 12/18 7H04M 3/56**
[25] EN
[54] **SYSTEM FOR CALL REQUEST WHICH RESULTS IN FIRST AND SECOND CALL HANDLE DEFINING CALL STATE CONSISTING OF ACTIVE OR HOLD FOR ITS RESPECTIVE AV DEVICE**
[54] **SYSTEME DE DEMANDE D'APPEL QUI RESULTE EN UN PREMIER ET UN DEUXIEME TRAITEMENT D'APPEL DEFINISSANT L'ETAT DE L'APPEL ET CONSISTANT EN UN APPEL ACTIF OU EN ATTENTE POUR LES DISPOSITIFS AV RESPECTIFS**
[72] BURNETT, GERALD J., US
[72] BURNS, EMMETT R., US
[72] LUDWIG, LESTER F., US
[72] LANTZ, KEITH A., US
[72] LAUWERS, J. CHRIS, US
[73] COLLABORATION PROPERTIES, INC., US
[22] 1994-10-03
[62] 2,173,209
[30] US (08/131,523) 1993-10-01

[11] * **2,296,187**
[13] C
[51] **Int.Cl. 7H04N 7/15 7H04L 12/18 7H04M 3/56**
[25] EN
[54] **SYNCHRONIZATION IN VIDEO CONFERENCING**
[54] **SYNCHRONISATION DE CONFERENCE VIDEO**
[72] LAUWERS, J. CHRIS, US
[72] LUDWIG, LESTER F., US
[72] LANTZ, KEITH A., US
[72] BURNETT, GERALD J., US
[72] BURNS, EMMETT R., US
[73] COLLABORATION PROPERTIES, INC., US
[22] 1994-10-03
[62] 2,173,209
[30] US (08/131,523) 1993-10-01

[11] * **2,296,189**
[13] C
[51] **Int.Cl. 7H04N 7/15 7H04L 12/18 7H04M 3/56**
[25] EN
[54] **SYSTEM FOR TELECONFERENCING IN WHICH COLLABORATION TYPES AND PARTICIPANTS BY NAMES OR ICONS ARE SELECTED BY A PARTICIPANT OF THE TELECONFERENCE**
[54] **SYSTEME DE TELECONFERENCE DANS LEQUEL LES TYPES DE COLLABORATION, DES NOMS DE PARTICIPANTS OU DES ICONES SONT SELECTIONNES PAR UN PARTICIPANT DE LA TELECONFERENCE**
[72] BURNS, EMMETT R., US
[72] BURNETT, GERALD J., US
[72] LAUWERS, J. CHRIS, US
[72] LUDWIG, LESTER F., US
[72] LANTZ, KEITH A., US
[73] COLLABORATION PROPERTIES, INC., US
[22] 1994-10-03
[62] 2,173,209
[30] US (08/131,523) 1993-10-01

[11] **2,296,751**
[13] C
[51] **Int.Cl. 7A63C 13/00**
[25] EN
[54] **SNOWSHOE WITH INTEGRALLY MOLDED AND SUPPORTED HINGE PIN**
[54] **RAQUETTE A NEIGE AVEC AXE D'ARTICULATION MOULE ET SUPPORTE INTEGRALEMENT**
[72] WATSON, JIM, US
[73] LITTLE BEAR SNOWSHOE COMPANY, LLC, US
[22] 2000-02-07
[30] US (09/259,712) 1999-03-01

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[13] C

[51] **Int.Cl. 6D06F 37/04 6D06F 45/02**
[25] EN
[54] **DRUM WASHER-DRIER WHICH
REDUCES VIBRATION TO FLOOR
AND OPERATING METHOD THEREOF**
[54] **LAVEUSE-SECHEUSE A
TAMBOUR AVEC TRANSMISSION
REDUITE DES VIBRATIONS AU
PLANCHER ET METHODE DE
FONCTIONNEMENT**
[72] ANDO, MASARU, JP
[72] NOGUCHI, TAKEO, JP
[73] SHARP KABUSHIKI KAISHA, JP
[22] 1997-01-29
[62] 2,196,262
[30] JP (8-015216) 1996-01-31
[30] JP (8-073821) 1996-03-28
[30] JP (9-012362) 1997-01-27

[11] **2,321,432**
[13] C

[51] **Int.Cl. 7B65D 25/46**
[25] EN
[54] **APPARATUS FOR, AND METHOD
OF, INSERTION OF A NINETY DEGREE
POURING SPOUT INTO A CONTAINER**
[54] **BEC VERSEUR PIVOTANT A 90 1/2**
[72] BRUCKER, ROBERT J., US
[73] SEAL SPOUT CORPORATION, US
[22] 1995-11-01
[62] 2,212,724
[30] US (08/394,436) 1995-02-24

[11] **2,310,184**
[13] C

[51] **Int.Cl. 7B66B 11/04**
[25] EN
[54] **TRACTION SHEAVE ELEVATOR,
HOISTING UNIT AND MACHINE
SPACE**
[54] **ESPACE POUR MECANISME
D'ENTRAINEMENT ET ENSEMBLE DE
LEVAGE D'ELEVATEUR A REA DE
TRACTION**
[72] AULANKO, ESKO, FI
[72] MUSTALAHTI, JORMA, FI
[72] HAKALA, HARRI, FI
[73] KONE Oy, FI
[22] 1995-05-02
[62] 2,148,423
[30] FI (FI 942062) 1994-05-04

[11] **2,312,089**
[13] C

[51] **Int.Cl. 7B05C 17/005**
[25] EN
[54] **CAULKING ACCESSORY**
[54] **ACCESSOIRE DE CALFEUTRAGE**
[72] DEWBERRY, ANDREW TERRANCE
KEVIN, CA
[73] VANCOUVER TOOL
CORPORATION, CA
[22] 2000-06-20
[30] US (09/342,658) 1999-06-29

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[21] **2,293,856**
[13] A1

[51] **Int.Cl. 7A63H 3/36 7G01S 17/02**
[25] EN
[54] **INTERACTIVE DRESS-UP TOY**
[54] **JOUET A VETIR INTERACTIF**
[72] CHAN, ALBERT WAI, CN
[71] THINKING TECHNOLOGY INC., BS
[22] 2000-01-04
[43] 2001-07-04

[21] **2,293,905**
[13] A1

[51] **Int.Cl. 7A47C 23/14**
[25] EN
[54] **MATTRESS WITH INTERACTIVE ELASTIC ELEMENTS**
[54] **MATELAS AVEC ELEMENTS ELASTIQUES INTERACTIFS**
[72] GANDOLFI, STEFANO, IT
[71] ESPERIDES S.R.L., IT
[22] 2000-01-04
[43] 2001-07-04

[21] **2,293,949**
[13] A1

[51] **Int.Cl. 7A63C 11/22**
[25] EN
[54] **IMPROVEMENT ON SKI POLE**
[54] **BATON DE SKI AMELIORE**
[72] YU, KUO-PIN, TW
[71] YU, KUO-PIN, TW
[22] 2000-01-05
[43] 2001-07-05

[21] **2,293,857**
[13] A1

[51] **Int.Cl. 7G01B 7/30**
[25] EN
[54] **SENSOR FOR SENSING ABSOLUTE ANGULAR POSITION OF CYLINDRICAL OBJECT**
[54] **CAPTEUR POUVANT DECELER LA POSITION ANGULAIRE ABSOLUE D'UN OBJET CYLINDRIQUE**
[72] LI, HUI, CA
[71] LI, HUI, CA
[22] 2000-01-04
[43] 2001-07-04

[21] **2,293,914**
[13] A1

[51] **Int.Cl. 7A63F 7/07**
[25] EN
[54] **MAGNETIC TABLE TOP GAME**
[54] **JEU DE TABLE MAGNETIQUE**
[72] BIALLER, VALERI V., CA
[71] FAST, RICHARD, CA
[72] BATES, FRED, CA
[72] ELENT, FELIX, CA
[72] RODIONOV, MIKHAIL A., CA
[72] ELENT, MICHAEL S., CA
[71] TURBO HOCKEY INC., CA
[22] 2000-01-05
[43] 2001-07-05

[21] **2,293,950**
[13] A1

[51] **Int.Cl. 7A63B 59/14**
[25] EN
[54] **IMPROVEMENT ON HOCKEY STICK**
[54] **BATON DE HOCKEY AMELIORE**
[72] YU, KUO-PIN, TW
[71] YU, KUO-PIN, TW
[22] 2000-01-05
[43] 2001-07-05

[21] **2,293,882**
[13] A1

[51] **Int.Cl. 7A63H 30/00 7H02K 7/14**
[25] EN
[54] **PHYSICALLY INTERACTIVE ELECTRONIC TOYS**
[54] **JOUETS ELECTRONIQUES QUI INTERAGISSENT PHYSIQUEMENT AVEC L'UTILISATEUR**
[72] CHAN, ALBERT WAI, CN
[71] THINKING TECHNOLOGY INC., BS
[22] 2000-01-04
[43] 2001-07-04

[21] **2,293,948**
[13] A1

[51] **Int.Cl. 7B65H 75/38 7H02J 3/00 7B60R 16/02**
[25] EN
[54] **VEHICLE EXTERNAL ELECTRIC SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE EXTERNE POUR VEHICULE**
[72] JACKSON, MICHAEL D., US
[71] JACKSON, MICHAEL D., US
[22] 2000-01-05
[43] 2001-07-05

[21] **2,293,953**
[13] A1

[51] **Int.Cl. 7G06F 7/48**
[25] EN
[54] **A METHOD AND SYSTEM FOR IMPLEMENTING A COPROCESSOR**
[54] **METHODE ET SYSTEME DE MISE EN OEUVRE D'UN COPROCESSEUR**
[72] KHMELNIK, SOLOMON, IL
[71] IPROS CORPORATION, CA
[22] 2000-01-05
[43] 2001-07-05

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[21] 2,293,958
[13] A1
[51] Int.Cl. 7E02F 3/32
[25] EN
[54] **DEVICE AND PROCESS FOR EXCAVATING AND BACKFILLING OF SOIL**
[54] **DISPOSITIF ET METHODE D'EXCAVATION ET DE REMBLAYAGE DU SOL**
[72] SIMONS, DIETER, DE
[71] HEBER, KARL-OTTO, DE
[71] WIRTGEN GMBH, DE
[22] 2000-01-06
[43] 2001-07-06

[21] 2,293,972
[13] A1
[51] Int.Cl. 7A63H 33/28
[25] EN
[54] **STRUCTURE OF BUBBLE BLOWING TOY**
[54] **STRUCTURE D'UN JOUET POUR FAIRE DES BULLES DE SAVON**
[72] LIN, MON-SHENG, TW
[71] LIN, MON-SHENG, TW
[22] 2000-01-05
[43] 2001-07-05

[21] 2,293,973
[13] A1
[51] Int.Cl. 7D05C 7/02 7D06Q 1/00
[25] EN
[54] **PROCESS AND CONFIGURATION OF PROTRUDING EMBROIDERY**
[54] **PROCESSUS ET CONFIGURATION DE BRODERIE EN RELIEF**
[72] CHOU, MING-CHIN, TW
[72] LIN, CHIEN-LU, TW
[71] CHOU, MING-CHIN, TW
[71] LIN, CHIEN-LU, TW
[22] 2000-01-06
[43] 2001-07-06

[21] 2,293,979
[13] A1
[51] Int.Cl. 7A63B 63/00
[25] EN
[54] **IMPROVED SPORTS TARGETING SYSTEM**
[54] **PROCEDE AMELIORE D'ETABLISSEMENT DE CIBLES SPORTIVES**
[72] HENSON, SCOTT C., CA
[71] HENSON, SCOTT C., CA
[22] 2000-01-07
[43] 2001-07-07

[21] 2,293,980
[13] A1
[51] Int.Cl. 7G01J 3/18 7G01J 3/447
[25] EN
[54] **OPTICAL SPECTRUM ANALYZER**
[54] **ANALYSEUR OPTIQUE DU SPECTRE**
[72] SCHINN, GREGORY WALTER, CA
[72] HE, GANG, CA
[72] GARIÉPY, DANIEL, CA
[71] SCHINN, GREGORY WALTER, CA
[71] HE, GANG, CA
[71] GARIÉPY, DANIEL, CA
[22] 2000-01-07
[43] 2001-07-07

[21] 2,293,986
[13] A1
[51] Int.Cl. 7B28C 7/04
[25] EN
[54] **SYSTEM FOR THE CONTROLLED PRODUCTION OF CONCRETE FROM MOBILE CONCRETE MIXER TRUCKS**
[54] **PROCEDE POUR LA PRODUCTION SOUS CONTROLE DE BETON A PARTIR D'UNE BETONNIERE MOBILE**
[72] CHAPDELAIN, FRÉDÉRIC, CA
[72] BEAUPRÉ, DENIS, CA
[72] CHARTRAND, ROMAIN, CA
[71] UNIVERSITÉ LAVAL, CA
[22] 2000-01-07
[43] 2001-07-07

[21] 2,293,989
[13] A1
[51] Int.Cl. 7H04L 9/32
[25] EN
[54] **DISTRIBUTED SUBSCRIBER MANAGEMENT**
[54] **GESTION REPARTIE D'ABONNES**
[72] SKEMER, TERRY, CA
[71] SEDONA NETWORKS CORPORATION, CA
[22] 2000-01-07
[43] 2001-07-07

[21] 2,293,992
[13] A1
[51] Int.Cl. 6C12N 15/82 6A01H 4/00 6A01H 5/00 6C12N 5/04
[25] EN
[54] **PRODUCTION OF TRANSGENIC POINSETTIA**
[54] **PRODUCTION D'UN POINSETTIA TRANGENIQUE**
[72] CHOU, TAU-SAN, US
[72] EISENREICH, ROBERT, US
[72] VAN ECK, JOYCE, US
[72] BLOWERS, ALAN, US
[72] SANFORD, JOHN, US
[72] SMITH, FRANZINE, US
[71] SANFORD SCIENTIFIC, INC., US
[22] 2000-01-07
[43] 2001-07-07

[21] 2,293,995
[13] A1
[51] Int.Cl. 6C21D 8/10 6C21D 7/00 6B21B 1/26
[25] EN
[54] **HOT ROLLED STEEL HAVING IMPROVED FORMABILITY**
[54] **TOLE D'ACIER LAMINEE A CHAUD AVEC UNE FORMABILITE AMELIOREE**
[72] LYNES, STEPHEN, CA
[72] TURI, MARIA-LYNN, CA
[71] DOFASCO INC., CA
[22] 2000-01-07
[43] 2001-07-07

[21] 2,294,404
[13] A1
[51] Int.Cl. 7H03M 7/32 7H03L 7/197
[25] EN
[54] **DELTA-SIGMA MODULATOR FOR FRACTIONAL-N FREQUENCY SYNTHESIS**
[54] **MODULATEUR DELTA-SIGMA POUR LA SYNTHESE DE FREQUENCE N-FRACTIONNEL**
[72] KWASNIEWSKI, TADEUSE A., CA
[72] LEPLEY, THIERRY, FR
[72] RILEY, THOMAS ATKIN DENNING, CA
[71] KWASNIEWSKI, TADEUSE A., CA
[71] LEPLEY, THIERRY, FR
[71] RILEY, THOMAS ATKIN DENNING, CA
[22] 2000-01-07
[43] 2001-07-07

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[21] **2,294,675**
[13] A1

[51] **Int.Cl. 7B63H 5/07 7B63H 20/00 7B63H 5/16**
[25] EN
[54] **PROPELLER SAFETY GUARD**
[54] **PROTECTEUR D'HELICE**
[72] RAPS, GERARD, CA
[71] RAPS, GERARD, CA
[22] 2000-01-04
[43] 2001-07-04

[21] **2,294,676**
[13] A1

[51] **Int.Cl. 7B64C 9/00 7B64C 5/10**
[25] EN
[54] **TAIL-FIN 2000**
[54] **DERIVE INFERIEURE 2000**
[72] ARTS, JAMES A., CA
[71] ARTS, JAMES A., CA
[22] 2000-01-04
[43] 2001-07-04

[21] **2,294,678**
[13] A1

[51] **Int.Cl. 7A47G 21/16**
[25] EN
[54] **NAPKIN TIE**
[54] **ATTACHE POUR SERVIETTE**
[72] KNOP, JANA, CA
[71] KNOP, JANA, CA
[22] 2000-01-06
[43] 2001-07-06

[21] **2,294,679**
[13] A1

[51] **Int.Cl. 7F16L 55/033 7F16L 59/14**
[25] EN
[54] **ACOUSTIC DAMPING PIPE COVER**
[54] **REVETEMENT DE TUYAU A AMORTISSEMENT ACOUSTIQUE**
[72] OHIRA, YASUYUKI, JP
[72] HORI, MITSUO, JP
[71] SHISHIAL-KABUSHIKIGAIASHA, JP
[22] 2000-01-06
[43] 2001-07-06

[21] **2,294,681**
[13] A1

[51] **Int.Cl. 7F16C 33/66 7F16C 33/78**
[25] EN
[54] **CONTINUOUSLY-LUBRICATED BEARING SYSTEM FOR A SHAFT WHICH ROTATES LESS THAN 360 DEGREES**
[54] **SYSTEME DE PALIERS A LUBRIFICATION CONTINUE POUR ARBRE TOURNANT SUR MOINS DE 360 DEGRES**
[72] TOMASSONI, GABE, CA
[71] TOMASSONI, GABE, CA
[22] 2000-01-06
[43] 2001-07-06

[21] **2,294,682**
[13] A1

[51] **Int.Cl. 7B62K 23/08 7B62J 23/00 7B62M 25/06**
[25] EN
[54] **MOTORCYCLE SHIFT LEVER AND BRAKE PEDAL COVER FOR SHOE PROTECTION**
[54] **GAINÉ POUR PEDALE D'EMBAYAGE ET PEDALE DE FREIN DE MOTOCYLETTE SERVANT A LA PROTECTION DES CHAUSSURES**
[72] ALLERT, GODFREY J., CA
[71] ALLERT, GODFREY J., CA
[22] 2000-01-06
[43] 2001-07-06

[21] **2,294,686**
[13] A1

[51] **Int.Cl. 7A61L 27/00 7A61K 38/18 7A61L 27/22 7A61L 27/54**
[25] EN
[54] **MALLEABLE PASTE FOR FILLING BONE DEFECTS**
[54] **PATE MALLEABLE SERVANT A REMPLIR LES DEFICITS OSSEUX**
[72] GERTZMAN, ARTHUR A., US
[72] SUNWOO, MOON HAE, US
[71] MUSCULOSKELETAL TRANSPLANT FOUNDATION, US
[22] 2000-01-06
[43] 2001-07-06

[21] **2,295,160**
[13] A1

[51] **Int.Cl. 7A45F 5/10 7A45C 13/26**
[25] EN
[54] **HAND SAVER**
[54] **PROTECTEUR DE MAIN**
[72] ALACCHI, CARLO, CA
[71] ALACCHI, CARLO, CA
[22] 2000-01-05
[43] 2001-07-05

[21] **2,295,169**
[13] A1

[51] **Int.Cl. 7A43C 9/00**
[25] EN
[54] **STRETCH LACES**
[54] **LACETS EXTENSIBLES**
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[43] 2001-07-05

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[51] **Int.Cl. 7F22B 21/30 7F24F 6/18**
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[54] **COMPACT GAS FIRED HUMIDIFIER**
[54] **HUMIDIFICATEUR A GAZ COMPACT**
[72] BESIK, FERDINAND K., CA
[71] BESIK, FERDINAND K., CA
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[21] **2,295,384**
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[54] **HAPPY EYES DOLLY**
[54] **POUPEES AUX YEUX CHANGEANTS**
[72] OSSEIRAN, RABIH ISSAM, LB
[71] OSSEIRAN, RABIH ISSAM, LB
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[13] A1
[51] **Int.Cl. 7A61K 31/565 7A61P 1/08**
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[25] EN
[54] **METHOD OF TREATMENT OF**
NAUSEA, VOMITING, AND OTHER
DISORDERS USING ESTROGENS
[54] **METHODE DE TRAITEMENT DE**
LA NAUSEE, DU VOMISSEMENT ET
D'AUTRES TROUBLES AU MOYEN
D'OESTROGENE
[72] STEELE, JOY ANN, CA
[71] STEELE, JOY ANN, CA
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[43] 2001-07-04

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[13] A1
[51] **Int.Cl. 7A43B 5/16 7A63C 17/02**
7A43B 5/06 7A63C 17/18
[25] EN
[54] **SKATE WITH SHOE FEATURE**
[54] **PATIN AVEC CHAUSSURE**
[72] CHEN, TZU-NAN, TW
[72] CHEN, WEN-SUEI, TW
[71] CHEN, TZU-NAN, TW
[71] CHEN, WEN-SUEI, TW
[22] 2000-01-06
[43] 2001-07-06

[21] **2,295,429**
[13] A1
[51] **Int.Cl. 7A61K 33/44 7A61P 1/12**
[25] EN
[54] **TREATMENT OR PREVENTION**
OF DIARRHEA
[54] **TRAITEMENT OU PREVENTION**
DE LA DIARRHEE
[72] MICHAEL, MICHAEL, AU
[72] MOORE, MALCOLM J., CA
[71] MICHAEL, MICHAEL, AU
[71] MOORE, MALCOLM J., CA
[22] 2000-01-06
[43] 2001-07-06

[21] **2,295,431**
[13] A1
[51] **Int.Cl. 7A61B 3/00 7A61B 8/10**
[25] EN
[54] **OPHTHALMIC APPARATUS**
[54] **APPAREIL OPHTALMOLOGIQUE**
[72] REINSTEIN, DAN, CA
[72] VAN WIJK, ADRIAN, CA
[72] FOSTER, MARK, CA
[72] TAYLOR, PAUL, CA
[72] PHILLIPS, SCOTT, CA
[71] ULTRALINK OPHTHALMICS INC.,
CA
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[21] **2,295,432**
[13] A1
[51] **Int.Cl. 7B25H 1/10**
[25] EN
[54] **TOOL SUPPORT PLATFORM**
[54] **PLATEFORME D'APPUI D'OUTIL**
[72] HOULE, GUY, CA
[72] HOULE, ROBERT, CA
[71] HOULE, GUY, CA
[71] HOULE, ROBERT, CA
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[21] **2,295,435**
[13] A1
[51] **Int.Cl. 7H03K 23/40 7G01R 25/00**
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[25] EN
[54] **LINEAR LOW NOISE PHASE**
LOCKED LOOP FREQUENCY
SYNTHESIZER USING CONTROLLED
DIVIDER PULSE WIDTHS
[54] **SYNTHETISEUR DE FREQUENCE**
LINEAIRE A BOUCLE DE
VERROUILLAGE DE PHASE A FAIBLE
BRUIT FAISANT APPEL A DES
DUREES D'IMPULSION DE DIVISEUR
COMMANDE
[72] RILEY, THOMAS, CA
[71] RILEY, THOMAS, CA
[22] 2000-01-06
[43] 2001-07-06

[21] **2,295,447**
[13] A1
[51] **Int.Cl. 7G09F 1/06**
[25] EN
[54] **TRIANGULAR HOLDERS FOR**
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[54] **SUPPORTS TRIANGULAIRES**
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[72] WESMAN, KENNETH FRANCIS, CA
[71] WESMAN, KENNETH FRANCIS, CA
[22] 2000-01-04
[43] 2001-07-04

[21] **2,295,530**
[13] A1
[51] **Int.Cl. 7A63B 7/08 7A63B 21/02**
[25] EN
[54] **ROPE DANCING**
[54] **EXERCISEUR A CORDE**
[72] KIM, SANG-KI, CA
[71] KIM, SANG-KI, CA
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[13] A1
[51] **Int.Cl. 7H04L 12/12 7H04L 12/24**
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[25] EN
[54] **DISTRIBUTED SUBSCRIBER**
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[54] **GESTION DISTRIBUE DES**
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[72] SKEMER, TERRY, CA
[71] SEDONA NETWORKS
CORPORATION, CA
[22] 2000-01-14
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[13] A1

[51] **Int.Cl. 7C23F 1/18 7C09J 5/02 7H05K 3/38**
[25] EN
[54] **METHOD FOR ROUGHENING COPPER SURFACES FOR BONDING TO SUBSTRATES**
[54] **PROCEDE POUR RENDRE RUGUEUX LES SURFACES DE CUIVRE POUR LES COLLER A DES SUBSTRATS**
[72] GONZALEZ, HECTOR, US
[72] BERNARDS, ROGER, US
[72] SCHANHAAR, MIKE, US
[72] KUCERA, AL, US
[71] ELECTROCHEMICALS INC., US
[22] 2000-01-28
[43] 2001-07-07
[30] US (09/479,089) 2000-01-07

[21] **2,299,483**
[13] A1

[51] **Int.Cl. 7A61B 19/00**
[25] EN
[54] **HEAD SUPPORT**
[54] **APPUIE-TETE**
[72] REINSTEIN, DAN, CA
[72] FOSTER, MARK LEIGHTON, CA
[72] PHILLIPS, SCOTT HOWARD, CA
[72] TAYLOR, PAUL WESLEY, CA
[72] VAN WIJK, ADRIAN ALBERT, CA
[71] ULTRALINK OPHTHALMICS INC., CA
[22] 2000-02-24
[43] 2001-07-06
[30] CA (2,295,431) 2000-01-06

[21] **2,299,510**
[13] A1

[51] **Int.Cl. 7A61C 19/00**
[25] EN
[54] **DELYSMILE**
[54] **DELYSMILE**
[72] DELY, ALEX, CA
[71] DELY, ALEX, CA
[22] 2000-01-05
[43] 2001-07-05

[21] **2,299,577**
[13] A1

[51] **Int.Cl. 7B67D 5/02**
[25] EN
[54] **WALL-MOUNTED DISPENSER FOR LIQUIDS**
[54] **DISTRIBUTEUR DE LIQUIDES MURAL**
[72] MADDOX, JEFFREY T., US
[72] YEAGER, ROBERT H., US
[72] MAST, REXFORD R., US
[71] KANFER, JOSEPH S., US
[22] 2000-02-25
[43] 2001-07-04
[30] US (09/478,240) 2000-01-04

[21] **2,300,027**
[13] A1

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[25] EN
[54] **RESTRAINT SYSTEM FOR A SCHOOL BUS SEAT**
[54] **SYSTEME DE RETENUE POUR UN SIEGE D'AUTOBUS D'ECOLIER**
[72] FOYE, CHRISTOPHER W., US
[72] VITS, CHARLES G., US
[71] INDIANA MILLS & MANUFACTURING, INC., US
[22] 2000-03-06
[43] 2001-07-07
[30] US (09/479,197) 2000-01-07

[21] **2,301,932**
[13] A1

[51] **Int.Cl. 7F16K 15/18 7F16K 3/22**
[25] EN
[54] **COMBINED DIRECTIONAL AND FLOW CONTROL VALVE**
[54] **DISTRIBUTEUR ET CLAPET D'ARRET COMBINES**
[72] MANNIS, MICHAEL L., US
[71] COOK, J. BARRY, US
[71] MANNIS, MICHAEL L., US
[22] 2000-03-21
[43] 2001-07-04
[30] US (09/477177) 2000-01-04

[21] **2,303,953**
[13] A1

[51] **Int.Cl. 7B60R 16/02 7B60R 11/00 7B60H 1/24 7B60Q 1/52**
[25] EN
[54] **VEHICLE CONVERSION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CONVERSION DE VEHICULE**
[72] MAYNARD, LYMAN B., CA
[72] FORSYTHE, TOM, CA
[71] THE CROWN DIVISIONS, US
[22] 2000-04-06
[43] 2001-07-06
[30] US (60/174,754) 2000-01-06

[21] **2,305,962**
[13] A1

[51] **Int.Cl. 7E21B 43/16**
[25] EN
[54] **A CLOSED OIL LIQUID RING GAS COMPRESSION SYSTEM WITH A SUCTION INJECTION PORT**
[54] **SYSTEME A COMPRESSION DE GAZ ET A ANNEAU LIQUIDE FERME AVEC POINT D'ASPIRATION**
[72] JENNINGS, GARY, US
[71] FLUID COMPRESSOR CORP., US
[22] 2000-04-10
[43] 2001-07-05
[30] US (09/477,937) 2000-01-05

[21] **2,307,872**
[13] A1

[51] **Int.Cl. 7A45F 5/00 7H04Q 7/32**
[25] EN
[54] **MOBILE TELEPHONE CASE**
[54] **LOGEMENT DE TELEPHONE MOBILE**
[72] WANG-CHEN, YU-LIEN, TW
[71] WANG-CHEN, YU-LIEN, TW
[22] 2000-05-04
[43] 2001-07-06
[30] US (09/478,361) 2000-01-06

[21] **2,311,033**
[13] A1

[51] **Int.Cl. 7C09J 155/02 7C09D 155/02**
[25] EN
[54] **RELEASE COATING FOR TAPES**
[54] **REVETEMENT ANTIADHESIF POUR BANDES**
[72] LONC, GREGORY J., US
[72] SPITZER, JAN J., US
[71] BASF CORPORATION, US
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[43] 2001-07-05
[30] US (09/477,708) 2000-01-05

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[13] A1

[51] Int.Cl. 7G06F 17/30
[25] EN
[54] METHOD AND SYSTEM IN AN ELECTRONIC SPREADSHEET FOR ADDING OR REMOVING ELEMENTS FROM A CELL NAMED RANGE ACCORDING TO DIFFERENT MODES
[54] METHODE ET SYSTEME POUR TABLEUR ELECTRONIQUE PERMETTANT D'AJOUTER OU DE SUPPRIMER DES ELEMENTS D'UNE PLAGES NOMMEE DE CELLULES DANS DES MODES DIFFERENTS
[72] HARARI, ALBERT, FR
[72] BAUCHOT, FREDERIC, FR
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-06-15
[43] 2001-07-06
[30] EP (00480009.0) 2000-01-06

[21] 2,312,123
[13] A1

[51] Int.Cl. 7B65H 23/035 7B41L 21/12
[25] EN
[54] A RACK AND PINION MEDIUM ROLL SUPPORT
[54] SUPPORT A CREMAILLIERE A ROULIS MOYEN
[72] BRASHEAR, BOB, US
[72] BRYANT, CALEB, US
[71] ELTRON INTERNATIONAL, INC., US
[22] 2000-06-22
[43] 2001-07-05
[30] US (09/477,996) 2000-01-05

[21] 2,314,559
[13] A1

[51] Int.Cl. 7H02J 9/04 7H02J 3/06
[25] EN
[54] POWER SUPPLY SYSTEM SWITCHING DEVICE AND METHOD OF SWITCHING BETWEEN POWER SUPPLY SYSTEMS
[54] APPAREIL DE COMMUTATION D'UN SYSTEME D'ALIMENTATION ELECTRIQUE ET PROCEDE DE COMMUTATION ENTRE DES SYSTEMES D'ALIMENTATION ELECTRIQUES
[72] TAKEDA, MASATOSHI, JP
[72] KAMIYAMA, ISAO, JP
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[22] 2000-07-20
[43] 2001-07-07
[30] JP (2000-001621) 2000-01-07

[21] 2,314,743
[13] A1

[51] Int.Cl. 7H01R 9/16 7H01R 13/639
[25] EN
[54] ELECTRICAL PLUG CONNECTORS
[54] CONNECTEUR DE PRISES ELECTRIQUES
[72] D'ADDARIO, JAMES, US
[71] J. D'ADDARIO & COMPANY, INC., US
[22] 2000-07-31
[43] 2001-07-07
[30] US (09/478,872) 2000-01-07

[21] 2,316,029
[13] A1

[51] Int.Cl. 7B60J 10/10 7B60J 7/10
[25] EN
[54] REMOVABLE RETAINER ARRANGEMENTS FOR FLEXIBLE, VEHICLE TOPS
[54] DISPOSITIFS DE RETENUE AMOVIBLES POUR GALERIES SOUPLES DE VEHICULE
[72] TROEGER, RICK H., US
[71] BESTOP, INC., US
[22] 2000-08-16
[43] 2001-07-06
[30] US (09/478,669) 2000-01-06

[21] 2,316,122
[13] A1

[51] Int.Cl. 7G11C 7/10 7G06F 15/167
[25] EN
[54] DRAM DATA STORAGE AND MOVEMENT FOR NETWORK PROCESSORS
[54] STOCKAGE ET TRANSFERT DE DONNEES DANS LA MEMOIRE VIVE DYNAMIQUE, POUR PROCESSEURS DE GESTION DE RESEAU
[72] TROMBLEY, MICHAEL RAYMOND, US
[72] BASS, BRIAN MITCHELL, US
[72] CALVIGNAC, JEAN LOUIS, US
[72] HEDDES, MARCO C., US
[72] SIEGEL, MICHAEL STEVEN, US
[72] VERPLANKEN, FABRICE JEAN, US
[72] JENKINS, STEVEN KENNETH, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-08-17
[43] 2001-07-04
[30] US (09/477,576) 2000-01-04

[21] 2,317,797
[13] A1

[51] Int.Cl. 7B32B 27/12
[25] EN
[54] METHOD AND APPARATUS FOR ATTACHING FIBROUS BATT TO PLASTIC SUBSTRATE
[54] PROCEDE ET APPAREIL POUR ATTACHER DES NATTES FIBREUSES A DES SUBSTRATS EN PLASTIQUE
[72] HOEKSEMA, BRET A., US
[72] BEARMAN, JOHN A., US
[71] J.R. AUTOMATION TECHNOLOGIES, INC., US
[22] 2000-09-06
[43] 2001-07-07
[30] US (09/479,111) 2000-01-07

[21] 2,317,853
[13] A1

[51] Int.Cl. 7A61L 2/18 7A61L 9/01
[25] EN
[54] ODOR CONTROL COMPOSITION AND PROCESS
[54] COMPOSITION ET PROCESSUS D'ELIMINATION DES ODEURS
[72] SCHNEIDER, DAVID J., US
[71] H & S CHEMICAL COMPANY, INC., US
[22] 2000-09-08
[43] 2001-07-04
[30] US (09/477,318) 2000-01-04

[21] 2,320,597
[13] A1

[51] Int.Cl. 7G21H 1/00 7H05H 13/00 7H05H 1/24
[25] EN
[54] ION CYCLOTRON POWER CONVERTER AND RADIO AND MICROWAVE GENERATOR
[54] TRANSFORMATEUR ET GENERATEUR D'ONDES RADIO ET DE MICRO-ONDES POUR CYCLOTRON A IONS
[72] MILLS, RANDELL L., US
[71] BLACKLIGHT POWER, INC., US
[22] 2000-09-21
[43] 2001-07-06
[30] US (60/174,718) 2000-01-06
[30] US (60/176,502) 2000-01-18
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[13] A1

[51] **Int.Cl. 7H01M 8/06 7B60K 11/02 7F01P 7/14 7B60L 11/18 7H01M 8/24**
[25] EN
[54] **ELECTROCHEMICAL ENGINE**
[54] **MOTEUR ELECTROCHIMIQUE**
[72] STRATTON, MICHAEL A., US
[72] BEREISA, JONAS, US
[72] ARNOLD, GERD, DE
[72] WHEAT, WILLIAM S., US
[72] MCMANIS, JAMES V., US
[72] O'CONNELL, DANIEL B., US
[72] WHITEHEAD, LEE C., US
[72] MCILWAINE, STEVE, US
[71] GENERAL MOTORS CORPORATION, US
[22] 2000-10-11
[43] 2001-07-06
[30] US (09/478,672) 2000-01-06

[21] **2,323,120**
[13] A1

[51] **Int.Cl. 7B60K 20/02**
[25] EN
[54] **OPERATOR CONTROL DEVICE FOR AN INFINITELY VARIABLE TRANSMISSION**
[54] **DISPOSITIF DE COMMANDE DE TRANSMISSION A CHANGEMENT DE VITESSE CONTINU**
[72] TARASINSKI, NICOLAI, DE
[72] RUCKERT, DIETER, DE
[72] NEWENDORP, BRUCE CRAIG, US
[72] EASTON, DAVID JOSEPH, US
[71] DEERE & COMPANY, US
[22] 2000-10-13
[43] 2001-07-06
[30] US (09/478,590) 2000-01-06

[21] **2,323,192**
[13] A1

[51] **Int.Cl. 7B60K 15/04 7H01M 8/00**
[25] EN
[54] **METHOD AND APPARATUS FOR REFUELING AN ELECTROCHEMICAL ENGINE**
[54] **METHODE ET APPAREIL POUR FAIRE LE PLEIN D'UN VEHICULE A MOTEUR ELECTROCHIMIQUE**
[72] DILL, NORM, US
[72] STRATTON, MICHAEL A., US
[72] BEREISA, JONAS, US
[72] O'CONNELL, DANIEL B., US
[72] MCMANIS, JAMES V., US
[71] GENERAL MOTORS CORPORATION, US
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[43] 2001-07-06
[30] US (09/478,673) 2000-01-06

[21] **2,323,196**
[13] A1

[51] **Int.Cl. 7B60K 1/00 7H01M 8/24**
[25] EN
[54] **ELECTROCHEMICAL ENGINE ARRANGEMENT**
[54] **MONTAGE DE MOTEUR ELECTROCHIMIQUE**
[72] STRATTON, MICHAEL A., US
[72] MCMANIS, JAMES V., US
[72] O'CONNELL, DANIEL B., US
[71] GENERAL MOTORS CORPORATION, US
[22] 2000-10-11
[43] 2001-07-06
[30] US (09/478,671) 2000-01-06

[21] **2,324,384**
[13] A1

[51] **Int.Cl. 7A41B 3/06**
[25] EN
[54] **KNITWEAR HAVING A NO CURL COLLAR**
[54] **VETEMENT DE TRICOT DONT LE COL NE ROULE PAS**
[72] FRIEDMAN, MARC, US
[71] FRIEDMAN, MARC, US
[22] 2000-10-24
[43] 2001-07-03
[30] US (09/476,809) 2000-01-03

[21] **2,325,038**
[13] A1

[51] **Int.Cl. 7B01J 20/24 7A01K 1/015**
[25] EN
[54] **ABSORBENT COMPACTED COMPOSITION**
[54] **COMPOSITION COMPACTE ET ABSORBANTE**
[72] SOUREK, ROBERT A., JR., US
[71] SOUREK, ROBERT A., JR., US
[22] 2000-10-25
[43] 2001-07-04
[30] US (09/477,276) 2000-01-04

[21] **2,325,157**
[13] A1

[51] **Int.Cl. 7F04B 53/00 7F04B 47/00**
[25] EN
[54] **A SYSTEM AND METHOD FOR LOCKING PARTS TO A ROTATABLE SHAFT**
[54] **SYSTEME ET METHODE DE FIXATION DE PARTIES ~ UN AXE ROTATIF**
[72] FURNAS, MICHAEL W., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2000-11-03
[43] 2001-07-03
[30] US (09/476,832) 2000-01-03

[21] **2,326,641**
[13] A1

[51] **Int.Cl. 7H02M 7/217 7H02M 3/155**
[25] FR
[54] **REDRESSEUR SYNCHRONE AUTO-COMMANDE**
[54] **AUTOCONTROL SYNCHRONOUS RECTIFIER**
[72] CEUNEBROCK, PATRICK, FR
[72] DIALLO, ALMADIDI, FR
[71] ALCATEL, FR
[22] 2000-11-20
[43] 2001-07-03
[30] FR (00 00 007) 2000-01-03

[21] **2,326,704**
[13] A1

[51] **Int.Cl. 7G05B 19/04**
[25] EN
[54] **CONFIGURABLE ELECTRONIC CONTROLLER FOR APPLIANCES**
[54] **REGULATEUR ELECTRONIQUE PROGRAMMABLE POUR APPAREILS MENAGERS**
[72] BHATNAGAR, RAJIV, IN
[71] VASU TECH LIMITED, IN
[22] 2000-11-24
[43] 2001-07-07
[30] IN (20/MUM/2000) 2000-01-07

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[13] A1
[51] **Int.Cl. 7F27B 5/04 7C03B 37/012 7G02B 6/16**
[25] EN
[54] **PROCESS FOR FABRICATING AN ARTICLE INVOLVING HEAT TREATMENT WITH GASEOUS REACTANTS**
[54] **METHODE DE FABRICATION D'UN ARTICLE PAR TRAITEMENT THERMIQUE EN PRESENCE DE REACTIFS GAZEUX**
[72] MONBERG, ERIC M., US
[72] TREVOR, DENNIS J., US
[72] MIXON, DAVID A., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-11-27
[43] 2001-07-05
[30] US (09/478,261) 2000-01-05

[21] **2,327,401**
[13] A1
[51] **Int.Cl. 7G02F 1/01 7H04L 12/00**
[25] EN
[54] **AN OPTICAL CROSSBAR SWITCH**
[54] **COMMUTATEUR CROSSBAR OPTIQUE**
[72] RIBERA, JOHN FRANK, US
[72] RANGANATH, MINAKANAGURKI V., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-11-27
[43] 2001-07-06
[30] US (09/478,630) 2000-01-06

[21] **2,327,405**
[13] A1
[51] **Int.Cl. 7G10L 19/12**
[25] EN
[54] **PERCEPTUAL AUDIO CODER BIT ALLOCATION SCHEME PROVIDING IMPROVED PERCEPTUAL QUALITY CONSISTENCY**
[54] **METHODE DE REPARTITION BINAIRE D'UN CODEUR AUDIO PERCEPTIF OFFRANT UNE UNIFORMITE AMELIOREE DE LA QUALITE PERCEPTIVE**
[72] FALLER, CHRISTOF, CZ
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-11-27
[43] 2001-07-04
[30] US (09/477,314) 2000-01-04

[21] **2,327,562**
[13] A1
[51] **Int.Cl. 7F16M 13/02**
[25] EN
[54] **POSITIONABLE ADJUSTABLE SUPPORT ARM FOR CUPS, CANDLES, ASHTRAYS, ETC.**
[54] **BRAS DE SUPPORT REGLABLE ET ORIENTABLE POUR TASSES, CHANDELLES, CENDRIERS, ETC.**
[72] ARTZ, KIM W., US
[71] ARTZ, KIM W., US
[22] 2000-12-05
[43] 2001-07-03
[30] US (09/477,074) 2000-01-03

[21] **2,327,951**
[13] A1
[51] **Int.Cl. 7H04B 10/17**
[25] EN
[54] **MULTI-STAGE OPTICAL AMPLIFIER**
[54] **AMPLIFICATEUR OPTIQUE A ETAGES MULTIPLES**
[72] NYMAN, BRUCE, US
[71] JDS UNIPHASE INC., CA
[22] 2000-12-11
[43] 2001-07-06
[30] US (09/478,519) 2000-01-06

[21] **2,328,005**
[13] A1
[51] **Int.Cl. 7B27C 5/00**
[25] EN
[54] **PRECISION-BALANCED CUTTER HEAD AND METHOD**
[54] **TETE PORTE-FRAISE DE PRECISION EQUILIBREE ET METHODE**
[72] WEATHERS, DAVID L., US
[71] TRIANGLE PACIFIC CORP., US
[22] 2000-12-12
[43] 2001-07-05
[30] US (09/478,016) 2000-01-05

[21] **2,328,052**
[13] A1
[51] **Int.Cl. 7A61F 9/00**
[25] EN
[54] **A METHOD OF AND DEVICE FOR IMPROVING THE FLOW OF AQUEOUS HUMOR WITHIN THE EYE**
[54] **METHODE ET DISPOSITIF PERMETTANT D'AMELIORER LE DRAINAGE DE L'HUMEUR AQUEUSE DANS L'OEIL**
[72] STEGMANN, ROBERT, ZA
[72] GRIESHABER, HANS R., CH
[71] GRIESHABER & CO., AG
SCHAFFHAUSEN, CH
[22] 2000-12-11
[43] 2001-07-05
[30] US (09/478,047) 2000-01-05

[21] **2,328,261**
[13] A1
[51] **Int.Cl. 7F24F 7/013 7H05K 5/00**
[25] EN
[54] **ELECTRIC EXHAUST FANS**
[54] **VENTILATEURS D'EVACUATION ELECTRIQUES**
[72] YIP, CHUNG LUN, HK
[71] YIP, CHUNG LUN, HK
[22] 2000-12-14
[43] 2001-07-05
[30] US (09/478,166) 2000-01-05

[21] **2,328,266**
[13] A1
[51] **Int.Cl. 7C23C 16/26 7C02F 1/461**
[25] EN
[54] **CORROSION AND EROSION RESISTANT THIN FILM DIAMOND COATING AND APPLICATIONS THEREFOR**
[54] **COUCHE MINCE DIAMANTEE RESISTANT A LA CORROSION ET A L'EROSION ET APPLICATIONS DE CELLE-CI**
[72] WINDISCHMANN, HENRY, US
[71] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US
[22] 2000-12-14
[43] 2001-07-06
[30] US (60/174,727) 2000-01-06

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[21] **2,328,268**
[13] A1

[51] **Int.Cl. 7G06F 5/06 7G06F 12/02**
[25] EN
[54] **QUEUE MANAGER FOR A BUFFER**
[54] **GESTIONNAIRE DE FILS D'ATTENTE POUR UNE MEMOIRE INTERMEDIAIRE**
[72] VERPLANKEN, FABRICE JEAN, FR
[72] TROMBLEY, MICHAEL RAYMOND, US
[72] SIEGEL, MICHAEL STEVEN, US
[72] BASS, BRIAN MITCHELL, US
[72] HEDDES, MARCO C., US
[72] CALVIGNAC, JEAN LOUIS, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-12-12
[43] 2001-07-04
[30] US (09/477,179) 2000-01-04

[21] **2,328,286**
[13] A1

[51] **Int.Cl. 7C08G 67/02 7C08J 5/00 7H01B 3/30**
[25] EN
[54] **ALIPHATIC POLYKETONES FIBER OPTIC BUFFER TUBE MATERIAL**
[54] **TUBE AMORTISSEUR A FIBRES OPTIQUES FABRIQUE DE MATERIEL EN POLYCETONE ALIPHATIQUE**
[72] SIDDHAMALLI, SRIDHAR K., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-12-14
[43] 2001-07-04
[30] US (09/477,772) 2000-01-04

[21] **2,328,324**
[13] A1

[51] **Int.Cl. 7G02B 6/10 7G02B 6/16**
[25] EN
[54] **POLYAMIDE/POLYOLEFIN FIBER OPTIC BUFFER TUBE MATERIAL**
[54] **TUBE AMORTISSEUR A FIBRES OPTIQUES FABRIQUE D'UN MELANGE POLYAMIDE-POLYOLEFINE**
[72] SIDDHAMALLI, SRIDHAR K., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-12-12
[43] 2001-07-04
[30] US (09/477,058) 2000-01-04

[21] **2,328,564**
[13] A1

[51] **Int.Cl. 7G02B 27/10 7H04J 14/02**
[25] EN
[54] **MULTI-STAGE OPTICAL ISOLATOR**
[54] **PHOTOCOUPLEUR MULTI-ETAGE**
[72] WILLS, GONAZALO, CA
[71] JDS UNIPHASE INC., CA
[22] 2000-12-15
[43] 2001-07-05
[30] US (09/477,702) 2000-01-05

[21] **2,328,584**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 19/00 7H04L 12/16**
[25] EN
[54] **ELECTRONIC SHIPMENT PLANNER**
[54] **AGENDA D'ENVOI ELECTRONIQUE**
[72] NEWCITY, MICHAEL, US
[72] DAVIDSON, ROBERT A., US
[72] GOUX, COREY, US
[71] ABF FREIGHT SYSTEM, INC., US
[22] 2000-12-15
[43] 2001-07-07
[30] US (60/174,887) 2000-01-07
[30] US (09/691,980) 2000-10-19

[21] **2,328,643**
[13] A1

[51] **Int.Cl. 7H01P 1/213 7G06F 19/00**
[25] EN
[54] **MICROWAVE MULTIPLEXER WITH MANIFOLD SPACING ADJUSTMENT**
[54] **MULTIPLEXEUR HYPERFREQUENCE AVEC REGLAGE D'ESPACEMENT DE COLLECTEUR**
[72] HOLME, STEPHEN C., US
[72] FIEDZIUSKO, JERRY S., US
[72] O'NEAL, NORMAN L., US
[71] SPACE SYSTEMS/LORAL, INC., US
[22] 2000-12-15
[43] 2001-07-05
[30] US (09/477,881) 2000-01-05

[21] **2,328,645**
[13] A1

[51] **Int.Cl. 7H04L 9/32 7G06F 17/30**
[25] EN
[54] **A METHOD AND A SYSTEM FOR CERTIFICATE REVOCATION LIST CONSOLIDATION AND ACCESS**
[54] **PROCEDE ET SYSTEM POUR L'ACCES ET LA CONSOLIDATION DE LA LISTE DE CERTIFICAT DE REVOCATION**
[72] XU, JING MIN, CN
[72] LIU, LEO Y., US
[72] TIAN, ZHONG, CN
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-12-15
[43] 2001-07-07
[30] JP (00100915.X) 2000-01-07

[21] **2,328,793**
[13] A1

[51] **Int.Cl. 7B32B 31/26 7B44C 1/02**
[25] EN
[54] **METHOD OF BONDING A LAYER OF MATERIAL TO A SUBSTRATE**
[54] **METHODE D'ADHESION D'UNE COUCHE DE MATERIAU A UN SUPPORT**
[72] RICH, BARBARA J., US
[72] WILLIAMS, LARRY E., US
[71] HALLMARK CARDS, INCORPORATED, US
[22] 2000-12-18
[43] 2001-07-03
[30] US (09/476,267) 2000-01-03

[21] **2,328,811**
[13] A1

[51] **Int.Cl. 7B41L 19/00**
[25] EN
[54] **PORTABLE BARCODE PRINTER WITH IMPROVED CONTROL AND DISPLAY FOR A SMALL NUMBER OF FUNCTION KEYS**
[54] **IMPRIMANTES PORTATIVES DE CODES-BARRES AVEC CONTROL ET AFFICHAGE AMELIORE POUR UN PETIT NOMBRE DE CLES DE FONCTIONS**
[72] WATKINS, REX DAVID, US
[72] ARNOLD, GREGORY BROOKS, US
[72] BRAZIER, GARY EVERDING, US
[72] TOTH, TIMOTHY VICTOR, US
[71] MONARCH MARKING SYSTEMS, INC., US
[22] 2000-12-18
[43] 2001-07-07
[30] US (09/479,006) 2000-01-07

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[21] **2,329,386**
[13] A1
[51] **Int.Cl. 7A61F 13/515**
[25] EN
[54] **WATER-DECOMPOSABLE
ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT SE
DECOMPOSANT DANS L'EAU**
[72] KURATA, NOBUHIRO, JP
[72] MIYAZAKI, YUKA, JP
[72] WADA, MITSUHIRO, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-12-21
[43] 2001-07-06
[30] JP (2000-576) 2000-01-06

[21] **2,329,387**
[13] A1
[51] **Int.Cl. 7A61F 13/47**
[25] EN
[54] **WATER-DECOMPOSABLE
ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT SE
DECOMPOSANT DANS L'EAU**
[72] KURATA, NOBUHIRO, JP
[72] WADA, MITSUHIRO, JP
[72] TOKUMOTO, MEGUMI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-12-21
[43] 2001-07-06
[30] JP (2000-575) 2000-01-06

[21] **2,329,545**
[13] A1
[51] **Int.Cl. 7B60K 20/04**
[25] EN
[54] **SHIFT LEVER COVER FOR SHOE
PROTECTION**
[54] **COUVRE-PEDALE
D'EMBRAYAGE PROTECTEUR DE
CHAUSSURE**
[72] ALLERT, GODFREY J., CA
[71] ALLERT, GODFREY J., CA
[22] 2000-12-22
[43] 2001-07-06
[30] CA (2,294,682) 2000-01-06

[21] **2,329,583**
[13] A1
[51] **Int.Cl. 7A61F 13/515**
[25] EN
[54] **WATER-DECOMPOSABLE
ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT SE
DECOMPOSANT DANS L'EAU**
[72] WADA, MITSUHIRO, JP
[72] SUZUKI, SACHIYO, JP
[72] KURATA, NOBUHIRO, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-12-22
[43] 2001-07-06
[30] JP (2000-577) 2000-01-06

[21] **2,329,602**
[13] A1
[51] **Int.Cl. 7C11C 5/00 7F21V 35/00**
[25] EN
[54] **SEALED METAL CONTAINER**
[54] **CONTENEUR DE METAL SCELLE**
[72] PIETRUCH, WALTER P., US
[72] CECKOWSKI, GLENN S., US
[71] J.L. CLARK, INC., US
[22] 2000-12-27
[43] 2001-07-03
[30] US (09/476,859) 2000-01-03

[21] **2,329,605**
[13] A1
[51] **Int.Cl. 7A61L 9/03**
[25] EN
[54] **WICK-BASED LIQUID
EMANATION SYSTEM WITH CHILD-
RESISTANT AND MINIATURIZATION
FEATURES**
[54] **SYSTEME D'EMANATION DE
LIQUIDE A MECHE QU'UN ENFANT
NE PEUT PAS OUVRIR ET DES
CARACTERISTIQUES DE
MINIATURISATION**
[72] ZARABOZA, ROBERT, US
[72] RUFFOLO, RICHARD R., US
[72] ZEMBRODT, ANTHONY, US
[71] BATH & BODY WORKS, INC., US
[22] 2000-12-27
[43] 2001-07-07
[30] US (09/479,637) 2000-01-07

[21] **2,329,825**
[13] A1
[51] **Int.Cl. 7A61F 13/49**
[25] EN
[54] **DISPOSABLE DIAPER**
[54] **COUCHE JETABLE**
[72] SASAKI, TORU, JP
[72] KUMASAKA, YOSHINORI, JP
[72] SHIMOE, NARIAKI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-12-28
[43] 2001-07-06
[30] JP (2000-855) 2000-01-06

[21] **2,329,842**
[13] A1
[51] **Int.Cl. 7C12Q 1/02 7C12Q 1/24**
[25] EN
[54] **METHOD AND APPARATUS FOR
DETERMINING THE SENSITIVITY OF
A MICROORGANISM TO A GROWTH
ALTERING AGENT**
[54] **METHODE ET APPAREIL DE
DETERMINATION DE LA
SENSIBILITE D'UN
MICROORGANISME A UN AGENT DE
MODIFICATION DE LA CROISSANCE**
[72] WARDLAW, STEPHEN C., US
[71] WARDLAW, STEPHEN C., US
[22] 2000-12-28
[43] 2001-07-05
[30] US (09/477,932) 2000-01-05

[21] **2,329,843**
[13] A1
[51] **Int.Cl. 7B60S 3/00**
[25] EN
[54] **A DRAINAGE RECEPTACLE**
[54] **RECIPIENT D'ECOULEMENT**
[72] MATHIEU, CHRISTIAN, CA
[71] MATHIEU, CHRISTIAN, CA
[22] 2000-12-29
[43] 2001-07-03
[30] US (174.167) 2000-01-03

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[21] **2,329,854**
[13] A1

[51] **Int.Cl. 7F16L 3/02**
[25] EN
[54] **A POSITIONING AND ANTI-MOVEMENT SUPPORT STAKE INCLUDING MARKING MEANS FOR UNDERGROUND PIPES**
[54] **PIQUET SUPPORT DE POSITIONNEMENT ET DE STABILITE, Y COMPRIS UN MOYEN DE MARQUER LA POSITION DE TUYAUX SOUTERRAINS**
[72] STINNETT, THOMAS M., US
[71] STINNETT, THOMAS M., US
[22] 2000-12-28
[43] 2001-07-04
[30] US (09/477,320) 2000-01-04

[21] **2,329,883**
[13] A1

[51] **Int.Cl. 7G01M 17/00 7G01D 21/00 7G06F 19/00**
[25] EN
[54] **BACKWARD COMPATIBLE DIAGNOSTIC TOOL**
[54] **OUTIL DE DIAGNOSTIC RETROCOMPATIBLE**
[72] RAICHLE, KURT R., US
[72] LIEBEL, TROY J., US
[72] TOWNSEND, ANTHONY C., US
[72] PETERS, SIDNEY P., US
[71] SPX CORPORATION, US
[22] 2001-01-02
[43] 2001-07-03
[30] US (09/476,911) 2000-01-03

[21] **2,329,953**
[13] A1

[51] **Int.Cl. 7G01N 31/22 7G01N 1/00**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTINUOUSLY MONITORING AND CONTROLLING A PROCESS STREAM**
[54] **METHODE ET SYSTEME DE CONTROLE ET DE REGLAGE CONTINU D'UN LIQUIDE A TRAITER**
[72] BONNICK, DAVID MacDONALD, GB
[72] FOSTER, KEVIN ANTHONY, GB
[72] STANNARD, JAMES W., US
[71] UNITED STATES FILTER CORPORATION, US
[22] 2001-01-02
[43] 2001-07-03
[30] US (09/476,556) 2000-01-03

[21] **2,329,865**
[13] A1

[51] **Int.Cl. 7E04D 3/06 7E04D 13/03**
[25] EN
[54] **COMPONENTS FOR ROOF ASSEMBLIES**
[54] **COMPOSANTS DE TOIT**
[72] WHITING, RICHARD ANTHONY, GB
[71] WHITING, RICHARD ANTHONY, GB
[22] 2000-12-28
[43] 2001-07-06
[30] GB (0000129.7) 2000-01-06

[21] **2,329,886**
[13] A1

[51] **Int.Cl. 7C11C 5/00**
[25] EN
[54] **FORMED SAFETY BOTTOM FOR A CANDLE CAN**
[54] **FOND SECURITAIRE FORME EN VUE D'UNE BOITE A CHANDELLE**
[72] WRIGHT, CHET, US
[72] BOGARD, BILL, US
[72] PIETRUCH, WALTER P., US
[72] PETERSON, RICHARD L., US
[71] J.L. CLARK, INC., US
[22] 2000-12-29
[43] 2001-07-03
[30] US (60/174,231) 2000-01-03

[21] **2,329,963**
[13] A1

[51] **Int.Cl. 7G01R 19/15**
[25] EN
[54] **FIBER OPTIC CURRENT SENSOR**
[54] **CAPTEUR DE COURANT A FIBRE OPTIQUE**
[72] NEHRING, JURGEN, CH
[72] BOHNERT, KLAUS, CH
[71] ABB RESEARCH LTD., CH
[22] 2000-12-29
[43] 2001-07-05
[30] DE (100 00 306.0) 2000-01-05

[21] **2,329,876**
[13] A1

[51] **Int.Cl. 7H01R 12/00 7H01R 9/11 7H01R 12/30**
[25] EN
[54] **CABLE CONNECTOR FOR A SHIELDED CABLE**
[54] **CONNECTEUR DE CABLE POUR UN CABLE REVETU**
[72] VAN ZANTEN, ALBERTUS, NL
[71] F.C.I. - FRAMATOME CONNECTORS INTERNATIONAL, FR
[22] 2000-12-28
[43] 2001-07-07
[30] NL (NL 1014035) 2000-01-07

[21] **2,329,887**
[13] A1

[51] **Int.Cl. 7E04D 3/06**
[25] EN
[54] **BUILDING ELEMENTS**
[54] **ELEMENTS DE CONSTRUCTION**
[72] RICHARDSON, CHRISTOPHER, GB
[71] ULTRAFRAME (UK) LIMITED, GB
[22] 2000-12-29
[43] 2001-07-05
[30] GB (0000003.4) 2000-01-05

[21] **2,329,978**
[13] A1

[51] **Int.Cl. 7B23D 13/00**
[25] EN
[54] **BLADE TOOL FOR CUTTER HEAD OF THICKNESS PLANERS**
[54] **OUTIL POUR LAMES DE PORTE-LAMES DE PLANEUSE A RABOTAGE**
[72] CAMPBELL, RANDALL E., US
[72] ECKHOFF, PAUL J., US
[72] TOMISER, FRANK J., JR., US
[71] EMERSON ELECTRIC CO., US
[22] 2001-01-02
[43] 2001-07-06
[30] US (09/478,712) 2000-01-06

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[21] **2,330,018**
[13] A1
[51] **Int.Cl. 7A01K 97/06**
[25] EN
[54] **FISHING LURE STORAGE SYSTEM**
[54] **SYSTEME DE RANGEMENT D'UN LEURRE DE PECHE**
[72] THORPE, ALLEN S., US
[71] THORPE, ALLEN S., US
[22] 2001-01-02
[43] 2001-07-03
[30] US (09/476,560) 2000-01-03

[21] **2,330,053**
[13] A1
[51] **Int.Cl. 7F24F 13/08**
[25] EN
[54] **VENT ATTACHMENT FOR A FLEXIBLE CLOSURE WALL**
[54] **ACCESSOIRE DE VENTILATION POUR FERMETURE DE MUR FLEXIBLE**
[72] ZIEGLER, PETER W., US
[71] ZIEGLER, PETER W., US
[22] 2001-01-03
[43] 2001-07-07
[30] US (09/479,618) 2000-01-07

[21] **2,330,058**
[13] A1
[51] **Int.Cl. 7C11C 5/00**
[25] EN
[54] **DEEP DRAWN CANDLE CAN WITH FORMED SAFETY BOTTOM**
[54] **BOITE A CHANDELLE A MOULAGE PROFOND AVEC FOND SECURITAIRE FORME**
[72] PETERSON, RICHARD L., US
[72] WRIGHT, CHET, US
[72] PIETRUCH, WALTER P., US
[71] J. L. CLARK, INC., US
[22] 2000-12-29
[43] 2001-07-03
[30] US (60/174,210) 2000-01-03

[21] **2,330,062**
[13] A1
[51] **Int.Cl. 7A61F 5/01**
[25] EN
[54] **SURGICAL CAST VENTING DEVICE USING STRETCHABLE NET MATERIAL**
[54] **DISPOSITIF D'AERATION POUR PLATRE CHIRURGICAL UTILISANT DU MATERIEL EN FILET ETIRABLE**
[72] BARBERIO, ALESSANDRO, CA
[71] BARBERIO, ALESSANDRO, CA
[22] 2001-01-03
[43] 2001-07-03
[30] US (09/476,106) 2000-01-03

[21] **2,330,067**
[13] A1
[51] **Int.Cl. 7G01N 27/42 7G01D 3/08 7G01N 21/15**
[25] EN
[54] **SCALE PREDICTION PROBE**
[54] **SONDE DE PREDICTION D'ECHELLE**
[72] HAMMONDS, PAUL, GB
[71] BAKERS HUGHES INCORPORATED, US
[22] 2001-01-03
[43] 2001-07-07
[30] US (60/175,088) 2000-01-07
[30] US (UNKNOWN) 2001-01-03

[21] **2,330,072**
[13] A1
[51] **Int.Cl. 7A63F 13/00 7G07F 17/32**
[25] EN
[54] **A MICROCONTROLLED BACKLIT KEYPAD ASSEMBLY AND METHOD FOR A GAMING MACHINE**
[54] **BLOC NUMERIQUE RETROECLAIRE ET MICROCONTROLE, ET METHODE CONNEXE POUR APPAREIL DE JEUX DE HASARD**
[72] POWELL, TRACY, US
[72] UHLEIN, MARK, US
[71] INTERNATIONAL GAME TECHNOLOGY, US
[22] 2001-01-02
[43] 2001-07-03
[30] US (09/476,143) 2000-01-03

[21] **2,330,074**
[13] A1
[51] **Int.Cl. 7A23L 1/38 7A23D 9/04 7A23D 7/05**
[25] EN
[54] **PREPARATION OF FOOD PRODUCTS**
[54] **PREPARATION D'ALIMENTS**
[72] BROOKER, BRIAN EDWARD, GB
[71] THE BOC GROUP PLC, GB
[22] 2001-01-03
[43] 2001-07-06
[30] GB (0000159.4) 2000-01-06

[21] **2,330,077**
[13] A1
[51] **Int.Cl. 7F25J 3/02**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING A PRESSURIZED HIGH PURITY LIQUID CARBON DIOXIDE STREAM**
[54] **METHODE ET APPAREIL PERMETTANT D'OBTENIR UN FLUX DE DIOXYDE DE CARBONE LIQUIDE SOUS PRESSION DE HAUTE PURETE**
[72] PIKE, JESSI LYNN, US
[72] BOYD, ROBERT WALTER, US
[72] CHENG, DAVID C., US
[72] LEITCH, KELLY, US
[71] THE BOC GROUP, INC., US
[22] 2001-01-04
[43] 2001-07-05
[30] US (60/174,531) 2000-01-05
[30] US (09/604,947) 2000-06-27

[21] **2,330,079**
[13] A1
[51] **Int.Cl. 7H01G 2/18**
[25] EN
[54] **FLUID-FILLED CAPACITOR WITH PRESSURE INTERRUPTER MEANS AND INTERNAL COMPRESSIBLE AIR CHAMBER**
[54] **CONDENSATEUR REMPLI DE FLUIDE AVEC INTERRUPTEUR SENSIBLE A LA PRESSION ET CHAMBRE A AIR COMPRESSIBLE INTERNE**
[72] STOCKMAN, ROBERT M., US
[72] STOCKMAN, RICHARD W., US
[72] ZACHERL, DEAN T., US
[71] AMERICAN RADIONIC CO. INC., US
[22] 2001-01-02
[43] 2001-07-05
[30] US (09/477,846) 2000-01-05

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[21] **2,330,083**
[13] A1

[51] **Int.Cl. 7A63B 59/14**
[25] EN
[54] **HOCKEY STICK**
[54] **BATON DE HOCKEY**
[72] GOLDSMITH, EDWARD M., US
[72] EASTON, JAMES L., US
[71] JAS. D. EASTON, INC., US
[22] 2001-01-03
[43] 2001-07-07
[30] US (09/479,429) 2000-01-07

[21] **2,330,092**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61P 29/00**
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[25] EN
[54] **BENZIMIDAZOLE COMPOUNDS AS ORL1-RECEPTOR AGONISTS**
[54] **COMPOSES DE BENZIMIDAZOLE UTILISES COMME AGONISTES DU RECEPTEUR ORL1**
[72] ITO, FUMITAKA, JP
[72] OHASHI, YORIKO, JP
[72] SHIMOKAWA, HIROHISA, JP
[72] NOGUCHI, HIROHIDE, JP
[71] PFIZER INC., US
[22] 2001-01-03
[43] 2001-07-05
[30] US (60/174,542) 2000-01-05

[21] **2,330,164**
[13] A1

[51] **Int.Cl. 7H02H 9/00**
[25] EN
[54] **TOTAL ELECTRICAL TRANSIENT ELIMINATOR**
[54] **SYSTEME ELECTRIQUE D'ELIMINATION TOTALE DES PHENOMENES TRANSITOIRES**
[72] PENNINGTON, DONALD G., US
[71] PVA CORPORATION, US
[22] 2001-01-02
[43] 2001-07-03
[30] US (09/476,531) 2000-01-03

[21] **2,330,165**
[13] A1

[51] **Int.Cl. 7B60R 11/02 7H04R 1/02**
[25] EN
[54] **MULTI-MOUNT SPEAKER ASSEMBLY**
[54] **SUPPORT DE HAUT-PARLEUR A POSITIONS DE MONTAGE MULTIPLES**
[72] BREITHAUPT, THOMAS DEAN, US
[71] ROBERT BOSCH CORPORATION, US
[22] 2001-01-04
[43] 2001-07-05
[30] US (60/174,528) 2000-01-05
[30] US (09/630,119) 2000-08-01

[21] **2,330,185**
[13] A1

[51] **Int.Cl. 7H04J 13/02 7H04J 14/00 7H04B 1/69**
[25] EN
[54] **CDMA ENCODER-DECODER, CDMA COMMUNICATION SYSTEM, WDM-CDMA COMMUNICATION SYSTEM**
[54] **CODEUR-DECODEUR CDMA, SYSTEME DE COMMUNICATION CDMA, SYSTÈME DE COMMUNICATION WDM-CDMA**
[72] GOH, TAKASHI, JP
[72] TAKIGUCHI, KOICHI, JP
[72] KATO, MASAO, JP
[72] SHIBATA, TOMOHIRO, JP
[72] OKAMOTO, KATSUNARI, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[22] 2001-01-03
[43] 2001-07-06
[30] JP (2000-1046) 2000-01-06

[21] **2,330,188**
[13] A1

[51] **Int.Cl. 7G08B 29/00 7G08C 25/00**
[25] EN
[54] **BATTERY POWERED GAMING MACHINE SECURITY MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE LA BATTERIE ALIMENTE PAR BATTERIE D'UN APPAREIL DE JEUX DE HASARD**
[72] STOCKDALE, JAMES W., US
[71] INTERNATIONAL GAME TECHNOLOGY, US
[22] 2001-01-03
[43] 2001-07-04
[30] US (09/477,762) 2000-01-04

[21] **2,330,193**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04L 29/02 7G06F 17/60**
[25] EN
[54] **ELECTRONIC PRIZE FULFILLMENT FOR A GAMING SYSTEM**
[54] **EXECUTION ELECTRONIQUE D'UN PRIX POUR UN SYSTEME DE JEU**
[72] PAULSEN, CRAIG A., US
[71] INTERNATIONAL GAME TECHNOLOGY, US
[22] 2001-01-04
[43] 2001-07-07
[30] US (09/479,754) 2000-01-07

[21] **2,330,194**
[13] A1

[51] **Int.Cl. 7H01H 71/00 7H01H 71/74**
[25] EN
[54] **A POLE FOR AN ELECTRICAL CIRCUIT BREAKER, EQUIPPED WITH A WIDE ARC EXTINGUISHING CHAMBER**
[54] **POLE POUR UN DISJONTEUR EQUIPE D'UNE CHAMBRE D'EXTINCTION A GRANDE ARC**
[72] RIVAL, MARC, FR
[71] SQUARE D COMPANY, US
[22] 2001-01-04
[43] 2001-07-07
[30] FR (00 00 200) 2000-01-07

[21] **2,330,216**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7B64D 47/00 7B64F 5/00**
[25] EN
[54] **METHODS AND SYSTEMS FOR AVIATION COMPONENT REPAIR SERVICES**
[54] **PROCEDE ET SYSTEME POUR SERVICE DE REPARATIONS DE PIECES D'AVIONS**
[72] NELSON, JOHN RANDALL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2001-01-04
[43] 2001-07-07
[30] US (60/175,178) 2000-01-07
[30] US (09/724,123) 2000-11-28

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[21] **2,330,221**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7B64F 5/00 7G06F 17/30**
[25] EN
[54] **METHODS AND SYSTEMS FOR AVIATION PARTS, INFORMATION AND SERVICES**
[54] **PROCEDE ET SYSTEME POUR DES PIECES D'AVIONS, D'INFORMATIONS ET DE SERVICES**
[72] OVERBEEKE, HERMAN D., US
[72] FREDETTE, MELINDA K., US
[72] ROSENFELD, JOHN R., US
[72] NELSON, JOHN R., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2001-01-04
[43] 2001-07-07
[30] US (60/175,178) 2000-01-07
[30] US (09/724,124) 2000-11-28

[21] **2,330,239**
[13] A1
[51] **Int.Cl. 7H01B 7/28**
[25] EN
[54] **PATCH CABLE WITH LONG TERM ATTENUATION STABILITY**
[54] **CABLE DE RACCORDEMENT A STABILITE D'AFFAIBLISSEMENT A LONG TERME**
[72] WALLING, JORG-HEIN, CA
[71] NORDX/CDT, INC., CA
[22] 2001-01-05
[43] 2001-07-05
[30] US (60/174,516) 2000-01-05

[21] **2,330,253**
[13] A1
[51] **Int.Cl. 7B26D 1/56**
[25] EN
[54] **METHOD FOR CONTINUOUSLY CUTTING AWAY PIECES FROM A CONTINUOUSLY MOVING ENDLESS MATERIAL AND APPARATUS FOR PERFORMING THE SAME**
[54] **PROCEDE POUR COUPER CONTINUELLEMENT DES MATERIAUX EN MOUVEMENT CONTINU ET APPAREIL**
[72] GEISLER, HEINZ-GEORG, DE
[72] WAGNER, JOHANNES, DE
[72] HAUER, DIRK, DE
[72] LARM, HELMUT, DE
[72] HEPP, RUDIGER, DE
[72] WEGENER, HOLGER, DE
[71] SCHOTT SPEZIALGLAS GMBH, DE
[22] 2001-01-05
[43] 2001-07-07
[30] DE (100 00 469.5-45) 2000-01-07

[21] **2,330,256**
[13] A1
[51] **Int.Cl. 7A61K 31/549 7A61P 1/04**
[25] EN
[54] **TREATMENT OF INFLAMMATORY BOWEL DISEASE**
[54] **TRAITEMENT DES MALADIES INTESTINALES INFLAMMATOIRES**
[72] REDMOND, H. PAUL, IE
[72] PFIRRMANN, ROLF W., CH
[71] ED. GEISTLICH SOHNE AG FUR CHEMISCHE INDUSTRIE, CH
[22] 2001-01-05
[43] 2001-07-05
[30] US (60/174,608) 2000-01-05

[21] **2,330,260**
[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **TABULAR RANGE EDITING MECHANISM**
[54] **MECANISME D'EDITION TABULAIRE DE CHAMP**
[72] ABDALLA, SAMUEL, CA
[71] MITEL CORPORATION, CA
[22] 2001-01-05
[43] 2001-07-07
[30] GB (0000207.1) 2000-01-07

[21] **2,330,266**
[13] A1
[51] **Int.Cl. 7H04L 9/32 7H04L 12/16**
[25] EN
[54] **SECURE ELECTRONIC PROCUREMENT SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ACHAT ELECTRONIQUE PROTEGE**
[72] MCPHEDRAN, NEIL C., CA
[72] FLETCHER, ROBERT J., CA
[71] PROCURE.COM INC., CA
[22] 2001-01-05
[43] 2001-07-05
[30] US (60/174,510) 2000-01-05

[21] **2,330,268**
[13] A1
[51] **Int.Cl. 7H04B 10/12 7H04L 1/20 7H04B 10/24**
[25] EN
[54] **FIBER OPTIC ERRORLESS SWITCHING SYSTEM**
[54] **SYSTEME DE COMMUTATION DE FIBRE OPTIQUE SANS ERREURS**
[72] JONES, MARK LOYD, US
[72] SZETO, WILLIAM C., US
[72] BUTLER, ROBERT K., US
[71] SPRINT COMMUNICATIONS COMPANY, L.P., US
[22] 2001-01-05
[43] 2001-07-07
[30] US (09/479,538) 2000-01-07

[21] **2,330,269**
[13] A1
[51] **Int.Cl. 7F01N 11/00**
[25] EN
[54] **EXHAUST SYSTEM MONITOR**
[54] **COMMANDE DE SYSTEME D'ECHAPPEMENT**
[72] HENIG, YENIG, GB
[72] CHANKO, TIMOTHY, US
[72] TALLIO, KEVIN, US
[71] FORD GLOBAL TECHNOLOGIES, INC., US
[22] 2001-01-05
[43] 2001-07-07
[30] US (09/479,547) 2000-01-07

[21] **2,330,273**
[13] A1
[51] **Int.Cl. 7F15B 15/00**
[25] EN
[54] **ELECTROHYDRAULIC VALVE ACTUATOR**
[54] **ACTIONNEUR DE VANNE ELECTROHYDRAULIQUE**
[72] MERRILLEES, JILL, GB
[72] GREEN, DAVID K., GB
[71] BAKER HUGHES INCORPORATED, US
[22] 2001-01-05
[43] 2001-07-06
[30] US (60/174,734) 2000-01-06

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[21] **2,330,283**
[13] A1

[51] **Int.Cl. 7C08F 4/645 7C08G 63/183 7C08G 63/85**
[25] EN
[54] **POLYESTER POLYCONDENSATION WITH TITANYL OXALATE CATALYST AND A CATALYST ENHANCER**
[54] **POLYCONDENSATION DE POLYESTER AVEC UN CATALYSEUR D'OXANATE DE TITANYL ET UN PROMOTEUR DE CATALYSEUR**
[72] DOWLING, CONOR M., US
[72] SESHADRI, SRI R., US
[71] ATOFINA CHEMICALS, INC., US
[22] 2001-01-05
[43] 2001-07-07
[30] US (60/175,006) 2000-01-07
[30] US (09/747,115) 2000-12-22

[21] **2,330,295**
[13] A1

[51] **Int.Cl. 7B25C 11/00 7B25C 5/00**
[25] EN
[54] **STAPLE REMOVING TOOL**
[54] **DEGRAFEUSE**
[72] ROCHEFORD, D. MICHAEL, US
[71] THE UPHOLSTERY STUDIO INC., US
[22] 2001-01-05
[43] 2001-07-07
[30] US (09/479,092) 2000-01-07

[21] **2,330,312**
[13] A1

[51] **Int.Cl. 7F16N 1/00 7F16D 3/06**
[25] EN
[54] **A GREASE LUBRICATION SYSTEM FOR TELESCOPIC CARDAN SHAFTS AND OTHER MECHANICAL ASSEMBLIES**
[54] **DISPOSITIF DE LUBRIFICATION POUR ARBRE A CARDAN TELESCOPIQUE ET AUTRES ASSEMBLAGES MECANQUES**
[72] BONDIOLI, EDI, IT
[71] BONDIOLI, EDI, IT
[22] 2001-01-05
[43] 2001-07-07
[30] IT (FI2000A000004) 2000-01-07

[21] **2,330,349**
[13] A1

[51] **Int.Cl. 7C12N 1/14 7A01N 63/04**
[25] EN
[54] **BIOLOGICAL CONTROL OF NEMATODES**
[54] **PRODUIT DE LUTTE BIOLOGIQUE CONTRE LES NEMATODES**
[72] CHEN, SENYU, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[22] 2001-01-05
[43] 2001-07-05
[30] US (60/174,402) 2000-01-05

[21] **2,330,356**
[13] A1

[51] **Int.Cl. 7A63F 1/00**
[25] EN
[54] **CARD GAME AND METHOD OF PLAY**
[54] **JEU DE CARTES ET METHODE POUR JOUER**
[72] ZAHEDI, FARDIN, B1
[71] ZAHEDI, FARDIN, B1
[22] 2001-01-05
[43] 2001-07-06
[30] US (60/174,664) 2000-01-06

[21] **2,330,359**
[13] A1

[51] **Int.Cl. 7A61K 31/549 7A61P 31/04**
[25] EN
[54] **REDUCTION OF POSTOPERATIVE COMPLICATIONS OF CARDIOPULMONARY BYPASS (CPB) SURGERY**
[54] **REDUCTION DU NOMBRE DE COMPLICATIONS POSTOPERATOIRES DES CHIRURGIES AVEC SYSTEME DE CIRCULATION EXTRACORPORELLE (CPB)**
[72] REDMOND, H. PAUL, IE
[72] PFIRRMANN, ROLF W., CH
[71] ED. GEISTLICH SOHNE AG FUR CHEMISCHE INDUSTRIE, CH
[22] 2001-01-05
[43] 2001-07-05
[30] US (60/174,606) 2000-01-05
[30] US (60/245,235) 2000-11-03

[21] **2,330,360**
[13] A1

[51] **Int.Cl. 7B01D 53/047**
[25] EN
[54] **LOW PRESSURE RATIO VPSA PLANT TUNING AND BALANCING SYSTEM**
[54] **SYSTEME D'EQUILIBRAGE ET DE SYNTONISATION D'USINE PAR LE PROCESSUS D'ADSORPTION MODULEE EN PRESSION SOUS VIDE (AMPV) A FAIBLE RATION DE PRESSION**
[72] ROGAN, MICHAEL KENNETH, US
[72] SMOLAREK, JAMES, US
[72] NEU, BERNARD THOMAS, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2001-01-05
[43] 2001-07-07
[30] US (09/479,643) 2000-01-07

[21] **2,330,362**
[13] A1

[51] **Int.Cl. 7G02B 6/36**
[25] EN
[54] **A PLUG PART FOR AN OPTICAL PLUG-AND-SOCKET CONNECTION AND METHOD FOR ITS ASSEMBLY**
[54] **ELEMENT MALE POUR UN CONNECTEUR MALE/FEMELLE ET METHODE D'ASSEMBLAGE CONNEXE**
[72] DE MARCHI, SILVERIO, CH
[71] DIAMOND SA, CH
[22] 2001-01-05
[43] 2001-07-06
[30] EP (00810007.5) 2000-01-06

[21] **2,330,366**
[13] A1

[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **INPUT BUFFER TYPE PACKET SWITCHING EQUIPMENT**
[54] **DISPOSITIF DE COMMUTEUR DE TAMPON D'ENTREE DE TYPE PAQUET**
[72] HACHINOTA, MASASHI, JP
[71] NEC CORPORATION, JP
[22] 2001-01-05
[43] 2001-07-07
[30] JP (2000-001287) 2000-01-07

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[21] **2,330,371**
[13] A1
[51] **Int.Cl. 7E04G 27/00 7E04G 3/12**
[25] EN
[54] **ROOF STEP SYSTEM**
[54] **SYSTEME D'APPUI POUR UNE TOITURE**
[72] NEULEIB, MARLO DONALD, US
[71] NEULEIB, MARLO DONALD, US
[22] 2001-01-08
[43] 2001-07-06
[30] US (60/174,714) 2000-01-06

[21] **2,330,402**
[13] A1
[51] **Int.Cl. 7E21B 47/12 7E21B 43/04**
[25] EN
[54] **METHOD OF PROVIDING HYDRAULIC/FIBER CONDUITS ADJACENT BOTTOM HOLE ASSEMBLIES FOR MULTI-STEP COMPLETIONS**
[54] **PROCEDE POUR POURVOIR DES ASSEMBLAGES DE CONDUITES ADJACENTES DE FOND DE TROU EN FIBRE/HYDRAULIQUE POUR ACHEVEMENT EN PLUSIQURS ETAPES**
[72] BILBERRY, DAVID, US
[72] VOLL, BENN A., US
[72] NORRIS, MICHAEL W., US
[72] BAYNE, CHRISTIAN F., US
[72] HODGES, STEVEN B., US
[72] BROOME, JOHN T., US
[72] ZISK, EDWARD J., JR., US
[72] ZACHMAN, JAMES R., US
[72] FALCONER, GRAEME, GB
[71] BAKER HUGHES INCORPORATED, US
[22] 2001-01-08
[43] 2001-07-06
[30] US (60/174412) 2000-01-06

[21] **2,330,403**
[13] A1
[51] **Int.Cl. 7H04B 7/00 7H01Q 21/00**
[25] EN
[54] **METHOD AND APPARATUS FOR MONOPULSE OPERATION OF AN ARRAY ANTENNA**
[54] **PROCEDE ET APPAREIL POUR OPERER PAR MONO-IMPULSION D'UN ANTENNE RESEAU**
[72] PURDY, DANIEL SANFORD, US
[72] LIER, ERIK, US
[72] KAUTZ, GREGORY MICHAEL, US
[71] LOCKHEED MARTIN CORPORATION, US
[22] 2001-01-05
[43] 2001-07-06
[30] US (09/478,553) 2000-01-06

[21] **2,330,409**
[13] A1
[51] **Int.Cl. 7D21C 1/00**
[25] EN
[54] **METAL EXTRACTION PRIOR TO CHELATION IN CHEMICAL PULP PRODUCTION**
[54] **EXTRACTION DU METAL AVANT LA CHELATION DANS LA PRODUCTION DE PATE CHIMIQUE**
[72] JIANG, JIAN ER, US
[72] HENRICSON, KAJ O., FI
[71] ANDRITZ-AHLSTROM INC., US
[22] 2001-01-05
[43] 2001-07-07
[30] US (09/479,051) 2000-01-07

[21] **2,330,417**
[13] A1
[51] **Int.Cl. 7B60R 16/02**
[25] EN
[54] **VEHICLE CONVERSION SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE CONVERSION D'UN VEHICULE**
[72] MAYNARD, LYMAN B., CA
[72] FORSYTHE, TOM, CA
[71] CROWN NORTH AMERICA, A DIVISION OF LEGGETT & PLATT, INC., US
[22] 2001-01-08
[43] 2001-07-06
[30] US (60/174,754) 2000-01-06

[21] **2,330,457**
[13] A1
[51] **Int.Cl. 7C10G 67/06**
[25] FR
[54] **PROCEDE DE CAPTATION DU MERCURE ET D'ARSENIC D'UNE COUPE D'HYDROCARBURES DISTILLEE**
[54] **METHOD FOR COLLECTING MERCURY AND ARSENIC FROM DISTILLATED HYDROCARBON PORTION**
[72] SAVARY, LAURENT, FR
[72] PETIT-CLAIR, CARINE, FR
[72] DIDILLON, BLAISE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 2001-01-02
[43] 2001-07-07
[30] FR (00 00 248) 2000-01-07

[21] **2,330,459**
[13] A1
[51] **Int.Cl. 7B01J 20/18 7B01D 53/047**
[25] FR
[54] **ZEOLITES X ECHANGEES NOTAMMENT AU LITHIUM, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION COMME ADSORBANTS DE L'AZOTE DANS LA SEPARATION DES GAZ DE L'AIR**
[54] **EXCHANGED ZEOLITES X, COMPRISING MOSTLY LITHIUM, THEIR PREPARATION PROCESS AND THEIR USE AS NITROGEN ADSORBERS IN THE SEPARATION OF GASES FROM AIR**
[72] MASINI, JEAN-JACQUES, FR
[72] PLEE, DOMINIQUE, FR
[71] CECA S.A., FR
[22] 2001-01-03
[43] 2001-07-04
[30] FR (00 00 039) 2000-01-04

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[21] **2,330,794**

[13] A1

[51] **Int.Cl. 7E05F 11/00**

[25] EN

[54] **MECHANISM FOR SELECTIVELY
OPERATING AND LOCKING A
PIVOTABLE WINDOW**

[54] **MECANISME POUR LA
MANOEUVRE ET LE VERROUILLAGE
AU CHOIX D'UNE FENETRE
PIVOTANTE**

[72] GUILLEMET, GUY, CA

[72] TREMBLAY, MARTIN, CA

[71] GUILLEMET, GUY, CA

[71] TREMBLAY, MARTIN, CA

[22] 2001-01-04

[43] 2001-07-05

[30] GB (0000039.8) 2000-01-05

[21] **2,336,515**

[13] A1

[51] **Int.Cl. 7B65F 3/00 7B62D 63/06**

[25] EN

[54] **WASTE TRANSPORTATION UNIT**

[54] **UNITE DE TRANSPORT DE
DECHETS**

[72] NOVAKOWSKI, JASON C., CA

[71] TERINOVA SECURE

MANUFACTURING CORPORATION, CA

[22] 2001-03-01

[43] 2001-07-03

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[21] **2,320,783**
[13] A1

[51] **Int.Cl. 7A61M 5/32 7A61M 5/50**
[25] EN
[54] **RETRACTING NEEDLE SYRINGE**
[54] **SERINGUE A AIGUILLE**
RETRACTABLE
[72] CAIZZA, RICHARD J., US
[72] CIPOLETTI, ROBERT, US
[71] BECTON DICKINSON AND
COMPANY, US
[85] 2000-08-17
[86] 2000-01-04 (PCT/US00/00113)
[87] 2001-07-04 ()

[21] **2,344,700**
[13] A1

[51] **Int.Cl. 7C12N 15/82**
[25] EN
[54] **METHOD OF PLANT**
TRANSFORMATION
[54] **PROCEDE DE TRANSFORMATION**
DE VEGETAUX
[72] BIDNEY, DENNIS L., US
[72] SCELONGE, CHRISTOPHER JAY, US
[71] PIONEER HI-BRED
INTERNATIONAL, INC., US
[85] 2001-03-15
[86] 1999-09-28 (PCT/US99/22379)
[87] 2000-04-06 (WO00/18939)
[30] US (60/102,638) 1998-10-01

[21] **2,346,688**
[13] A1

[51] **Int.Cl. 6A61M 16/00**
[25] EN
[54] **CARDIOPULMONARY**
RESUSCITATION VENTILATOR AND
METHODS
[54] **VENTILATEUR ET PROCEDES DE**
REANIMATION CARDIO-
PULMONAIRE
[72] ZIELINSKI, TODD M., US
[72] LURIE, KEITH G., US
[71] CPRX LLC, US
[85] 2001-04-06
[86] 1999-10-05 (PCT/US99/23233)
[87] 2000-04-13 (WO00/20061)
[30] US (09/168,049) 1998-10-07

[21] **2,344,179**
[13] A1

[51] **Int.Cl. 7C12M 1/40 7C12N 15/10**
7C12P 19/34 7C12M 1/36 7C12Q 1/68
[25] EN
[54] **NUCLEIC ACID AMPLIFICATION**
REACTION STATION FOR
DISPOSABLE TEST DEVICES
[54] **MODULE DE TRAITEMENT DE**
REACTIONS D'AMPLIFICATION
D'ACIDES NUCLEIQUES POUR
DISPOSITIFS D'ESSAI JETABLES
[72] PARIS, CECILE, FR
[72] COTTER, CHRISTOPHER, US
[72] CATANZARITI, LUIGI, US
[72] GENNARI, FABIO, IT
[72] COLIN, BRUNO, FR
[72] KLUTZ, BRIAN W., US
[72] GRAZIANO, LOUIS, US
[72] MCKINLEY, GEOFF A., US
[72] DACHAUD, JACQUES, FR
[72] GUY, MICHEL, US
[71] BIOMERIEUX, INC., US
[85] 2001-03-15
[86] 2000-09-29 (PCT/US00/26690)
[87] 2001-04-18 ()
[30] US (09/420,140) 1999-10-18

[21] **2,345,923**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07K 14/47**
[25] EN
[54] **MOLECULAR DIAGNOSTIC OF**
GLAUCOMAS ASSOCIATED WITH
CHROMOSOMES 1, AND METHOD OF
TREATMENT THEREOF
[54] **DIAGNOSTIC MOLECULAIRE DE**
GLAUCOMES ASSOCIES AU
CHROMOSOME 1 ET PROCEDE DE
TRAITEMENT
[72] ANCTIL, JEAN-LOUIS, CA
[72] MORISSETTE, JEAN, CA
[72] FALARDEAU, PIERRE, CA
[72] COTE, GILLES, CA
[72] RAYMOND, VINCENT, CA
[71] UNIVERSITE LAVAL, CA
[85] 2001-03-22
[86] 1998-09-29 (PCT/CA98/00923)
[87] 1999-04-08 (WO99/16898)
[30] CA (2,216,997) 1997-09-30
[30] CA (2,231,720) 1998-05-12

[21] **2,346,874**
[13] A1

[51] **Int.Cl. 7B65D 5/50 7B65D 25/10**
[25] EN
[54] **A PACKAGED TOY PRODUCT**
[54] **JOUET EN COFFRET**
[72] THOMSEN, TINA, DK
[72] SOGAARD, IRENE, DK
[71] INTERLEGO AG, CH
[85] 2001-04-10
[86] 1999-10-13 (PCT/DK99/00544)
[87] 2000-04-20 (WO00/21845)
[30] DK (PA 1998 01312) 1998-10-14

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[21] **2,346,875**
[13] A1
[51] **Int.Cl. 7A63H 33/08 7A63H 33/06**
[25] EN
[54] **A TOY BUILDING SET**
[54] **ENSEMBLE DE JEU DE CONSTRUCTION**
[72] RON, CARSTEN, DK
[72] FUGLSANG, ERIK, DK
[72] BACH, ERIK, DK
[72] MIKKELSEN, KAJ S., DK
[72] NIELSEN, HANS DAMGARD, DK
[72] PAGEL, KIM, DK
[71] INTERLEGO AG, CH
[85] 2001-04-10
[86] 1999-10-13 (PCT/DK99/00547)
[87] 2000-04-20 (WO00/21630)
[30] DK (PA 1998 01304) 1998-10-14

[21] **2,346,876**
[13] A1
[51] **Int.Cl. 6B23P 19/04**
[25] EN
[54] **DEVICE FOR POSITIONING AN OBJECT**
[54] **DISPOSITIF DE POSITIONNEMENT D'UN OBJET**
[72] BANNERMAN, GLENN S., US
[71] BANNERMAN, GLENN S., US
[85] 2001-04-10
[86] 1999-10-12 (PCT/US99/23782)
[87] 2000-04-20 (WO00/21712)
[30] US (09/172,724) 1998-10-13

[21] **2,346,877**
[13] A1
[51] **Int.Cl. 7C12N 15/54 7A01H 5/00 7A01H 5/10 7C12N 9/10 7C12N 9/16 7C12N 1/19 7C12N 15/55 7C12N 15/62 7C12N 15/82**
[25] EN
[54] **SPECIFIC GENETIC MODIFICATION OF THE ACTIVITY OF TREHALOSE-6-PHOSPHATE SYNTHASE AND EXPRESSION IN A HOMOLOGOUS OR HETEROLOGOUS ENVIRONMENT**
[54] **MODIFICATION GENETIQUE SPECIFIQUE DE L'ACTIVITE DE LA TREHALOSE-6-PHOSPHATE SYNTHASE ET EXPRESSION DANS UN ENVIRONNEMENT HOMOLOGUE OU HETEROLOGUE**

[72] ITURRIAGA DE LA FUENTE, GABRIEL, MX
[72] VAN DIJCK, PATRICK, BE
[72] THEVELEIN, JOHAN M., BE
[72] MASCORRO-GALLARDO, JOSE OSCAR, MX
[72] VAN VAECK, CHRISTOPHE, BE
[71] K.U. LEUVEN RESEARCH & DEVELOPMENT, BE
[71] INSTITUTO DE BIOTECNOLOGIA-UNAM, MX
[85] 2001-04-10
[86] 1999-10-15 (PCT/EP99/07913)
[87] 2000-04-20 (WO00/22141)
[30] EP (98203469.6) 1998-10-15

[21] **2,346,878**
[13] A1
[51] **Int.Cl. 7H01P 3/00 7H01P 3/06 7H01P 7/06 7H01P 3/08 7H01P 3/12 7H01P 1/18**
[25] EN
[54] **VOLTAGE TUNABLE LAMINATED DIELECTRIC MATERIALS FOR MICROWAVE APPLICATIONS**
[54] **MATERIAUX DIELECTRIQUES STRATIFIES ACCORDABLES EN TENSION POUR APPLICATIONS AU MICRO-ONDES**
[72] ZHU, YONGFEI, US
[72] SENGUPTA, SOMNATH, US
[72] ZHANG, XUBAI, US
[72] CHIU, LUNA, H., US
[72] SENGUPTA, LOUISE, US
[72] STOWELL, STEVEN C., US
[71] PARATEK MICROWAVE, INC., US
[85] 2001-04-10
[86] 1999-10-15 (PCT/US99/24116)
[87] 2000-04-27 (WO00/24080)
[30] US (60/104,503) 1998-10-16

[21] **2,346,879**
[13] A1
[51] **Int.Cl. 7A61K 9/127 7A61P 35/00 7A61K 31/4745**
[25] EN
[54] **LIPOSOME-ENTRAPPED TOPOISOMERASE INHIBITORS**
[54] **INHIBITEURS DE TOPOISOMERASE PIEGES DANS DES LIPOSOMES**
[72] SLATER, JAMES LLOYD, US
[72] COLBERN, GAIL T., US
[72] WORKING, PETER K., US
[71] ALZA CORPORATION, US
[85] 2001-04-10
[86] 1999-10-15 (PCT/US99/24228)
[87] 2000-04-27 (WO00/23052)
[30] US (60/104,671) 1998-10-16

[21] **2,346,880**
[13] A1
[51] **Int.Cl. 7E21B 19/16 7E21B 21/00**
[25] EN
[54] **DRILLING METHOD**
[54] **PROCEDE DE FORAGE**
[72] AYLING, LAURENCE JOHN, GB
[71] COUPLER DEVELOPMENTS LIMITED, GB
[85] 2001-04-10
[86] 1999-10-14 (PCT/GB99/03411)
[87] 2000-04-20 (WO00/22278)
[30] GB (9822303.5) 1998-10-14

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[21] **2,346,881**
[13] A1
[51] **Int.Cl. 7A61K 31/575 7A61P 9/00 7A23L 1/30**
[25] EN
[54] **COMPOSITIONS COMPRISING PHYTOSTEROL, PHYTOSTANOL OR MIXTURES OF BOTH AND OMEGA-3 FATTY ACIDS OR DERIVATIVES THEREOF AND USE OF THE COMPOSITION IN TREATING OR PREVENTING CARDIOVASCULAR DISEASE AND OTHER DISORDERS**
[54] **COMPOSITIONS A BASE DE PHYTOSTEROL, PHYTOSTANOL OU DE MELANGE DES DEUX, ET D'ACIDES GRAS .OMEGA.-3 OU DE CERTAINS DE LEURS DERIVES, UTILISATION PREVENTIVE OU CURATIVE DE CETTE COMPOSITION CONTRE DES AFFECTIONS CARDIOVASCULAIRES ET AUTRES TROUBLES**
[72] NOVAK, EGON, CA
[71] FORBES MEDI-TECH INC., CA
[85] 2001-04-10
[86] 1999-07-20 (PCT/CA99/00655)
[87] 2000-02-03 (WO00/04887)
[30] US (09/118,809) 1998-07-20

[21] **2,346,882**
[13] A1
[51] **Int.Cl. 7B01J 23/89 7C01B 3/58 7B01D 53/86**
[25] EN
[54] **AU/FE₂O₃ CATALYST MATERIALS, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE**
[54] **MATERIAUX CATALYSEURS AU AU/FE₂O₃, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] PLZAK, VOJTECH, DE
[71] ZENTRUM FUR SONNENERGIE-UND WASSER-STOFF-FORSCHUNG BADEN-WURTTEMBERG, DE
[85] 2001-04-11
[86] 1999-08-11 (PCT/DE99/02528)
[87] 2000-02-24 (WO00/09259)
[30] DE (198 36 585.3) 1998-08-12

[21] **2,346,897**
[13] A1
[51] **Int.Cl. 7A23L 1/22 7A61K 7/16 7A61K 9/16 7A23L 2/56**
[25] EN
[54] **SOLID DELIVERY SYSTEMS FOR AROMA INGREDIENTS**
[54] **SYSTEME DE LIBERATION SOLIDE POUR INGREDIENTS AROMATIQUES**
[72] PALMER, CHRISTINE ANN, US
[72] MCIVER, ROBERT CLARK, US
[72] BOUQUERAND, PIERRE-ETIENNE, FR
[72] MUTKA, JERRY RICHARD, US
[72] FIRMENICH, ANTOINE, US
[72] BENCZEDI, DANIEL, CH
[71] FIRMENICH SA, CH
[85] 2001-04-17
[86] 1999-11-03 (PCT/IB99/01777)
[87] 2000-05-11 (WO00/25606)
[30] US (09/185,536) 1998-11-04
[30] IN (3309/DEL/98) 1998-11-09

[21] **2,346,898**
[13] A1
[51] **Int.Cl. 7C07D 213/38 7A61P 35/00 7C07D 215/12 7C07D 405/12 7A61K 31/415 7A61K 31/44 7A61K 31/47 7C07D 233/54 7C07D 213/64 7C07D 213/89**
[25] EN
[54] **N-ARYL(THIO)ANTHRANILIC ACID AMIDE DERIVATIVES, THEIR PREPARATION AND THEIR USE AS VEGF RECEPTOR TYROSINE KINASE INHIBITORS**
[54] **DERIVES DE N-ARYL(THIO)ANTHRANILIQUE ACIDE AMIDE, LEUR PREPARATION ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA TYROSINE KINASE DU RECEPTEUR VEGF**
[72] HABEREY, MARTIN, DE
[72] KRUGER, MARTIN, DE
[72] MENRAD, ANDREAS, DE
[72] HUTH, ANDREAS, DE
[72] MESTAN, JURGEN, DE
[72] FURET, PASCAL, FR
[72] WOOD, JEANETTE MARJORIE, CH
[72] THIERAUCH, KARL-HEINZ, DE
[72] MANLEY, PAUL WILLIAM, CH
[72] ALTMANN, KARL-HEINZ, CH
[72] BOLD, GUIDO, CH
[72] FERRARI, STEFANO, CH
[72] HOFMANN, FRANCESCO, CH
[72] SEIDELMANN, DIETER, DE
[71] NOVARTIS AG, CH
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2001-04-17
[86] 1999-11-08 (PCT/EP99/08545)
[87] 2000-05-18 (WO00/27820)
[30] GB (9824579.8) 1998-11-10

[21] **2,346,899**
[13] A1
[51] **Int.Cl. 7B29D 11/00**
[25] EN
[54] **LENS MOLD CARRIER**
[54] **SUPPORT DE MOULE DE LENTILLE**
[72] KASTNER, KEVIN JAMES, US
[72] TAI, KOK-MING, US
[71] NOVARTIS AG, CH
[85] 2001-04-17
[86] 2000-02-03 (PCT/EP00/00871)
[87] 2000-08-10 (WO00/46016)
[30] US (09/244,967) 1999-02-05

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<p style="text-align: right;">[21] 2,346,900 [13] A1</p> <p>[51] Int.Cl. 7C07C 249/02 [25] EN [54] METHOD OF PRODUCING KETIMINES [54] PROCEDE POUR LA PRODUCTION DE CETIMINES [72] THOMMEN, MARC, CH [72] HEROLD, PETER, CH [71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH [85] 2001-04-17 [86] 1999-10-19 (PCT/EP99/07894) [87] 2000-05-11 (WO00/26181) [30] CH (2201/98) 1998-10-30</p>	<p style="text-align: right;">[21] 2,346,904 [13] A1</p> <p>[51] Int.Cl. 7B32B 17/10 7B32B 27/00 [25] EN [54] GRAFFITI AND/OR ENVIRONMENTAL PROTECTIVE ARTICLE HAVING REMOVABLE SHEETS, SUBSTRATES PROTECTED THEREWITH, AND A METHOD OF USE [54] ARTICLE ANTI-GRAFFITI ET/OU ANTI-POLLUTION A FEUILLES DEPOSABLES; SUBSTRATS AINSI PROTEGES ET METHODE D'UTILISATION [72] JANSSEN, JEFFREY R., US [72] O'KEEFE, DONALD R., US [72] SHEFFIELD, WILLIAM F., US [72] EVERAERTS, ALBERT I., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-04-17 [86] 1999-10-26 (PCT/US99/25128) [87] 2000-05-04 (WO00/24576) [30] US (09/181,532) 1998-10-28</p>	<p style="text-align: right;">[21] 2,346,906 [13] A1</p> <p>[51] Int.Cl. 7B01D 17/12 [25] EN [54] SYSTEMS FOR SENSING RED BLOOD CELL HEMATOCRIT [54] SYSTEMES DE DETECTION D'HEMATOCRITE [72] MULLER, MATTHEW R., US [72] VANDLIK, MARK R., US [72] JOIE, MICHEL L. T., BE [71] BAXTER INTERNATIONAL INC., US [85] 2001-04-17 [86] 2000-08-29 (PCT/US00/23711) [87] 2001-03-15 (WO01/17650) [30] US (09/389,506) 1999-09-03</p>
<p style="text-align: right;">[21] 2,346,901 [13] A1</p> <p>[51] Int.Cl. 7B61J 3/08 7B61D 47/00 [25] EN [54] METHOD AND DEVICE FOR POSITIONING A TRAIN [54] PROCEDE ET DISPOSITIF POUR LE POSITIONNEMENT D'UN TRAIN [72] KROUZILEK, ROLF, DE [72] BAIER, MICHAEL, DE [72] WEIDEMANN, HANS-JURGEN, DE [72] HILDEBRANDT, KLAUS-DIETER, DE [71] DAIMLERCHRYSLER RAIL SYSTEMS (TECHNOLOGY) GMBH, DE [85] 2001-04-17 [86] 1999-07-08 (PCT/EP99/04825) [87] 2000-05-04 (WO00/24627) [30] DE (198 49 023.2) 1998-10-23</p>	<p style="text-align: right;">[21] 2,346,905 [13] A1</p> <p>[51] Int.Cl. 7F17D 3/14 7C10G 33/06 [25] EN [54] METHOD AND SYSTEM FOR TRANSPORTING A FLOW OF FLUID HYDROCARBONS CONTAINING WATER [54] PROCEDE ET SYSTEME DE TRANSPORT D'HYDROCARBURES LIQUIDES RENFERMANT DE L'EAU [72] LYSNE, DAVID, NO [72] LARSEN, ROAR, NO [72] HJARBO, KAI W., NO [72] LUND, ARE, NO [71] LEIV EIRIKSSON NYFOTEK AS, NO [85] 2001-04-17 [86] 1999-09-21 (PCT/NO99/00293) [87] 2000-05-04 (WO00/25062) [30] NO (19985001) 1998-10-27</p>	<p style="text-align: right;">[21] 2,346,907 [13] A1</p> <p>[51] Int.Cl. 7G09F 11/02 [25] EN [54] MULTIPLE DISPLAY SYSTEM [54] SYSTEME D'AFFICHAGE MULTIPLE [72] GELNETT, STEPHEN A., US [72] HAUGHEY, CHARLES S., US [72] YOUNG, PETER D., US [71] PULSE INDUSTRIES CORPORATION, US [85] 2001-04-17 [86] 1999-10-26 (PCT/US99/25242) [87] 2000-05-11 (WO00/26889) [30] US (09/183,828) 1998-10-30</p>
<p style="text-align: right;">[21] 2,346,903 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/36 [25] EN [54] INTERFERENCE ANALYSIS FOR A MOBILE RADIOTELEPHONE SYSTEM WITH ADAPTIVE ANTENNAE [54] ANALYSE DU BROUILLAGE POUR UN RESEAU RADIOTELEPHONIQUE MOBILE A ANTENNES ADAPTATIVES [72] AROUDAKI, HICHAM, DE [71] MANNESMANN AG, DE [85] 2001-04-17 [86] 1999-09-24 (PCT/DE99/03146) [87] 2000-05-11 (WO00/27147) [30] DE (198 51 701.7) 1998-10-30</p>	<p style="text-align: right;">[21] 2,346,910 [13] A1</p> <p>[51] Int.Cl. 7A61F 13/15 7A61F 13/82 [25] EN [54] PERSONAL CARE WITH AN APERTURE ALIGNED BY A SKIN ADHESIVE FOR RECEIVING FECAL MATERIAL [54] ARTICLE D'HYGIENE PERSONNELLE DESTINE A RECUEILLIR LES MATIERES FECALES, A OUVERTURE ALIGNEE SUR LES ORIFICES NATURELS ET MAINTENUE PAR UN ADHESIF S'APPLIQUANT SUR LA PEAU [72] THURNAY, EVA SUSANNE DOMINIQUE, IT [72] D'ACCHIOLI, VINCENZO, DE [72] ROE, DONALD CARROLL, US [72] PALUMBO, GIANFRANCO, DE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-17 [86] 1999-10-18 (PCT/US99/24291) [87] 2000-05-04 (WO00/24350) [30] US (09/181,258) 1998-10-28</p>	<p style="text-align: right;">[21] 2,346,910 [13] A1</p> <p>[51] Int.Cl. 7A61F 13/15 7A61F 13/82 [25] EN [54] PERSONAL CARE WITH AN APERTURE ALIGNED BY A SKIN ADHESIVE FOR RECEIVING FECAL MATERIAL [54] ARTICLE D'HYGIENE PERSONNELLE DESTINE A RECUEILLIR LES MATIERES FECALES, A OUVERTURE ALIGNEE SUR LES ORIFICES NATURELS ET MAINTENUE PAR UN ADHESIF S'APPLIQUANT SUR LA PEAU [72] THURNAY, EVA SUSANNE DOMINIQUE, IT [72] D'ACCHIOLI, VINCENZO, DE [72] ROE, DONALD CARROLL, US [72] PALUMBO, GIANFRANCO, DE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-17 [86] 1999-10-18 (PCT/US99/24291) [87] 2000-05-04 (WO00/24350) [30] US (09/181,258) 1998-10-28</p>

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[21] **2,346,911**
[13] A1

[51] **Int.Cl. 7G01V 3/24**
[25] EN
[54] **APPARATUS WITH CAPACITIVE ELECTRODES FOR MEASURING ELECTRICAL CHARACTERISTICS IN THE SUBSOIL**
[54] **DISPOSITIF DE MESURE DES CARACTERISTIQUES ELECTRIQUES DANS LE SOUS-SOL A ELECTRODES CAPACITIVES**
[72] SORIN, JEAN-LUC, FR
[72] LAGABRIELLE, RICHARD, FR
[72] LEROUX, VIRGINIE, FR
[71] LABORATOIRE CENTRAL DES PONTS ET CHAUSSEES, FR
[85] 2001-05-04
[86] 1999-08-09 (PCT/FR99/01958)
[87] 2000-02-17 (WO00/08492)
[30] FR (98/10198) 1998-08-07

[21] **2,346,914**
[13] A1

[51] **Int.Cl. 7G02B 23/24**
[25] EN
[54] **DEVICE AND METHOD FOR THE OPTICAL INSPECTION OF CONCEALED SOLDERED CONNECTIONS**
[54] **DISPOSITIF ET PROCEDE POUR L'EXAMEN OPTIQUE DE BRASURES CACHEES**
[72] CANNON, MARK, DE
[71] ERS A GMBH, DE
[85] 2001-04-18
[86] 1999-08-20 (PCT/DE99/02617)
[87] 2000-04-27 (WO00/23844)
[30] DE (198 47 913.1) 1998-10-19

[21] **2,346,915**
[13] A1

[51] **Int.Cl. 7D21C 3/02 7D21C 11/00 7D21C 11/06**
[25] EN
[54] **METHOD FOR PRODUCING CELLULOSE**
[54] **PROCEDE DE PRODUCTION DE CELLULOSE**
[72] GOROKHOV, ALEXANDR, CA
[72] YEREMEYEVA, IRINA, CA
[71] GOROKHOV, ALEXANDR, CA
[71] YEREMEYEVA, IRINA, CA
[85] 2001-05-07
[86] 1999-02-22 (PCT/IB99/00388)
[87] 2000-08-31 (WO00/50689)

[21] **2,346,916**
[13] A1

[51] **Int.Cl. 7B65H 20/00**
[25] EN
[54] **METHOD AND DEVICE FOR REDUCE THE VOLUME OR PRESSURE OF A FLUID THAT IS DRAWN INTO A GAP BY MOVING SURFACES**
[54] **PROCEDE ET DISPOSITIF POUR REDUIRE LE VOLUME OU LA PRESSION D'UN FLUIDE ENTRAINE DANS UN INTERSTICE PAR DES SURFACES EN MOUVEMENT**
[72] RUCKERT, HANS, DE
[72] HOLTSMANN, BRUNO, CH
[72] HUTZENLAUB, ARMIN, DE
[72] WELP, EWALD GEORG, DE
[72] SCHULER, DIETRICH, DE
[71] JAGENBERG PAPIERTECHNIK GMBH, DE
[85] 2001-04-18
[86] 1999-08-06 (PCT/EP99/05691)
[87] 2000-03-16 (WO00/13998)
[30] DE (198 39 916.2) 1998-09-02

[21] **2,346,917**
[13] A1

[51] **Int.Cl. 7G02F 1/1347 7G01J 9/00**
[25] EN
[54] **ELECTROOPTICAL LIGHT MODULATOR**
[54] **MODULATEUR DE LUMIERE ELECTRO-OPTIQUE**
[72] BERESNEV, LEONID, US
[72] DULTZ, WOLFGANG, DE
[72] ONOKHOV, ARKADII, RU
[72] HAASE, WOLFGANG, DE
[71] DEUTSCHE TELEKOM AG, DE
[85] 2001-04-18
[86] 1999-10-29 (PCT/EP99/08206)
[87] 2000-05-25 (WO00/29901)
[30] DE (198 52 890.6) 1998-11-17

[21] **2,346,919**
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04B 7/005 7H04Q 7/32**
[25] EN
[54] **METHOD AND APPARATUS FOR SETTING UP A COMMUNICATION WITH A TARGET BASE STATION IN A CELLULAR OR CORDLESS MOBILE TELECOMMUNICATIONS SYSTEM**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ETABLIR UNE COMMUNICATION AVEC UNE STATION DE BASE CIBLE DANS UN SYSTEME DE TELECOMMUNICATIONS MOBILES CELLULAIRE OU SANS FIL**
[72] FAUCONNIER, DENIS, FR
[71] NORTEL NETWORKS LIMITED, CA
[85] 2001-04-18
[86] 1999-10-19 (PCT/EP99/07934)
[87] 2000-04-27 (WO00/24213)
[30] EP (98402598.1) 1998-10-19

[21] **2,346,923**
[13] A1

[51] **Int.Cl. 7G01N 21/05 7G01N 21/88**
[25] EN
[54] **MEASURING OF FIBER PROPERTIES**
[54] **MESURES DE PROPRIETES DE FIBRES**
[72] KARLSSON, HAKAN INGVAR, SE
[72] FRANSSON, PER-IVAR, SE
[71] FIBERTRACKER AB, SE
[85] 2001-04-18
[86] 1999-10-19 (PCT/SE99/01878)
[87] 2000-04-27 (WO00/23786)
[30] SE (9803557-9) 1998-10-19

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[21] **2,346,926**
[13] A1
[51] **Int.Cl. 7C11D 17/06 7C11D 11/00**
[25] EN
[54] **PROCESSES FOR MAKING GRANULAR DETERGENT COMPOSITION HAVING IMPROVED APPEARANCE AND SOLUBILITY**
[54] **PROCEDES DE PREPARATION D'UNE COMPOSITION DETERGENTE GRANULEUSE AVEC UNE APPARENCE ET UNE SOLUBILITE AMELIOREES**
[72] CAPECI, SCOTT WILLIAM, US
[72] JAGANNATH, GIRISH, JP
[72] DONOGHUE, SCOTT JOHN, GB
[72] GABRIEL, STEVEN MATTHEW, US
[72] MORRISON, CHRISTOPHER ANDREW, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-18
[86] 1999-10-21 (PCT/US99/24686)
[87] 2000-05-04 (WO00/24863)
[30] US (60/105,576) 1998-10-26

[21] **2,346,930**
[13] A1
[51] **Int.Cl. 6F04B 19/22 6F04B 49/00**
[25] EN
[54] **DETECTING OBSTRUCTIONS IN ENTERAL/PARENTERAL FEEDING TUBES AND AUTOMATIC REMOVAL OF CLOGS THEREFROM**
[54] **DETECTION D'OBSTRUCTIONS DANS DES TUBES D'ALIMENTATION ENTERALE/PARENTERALE ET ENLEVEMENT AUTOMATIQUE DES CAILLOTS OBSTRUANT CES TUBES**
[72] NEMER, RICHARD E., US
[72] MANZIE, PATRICK, US
[72] PAVSEK, THOMAS J., US
[72] HONARD, MARK R., US
[72] CHESNES, CHARLIE P., US
[72] FRANTZ, MARK G., US
[71] FRANTZ MEDICAL DEVELOPMENT LTD., US
[85] 2001-04-18
[86] 1999-11-04 (PCT/US99/26149)
[87] 2000-05-11 (WO00/26537)
[30] US (09/186,794) 1998-11-05

[21] **2,346,933**
[13] A1
[51] **Int.Cl. 7A61K 31/445 7C07D 401/04 7C07D 221/20 7C07D 211/32 7C07D 211/52 7C07D 211/58 7C07D 211/62 7C07D 211/66 7C07D 211/76**
[25] EN
[54] **N-UREIDOALKYL-PIPERIDINES AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY**
[54] **N-UREIDOALKYL-PIPERIDINES UTILISEES EN TANT QUE MODULATEURS DE L'ACTIVITE DES RECEPTEURS DES CHIMIOKINES**
[72] DELUCCA, GEORGE V., US
[72] SANTELLA, JOSEPH B., III, US
[72] DUNCIA, JOHN V., US
[72] GARDNER, DANIEL S., US
[72] KO, SOO S., US
[71] DUPONT PHARMACEUTICALS COMPANY, US
[85] 2001-04-18
[86] 1999-12-17 (PCT/US99/30292)
[87] 2000-06-22 (WO00/35449)
[30] US (60/112,717) 1998-12-18
[30] US (60/161,122) 1999-10-22

[21] **2,347,001**
[13] A1
[51] **Int.Cl. 7C07D 401/12 7A61K 31/4709**
[25] EN
[54] **VITREOUS FORM OF KNOWN BRADYKININ ANTAGONIST**
[54] **FORME VITREUSE D'UN ANTAGONISTE CONNU DE BRADYKININE**
[72] AOKI, OSAMU, JP
[72] OHIKE, ATSUO, JP
[72] OKIMOTO, KAZUTO, JP
[72] ISHIKURO, HIROSHI, JP
[72] OHNISHI, NORIO, JP
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP
[85] 2001-04-19
[86] 1999-10-07 (PCT/JP99/05519)
[87] 2000-04-27 (WO00/23439)
[30] JP (10/299252) 1998-10-21

[21] **2,347,002**
[13] A1
[51] **Int.Cl. 6G01N 31/00 6G01N 33/48 6G01N 33/53 6G01N 33/543 6G01N 33/544 6G01N 33/566 6G01N 33/567**
[25] EN
[54] **PROTEIN QUANTITATION WITH CELL IMAGING DENSITOMETRY**
[54] **QUANTIFICATION PROTEIQUE AVEC DENSITOMETRIE PAR IMAGERIE CELLULAIRE**
[72] SMITH, STEVEN JAY, US
[71] SMITH, STEVEN JAY, US
[85] 2001-04-19
[86] 1999-07-13 (PCT/US99/15743)
[87] 2000-04-27 (WO00/23799)
[30] US (60/105,163) 1998-10-21

[21] **2,347,003**
[13] A1
[51] **Int.Cl. 7A61K 45/06 7A61P 35/00**
[25] EN
[54] **MODULATION OF GENE EXPRESSION BY COMBINATION THERAPY**
[54] **MODULATION DE L'EXPRESSION GENETIQUE PAR THERAPIE COMBINEE**
[72] BESTERMAN, JEFFREY M., CA
[72] SIDERS, WILLIAM M., US
[72] MACLEOD, ALAN ROBERT, CA
[71] METHYLGENE, INC., CA
[85] 2001-04-19
[86] 1999-10-19 (PCT/US99/24278)
[87] 2000-04-27 (WO00/23112)
[30] US (60/104,804) 1998-10-19

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,347,004 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/77 6C12M 1/00 6C12Q 1/04 6C12N 1/10 6C12N 1/12 6C12N 1/14 6C12N 1/16 6C12N 1/18 6C12N 1/20 6C12Q 1/24 6G01N 1/40 6G01N 33/44 6G01N 33/53 6G01N 33/531 6G01N 33/537 6G01N 33/543 6G01N 33/545 6G01N 33/549 6G01N 33/554 6G01N 33/566 6G01N 33/567 6G01N 33/569 6C12Q 1/68</p> <p>[25] EN</p> <p>[54] METHODS OF CONCENTRATING MICROORGANISMS USING AFFINITY SEPARATION</p> <p>[54] PROCEDE DE CONCENTRATION DE MICRO-ORGANISMES AU MOYEN D'UNE SEPARATION PAR AFFINITE</p> <p>[72] SHOSEYOV, ODED, IL [72] SAUNDERS, ANTHONY, GB [72] SIEGEL, DANIEL L., IL [71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL [71] CBD TECHNOLOGIES LTD., IL [85] 2001-04-19 [86] 1999-08-04 (PCT/US99/17589) [87] 2000-04-27 (WO00/23792) [30] US (09/175,040) 1998-10-19 [30] US (09/301,451) 1999-04-29</p>	<p style="text-align: right;">[21] 2,347,016 [13] A1</p> <p>[51] Int.Cl. 7A01B 1/18</p> <p>[25] EN</p> <p>[54] ELIMINATION OF UNWANTED PLANTS, AND APPARATUS THEREFOR</p> <p>[54] ELIMINATION DE PLANTES INDESIRABLES ET APPAREIL S'Y RAPPORTANT</p> <p>[72] NEGUS, FREDERICK DE WET, ZA [71] NEGUS, FREDERICK DE WET, ZA [85] 2001-04-12 [86] 1999-10-12 (PCT/IB99/01658) [87] 2000-04-20 (WO00/21352) [30] ZA (98/9277) 1998-10-12</p>	<p style="text-align: right;">[21] 2,347,022 [13] A1</p> <p>[51] Int.Cl. 7F04B 49/00</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR CONTROL OF PUMPS</p> <p>[54] PROCEDE ET DISPOSITIF DE REGULATION DE POMPES</p> <p>[72] WESTBERG, TOM, US [72] JACOBSON, JAMES D., US [72] BRACH, WILLIAM E., US [72] BROWN, RICHARD I., US [72] NAYAK, ABINASH, US [72] MULLEN, RICHARD, US [72] YU, CLEMENT L., US [71] BAXTER INTERNATIONAL INC., US [85] 2001-04-17 [86] 2000-08-29 (PCT/US00/23791) [87] 2001-03-15 (WO01/18395) [30] US (09/390,491) 1999-09-03 [30] US (09/390,269) 1999-09-03</p>
<p style="text-align: right;">[21] 2,347,015 [13] A1</p> <p>[51] Int.Cl. 7C07F 7/00 7C07F 17/00 7B01J 31/00 7C08F 4/44</p> <p>[25] EN</p> <p>[54] PREPARATION OF BIS ARYL CYCLOPENTADIENYL GROUP IVA METAL DIHALIDES</p> <p>[54] PREPARATION DE DIHALOGENURES DE METAUX DU GROUPE IVA BIS-ARYL-CYCLOPENTADIENYLE</p> <p>[72] GAREYEV, ROUSTAM, US [72] SULLIVAN, JEFFREY M., US [71] BOULDER SCIENTIFIC COMPANY, US [85] 2001-04-12 [86] 2000-08-18 (PCT/US00/22954) [87] 2001-03-01 (WO01/14389) [30] US (09/382,195) 1999-08-23</p>	<p style="text-align: right;">[21] 2,347,017 [13] A1</p> <p>[51] Int.Cl. 7C09C 1/36</p> <p>[25] EN</p> <p>[54] KOH NEUTRALIZED METATITANIC ACID MIXTURE AND COMPLEX INORGANIC PIGMENTS CONTAINING THE SAME</p> <p>[54] MELANGE D'ACIDE METATITANIQUE NEUTRALISE AVEC L'HYDROXYDE DE POTASSIUM ET PIGMENTS INORGANQUES COMPLEXES LE CONTENANT</p> <p>[72] HOWELL, WILLIAM L., JR., US [72] MAZZELLA, FRANK A., US [72] EDWARDS, THOMAS V., US [71] ENGELHARD CORPORATION, US [85] 2001-04-12 [86] 1999-10-13 (PCT/US99/22939) [87] 2000-04-27 (WO00/23527) [30] US (09/173,894) 1998-10-16</p>	<p style="text-align: right;">[21] 2,347,026 [13] A1</p> <p>[51] Int.Cl. 7G01N 30/04 7B01D 15/08</p> <p>[25] EN</p> <p>[54] METHOD FOR DISPLACEMENT CHROMATOGRAPHY</p> <p>[54] PROCEDE DE CHROMATOGRAPHIE DE DEPLACEMENT</p> <p>[72] AGNER, ERIK, NO [71] AGNER, ERIK, NO [85] 2001-04-17 [86] 1999-10-20 (PCT/GB99/03463) [87] 2000-04-27 (WO00/23798) [30] GB (9822963.6) 1998-10-20</p>
<p style="text-align: right;">[21] 2,347,019 [13] A1</p> <p>[51] Int.Cl. 7A61F 13/62 7A61F 13/64</p> <p>[25] EN</p> <p>[54] DISPOSABLE ABSORBENT ARTICLE HAVING REUSABLE FASTENING MEANS</p> <p>[54] ARTICLE ABSORBANT JETABLE MUNI D'UN SYSTEME DE FIXATION REUTILISABLE</p> <p>[72] WILLMS, ERIC-JOACHIM, DE [72] TILLY, EDGAR LIONEL, DE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-12 [86] 1999-10-06 (PCT/US99/23298) [87] 2000-04-27 (WO00/23025) [30] EP (98119574.6) 1998-10-16</p>	<p style="text-align: right;">[21] 2,347,028 [13] A1</p> <p>[51] Int.Cl. 6A61M 31/00 6A61N 1/05</p> <p>[25] EN</p> <p>[54] SYSTEMS AND COMPOUNDS FOR DRUG DELIVERY TO INTERSTITIAL REGIONS OF THE MYOCARDIUM</p> <p>[54] SYSTEMES ET COMPOSES DESTINES A L'ADMINISTRATION DE MEDICAMENT DANS DES REGIONS INTERSTITIELLES DU MYOCARDE</p> <p>[72] ALTMAN, PETER A., US [72] CROCKETT, K. DAVID, US [71] BIOCARDIA, INC., US [85] 2001-04-17 [86] 1999-10-22 (PCT/US99/25068) [87] 2000-05-04 (WO00/24452) [30] US (09/177,765) 1998-10-23 [30] US (09/407,461) 1999-09-28</p>	

PCT Applications Entering the National Phase

[21] **2,347,031**
[13] A1

[51] **Int.Cl. 7B32B 27/08 7B65D 65/40**
[25] EN
[54] **NEW HIGH RESISTANCE HEAT-SHRINKABLE THERMOPLASTIC FILM**

[54] **NOUVEAU FILM THERMOPLASTIQUE THERMORETRACTABLE A HAUTE RESISTANCE**

[72] PALEARI, MARIO, IT
[72] BUZZI, GIAMPAOLO, IT
[71] CRYOVAC, INC., US
[85] 2001-04-17
[86] 1999-10-19 (PCT/EP99/07941)
[87] 2000-05-11 (WO00/26024)
[30] EP (98120475.3) 1998-10-29

[21] **2,347,038**
[13] A1

[51] **Int.Cl. 7A61M 37/00 7F04B 17/00 7F04B 35/00 7B01D 37/00 7B01D 61/00 7B01D 63/00 7C02F 1/00 7F04B 9/08 7C02F 1/44**

[25] EN
[54] **BLOOD PROCESSING SYSTEMS AND METHODS WITH ON-LINE MIXING OF REPLACEMENT FLUIDS**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT DU SANG A MELANGE EN LIGNE DE FLUIDES DE REMPLACEMENT**

[72] BRANTIGAN, BARBARA B., US
[72] VISHNOI, ROHIT, US
[72] WESTBERG, TOM, US
[72] MULLER, MATTHEW R., US
[71] BAXTER INTERNATIONAL INC., US
[85] 2001-04-17
[86] 2000-08-29 (PCT/US00/23720)
[87] 2001-03-15 (WO01/17607)
[30] US (09/389,497) 1999-09-03

[21] **2,347,041**
[13] A1

[51] **Int.Cl. 6B24C 3/06 6B24C 9/00 6B24C 5/04**

[25] EN
[54] **METHOD AND DEVICE FOR TREATING, ESPECIALLY CLEANING, ABRASIVE CLEARING OR STRIPPING OF COATINGS, GRAFFITI OR OTHER SUPERFICIAL SOILING ON PARTS, WORK PIECES OR SURFACES**

[54] **PROCEDE ET DISPOSITIF POUR TRAITER, NOTAMMENT POUR NETTOYER, RETIRER OU DETACHER PAR ABRASION, DES REVETEMENTS, GRAFFITI OU AUTRES SALISSURES SUPERFICIELLES SUR DES PIECES OU SURFACES.**

[72] PIEPER, GERARD, DE
[71] PIEPER, GERARD, DE
[85] 2001-04-17
[86] 1998-10-19 (PCT/DE98/03106)
[87] 1999-04-29 (WO99/20435)
[30] DE (197 47 838.7) 1997-10-19

[21] **2,347,073**
[13] A1

[51] **Int.Cl. 7E21B 4/02**
[25] EN
[54] **DOWN HOLE MOTORS AND METHODS FOR THEIR OPERATION**
[54] **MOTEURS DE FOND DE Puits ET PROCEDES SERVANT A LES METTRE EN SERVICE**

[72] HAUGHOM, PER OLAF, NO
[72] SUNDE, EGIL, NO
[71] DEN NORSKE STATS OLJESELSKAP A.S., NO
[85] 2001-04-17
[86] 1999-10-25 (PCT/GB99/03511)
[87] 2000-05-04 (WO00/24997)
[30] GB (9823411.5) 1998-10-26

[21] **2,347,074**
[13] A1

[51] **Int.Cl. 7C05D 9/02 7C05G 3/00 7C01B 35/12**

[25] EN
[54] **POURABLE AQUEOUS BORON-CONTAINING COMPOSITIONS AND THEIR PREPARATION**
[54] **COMPOSITIONS AQUEUSES COULABLES CONTENANT DU BORE ET LEUR MODE DE PREPARATION**

[72] CAMPBELL, COLIN WILLIAM, GB
[72] HAYATI, IGAN, GB
[71] U.S. BORAX INC., US
[85] 2001-04-17
[86] 1999-10-18 (PCT/GB99/03431)
[87] 2000-04-27 (WO00/23397)
[30] GB (9822797.8) 1998-10-19

[21] **2,347,086**
[13] A1

[51] **Int.Cl. 7C08K 3/00 7C08K 7/00 7C08J 5/18**

[25] EN
[54] **POLYMERIC, SEMICRYSTALLINE THERMOPLASTIC MATERIAL WITH NANOSCALE NUCLEATING AGENT AND HIGH TRANSPARENT MOLDED PARTS PRODUCED THEREFROM**
[54] **MATERIAU POLYMERE SEMI-CRISTALLIN THERMOPLASTIQUE CONTENANT DES AGENTS DE NUCLEATION NANOSCOPIQUES, ET PIECES MOULEES EXTREMEMENT TRANSPARENTES PRODUITES A PARTIR DUDIT MATERIAU**

[72] BRANDT, RAINER, DE
[72] KASCHEL, GREGOR, DE
[72] EGGERS, HOLGER, DE
[71] WOLFF WALSRÖDE AG, DE
[85] 2001-04-12
[86] 1999-10-04 (PCT/EP99/07348)
[87] 2000-04-27 (WO00/23512)
[30] DE (198 47 844.5) 1998-10-16

Demandes PCT entrant en phase nationale

[21] **2,347,087**
[13] A1

[51] **Int.Cl. 7C07D 251/60 7B01D 3/34 7C07D 251/62**

[25] EN

[54] **METHOD FOR PREPARING**

MELAMINE

[54] **PROCEDE DE PREPARATION DE MELAMINE**

[72] TJIOE, TJAY TJIEN, NL

[71] DSM N.V., NL

[85] 2001-04-12

[86] 1999-06-10 (PCT/NL99/00362)

[87] 2000-04-20 (WO00/21940)

[30] NL (1010316) 1998-10-14

[21] **2,347,088**
[13] A1

[51] **Int.Cl. 6B60L 1/00**

[25] EN

[54] **AUXILIARY MACHINERY**

DRIVER FOR CAR

[54] **DISPOSITIF D'ENTRAINEMENT DE MACHINES AUXILIAIRES D'AUTOMOBILE**

[72] YAMADA, YOSHIKI, JP

[72] YAMADA, JUN, JP

[72] SASAKI, MASAKAZU, JP

[71] NISSAN DIESEL CO., LTD., JP

[85] 2001-04-12

[86] 1999-03-24 (PCT/JP99/01495)

[87] 2000-04-20 (WO00/21775)

[30] JP (10/293672) 1998-10-15

[21] **2,347,089**
[13] A1

[51] **Int.Cl. 7G08G 1/16 7G08G 1/0967 7H04L 12/56**

[25] EN

[54] **METHOD FOR DISSEMINATING A MESSAGE**

[54] **PROCEDE DE DIFFUSION D'UNE INFORMATION**

[72] BRIESEMEISTER, LINDA, DE

[71] DAIMLERCHRYSLER AG, DE

[85] 2001-04-12

[86] 1999-09-10 (PCT/EP99/06675)

[87] 2000-04-27 (WO00/23966)

[30] DE (198 49 294.4) 1998-10-16

[21] **2,347,090**
[13] A1

[51] **Int.Cl. 7B01D 71/52 7H01M 8/02 7C08L 71/12 7B01J 39/18 7C08J 5/22 7B01D 61/42 7B01D 61/44**

[25] EN

[54] **MEMBRANES CONTAINING SULFONATED POLYETHER KETONE AND ANOTHER POLYMER, PROCESS FOR THEIR PRODUCTION, AND THEIR USE**

[54] **MEMBRANES CONTENANT DU POLYETHERCETONE SULFONE ET UN AUTRE POLYMERE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION**

[72] PADBERG, CHRISTOPH, DE

[72] FRANK, GEORG, DE

[72] SOCZKA-GUTH, THOMAS, DE

[71] CELANESE VENTURES GMBH, DE

[85] 2001-04-12

[86] 1999-09-18 (PCT/EP99/06929)

[87] 2000-04-27 (WO00/23177)

[30] DE (198 47 782.1) 1998-10-16

[21] **2,347,091**
[13] A1

[51] **Int.Cl. 7A61M 35/00**

[25] EN

[54] **METHOD AND APPARATUS FOR DIRECT IN VIVO GENE TRANSFER BY ELECTROTRANSFECTION**

[54] **PROCEDE ET APPAREIL DESTINES AU TRANSFERT DE GENES DIRECT IN VIVO) PAR ELECTROTRANSFECTION**

[72] YOO, JAMES J., US

[72] ATALA, ANTHONY, US

[71] CHILDREN'S MEDICAL CENTER CORPORATION, US

[85] 2001-04-12

[86] 1999-10-15 (PCT/US99/23870)

[87] 2000-04-20 (WO00/22095)

[30] US (60/104,403) 1998-10-15

[21] **2,347,092**
[13] A1

[51] **Int.Cl. 7C07C 229/00 7C07C 211/00 7C07C 213/00 7C07C 215/00 7C07C 233/00**

[25] EN

[54] **1,2-DISUBSTITUTED CYCLOPROPANES**

[54] **CYCLOPROPANES A**

DISUBSTITUTION EN POSITION 1 ET 2

[72] RYBCZYNSKI, PHILIP JAMES, US

[72] COHEN, JUDITH HOPE, US

[72] COMBS, DONALD WARD, US

[71] ORTHO-MCNEIL

PHARMACEUTICAL, INC., US

[85] 2001-04-12

[86] 1999-10-13 (PCT/US99/23779)

[87] 2000-04-20 (WO00/21910)

[30] US (60/104,132) 1998-10-14

[21] **2,347,093**
[13] A1

[51] **Int.Cl. 7C09C 1/56 7C09C 3/10 7C09C 1/46**

[25] EN

[54] **POLYMER COATED CARBON PRODUCTS AND OTHER PIGMENTS AND METHODS OF MAKING SAME BY AQUEOUS MEDIA POLYMERIZATIONS OR SOLVENT COATING METHODS**

[54] **PRODUITS CARBONE REVETUS DE POLYMERE ET AUTRES PIGMENTS ET LEURS PROCEDES DE PRODUCTION PAR DES POLYMERISATIONS EN MILIEU AQUEUX OU DES PROCEDES DE REVETEMENT A L'AIDE D'UN SOLVANT**

[72] CASADO-PORTILLA, ROSA, US

[72] STANFORD, JOHN L., GB

[72] HONEYMAN, CHARLES H., US

[72] LOVELL, PETER A., GB

[72] AMICI, ROBERT M., US

[72] COOKE, JOEL M., US

[71] CABOT CORPORATION, US

[85] 2001-04-12

[86] 1999-10-08 (PCT/US99/23429)

[87] 2000-04-20 (WO00/22051)

[30] US (60/104,117) 1998-10-13

[30] US (09/317,706) 1999-05-24

PCT Applications Entering the National Phase

[21] **2,347,094**
[13] A1

[51] **Int.Cl. 7C12N 1/14 7A23D 7/00 7A23K 1/16 7C12P 7/64**
[25] EN
[54] **MICROORGANISM SECRETING OUT LIPID AND PROCESS FOR PRODUCING THE LIPID AND LIPID BALLS HAVING THE LIPID ENCAPSULATING THEREIN BY USING THE MICROORGANISM**
[54] **MICRO-ORGANISME SECRETANT UN LIPIDE ET PROCEDE DE PRODUCTION DE CE LIPIDE ET DE CAPSULES CONTENANT CE LIPIDE AU MOYEN DE CE MICRO-ORGANISME**
[72] KAWASHIMA, HIROSHI, JP
[72] AKIMOTO, KENGO, JP
[72] SHIMIZU, SAKAYU, JP
[71] SUNTORY LIMITED, JP
[85] 2001-04-12
[86] 2000-08-11 (PCT/JP00/05425)
[87] 2001-02-22 (WO01/12780)
[30] JP (11/229509) 1999-08-13

[21] **2,347,095**
[13] A1

[51] **Int.Cl. 7C07D 401/04 7C07D 498/04 7C07D 513/04 7A61P 3/04 7C07D 401/06 7C07D 413/06 7C07D 401/12 7C07D 401/14 7C07D 223/16 7C07D 217/22 7A61K 31/4545 7A61K 31/55 7A61K 31/553**
[25] EN
[54] **NITROGENOUS FUSED HETEROCYCLE COMPOUNDS, PROCESS FOR THE PREPARATION THEREOF AND AGENTS CONTAINING THE SAME**
[54] **COMPOSES AZOTES HEREROCYCLIQUES CONDENSES; PROCEDE DE FABRICATION ET AGENTS LES RENFERMANT**
[72] SASAKI, MITSURU, JP
[72] FUJISAWA, YUKIO, JP
[72] FURUYAMA, NAOKI, JP
[72] ISHIHARA, YUJI, JP
[72] ISHICHI, YUJI, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2001-04-12
[86] 1999-10-15 (PCT/JP99/05705)
[87] 2000-04-27 (WO00/23437)
[30] JP (10/295213) 1998-10-16
[30] JP (10/295488) 1998-10-16

[21] **2,347,096**
[13] A1

[51] **Int.Cl. 7A61K 7/48**
[25] EN
[54] **SKIN CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOIN DE LA PEAU**
[72] TREMBLAY, MARIO, US
[72] DATE, ROBERT FRANCIS, GB
[72] BECK, PETRA HELGA, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-12
[86] 1999-06-28 (PCT/US99/14569)
[87] 2000-05-04 (WO00/24372)
[30] US (PCT/US98/22483) 1998-10-23

[21] **2,347,097**
[13] A1

[51] **Int.Cl. 7A61K 31/23 7C11B 3/10 7A61K 47/10 7A61K 31/44 7A61K 31/47**
[25] EN
[54] **PROCESS FOR PURIFICATION OF SOLVENTS USEFUL IN THE PREPARATION OF PHARMACEUTICAL COMPOSITIONS**
[54] **PROCEDE DE PURIFICATION DE SOLVANTS S'UTILISANT POUR LA PREPARATION DE COMPOSITIONS PHARMACEUTIQUES**
[72] ANEVSKI, PHILLIP J., US
[71] BEN VENUE LABORATORIES, INC., US
[85] 2001-04-12
[86] 1999-10-20 (PCT/US99/24552)
[87] 2000-04-27 (WO00/23070)
[30] US (60/104,930) 1998-10-20

[21] **2,347,098**
[13] A1

[51] **Int.Cl. 7A61K 31/203 7A61K 9/14 7A61K 9/48**
[25] EN
[54] **COMPOSITIONS OF AND PROCESS FOR PRODUCING ISOTRETINOIN HAVING LOW PARTICLE SIZE**
[54] **COMPOSITIONS D'ISOTRETINOINE DE FAIBLE GRANULOMETRIE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] SHAH, NAVNIT HARGOVINDAS, US
[72] AHMED, HASHIM A., US
[72] INFELD, MARTIN HOWARD, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2001-04-12
[86] 1999-10-29 (PCT/EP99/08208)
[87] 2000-05-11 (WO00/25772)
[30] US (60/106,331) 1998-10-30

[21] **2,347,099**
[13] A1

[51] **Int.Cl. 7A61K 39/39 7A61K 39/00 7A61P 35/00 7A61K 39/015 7A61P 31/04 7A61P 33/06 7A61P 37/08 7A61P 31/12 7A61K 39/29**
[25] EN
[54] **ADJUVANT SYSTEMS AND VACCINES**
[54] **PRODUITS D'ADDITION ET VACCINS**
[72] GARCON, NATHALIE, BE
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE
[85] 2001-04-12
[86] 1999-10-08 (PCT/EP99/07764)
[87] 2000-04-27 (WO00/23105)
[30] GB (9822703.6) 1998-10-16
[30] GB (9822709.3) 1998-10-16
[30] GB (9822712.7) 1998-10-16

[21] **2,347,100**
[13] A1

[51] **Int.Cl. 7A61K 31/473 7C07D 221/18 7A61K 31/4741**
[25] EN
[54] **NOVEL INDENOISOQUINOLINES AS ANTINEOPLASTIC AGENTS**
[54] **NOUVELLES INDENO-ISOQUINOLEINES UTILISEES EN TANT QU'AGENTS ANTINEOPLASIQUES**
[72] CUSHMAN, MARK S., US
[72] JAYARAMAN, MUTHUSAMY, US
[72] POMMIER, YVES G., US
[72] NAGAFUJI, PAMELA M., US
[71] PURDUE RESEARCH FOUNDATION, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US
[85] 2001-04-12
[86] 1999-10-14 (PCT/US99/23900)
[87] 2000-04-20 (WO00/21537)
[30] US (60/104,226) 1998-10-14

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[21] **2,347,101**
[13] A1
[51] **Int.Cl. 6A61B 17/04**
[25] EN
[54] **A GROMMET AND METHOD THEREFOR**
[54] **OEILLET ET PROCEDE CORRESPONDANT**
[72] GRIFFIN, WAYNE P., US
[72] MAGOVERN, JAMES A., US
[72] JOHNSON, GREG A., US
[72] KLETZLI, DAVID W., US
[71] CARDIAC ASSIST TECHNOLOGIES, INC., US
[85] 2001-04-12
[86] 1999-10-15 (PCT/US99/23888)
[87] 2000-04-27 (WO00/22990)
[30] US (09/173,872) 1998-10-16

[21] **2,347,102**
[13] A1
[51] **Int.Cl. 7C07K 14/60 7C07K 5/06 7A61K 38/25**
[25] EN
[54] **COMPOUNDS WITH GROWTH HORMONE RELEASING PROPERTIES**
[54] **COMPOSES PRESENTANT DES PROPRIETES DE LIBERATION D'HORMONE DE CROISSANCE**
[72] ANKERSEN, MICHAEL, DK
[72] RICHTER, LUTZ STEFAN (deceased), ZZ
[71] NOVO NORDISK A/S, DK
[85] 2001-04-17
[86] 1999-11-03 (PCT/DK99/00594)
[87] 2000-05-11 (WO00/26252)
[30] DK (PA 1998 01414) 1998-11-03

[21] **2,347,103**
[13] A1
[51] **Int.Cl. 6C12Q 1/34 6C12Q 1/26 6C12Q 1/32**
[25] EN
[54] **ENZYMATIC METHODS FOR MEASURING LYSOPHOSPHOLIPIDS AND PHOSPHOLIPIDS AND CORRELATION WITH DISEASES**
[54] **METHODES ENZYMATIQUES DE MESURE DE LYSOPHOSPHOLIPIDES ET DE PHOSPHOLIPIDES LIES A DES ETATS PATHOLOGIQUES**
[72] SMALL, CHRISTOPHER L., US
[72] PARROTT, JEFF A., US
[72] XU, LIANG ZHONG, US
[71] ATAIRGIN TECHNOLOGIES, INC., US
[85] 2001-04-17
[86] 1999-10-22 (PCT/US99/24969)
[87] 2000-04-27 (WO00/23612)
[30] US (09/176,813) 1998-10-22

[21] **2,347,104**
[13] A1
[51] **Int.Cl. 7A61K 47/08 7A61K 9/14 7A61K 9/22 7A61K 47/30**
[25] EN
[54] **SUSTAINED-RELEASE PARTICLES**
[54] **PARTICULES A LIBERATION PROLONGEE**
[72] NAGAO, KEIGO, JP
[72] ISHIBASHI, TAKASHI, JP
[72] MIZOBE, MASAKAZU, JP
[72] IKEGAMI, KENGO, JP
[72] YOSHINO, HIROYUKI, JP
[71] TANABE SEIYAKU CO., LTD., JP
[85] 2001-04-17
[86] 1999-10-22 (PCT/JP99/05834)
[87] 2000-04-05 (WO00/24423)
[30] JP (10/304030) 1998-10-26

[21] **2,347,105**
[13] A1
[51] **Int.Cl. 7A61K 9/00 7A61K 9/20**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION WITH GASTRIC RESIDENCE AND CONTROLLED RELEASE**
[54] **COMPOSITION PHARMACEUTIQUE A RESIDENCE GASTRIQUE ET A LIBERATION CONTROLEE**
[72] ALAUX, GERARD, FR
[72] ANDRE, FREDERIC, FR
[72] CUINE, ALAIN, FR
[72] LEWIS, GARETH, FR
[71] SANOFI-SYNTHELABO, FR
[85] 2001-04-17
[86] 1999-10-12 (PCT/FR99/02443)
[87] 2000-04-27 (WO00/23045)
[30] FR (98/12977) 1998-10-16

[21] **2,347,125**
[13] A1
[51] **Int.Cl. 6G01N 33/53 6C07B 61/00 6C12Q 1/00 6C07K 1/04 6G01N 33/556 6C12Q 1/68**
[25] EN
[54] **METHODS OF MAKING PATTERNED ARRAYS OF ANALYTE-BINDING MOLECULES**
[54] **PROCEDES PERMETTANT DE CREER DES RESEAUX A MOTIFS DE MOLECULES DE LIAISON D'ANALYTES**
[72] MILLSTEIN, LARRY S., US
[71] MILLSTEIN, LARRY S., US
[85] 2001-04-17
[86] 1999-10-15 (PCT/US99/23860)
[87] 2000-04-27 (WO00/23803)
[30] US (60/104,642) 1998-10-16
[30] US (60/104,643) 1998-10-16
[30] US (PCT/US98/21860) 1998-10-16

[21] **2,347,126**
[13] A1
[51] **Int.Cl. 7B60R 16/02**
[25] EN
[54] **CONFIGURATION PROGRAMMING OF INPUT/OUTPUT CONNECTIONS FOR NETWORK MODULES IN A MULTIPLEXED VEHICLE COMMUNICATION SYSTEM**
[54] **PROGRAMMATION DE CONFIGURATION DE CONNEXIONS D'ENTREE ET DE SORTIE POUR DES MODULES DE RESEAU DANS UN SYSTEME MULTIPLEXE DE COMMUNICATION DE VEHICULE**
[72] DANNENBERG, ROBERT D., US
[71] INTERNATIONAL TRUCK AND ENGINE CORPORATION, US
[85] 2001-04-17
[86] 1999-11-29 (PCT/US99/28355)
[87] 2000-07-06 (WO00/38953)
[30] US (60/113,443) 1998-12-23

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[21] **2,347,127**
[13] A1
[51] **Int.Cl. 6G02B 26/00 6G02B 26/08 6G09G 3/34**
[25] EN
[54] **BISTABLE PAPER WHITE DIRECT VIEW DISPLAY**
[54] **DISPOSITIF D’AFFICHAGE POUR VISION DIRECTE, BLANC PAPIER, BISTABLE**
[72] LITTLE, MICHAEL J., US
[72] ROBINSON, WILLIAM P., US
[72] GIFFORD, ERIC A., US
[71] MEMSOLUTIONS, INC., US
[85] 2001-04-17
[86] 1999-10-14 (PCT/US99/21456)
[87] 2000-05-04 (WO00/25169)
[30] US (09/179,750) 1998-10-28

[21] **2,347,128**
[13] A1
[51] **Int.Cl. 7C12N 15/52 7C07D 313/00 7C07H 17/08 7C12N 9/10 7C12N 15/62 7C12P 19/62**
[25] EN
[54] **LIBRARY OF NOVEL "UNNATURAL" NATURAL PRODUCTS**
[54] **BANQUE DE NOUVEAUX PRODUITS NATURELS =**
[72] MCDANIEL, ROBERT, US
[71] KOSAN BIOSCIENCES, INC., US
[85] 2001-04-17
[86] 1999-10-20 (PCT/US99/24483)
[87] 2000-05-04 (WO00/24907)
[30] US (60/105,987) 1998-10-28

[21] **2,347,130**
[13] A1
[51] **Int.Cl. 7A61M 37/00 7F04B 17/00 7F04B 35/00 7F04B 49/00 7B01D 37/00 7B01D 61/00 7B01D 63/00 7C02F 1/00 7F04B 9/08 7C02F 1/44**
[25] EN
[54] **BLOOD SEPARATION SYSTEMS AND METHODS USING A MULTIPLE FUNCTION PUMP STATION TO PERFORM DIFFERENT ON-LINE PROCESSING TASKS**
[54] **SYSTEMES DE SEPARATION DU SANG ET PROCEDES UTILISANT UNE STATION DE POMPAGE A FONCTIONS MULTIPLES AFIN DE REALISER DIFFERENTES TRAVAUX EN LIGNE**
[72] VANDLIK, MARK R., US
[72] VISHNOI, ROHIT, US
[72] WESTBERG, TOM, US
[71] BAXTER INTERNATIONAL INC., US
[85] 2001-04-17
[86] 2000-08-29 (PCT/US00/23690)
[87] 2001-03-15 (WO01/17605)
[30] US (09/389,504) 1999-09-03

[21] **2,347,132**
[13] A1
[51] **Int.Cl. 6A61B 5/00 6A61C 17/06**
[25] EN
[54] **DEVICE AND METHOD FOR AUTOMATIC COLLECTION OF SALIVA**
[54] **DISPOSITIF ET PROCEDE DE PRELEVEMENT AUTOMATIQUE DE SALIVE**
[72] TATUM, G. ROGER, US
[72] SMITH, DAVID J., US
[72] CHANG, CONNIE, US
[72] WOODRUFF, CHARLES JR., US
[71] LIFEPOINT, INC., US
[85] 2001-04-17
[86] 1999-10-26 (PCT/US99/25082)
[87] 2000-05-11 (WO00/25666)
[30] US (09/183,295) 1998-10-30

[21] **2,347,133**
[13] A1
[51] **Int.Cl. 6G06F 17/60**
[25] EN
[54] **METHOD AND APPARATUS FOR REAL TIME ON LINE CREDIT APPROVAL**
[54] **PROCEDE ET APPAREIL D’APPROBATION DE CREDIT EN LIGNE EN TEMPS REEL**
[72] LENT, JEREMY R., US
[72] LENT, MARY, US
[72] MEEKS, ERIC R., US
[72] CAI, YINZI, US
[72] DOWHAN, DAVID W., US
[72] COLTRELL, TIMOTHY J., US
[71] NEXTCARD, INC., US
[85] 2001-04-17
[86] 1999-10-25 (PCT/US99/25083)
[87] 2000-05-11 (WO00/26831)
[30] US (09/185,201) 1998-11-03

[21] **2,347,135**
[13] A1
[51] **Int.Cl. 7B32B 5/08 7D04H 13/00 7B32B 5/26**
[25] EN
[54] **LAMINATED ELASTIC COMPOSITES**
[54] **COMPOSITES ELASTIQUES LAMINES**
[72] MENZIES, ROBERT H., US
[72] SEIDEL, DAVID J., US
[72] TUMAN, SCOTT J., US
[72] EDGAR, JASON L., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2001-04-17
[86] 1999-10-01 (PCT/US99/23003)
[87] 2000-04-13 (WO00/20200)
[30] US (09/165,672) 1998-10-02
[30] US (09/257,447) 1999-02-25

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[21] **2,347,137**
[13] A1
[51] **Int.Cl. 6A47C 27/00 6A41D 1/00 6A47G 9/00 6A43B 7/06 6A47C 7/74**
[25] EN
[54] **COOLED BEDDING, COOLED CUSHION, COOLED MAT, COOLED CHAIR, COOLED CLOTHES AND COOLED SHOES**
[54] **LITERIE, COUSSIN, MATELAS, CHAISE, VETEMENTS ET CHAUSSURES REFROIDIS**
[72] ICHIGAYA, HIROSHI, JP
[71] SEFT DEVELOPMENT LABORATORY CO., LTD., JP
[85] 2001-04-17
[86] 1999-08-26 (PCT/JP99/04612)
[87] 2001-03-08 (WO01/15573)

[21] **2,347,141**
[13] A1
[51] **Int.Cl. 7B28B 7/08 7B28B 19/00 7B28B 23/00 7B28B 7/24**
[25] EN
[54] **DEVICE FOR PRODUCING WALL ELEMENTS**
[54] **DISPOSITIF POUR PRODUIRE DES ELEMENTS DE PAROI**
[72] KRECKE, EDMOND D., LU
[71] IPA-ISORAST INTERNATIONAL S.A., PA
[85] 2001-04-17
[86] 1999-10-13 (PCT/EP99/07673)
[87] 2000-04-20 (WO00/21724)
[30] DE (198 46 984.5) 1998-10-13

[21] **2,347,143**
[13] A1
[51] **Int.Cl. 7A61M 1/02**
[25] EN
[54] **SELF-CONTAINED, TRANSPORTABLE BLOOD PROCESSING DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DU SANG AUTONOME ET TRANSPORTABLE**
[72] THOM, SANDRA, US
[72] KENDALL, JAMES W., US
[72] WESTBERG, TOM, US
[71] BAXTER INTERNATIONAL INC., US
[85] 2001-04-17
[86] 2000-08-29 (PCT/US00/23718)
[87] 2001-03-15 (WO01/17584)
[30] US (09/390,489) 1999-09-03

[21] **2,347,148**
[13] A1
[51] **Int.Cl. 7H04L 29/06 7G06F 9/46**
[25] EN
[54] **ENTERPRISE LEVEL INTEGRATION AND COMMUNICATION TECHNIQUES**
[54] **TECHNIQUES D'INTEGRATION ET DE COMMUNICATION AU NIVEAU DE L'ENTREPRISE**
[72] BERTHOLD, RICHARD T., US
[72] DIBIASO, DINO M., US
[72] LEE, KEVIN SUNG-HO, US
[71] AUSPICE, INC., US
[85] 2001-04-17
[86] 1999-10-15 (PCT/US99/24122)
[87] 2000-04-27 (WO00/23876)
[30] US (60/104,654) 1998-10-16
[30] US (60/116,754) 1999-01-22

[21] **2,347,150**
[13] A1
[51] **Int.Cl. 7G09F 3/02**
[25] EN
[54] **SELF-ADHESIVE LABELS AND MANUFACTURE THEREOF**
[54] **ETIQUETTES AUTO-ADHESIVES ET LEUR FABRICATION**
[72] BARRY, DAVID ROBERT, US
[71] DAVID J. INSTANCE LIMITED, GB
[85] 2001-04-17
[86] 1999-10-19 (PCT/GB99/03443)
[87] 2000-04-27 (WO00/23970)
[30] US (09/175,367) 1998-10-20

[21] **2,347,156**
[13] A1
[51] **Int.Cl. 7F02M 29/04**
[25] EN
[54] **FUEL-AIR MIXER FOR ENGINE**
[54] **MELANGEUR AIR-CARBURANT POUR MOTEUR**
[72] LERNER, MOSHE, IL
[71] LERNER, MOSHE, IL
[85] 2001-04-17
[86] 1999-10-21 (PCT/IL99/00552)
[87] 2000-05-04 (WO00/25015)
[30] IL (126708) 1998-10-22

[21] **2,347,215**
[13] A1
[51] **Int.Cl. 7H01M 4/02 7H01M 10/04 7H01M 4/24 7H01M 10/28**
[25] EN
[54] **ELECTRODE FOR AN ELECTROCHEMICAL CELL**
[54] **ELECTRODE DE CELLULE ELECTROCHIMIQUE**
[72] URRY, LEWIS F., US
[71] EVEREADY BATTERY COMPANY, INC., US
[85] 2001-04-18
[86] 1999-10-18 (PCT/US99/24712)
[87] 2000-04-27 (WO00/24069)
[30] US (09/174,689) 1998-10-19

[21] **2,347,216**
[13] A1
[51] **Int.Cl. 7G01N 29/24**
[25] EN
[54] **ELECTROACOUSTIC IMAGING METHODS AND APPARATUS**
[54] **PROCEDES ET APPAREILS D'IMAGERIE ELECTROACOUSTIQUE**
[72] WEN, HAN, US
[72] BALABAN, ROBERT S., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US
[85] 2001-04-18
[86] 1999-10-12 (PCT/US99/21610)
[87] 2000-04-27 (WO00/22987)
[30] US (60/104,823) 1998-10-19

[21] **2,347,240**
[13] A1
[51] **Int.Cl. 7B65D 75/38**
[25] EN
[54] **SOAP WRAPPERS**
[54] **EMBALLAGE POUR SAVONS**
[72] MOSS, DAVID, GB
[71] UNILEVER PLC, GB
[85] 2001-04-19
[86] 2000-01-11 (PCT/GB00/00050)
[87] 2000-07-20 (WO00/41946)
[30] GB (9900951.6) 1999-01-15

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<p style="text-align: right;">[21] 2,347,242 [13] A1</p> <p>[51] Int.Cl. 7A01N 1/02 [25] EN [54] METHOD FOR VITRIFICATION OF A BIOLOGICAL SPECIMEN [54] PROCEDE DE VITRIFICATION D'UN SPECIMEN BIOLOGIQUE [72] FOREST, KATRINA T., US [72] LANE, MICHELLE T., US [71] FOREST, KATRINA T., US [71] LANE, MICHELLE T., US [85] 2001-04-12 [86] 1999-10-13 (PCT/US99/23628) [87] 2000-04-20 (WO00/21365) [30] US (60/104,266) 1998-10-14</p>	<p style="text-align: right;">[21] 2,347,245 [13] A1</p> <p>[51] Int.Cl. 6G08B 25/08 [25] EN [54] COMMUNICATIVE ENVIRONMENTAL ALARM SYSTEM WITH VOICE INDICATION [54] SYSTEME D'ALARME SE DECLANCHANT EN CAS DE PERTURBATION DES CONDITIONS AMBIANTES, AVEC MISE EN GARDE VOCALE [72] MORRIS, GARY J., US [71] MORRIS, GARY J., US [85] 2001-04-12 [86] 1999-10-12 (PCT/US99/23664) [87] 2000-04-20 (WO00/22591) [30] US (60/104,217) 1998-10-14 [30] US (09/299,483) 1999-04-26</p>	<p style="text-align: right;">[21] 2,347,269 [13] A1</p> <p>[51] Int.Cl. 7E21B 33/16 7E21B 33/05 [25] EN [54] UNIVERSAL CEMENTING PLUG [54] BOUCHON UNIVERSEL DE CIMENTATION [72] TREECE, HAROLD O., US [71] HALLIBURTON ENERGY SERVICES, INC., US [85] 2001-04-19 [86] 1999-09-23 (PCT/GB99/03186) [87] 2000-04-27 (WO00/23687) [30] US (09/175,664) 1998-10-20</p>
<p style="text-align: right;">[21] 2,347,243 [13] A1</p> <p>[51] Int.Cl. 7C08F 283/00 7G01N 33/00 7C08K 5/07 7C08G 63/48 [25] EN [54] AMINO-KETONE SOLID SUPPORT TEMPLATES [54] MATRICES A L'AMINO-CETONE POUR SUPPORTS SOLIDES [72] MJALLI, ADNAN M. M., US [71] ADVANCED SYNTECH, LLC, US [85] 2001-04-12 [86] 1999-10-08 (PCT/US99/23619) [87] 2000-04-27 (WO00/23487) [30] US (09/174,521) 1998-10-16</p>	<p style="text-align: right;">[21] 2,347,246 [13] A1</p> <p>[51] Int.Cl. 7C07D 273/00 7C07D 413/06 [25] EN [54] STEREOSELECTIVE PROCESS FOR PRODUCING CRYPTOPHYCINS [54] PROCEDE STEREOSELECTIF DE PRODUCTION D'AGENTS ANTINEOPLASIQUES [72] AIKINS, JAMES ABRAHAM, US [72] ZHANG, TONY YANTAO, US [72] BRIGGS, BARBARA SHREVE, US [72] ZMIJEWSKI, MILTON JOSEPH JUNIOR, US [71] WAYNE STATE UNIVERSITY, US [71] ELI LILLY AND COMPANY, US [71] UNIVERSITY OF HAWAII, US [85] 2001-04-12 [86] 1999-10-15 (PCT/US99/24410) [87] 2000-04-27 (WO00/23429) [30] US (60/104,664) 1998-10-16</p>	<p style="text-align: right;">[21] 2,347,271 [13] A1</p> <p>[51] Int.Cl. 7G01D 5/20 [25] EN [54] CONTROL APPARATUS [54] APPAREIL DE COMMANDE [72] GILL, MICHAEL JOHN, GB [71] GILL, MICHAEL JOHN, GB [85] 2001-04-19 [86] 1999-08-12 (PCT/GB99/02656) [87] 2000-05-04 (WO00/25093) [30] GB (9823159.0) 1998-10-22</p>
<p style="text-align: right;">[21] 2,347,244 [13] A1</p> <p>[51] Int.Cl. 7G11B 20/04 [25] EN [54] DEVICE COMMUNICATION AND CONTROL IN A HOME NETWORK CONNECTED TO AN EXTERNAL NETWORK [54] COMMUNICATION ET COMMANDE DE DISPOSITIFS DANS UN RESEAU INTERNE CONNECTE A UN RESEAU EXTERNE [72] WANG, DONGYAN, US [72] HUMPLEMAN, RICHARD, US [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2001-04-12 [86] 2000-08-17 (PCT/KR00/00919) [87] 2001-02-22 (WO01/13374) [30] US (60/149,515) 1999-08-17 [30] US (60/166,602) 1999-11-19 [30] US (09/633,289) 2000-08-04</p>	<p style="text-align: right;">[21] 2,347,272 [13] A1</p> <p>[51] Int.Cl. 7G02B 6/16 7G02B 6/22 [25] EN [54] OPTICAL FIBER AND OPTICAL TRANSMISSION LINE [54] FIBRE OPTIQUE ET LIGNE DE TRANSMISSION OPTIQUE COMPRENANT CETTE DERNIERE [72] MUKASA, KAZUNORI, JP [71] THE FURUKAWA ELECTRIC CO., LTD., JP [85] 2001-04-19 [86] 2000-08-17 (PCT/JP00/05513) [87] 2001-03-01 (WO01/14917) [30] JP (11/234767) 1999-08-20 [30] JP (11/364609) 1999-12-22</p>	<p style="text-align: right;">[21] 2,347,267 [13] A1</p> <p>[51] Int.Cl. 7C08J 9/12 7B29C 44/50 [25] EN [54] PROCESS AND APPARATUS FOR PRODUCING FOAM AND FOAM BLOCKS AND BOARDS PRODUCED [54] PROCEDE ET INSTALLATION POUR PRODUIRE DES MOUSSES, ET BLOCS ET PLAQUES DE MOUSSE PRODUITS [72] LADERA SAINZ, JESUS, ES [72] FIGUERAS NADAL, LAURA, ES [71] POLIGLAS, S.A., ES [85] 2001-04-19 [86] 2000-01-05 (PCT/ES00/00002) [87] 2000-07-27 (WO00/43444) [30] ES (P 9900099) 1999-01-20</p>

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[21] **2,347,274**
[13] A1

[51] **Int.Cl. 6A61B 1/04**
[25] EN
[54] **A METHOD FOR DELIVERING A DEVICE TO A TARGET LOCATION**
[54] **PROCEDE D'ACHEMINEMENT D'UN DISPOSITIF VERS UN POINT CIBLE**
[72] MERON, GAVRIEL, IL
[72] IDAN, GAVRIEL, IL
[71] GIVEN IMAGING LTD., IL
[85] 2001-04-19
[86] 1999-10-21 (PCT/IL99/00554)
[87] 2000-04-27 (WO00/22975)
[30] IL (126727) 1998-10-22

[21] **2,347,275**
[13] A1

[51] **Int.Cl. 7C12Q 1/37**
[25] EN
[54] **METHOD FOR MONITORING PROTEASOME INHIBITOR DRUG ACTION**
[54] **PROCEDE DE CONTROLE DE L'ACTION MEDICAMENTEUSE DE L'INHIBITEUR DE PROTEASOME**
[72] LIGHTCAP, ERIC S., US
[72] BURNS, DAN R., US
[72] DICK, LAWRENCE R., US
[72] PALOMBELLA, VITO J., US
[72] BRAND, STEPHEN J., US
[72] ELLIOTT, PETER J., US
[72] STEIN, ROSS L., US
[72] ADAMS, JULIAN, US
[72] VADDI, GOPALAKRISHNA R., US
[72] MCCORMACK, TERESA A., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2001-04-19
[86] 1999-10-19 (PCT/US99/24356)
[87] 2000-04-27 (WO00/23614)
[30] US (60/104,918) 1998-10-20
[30] US (60/131,381) 1999-04-28

[21] **2,347,282**
[13] A1

[51] **Int.Cl. 7H04Q 3/00 7H04Q 7/38**
[25] EN
[54] **MOBILE COMMUNICATION SYSTEM AND ALTERNATIVE NETWORK GATEWAY UNIT FOR PROCESSING A CALL**
[54] **SYSTEME DE COMMUNICATION MOBILE ET UNITE DE PASSERELLE DE RESEAU ALTERNATIVE POUR LE TRAITEMENT DES APPELS**
[72] MELANDER, OLA, DE
[72] GERVENS, NORBERT, DE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-04-19
[86] 1999-09-11 (PCT/EP99/06736)
[87] 2000-05-04 (WO00/25526)
[30] EP (98119996.1) 1998-10-22

[21] **2,347,283**
[13] A1

[51] **Int.Cl. 7H04L 12/28 7H04L 29/06**
[25] EN
[54] **METHOD TO CONFIGURE A COMMUNICATION LINK FOR DATA TRANSMISSION**
[54] **PROCEDE DE CONFIGURATION D'UNE LIAISON DE COMMUNICATION SERVANT A LA TRANSMISSION DE DONNEES**
[72] SOCHER, GUIDO, DE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-04-19
[86] 1999-09-25 (PCT/EP99/07139)
[87] 2000-05-11 (WO00/27074)
[30] EP (98120704.6) 1998-10-30

[21] **2,347,286**
[13] A1

[51] **Int.Cl. 6A61B 17/28**
[25] EN
[54] **SURGICAL GRASPER WITH INSERTS AND METHOD OF USING SAME**
[54] **DISPOSITIF CHIRURGICAL DE PREHENSION A PIECES RAPPORTEES ET SON PROCEDE D'UTILISATION**
[72] TAYLOR, SCOTT, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2001-04-19
[86] 1999-10-22 (PCT/US99/25050)
[87] 2000-05-04 (WO00/24322)
[30] US (60/105,406) 1998-10-23
[30] US (60/156,032) 1999-09-23

[21] **2,347,289**
[13] A1

[51] **Int.Cl. 6G09F 3/00**
[25] EN
[54] **ROTATABLE LABEL SYSTEM AND METHOD OF CONSTRUCTING SAME**
[54] **SYSTEME D'ETIQUETTE ROTATIVE ET SON PROCEDE DE CONSTRUCTION**
[72] KEY, STEPHEN, US
[71] STEPHEN KEY DESIGN, LLC, US
[85] 2001-04-18
[86] 1999-10-15 (PCT/US99/23903)
[87] 2000-05-18 (WO00/28511)
[30] US (09/187,299) 1998-11-05

[21] **2,347,291**
[13] A1

[51] **Int.Cl. 7C09J 179/02 7D21H 17/56**
[25] EN
[54] **HOT MELT ADHESIVE HAVING CONTROLLABLE WATER SOLUBILITY**
[54] **COLLE THERMOFUSIBLE A HYDROSOLUBILITE VARIABLE**
[72] WANG, BAOYU, US
[71] ATO FINDLEY, INC., US
[85] 2001-04-18
[86] 1999-10-20 (PCT/US99/24465)
[87] 2000-05-04 (WO00/24841)
[30] US (09/178,039) 1998-10-23

[21] **2,347,292**
[13] A1

[51] **Int.Cl. 7H04N 5/235 7A61B 1/04**
[25] EN
[54] **IMAGE ILLUMINATION OPTIMIZING**
[54] **OPTIMISATION DE L'ECLAIREMENT D'UNE IMAGE**
[72] WOMACK, GARY, US
[72] PLEVINSKY, TODD, US
[72] BURNETT, MICHAEL, US
[71] SMITH & NEPHEW, INC., US
[85] 2001-04-19
[86] 1999-10-18 (PCT/US99/24438)
[87] 2000-05-04 (WO00/25513)
[30] US (09/177,837) 1998-10-23

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[21] **2,347,295**
[13] A1
[51] **Int.Cl. 7H01L 21/00 7F27D 5/00**
[25] EN
[54] **HOLDING DEVICE FOR SEMI-CONDUCTOR DISKS**
[54] **SUPPORT POUR DISQUES A SEMI-CONDUCTEURS**
[72] SIVEC, KLAUS, AT
[72] NADRAG, WALTER, AT
[71] SICO PRODUKTIONS-UND HANDELSGES.M.B.H., AT
[85] 2001-04-19
[86] 2000-10-05 (PCT/AT00/00261)
[87] 2001-04-12 (WO01/26140)
[30] EP (99890317.3) 1999-10-05

[21] **2,347,297**
[13] A1
[51] **Int.Cl. 7B65D 47/10 7B67D 3/00**
[25] EN
[54] **HYGIENIC BOTTLE CAP AND METHOD FOR USING SAME**
[54] **BOUCHON DE BOUTEILLE HYGIENIQUE ET SON PROCEDE DE FABRICATION**
[72] DUSHMAN, LAWRENCE M., US
[71] ABEL UNLIMITED, INC., US
[85] 2001-04-19
[86] 1999-10-20 (PCT/US99/24571)
[87] 2000-04-27 (WO00/23345)
[30] US (60/104,893) 1998-10-20

[21] **2,347,363**
[13] A1
[51] **Int.Cl. 7B66B 11/00 7B66B 11/08**
[25] EN
[54] **TRACTION SHEAVE ELEVATOR TRACTRICE**
[54] **ASCENSEUR A POULIE TRACTRICE**
[72] FALETTO, LUCIANO, IT
[71] KONE CORPORATION, FI
[85] 2001-04-18
[86] 1999-11-02 (PCT/FI99/00913)
[87] 2000-05-18 (WO00/27739)
[30] FI (982403) 1998-11-05

[21] **2,347,364**
[13] A1
[51] **Int.Cl. 7G06T 3/40**
[25] EN
[54] **A METHOD AND APPARATUS FOR RE-SIZING AND CROPPING IMAGES BY OPERATING DIRECTLY ON THEIR DIGITAL ORTHOGONAL TRANSFORMS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE REFORMATER ET DE RECADRER DES IMAGES EN AGISSANT DIRECTEMENT SUR LES TRANSFORMEES NUMERIQUES ORTHOGONALES DE CES IMAGES**
[72] SIMPSON, TODD G., CA
[72] YEE, BARRY, CA
[72] BRUTON, LEONARD T., CA
[71] PUSH ENTERTAINMENT, INC., CA
[85] 2001-04-18
[86] 1999-09-15 (PCT/US99/21298)
[87] 2000-03-23 (WO00/16263)
[30] US (09/154,227) 1998-09-16

[21] **2,347,365**
[13] A1
[51] **Int.Cl. 7A61K 31/19 7A61K 45/06 7A61K 31/16**
[25] EN
[54] **COMBINATION PRODUCT COMPRISING AN E-TYPE PROSTAGLANDIN LIGAND AND A COX-2 SELECTIVE INHIBITOR AND METHODS OF USE**
[54] **PRODUIT DE COMBINAISON COMPRENANT UN LIGAND DE PROSTAGLANDINE DE TYPE E ET UN INHIBITEUR SELECTIF DE COX-2, ET PROCEDES D'UTILISATION DUDIT PRODUIT**
[72] CHAN, CHI CHUNG, CA
[72] METTERS, KATHLEEN, CA
[72] LABELLE, MARC, CA
[71] MERCK FROSST CANADA & CO., CA
[85] 2001-04-18
[86] 1999-10-21 (PCT/CA99/00978)
[87] 2000-05-04 (WO00/24393)
[30] US (60/105,837) 1998-10-23

[21] **2,347,366**
[13] A1
[51] **Int.Cl. 7H04J 11/00 7H04B 7/26**
[25] EN
[54] **CODE ALLOCATION IN CDMA**
[54] **ATTRIBUTION DE CODES EN MODE CDMA**
[72] MAGNUSSON, SVERKER, SE
[72] KHAN, FAROOQ, US
[72] PERSSON, MAGNUS, SE
[72] BEMING, PER, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-04-18
[86] 1999-10-15 (PCT/SE99/01869)
[87] 2000-04-27 (WO00/24146)
[30] US (09/175,012) 1998-10-19

[21] **2,347,367**
[13] A1
[51] **Int.Cl. 7H04Q 3/00 7H04L 12/66**
[25] EN
[54] **SECURITY IN TELECOMMUNICATIONS NETWORK GATEWAYS**
[54] **SECURITE DANS LES PASSERELLES DE RESEAUX DE TELECOMMUNICATION**
[72] RYTINA, IAN, AU
[72] HOLLIS, MARK, AU
[72] GRAF, LESLIE, AU
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-04-18
[86] 1999-11-09 (PCT/EP99/08591)
[87] 2000-05-25 (WO00/30369)
[30] FI (982443) 1998-11-10

[21] **2,347,368**
[13] A1
[51] **Int.Cl. 7H02K 21/12 7H02K 11/00 7H02K 16/00 7H02K 3/04 7H02K 9/18 7H02K 9/26 7H02K 1/27 7H02K 3/47**
[25] EN
[54] **ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE**
[72] ANWANDER, WERNER, DE
[71] ANWANDER, WERNER, DE
[85] 2001-04-18
[86] 1999-10-19 (PCT/EP99/07919)
[87] 2000-04-27 (WO00/24113)
[30] DE (198 48 503.4) 1998-10-21

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[21] **2,347,370**
[13] A1
[51] **Int.Cl. 7G02B 23/00**
[25] EN
[54] **FULLY AUTOMATED TELESCOPE SYSTEM WITH DISTRIBUTED INTELLIGENCE**
[54] **SYSTEME DE TELESCOPE ENTIEREMENT AUTOMATISE A INTELLIGENCE REPARTIE**
[72] DUCHON, BRENT G., US
[72] BAUN, KENNETH W., US
[72] DEWAN, STANLEY H., US
[72] TINGEY, BRIAN G., US
[72] WACHALA, MICHAEL A., US
[72] SMITH, JOHN E., US
[72] HOOT, JOHN E., US
[71] MEADE INSTRUMENTS CORPORATION, US
[85] 2001-04-18
[86] 1999-10-26 (PCT/US99/25092)
[87] 2000-05-04 (WO00/25166)
[30] US (60/105,626) 1998-10-26
[30] US (60/143,637) 1999-07-14

[21] **2,347,371**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C07K 14/00 7C12N 5/08 7C12N 5/10 7A61K 35/14 7A61K 38/16 7C07K 16/18 7A61K 35/28 7C07K 14/47 7C12Q 1/68 7A61K 31/70**
[25] EN
[54] **NOVEL HEMATOPOIETIC REGULATORY FACTORS AND METHODS OF USE THEREOF**
[54] **FACTEURS DE REGULATION HEMATOPOIETIQUE ET PROCEDES D'UTILISATION**
[72] TAILLON, BRUCE, US
[72] LASKY, LAWRENCE, US
[72] LEWIN, DAVID, US
[72] SHIMKETS, RICHARD A., US
[72] GOLD, STEVEN, US
[71] CURAGEN CORPORATION, US
[71] GENENTECH, INC., US
[85] 2001-04-18
[86] 2000-08-18 (PCT/US00/22604)
[87] 2001-02-22 (WO01/12663)
[30] US (60/149,830) 1999-08-19
[30] US (09/640,636) 2000-08-17

[21] **2,347,372**
[13] A1
[51] **Int.Cl. 7H04B 7/26 7H04J 13/00**
[25] EN
[54] **BASE STATION DEVICE, COMMUNICATION TERMINAL, AND TRANSMISSION POWER CONTROL METHOD**
[54] **STATION DE BASE, TERMINAL DE TRANSMISSION ET PROCEDE DE COMMANDE DE LA PUISSANCE DE TRANSMISSION**
[72] KATO, OSAMU, JP
[72] UESUGI, MITSURU, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2001-04-18
[86] 2000-08-10 (PCT/JP00/05352)
[87] 2001-03-01 (WO01/15343)
[30] JP (11/234766) 1999-08-20
[30] JP (11/329899) 1999-11-19

[21] **2,347,374**
[13] A1
[51] **Int.Cl. 7C07D 213/26**
[25] EN
[54] **PREPARATION OF CHLOROMETHYLPYRIDINE HYDROCHLORIDES**
[54] **PREPARATION DE CHLORHYDRATES DE CHLOROMETHYLPYRIDINE**
[72] WANG, YUAN, CA
[72] L'HEUREUX, ALEXANDRE, CA
[72] LIU, LU WEI, CA
[72] LEPAGE, OLIVIER, CA
[72] PHELAN, DIANE, CA
[71] DELMAR CHEMICALS INC., CA
[85] 2001-04-18
[86] 1999-10-29 (PCT/CA99/01005)
[87] 2000-05-18 (WO00/27818)
[30] US (09/187,402) 1998-11-06

[21] **2,347,375**
[13] A1
[51] **Int.Cl. 7B01D 61/14 7A23L 2/08 7B01D 61/20 7B01D 61/22 7C02F 1/44**
[25] EN
[54] **CROSS-FLOW FILTRATION METHOD AND INSTALLATION FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE DE FILTRATION A COURANT TRANSVERSAL ET INSTALLATION POUR SA MISE EN OEUVRE**
[72] HARTMANN, EDUARD, CH
[71] BUCHER-GUYER AG, CH
[85] 2001-04-18
[86] 2000-08-08 (PCT/CH00/00422)
[87] 2001-03-08 (WO01/15797)
[30] CH (1561/99) 1999-08-26

[21] **2,347,376**
[13] A1
[51] **Int.Cl. 7B28B 3/26 7B01D 46/00 7B01J 35/04 7H01M 8/06 7B32B 3/12 7F01N 3/28 7B01D 53/34**
[25] EN
[54] **CORRUGATED WALL HONEYCOMB STRUCTURE AND PRODUCTION METHOD THEREOF**
[54] **STRUCTURE EN NID D'ABEILLE DE PAROI ONDULEE ET PROCEDE DE PRODUCTION DE CELLE-CI**
[72] MIYAZAKI, MAKOTO, JP
[72] ICHIKAWA, YUKIHITO, JP
[72] HIJIKATA, TOSHIHIKO, JP
[71] NGK INSULATORS, LTD., JP
[85] 2001-04-18
[86] 2000-08-30 (PCT/JP00/05862)
[87] 2001-03-08 (WO01/15877)
[30] JP (11/242679) 1999-08-30

[21] **2,347,377**
[13] A1
[51] **Int.Cl. 7C08G 67/02**
[25] EN
[54] **PREPARATION OF OLEFIN COPOLYMERS OF SULFUR DIOXIDE OR CARBON MONOXIDE**
[54] **PREPARATION DE COPOLYMERES OLEFINIQUES DE DIOXYDE DE SOUFRE OU DE MONOXYDE DE CARBONE**
[72] PROULX, GRANT, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-04-18
[86] 1999-12-08 (PCT/US99/29154)
[87] 2000-06-15 (WO00/34357)
[30] US (09/208,897) 1998-12-10

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[21] **2,347,378**
[13] A1
[51] **Int.Cl. 7A61B 5/00 7A61B 10/00**
[25] EN
[54] **MINIMALLY INVASIVE SENSOR SYSTEM**
[54] **SYSTEME DE CAPTEUR A INVASION MINIMALE**
[72] KNOLL, MEINHARD, DE
[71] KNOLL, MEINHARD, DE
[85] 2001-04-18
[86] 1999-09-28 (PCT/DE99/03126)
[87] 2000-04-27 (WO00/22977)
[30] DE (198 48 112.8) 1998-10-19

[21] **2,347,379**
[13] A1
[51] **Int.Cl. 7C01C 1/04**
[25] EN
[54] **PROCESS AND CONVERTER FOR THE PREPARATION OF AMMONIA**
[54] **PROCEDE ET CONVERTISSEUR POUR LA PREPARATION DE GAZ AMMONIAC**
[72] SPETH, CHRISTIAN, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2001-04-18
[86] 1999-10-25 (PCT/EP99/08055)
[87] 2000-05-11 (WO00/26139)
[30] DK (PA 1998 01398) 1998-10-30

[21] **2,347,394**
[13] A1
[51] **Int.Cl. 6H01B 1/00 6D02G 3/00 6A61N 5/06**
[25] EN
[54] **AN ELECTROMAGNETIC SHIELD**
[54] **BLINDAGE ELECTROMAGNETIQUE**
[72] KANASE, RICK K., US
[71] ELECTRO-K, INC., US
[85] 2001-01-23
[86] 1999-07-23 (PCT/US99/16447)
[87] 2000-02-03 (WO00/05728)
[30] US (60/093,966) 1998-07-24
[30] US (09/312,085) 1999-05-15

[21] **2,347,395**
[13] A1
[51] **Int.Cl. 7C07C 2/32**
[25] EN
[54] **PROCESS FOR DIMERIZING OLEFINS**
[54] **PROCEDE DE DIMERISATION D'OLEFINES**
[72] SMALL, BROOKE L., US
[72] MARCUCCI, A. J., US
[72] BARALT, EDUARDO J., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2001-01-26
[86] 2000-05-22 (PCT/US00/14085)
[87] 2000-12-07 (WO00/73249)
[30] US (09/324,622) 1999-06-02

[21] **2,347,399**
[13] A1
[51] **Int.Cl. 7G06F 17/10**
[25] EN
[54] **SIGNAL PROCESSING**
[54] **TRAITEMENT DU SIGNAL**
[72] HOBSON, MICHAEL, GB
[72] LASENBY, ANTHONY, GB
[71] WALLAC OY, FI
[85] 2001-03-01
[86] 1999-08-20 (PCT/GB99/02715)
[87] 2000-03-16 (WO00/14649)
[30] EP (98307088.9) 1998-09-03

[21] **2,347,401**
[13] A1
[51] **Int.Cl. 7G01N 21/71 7G01N 21/64**
[25] EN
[54] **METHOD AND DEVICE FOR ISOTOPE- SELECTIVE MEASUREMENT OF CHEMICAL ELEMENTS IN MATERIALS**
[54] **PROCEDE ET DISPOSITIF POUR LA MESURE AVEC SELECTIVITE ISOTOPIQUE D'ELEMENTS CHIMIQUES CONTENUS DANS DES SUBSTANCES**
[72] KOCH, LOTHAR, DE
[72] JANSSENS, WILLEM, DE
[72] GLATZ, JEAN PAUL, DE
[72] OCKER, BERND, DE
[72] NIEMAX, KAY, DE
[71] EUROPEAN COMMUNITY, LU
[85] 2001-03-05
[86] 1999-08-24 (PCT/EP99/06214)
[87] 2000-04-13 (WO00/20847)
[30] LU (90296) 1998-10-07

[21] **2,347,403**
[13] A1
[51] **Int.Cl. 7C04B 18/02**
[25] EN
[54] **METHOD FOR MAKING MANUFACTURED AGGREGATES FROM COAL COMBUSTION BY-PRODUCTS**
[54] **PROCEDE DE FABRICATION D'AGREGATS MANUFACTURES A PARTIR DE PRODUITS DERIVES DE LA COMBUSTION DU CHARBON**
[72] WASSON, GEORGE E., US
[72] WU, MUH-CHENG M., US
[71] CONSOL ENERGY, INC., US
[85] 2001-03-21
[86] 1999-09-22 (PCT/US99/22021)
[87] 2000-03-30 (WO00/17125)
[30] US (09/158,585) 1998-09-22
[30] US (09/395,537) 1999-09-14

[21] **2,347,414**
[13] A1
[51] **Int.Cl. 7H04M 3/56**
[25] EN
[54] **METHOD AND SYSTEM OF TELECONFERENCING**
[54] **SYSTEME DE TELECONFERENCE ET PROCEDE AFFERENT**
[72] SNELGROVE, WILLIAM MARTIN, CA
[72] DE SIMONE, MAURICIO, CA
[72] STUMM, MICHAEL, CA
[71] SOMA NETWORKS, INC., CA
[85] 2001-03-26
[86] 1999-09-24 (PCT/CA99/00875)
[87] 2000-04-06 (WO00/19693)
[30] US (60/101,857) 1998-09-25
[30] CA (2,264,407) 1999-03-04

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[21] **2,347,415**
[13] A1

[51] **Int.Cl. 7C09C 3/08 7C08K 9/04**
[25] EN
[54] **HIGH-TEMPERATURE RESISTANT POLYMERIZABLE METAL OXIDE PARTICLES**
[54] **PARTICULES D'OXYDE METALLIQUE POLYMERISABLES RESISTANT AUX HAUTES TEMPERATURES**
[72] GLASEL, HANS-JURGEN, DE
[72] HINTERWALDNER, RUDOLF, DE
[72] MEHNERT, REINER, DE
[72] HARTMANN, EBERHARD, DE
[71] INSTITUT FUR OBERFLACHENMODIFIZIERUNG E. V., DE
[71] HINTERWALDNER, RUDOLF, DE
[85] 2001-03-28
[86] 1999-10-08 (PCT/EP99/07569)
[87] 2000-04-20 (WO00/22052)
[30] DE (198 46 660.9) 1998-10-09

[21] **2,347,416**
[13] A1

[51] **Int.Cl. 7E03B 11/14 7E03B 3/06**
[25] EN
[54] **WIDE AREA WATER COLLECTION TYPE UNDERGROUND WATER TANK**
[54] **RESERVOIR D'EAU SOUTERRAIN DE TYPE COLLECTEUR D'EAU SUR ZONE ETENDUE**
[72] TAKAI, SEIICHIRO, JP
[71] TOTETU MFG. CO. LTD., JP
[85] 2001-03-29
[86] 1999-10-22 (PCT/JP99/05829)
[87] 2000-05-04 (WO00/24974)
[30] JP (10/303519) 1998-10-26
[30] JP (10/330561) 1998-11-20

[21] **2,347,417**
[13] A1

[51] **Int.Cl. 6H05H 1/46**
[25] EN
[54] **SLOTTED WAVEGUIDE STRUCTURE FOR GENERATING PLASMA DISCHARGES**
[54] **STRUCTURE GUIDE D'ONDES A FENTES PERMETTANT DE PRODUIRE DES DECHARGES DE PLASMA**
[72] SPENCE, PAUL, D., US
[72] DEEDS, W. EDWARD, US
[71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US
[85] 2001-03-30
[86] 1999-10-01 (PCT/US99/22965)
[87] 2000-04-06 (WO00/19784)
[30] US (60/102,641) 1998-10-01
[30] US (09/406,907) 1999-09-28

[21] **2,347,419**
[13] A1

[51] **Int.Cl. 6G01N 33/53 6C07C 229/00 6G01N 23/00 6G01N 33/00 6C12Q 1/37 6G01N 33/536 6C07D 311/82**
[25] EN
[54] **METHODS FOR IDENTIFYING HOT-SPOT RESIDUES OF BINDING PROTEINS AND SMALL COMPOUNDS THAT BIND TO THE SAME**
[54] **PROCEDES D'IDENTIFICATION POUR RESIDUS DE POINT CHAUD DE PROTEINES DE LIAISON ET PETITS COMPOSES SE LIANT A CES PROTEINES**
[72] WOODS, VIRGIL L., JR., US
[71] CARTA PROTEOMICS, INC., US
[85] 2001-03-09
[86] 1999-09-13 (PCT/US99/21177)
[87] 2000-03-23 (WO00/16100)
[30] US (60/099,847) 1998-09-11

[21] **2,347,420**
[13] A1

[51] **Int.Cl. 6G02B 7/04 6G06K 7/10**
[25] EN
[54] **VARIABLE FOCUS OPTICAL SYSTEM**
[54] **SYSTEME OPTIQUE A FOCALE VARIABLE**
[72] STERN, HOWARD, US
[72] VAN TASSELL, JON E., US
[72] PLUMMER, WILLIAM T., US
[72] FIGARELLA, LUIS A., US
[72] MCKINLEY, HARRY, US
[72] IMRIE, DAVID A., US
[72] FANTONE, STEPHEN D., US
[71] ROBOTIC VISION SYSTEMS INC., US
[85] 2001-03-09
[86] 1999-09-13 (PCT/US99/21178)
[87] 2000-03-23 (WO00/16147)
[30] US (09/151,496) 1998-09-11

[21] **2,347,421**
[13] A1

[51] **Int.Cl. 7B67D 5/02 7B29C 73/16**
[25] EN
[54] **SEALING DEVICE**
[54] **DISPOSITIF D'ETANCHEIFICATION**
[72] ECKHARDT, ARNOLD, DE
[71] SUMITOMO RUBBER INDUSTRIES, LTD., JP
[85] 2001-04-02
[86] 1999-10-05 (PCT/EP99/07437)
[87] 2000-04-20 (WO00/21875)
[30] DE (198 46 451.7) 1998-10-08

[21] **2,347,422**
[13] A1

[51] **Int.Cl. 7F41A 19/16**
[25] EN
[54] **HAMMER RELEASE APPARATUS**
[54] **DISPOSITIF DE DECLENCHEMENT DE MARTEAU**
[72] GUHRING, MANFRED, DE
[72] BECKMANN, RUDI, DE
[71] HECKLER & KOCH GMBH, DE
[85] 2001-04-06
[86] 1999-10-07 (PCT/EP99/07532)
[87] 2000-04-20 (WO00/22367)
[30] DE (198 46 657.9) 1998-10-09

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,347,423 [13] A1</p> <p>[51] Int.Cl. 7A61L 2/18 7B65B 55/10 [25] EN [54] BEVERAGE MANUFACTURE AND COLD ASEPTIC BOTTLING USING PEROXYACID ANTIMICROBIAL COMPOSITION [54] FABRICATION DE BOISSONS ET MISE EN BOUTEILLES ASEPTIQUE A FROID, UTILISANT UNE COMPOSITION ANTIMICROBIENNE AU PEROXYACIDE [72] CORDS, BRUCE R., US [72] RICHTER, FRANCIS L., US [72] NOGAMI, KENJI, JP [72] BESSE, MICHAEL E., US [71] ECOLAB INC., US [85] 2001-04-06 [86] 1999-10-18 (PCT/US99/24422) [87] 2000-05-25 (WO00/29038) [30] US (09/195,750) 1998-11-18</p>	<p style="text-align: right;">[21] 2,347,426 [13] A1</p> <p>[51] Int.Cl. 7C09D 5/44 7C08G 18/22 7C08G 59/68 [25] EN [54] BISMUTH OXIDE CATALYST FOR CATHODIC ELECTROCOATING COMPOSITIONS [54] CATALYSEUR A BASE D'OXYDE DE BISMUTH DESTINE A DES COMPOSITIONS POUR REVETEMENT ELECTROLYTIQUE CATHODIQUE [72] SIKORA, ROBERT JOHN, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2001-04-17 [86] 1999-12-02 (PCT/US99/28463) [87] 2000-06-15 (WO00/34398) [30] US (09/205,771) 1998-12-04</p>	<p style="text-align: right;">[21] 2,347,429 [13] A1</p> <p>[51] Int.Cl. 7H01L 31/00 [25] EN [54] CONDUCTIVE ISOSTRUCTURAL COMPOUNDS [54] COMPOSES ISOSTRUCTURAUX CONDUCTEURS [72] SPORTOUCH, SANDRINE, US [72] DENARDI, STEPHANE, US [72] CHUNG, DUCK, YOUNG, US [72] KANATZIDIS, MERCOURI G., US [71] BOARD OF TRUSTEES OPERATING MICHIGAN STATE UNIVERSITY, US [85] 2001-04-17 [86] 1999-10-13 (PCT/US99/23849) [87] 2000-04-27 (WO00/24040) [30] US (60/103,961) 1998-10-13</p>
<p style="text-align: right;">[21] 2,347,424 [13] A1</p> <p>[51] Int.Cl. 7A61K 47/48 [25] EN [54] ION EXCHANGE TUMOR TARGETING (IETT) [54] CIBLAGE TUMORAL PAR ECHANGE D'IONS [72] HOLMBERG, ANDERS, SE [71] MAP AB, SE [85] 2001-04-09 [86] 1999-10-12 (PCT/SE99/01837) [87] 2000-04-20 (WO00/21571) [30] SE (9803482-0) 1998-10-13</p>	<p style="text-align: right;">[21] 2,347,427 [13] A1</p> <p>[51] Int.Cl. 7B23K 26/00 7B23K 33/00 [25] EN [54] METHOD AND DEVICE FOR LASER WELDING METAL SHEETS [54] PROCEDE ET DISPOSITIF POUR LE SOUDAGE DE TOLES AVEC UN LASER [72] VAN DER SCHAAR, MARTIN, CH [72] AEBERSOLD, HANS, CH [72] WILDMANN, DANIEL, CH [71] ELPATRONIC AG, CH [85] 2001-04-09 [86] 1999-11-04 (PCT/CH99/00518) [87] 2000-05-25 (WO00/29165) [30] CH (2308/98) 1998-11-18</p>	<p style="text-align: right;">[21] 2,347,430 [13] A1</p> <p>[51] Int.Cl. 7C11D 3/395 [25] EN [54] THICKENED LIQUID HYDROGEN PEROXIDE BLEACH COMPOSITIONS [54] COMPOSITION DE BLANCHIMENT LIQUIDE EPAISSIE A BASE DE PEROXYDE D'AZOTE [72] MERCADO, HEDELIZA MALONZO, CA [71] COLGATE-PALMOLIVE COMPANY, US [85] 2001-04-17 [86] 1999-10-21 (PCT/US99/24910) [87] 2000-04-27 (WO00/23555) [30] US (09/177,688) 1998-10-22</p>
<p style="text-align: right;">[21] 2,347,425 [13] A1</p> <p>[51] Int.Cl. 7H01L 21/20 [25] EN [54] FABRICATION OF GALLIUM NITRIDE LAYERS BY LATERAL GROWTH [54] FABRICATION DE COUCHES DE NITRURE DE GALLIUM PAR CROISSANCE LATERALE [72] LINTHICUM, KEVIN J., US [72] RAJAGOPAL, PRADEEP, US [72] THOMSOM, DARREN B., US [72] CARLSON, ERIC P., US [72] DAVIS, ROBERT F., US [72] GEHRKE, THOMAS, US [71] NORTH CAROLINA STATE UNIVERSITY, US [85] 2001-04-09 [86] 1999-11-23 (PCT/US99/28056) [87] 2000-06-08 (WO00/33365) [30] US (09/198,784) 1998-11-24</p>	<p style="text-align: right;">[21] 2,347,428 [13] A1</p> <p>[51] Int.Cl. 7H04B 7/26 7H04Q 7/38 [25] EN [54] MOBILE COMMUNICATION TERMINAL APPARATUS AND RECEIVED SIGNAL STRENGTH DETECTING METHOD [54] TERMINAL DE COMMUNICATION MOBILE ET PROCEDE POUR DETECTER L'INTENSITE DES SIGNAUX RECUS [72] NAKANO, TAKAYUKI, JP [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP [85] 2001-04-17 [86] 2000-08-10 (PCT/JP00/05349) [87] 2001-02-22 (WO01/13546) [30] JP (11/231590) 1999-08-18</p>	

Demandes PCT entrant en phase nationale

[21] **2,347,431**
[13] A1

[51] **Int.Cl. 7C23F 11/10 7C23F 11/18 7C09K 5/20**
[25] EN
[54] **CORROSION INHIBITORS AND SYNERGISTIC INHIBITOR COMBINATIONS FOR THE PROTECTION OF LIGHT METALS IN HEAT-TRANSFER FLUIDS AND ENGINE COOLANTS**
[54] **INHIBITEURS DE CORROSION ET COMBINAISONS INHIBITRICES SYNERGIQUES POUR LA PROTECTION DE METAUX LEGERS EN CONTACT AVEC DES LIQUIDES D'EVACUATION DE LA CHALEUR ET DES LIQUIDES DE REFROIDISSEMENT POUR MOTEURS**
[72] MAES, JEAN-PIERRE, BE
[72] LIEVENS, SERGE, BE
[71] TEXACO DEVELOPMENT CORPORATION, US
[85] 2001-04-17
[86] 1999-10-11 (PCT/IB99/01659)
[87] 2000-04-20 (WO00/22189)
[30] EP (98308380.9) 1998-10-14

[21] **2,347,433**
[13] A1

[51] **Int.Cl. 6A61M 5/178**
[25] EN
[54] **RELEASABLE LOCKING NEEDLE ASSEMBLY WITH OPTIONAL RELEASE ACCESSORY THEREFOR**
[54] **ENSEMBLE AIGUILLE A VERROUILLAGE LIBERABLE, AVEC ACCESSOIRE DE LIBERATION CORRESPONDANT**
[72] KINSEY, P. SPENCER, US
[72] HOLDAWAY, RICHARD G., US
[72] POLIDORO, JOHN M., US
[72] HAURI, WALTER, US
[71] BIO-PLEXUS, INC., US
[85] 2001-04-17
[86] 1999-10-15 (PCT/US99/24247)
[87] 2000-04-27 (WO00/23130)
[30] US (60/104,531) 1998-10-16
[30] US (60/104,537) 1998-10-16

[21] **2,347,434**
[13] A1

[51] **Int.Cl. 7A61F 13/15**
[25] EN
[54] **ABSORBENT ARTICLE HAVING A TOPSHEET THAT INCLUDES SELECTIVELY OPENABLE AND CLOSABLE OPENINGS**
[54] **ARTICLE ABSORBANT DONT LA FEUILLE SUPERIEURE COMPORTE DES ORIFICES POUVANT S'OUVRIRE ET SE FERMER**
[72] ROE, DONALD CARROLL, US
[72] NAKAHATA, HIROSHI, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-17
[86] 1999-10-20 (PCT/US99/24507)
[87] 2000-05-04 (WO00/24351)
[30] US (09/178,142) 1998-10-23

[21] **2,347,435**
[13] A1

[51] **Int.Cl. 7G01V 1/00**
[25] EN
[54] **METHOD FOR 4D PERMEABILITY ANALYSIS OF GEOLOGIC FLUID RESERVOIRS**
[54] **PROCEDE SERVANT A EFFECTUER L'ANALYSE QUADRIDIMENSIONNELLE DE PERMEABILITE DE RESERVOIRS DE FLUIDES GEOLOGIQUES**
[72] GEISER, PETER ANDERSON, US
[71] STRM, LLC, US
[85] 2001-04-17
[86] 1999-10-15 (PCT/US99/24154)
[87] 2000-04-27 (WO00/23821)
[30] US (60/104,482) 1998-10-16

[21] **2,347,436**
[13] A1

[51] **Int.Cl. 7A61L 15/56 7A61F 13/42 7G01N 33/53**
[25] EN
[54] **HYGIENIC ARTICLES CONTAINING SENSORS FOR FECAL MATERIAL**
[54] **ARTICLES HYGIENIQUES CONTENANT DES CAPTEURS POUR MATIERES FECALES**
[72] MUSCAT, ANDREAS, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-17
[86] 1999-10-29 (PCT/US99/25712)
[87] 2000-05-11 (WO00/25836)
[30] EP (98120476.1) 1998-10-29

[21] **2,347,437**
[13] A1

[51] **Int.Cl. 6A61M 5/178**
[25] EN
[54] **NEEDLE MEMBER WITH OFF-SET FLASH CHAMBER AND/OR DISPLAY MEMBER**
[54] **ENSEMBLE AIGUILLE AVEC CHAMBRE TRANSPARENTE DEPORTEE ET/OU ELEMENT DE VISUALISATION**
[72] HOLDAWAY, RICHARD G., US
[72] KINSEY, P. SPENCER, US
[71] BIO-PLEXUS, INC., US
[85] 2001-04-17
[86] 1999-10-15 (PCT/US99/24254)
[87] 2000-04-27 (WO00/23131)
[30] US (60/104,531) 1998-10-16
[30] US (60/104,537) 1998-10-16

[21] **2,347,444**
[13] A1

[51] **Int.Cl. 6B65D 8/00 6B67D 5/04**
[25] EN
[54] **LOW COST, COMPRESSED GAS FUEL STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE DE GAZ COMPRIME, A FAIBLE COUT**
[72] TILLER, DALE B., US
[72] WIENHOLD, PAUL D., US
[72] WOZNIAK, JOHN J., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] TECHNICAL PRODUCTS GROUP INCORPORATED, US
[85] 2001-04-17
[86] 1999-10-27 (PCT/US99/25227)
[87] 2000-05-04 (WO00/24641)
[30] US (60/105,889) 1998-10-27

[21] **2,347,447**
[13] A1

[51] **Int.Cl. 7A61K 33/14 7A61P 13/12**
[25] EN
[54] **BUFFERED COMPOSITIONS FOR DIALYSIS**
[54] **COMPOSITIONS TAMPONNEES DE DIALYSE**
[72] VAN SCHALKWIJK, WALTER A., US
[72] CALLAN, ROBIN, US
[71] ADVANCED RENAL TECHNOLOGIES, US
[85] 2001-04-17
[86] 1999-10-19 (PCT/US99/24583)
[87] 2000-04-27 (WO00/23086)
[30] US (09/176,063) 1998-10-20
[30] US (60/105,049) 1998-10-20

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[21] **2,347,450**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00**
[25] EN
[54] **P53 BINDING AREAS**
[54] **ZONES DE LIAISON DE P53**
[72] MULLER-SCHILLING, MARTINA, DE
[72] OREN, MOSHE, IL
[72] KRAMMER, PETER, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, STIFTUNG DES OFFENTLICHEN RECHTS, DE
[85] 2001-04-17
[86] 1999-10-18 (PCT/DE99/03343)
[87] 2000-04-27 (WO00/23583)
[30] DE (198 47 779.1) 1998-10-16

[21] **2,347,451**
[13] A1

[51] **Int.Cl. 7C07C 67/37 7C07C 67/38 7C07C 69/533**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF BETA-GAMMA UNSATURATED ESTERS**
[54] **PROCEDE DE PREPARATION D'ESTERS INSATURES BETA-GAMMA**
[72] BURKE, PATRICK MICHAEL, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[71] DSM N.V., NL
[85] 2001-04-17
[86] 1999-11-30 (PCT/US99/28247)
[87] 2000-06-29 (WO00/37411)
[30] US (09/215,409) 1998-12-18

[21] **2,347,452**
[13] A1

[51] **Int.Cl. 7D01D 5/11 7D01F 6/04 7D01F 6/06 7D01F 6/32**
[25] EN
[54] **FLASH SPINNING PROCESS AND FLASH SPINNING SOLUTION WITH AZEOTROPES**
[54] **PROCEDE DE FILAGE ECLAIR ET SOLUTION POUR FILAGE ECLAIR CONTENANT DES AZEOTROPES**
[72] DENG, NANLIN, US
[72] SHIN, HYUNKOOK, US
[72] SIEMIONKO, ROGER KEITH, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-04-17
[86] 1999-11-30 (PCT/US99/28249)
[87] 2000-06-22 (WO00/36194)
[30] US (09/211,822) 1998-12-15

[21] **2,347,453**
[13] A1

[51] **Int.Cl. 7C08F 24/00**
[25] EN
[54] **OLIGOMERIZATION, POLYMERIZATION AND COPOLYMERIZATION OF SUBSTITUTED AND UNSUBSTITUTED .ALPHA.-METHYLENE-.GAMMA.-BUTYROLACTONES AND PRODUCTS THEREOF**
[54] **OLIGOMERISATION, POLYMERISATION ET COPOLYMERISATION DE METHYLENE-.ALPHA.-BUTYROLACTONES-.GAMMA. SUBSTITUES ET NON SUBSTITUES ET PRODUITS DERIVES**
[72] GRIDNEV, ALEXEI ALEXEYEVICH, US
[72] ITTEL, STEVEN DALE, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-04-17
[86] 1999-11-30 (PCT/US99/28243)
[87] 2000-06-22 (WO00/35960)
[30] US (60/112,457) 1998-12-16

[21] **2,347,457**
[13] A1

[51] **Int.Cl. 6A61F 2/06**
[25] EN
[54] **DEVICES AND METHODS FOR USE IN PERFORMING TRANSMYOCARDIAL CORONARY BYPASS**
[54] **DISPOSITIFS ET METHODES UTILISES POUR EFFECTUER UN PONTAGE CORONARIEN TRANSMYOCARDIQUE**
[72] SHARKAWY, A. ADAM, US
[72] GITTINGS, DARIN C., US
[72] LAROYA, GILBERT S., US
[72] RAPACKI, ALAN R., US
[71] VENTRICA, INC., US
[85] 2001-04-12
[86] 1999-10-12 (PCT/US99/22954)
[87] 2000-04-20 (WO00/21463)
[30] US (09/172,098) 1998-10-13

[21] **2,347,458**
[13] A1

[51] **Int.Cl. 7B29C 45/50 7B29C 45/07 7B29C 45/23 7B29C 45/40 7B29C 45/68**
[25] EN
[54] **INJECTION MOLDING MACHINE HAVING A MODULAR CONSTRUCTION WHICH COMPRISES A PLURALITY OF DRIVE GROUPS**
[54] **PRESSE D'INJECTION PRESENTANT UNE STRUCTURE MODULAIRE COMPRENANT PLUSIEURS GROUPES D'ENTRAINEMENT**
[72] HEHL, KARL, DE
[71] HEHL, KARL, DE
[85] 2001-04-12
[86] 1999-10-09 (PCT/EP99/07582)
[87] 2000-04-20 (WO00/21729)
[30] DE (198 47 298.6) 1998-10-14

[21] **2,347,460**
[13] A1

[51] **Int.Cl. 6G06F 17/60**
[25] EN
[54] **PROCESSING SYSTEM AND METHOD FOR A HETEROGENEOUS ELECTRONIC CASH ENVIRONMENT**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'ENVIRONNEMENT A ARGENT ELECTRONIQUE HETEROGENE**
[72] TEICHER, MORDECHAI, IL
[71] TEICHER, MORDECHAI, IL
[85] 2001-04-12
[86] 1998-10-13 (PCT/IL98/00497)
[87] 2000-04-20 (WO00/22556)

[21] **2,347,461**
[13] A1

[51] **Int.Cl. 7A61K 49/00**
[25] EN
[54] **METHOD FOR VIEWING TUMOR TISSUE LOCATED WITHIN A BODY CAVITY**
[54] **PROCEDE DE VISUALISATION DE TISSUS TUMORAUX SITUES DANS UNE CAVITE CORPORELLE**
[72] LUIKEN, GEORGE A., US
[71] FLUORO PROBE, INC., US
[85] 2001-04-12
[86] 1999-10-12 (PCT/US99/21607)
[87] 2000-04-20 (WO00/21576)
[30] US (09/173,190) 1998-10-15
[30] US (09/362,805) 1999-07-28

Demandes PCT entrant en phase nationale

[21] **2,347,463**
[13] A1

[51] **Int.Cl. 6G06F 17/00 6G06G 7/48**
[25] EN
[54] **ANESTHESIA CART**
[54] **CHARIOT D'ANESTHESIE**
[72] PHOON, FLORENCE H., US
[72] KURTZ, MICHAEL, US
[72] ROSS, CHRISTOPHER, G., US
[72] RICHTER-DYCAICO, PAULA A., US
[72] RADZIMINSKI, THOMAS E., US
[72] CHANG, STEVEN W., US
[71] PYXIS CORPORATION, US
[85] 2001-04-12
[86] 1999-10-14 (PCT/US99/24082)
[87] 2000-04-27 (WO00/23908)
[30] US (09/174,205) 1998-10-16

[21] **2,347,466**
[13] A1

[51] **Int.Cl. 7A61M 1/10 7A61B 17/08 7A61B 17/34**
[25] EN
[54] **DELIVERING A CONDUIT INTO A HEART WALL TO PLACE A CORONARY VESSEL IN COMMUNICATION WITH A HEART CHAMBER AND REMOVING TISSUE FROM THE VESSEL OR HEART WALL TO FACILITATE SUCH COMMUNICATION**
[54] **ACHEMINEMENT D'UN CONDUIT JUSQUE DANS UNE PAROI DU COEUR POUR METTRE UN VAISSEAU CORONARIEN EN COMMUNICATION AVEC UNE CAVITE DU COEUR ET EXTRACTION DE TISSU DU VAISSEAU OU DE LA PAROI DU COEUR POUR FACILITER CETTE COMMUNICATION**
[72] LAROYA, GILBERT S., US
[72] RAPACKI, ALAN R., US
[72] GITTINGS, DARIN C., US
[72] FOLEY, MARK J., US
[71] VENTRICA, INC., US
[85] 2001-04-12
[86] 1999-10-12 (PCT/US99/22953)
[87] 2000-04-20 (WO00/21461)
[30] US (09/170,994) 1998-10-13

[21] **2,347,467**
[13] A1

[51] **Int.Cl. 6G06F 9/44**
[25] EN
[54] **IMPACT ANALYSIS OF A MODEL**
[54] **ANALYSE D'IMPACT D'UN MODELE**
[72] THOMAS, R. BEERBOWER, US
[72] RUSSO, MARK A., US
[72] DEFFLER, TAD A., US
[71] COMPUTER ASSOCIATES THINK, INC., US
[85] 2001-04-12
[86] 1999-10-15 (PCT/US99/24117)
[87] 2000-04-27 (WO00/23882)
[30] US (60/104,682) 1998-10-16

[21] **2,347,469**
[13] A1

[51] **Int.Cl. 6C07D 211/22 6A61K 31/445**
[25] EN
[54] **ESTERS OF (+)-ALPHA-(2,3-DIMETHOXYPHENYL)-1--2-(4-FLUOROPHENYL) ETHYL-4-PIPERIDINEMETHANOL AND THEIR USE AS PRODRUGS OF THE 5HT2A RECEPTOR ANTAGONIST MDL 110,907**
[54] **ESTERS DE (+)-ALPHA-(2,3-DIMETHOXYPHENYL)-1--2-(4-FLUOROPHENYL)ETHYL-4-PIPERIDINEMETHANOL ET LEUR UTILISATION COMME PROMEDICAMENT DE L'ANTAGONISTE DU RECEPTEUR 5HT2A MDL 110,907**
[72] VAN HIJFTE, LUC E., FR
[72] KOSLEY, RAYMOND W., JR., US
[72] CARR, ALBERT A., US
[71] AVENTIS PHARMACEUTICALS INC., US
[85] 2001-04-12
[86] 1998-10-14 (PCT/US98/21608)
[87] 2000-04-20 (WO00/21930)

[21] **2,347,470**
[13] A1

[51] **Int.Cl. 7H05B 41/392 7H05B 41/298**
[25] EN
[54] **BALLAST CIRCUIT**
[54] **CIRCUIT REGULATEUR**
[72] MOISIN, MIHAIL S., US
[71] ELECTRO-MAG INTERNATIONAL, INC., US
[85] 2001-04-12
[86] 1999-10-08 (PCT/US99/23674)
[87] 2000-04-27 (WO00/24233)
[30] US (09/173,850) 1998-10-16
[30] US (09/173,852) 1998-10-16
[30] US (09/173,966) 1998-10-16

[21] **2,347,472**
[13] A1

[51] **Int.Cl. 6A61F 2/44**
[25] EN
[54] **TELESCOPIC VERTEBRAL PROSTHESIS**
[54] **PROTHESE VERTEBRALE TELESCOPIQUE**
[72] BENOIT, ALFRED, CH
[72] LANG, BRUNO, CH
[71] SYNTHES (U.S.A.), US
[85] 2001-04-12
[86] 1998-10-15 (PCT/CH98/00441)
[87] 2000-04-27 (WO00/23013)

[21] **2,347,473**
[13] A1

[51] **Int.Cl. 7C02F 1/469 7B01D 61/48 7B01D 61/52**
[25] EN
[54] **METHOD AND APPARATUS FOR PREVENTING SCALING IN ELECTRODEIONIZATION UNITS**
[54] **PROCEDE ET DISPOSITIF DESTINES A EMPECHER L'ENTARTRAGE DANS LES UNITES DE DESIONISATION ELECTRIQUE**
[72] TESSIER, DAVID FLORIAN, CA
[72] GLEGG, ROBERT, CA
[72] BARBER, JOHN H., CA
[71] E-CELL CORPORATION, CA
[85] 2001-04-12
[86] 1999-09-24 (PCT/CA99/00882)
[87] 2000-04-27 (WO00/23382)
[30] US (09/174,248) 1998-10-16

[21] **2,347,474**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7C07D 239/00 7A61K 31/505**
[25] EN
[54] **BICYCLIC NITROGEN HETEROCYCLES**
[54] **HETEROCYCLES D'AZOTE BICYCLIQUES**
[72] HILL, CHRISTOPHER HUW, GB
[72] HARRIS, WILLIAM, GB
[72] SMITH, IAN EDWARD DAVID, GB
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2001-04-12
[86] 1999-10-13 (PCT/EP99/07675)
[87] 2000-05-04 (WO00/24744)
[30] GB (9823277.0) 1998-10-23
[30] GB (9920044.6) 1999-08-24

PCT Applications Entering the National Phase

[21] **2,347,475**
[13] A1
[51] **Int.Cl. 7G01V 1/02 7G10K 9/122**
[25] EN
[54] **SLOTTED CYLINDER MARINE SEISMIC METHOD AND SOURCE**
[54] **METHODE ET SOURCE SISMQUES MARINES UTILISANT UN ENGIN CYLINDRIQUE A FENTE**
[72] AMBS, LORAN D., US
[71] WESTERN ATLAS INTERNATIONAL, INC., US
[85] 2001-04-12
[86] 1999-10-14 (PCT/US99/23854)
[87] 2000-04-27 (WO00/23822)
[30] US (09/174,133) 1998-10-16

[21] **2,347,476**
[13] A1
[51] **Int.Cl. 7E04H 3/12**
[25] EN
[54] **ARRANGEMENT FOR A GRANDSTAND**
[54] **SYSTEME DE TRIBUNE**
[72] JOHNSON, PAR J., SE
[72] JOHNSON, BO, SE
[72] JOHNSON, LARS I., SE
[71] SIT DOWN AKTIEBOLAG, SE
[85] 2001-04-12
[86] 1999-10-06 (PCT/SE99/01775)
[87] 2000-05-11 (WO00/26486)
[30] SE (9803733-6) 1998-11-02

[21] **2,347,478**
[13] A1
[51] **Int.Cl. 6H04B 1/69**
[25] EN
[54] **METHOD AND SYSTEM FOR COMBINING ORTHOGONAL TRANSMIT DIVERSITY AND ADAPTIVE ARRAY TECHNIQUES IN A WIRELESS COMMUNICATIONS SYSTEM**
[54] **PROCEDE ET SYSTEME DE COMBINAISON D'EMISSION EN DIVERSITE DE TYPE ORTHOGONAL ET TECHNIQUES DE RESEAU ADAPTATIVES DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] HARRISON, ROBERT MARK, US
[71] MOTOROLA, INC., US
[85] 2001-04-12
[86] 1999-10-05 (PCT/US99/23266)
[87] 2000-04-27 (WO00/24133)
[30] US (09/175,050) 1998-10-19

[21] **2,347,480**
[13] A1
[51] **Int.Cl. 7H04L 9/14 7G11B 20/10 7H04N 7/167 7G06F 17/60**
[25] EN
[54] **METHOD AND DEVICE FOR PROTECTING DIGITAL DATA BY DOUBLE RE-ENCRYPTION**
[54] **PROCEDE ET DISPOSITIF DESTINES A PROTEGER DES DONNEES NUMERIQUES PAR DOUBLE RECRYPTAGE**
[72] SAITO, MAKOTO, JP
[71] MITSUBISHI CORPORATION, JP
[85] 2001-04-12
[86] 1999-10-15 (PCT/JP99/05704)
[87] 2000-04-20 (WO00/22777)
[30] JP (10/309418) 1998-10-15

[21] **2,347,482**
[13] A1
[51] **Int.Cl. 7A61B 5/00**
[25] EN
[54] **INFRARED ATR GLUCOSE MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE DU GLUCOSE FAISANT INTERVENIR LA SPECTROSCOPIE INFRAROUGE PAR REFLEXION TOTALE ATTENUÉE (ATR)**
[72] ROE, JEFFREY N., US
[72] BERMAN, HERBERT L., US
[71] MEDOPTIX, INC., US
[85] 2001-04-12
[86] 1999-10-12 (PCT/US99/23823)
[87] 2000-04-20 (WO00/21437)
[30] US (60/103,883) 1998-10-13

[21] **2,347,486**
[13] A1
[51] **Int.Cl. 7E01B 9/30 7E01B 9/48**
[25] EN
[54] **RAIL RETAINING DEVICE**
[54] **DISPOSITIF DE RETENUE D'UN LONGERON**
[72] IGWEMEZIE, JUDE O., CA
[71] IGWEMEZIE, JUDE O., CA
[85] 2001-04-12
[86] 1999-10-13 (PCT/CA99/00966)
[87] 2000-04-20 (WO00/22235)
[30] CA (2,270,299) 1998-10-14

[21] **2,347,487**
[13] A1
[51] **Int.Cl. 7H04Q 3/00**
[25] EN
[54] **PROCESSING PLATFORM**
[54] **PLATE-FORME DE TRAITEMENT**
[72] BEDDUS, SIMON ALEXANDER, GB
[72] LYLE, JOHN ANDREW, GB
[72] BRUCE, GARY LESLIE, GB
[72] FENTON, CHRISTOPHER JOHN, GB
[72] HARDING, TOBY ALEXANDER, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2001-04-12
[86] 1999-10-08 (PCT/GB99/03347)
[87] 2000-04-20 (WO00/22842)
[30] EP (98308384.1) 1998-10-14

[21] **2,347,490**
[13] A1
[51] **Int.Cl. 7G01C 19/66 7H01S 3/083**
[25] EN
[54] **APPARATUS FOR MINIMIZING THE EFFECTS OF LASER INTENSITY REDUCTION AT COLD TEMPERATURES IN RING LASER GYROS**
[54] **DISPOSITIF PERMETTANT DE MINIMISER LES EFFETS DE LA REDUCTION DE L'INTENSITE DU LASER AUX TEMPERATURES FROIDES DANS LES GYROLASERS ANNULAIRES**
[72] CALLAGHAN, TIMOTHY J., US
[72] ALBERS, STEVEN C., US
[72] BAKER, STEPHEN M., US
[72] PRIDDY, LLOYD W., US
[71] HONEYWELL INC., US
[85] 2001-04-12
[86] 1999-09-29 (PCT/US99/22599)
[87] 2000-05-18 (WO00/28280)
[30] US (09/170,532) 1998-10-13

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,347,491 [13] A1</p> <p>[51] Int.Cl. 6G05B 11/01 [25] EN [54] SYSTEM AND METHOD FOR GENERATING A CONTROL PROGRAM [54] SYSTEME ET PROCEDE DE GENERATION D'UN PROGRAMME DE COMMANDE [72] KASK, HEIKI, EE [72] WIENS, JACK, US [72] NOBEL, PETER, EE [72] HARRIS, RICHARD, US [72] FRASER, JOSEPH, US [71] SCIENSTRONIX, INC., US [85] 2001-04-12 [86] 1999-10-13 (PCT/US99/24073) [87] 2000-04-20 (WO00/22486) [30] US (09/172,473) 1998-10-13 [30] US (09/189,027) 1998-11-10</p>	<p style="text-align: right;">[21] 2,347,495 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/30 [25] EN [54] METHOD FOR DETERMINING DIFFERENCES BETWEEN TWO OR MORE MODELS [54] PROCEDE DE DETERMINATION DES DIFFERENCES ENTRE DEUX MODELES OU DAVANTAGE [72] DEFFLER, TAD A., US [72] NANDURI, SASTRY, US [72] KOSOWSKI, ALEXANDER, US [71] COMPUTER ASSOCIATES THINK, INC., US [85] 2001-04-12 [86] 1999-10-15 (PCT/US99/24120) [87] 2000-04-27 (WO00/23863) [30] US (60/104,682) 1998-10-16</p>	<p style="text-align: right;">[21] 2,347,513 [13] A1</p> <p>[51] Int.Cl. 6G06K 9/00 [25] EN [54] USER MODIFIABLE LAND MANAGEMENT ZONES FOR THE VARIABLE APPLICATION OF SUBSTANCES THERETO [54] ZONES DE GESTION DE TERRITOIRE, MODIFIABLES PAR L'UTILISATEUR, EN VUE D'UNE APPLICATION DIVERSIFIEE DE SUBSTANCES [72] WEINS, DANIEL W., US [71] CENTRAK, LLC, US [85] 2001-04-17 [86] 1999-10-22 (PCT/US99/24915) [87] 2000-04-27 (WO00/23937) [30] US (09/178,021) 1998-10-22</p>
<p style="text-align: right;">[21] 2,347,494 [13] A1</p> <p>[51] Int.Cl. 6G01N 15/06 [25] EN [54] METHODS AND APPARATUS FOR TAILORING SPECTROSCOPIC CALIBRATION MODELS [54] PROCEDE ET DISPOSITIF D'ADAPTATION POUR MODELES D'ETALONNAGE SPECTROSCOPIQUE [72] THOMAS, EDWARD V., US [72] ROWE, ROBERT, K., US [71] RIO GRANDE MEDICAL TECHNOLOGIES, INC., US [85] 2001-04-12 [86] 1999-10-12 (PCT/US99/23665) [87] 2000-04-20 (WO00/22413) [30] US (09/170,022) 1998-10-13 [30] US (09/415,432) 1999-10-08</p>	<p style="text-align: right;">[21] 2,347,499 [13] A1</p> <p>[51] Int.Cl. 7A47B 49/00 7A47B 51/00 [25] EN [54] STORAGE APPARATUS [54] DISPOSITIF DE RANGEMENT [72] STEADMAN, WILLIAM DAVID, US [71] STEADMAN, WILLIAM DAVID, US [85] 2001-04-12 [86] 1999-10-05 (PCT/GB99/03292) [87] 2000-04-20 (WO00/21411) [30] US (60/104,246) 1998-10-14</p>	<p style="text-align: right;">[21] 2,347,517 [13] A1</p> <p>[51] Int.Cl. 6A61F 2/60 6A61F 2/80 [25] EN [54] POST-OPERATIVE THERAPEUTIC DEVICE FOR AMPUTEES [54] DISPOSITIF THERAPEUTIQUE POST-OPERATOIRE POUR AMPUTES [72] SCHON, LEW CHARLES, US [72] KOWALCYZK, GREGORY JOSEPH, US [72] RHEINSTEIN, JOHN, US [71] AIRCAST, INC., US [85] 2001-04-17 [86] 1999-10-18 (PCT/US99/24420) [87] 2000-04-27 (WO00/23016) [30] US (09/174,498) 1998-10-16</p>
	<p style="text-align: right;">[21] 2,347,501 [13] A1</p> <p>[51] Int.Cl. 7C08F 210/18 7C08F 210/16 7C08L 23/16 7C08F 4/643 [25] EN [54] SHEAR THINNING ETHYLENE/.ALPHA.-OLEFIN INTERPOLYMERS AND THEIR PREPARATION [54] INTERPOLYMERES ETHYLENE/.ALPHA.-OLEFINE A FLUIDISATION PAR CISAILLEMENT ET LEUR PREPARATION [72] PARIKH, DEEPAK RASIKLAL, US [72] CADY, LARRY DUANE, US [72] MEISKE, LARRY ALAN, US [72] HUGHES, MORGAN MARK, US [72] LAUGHNER, MICHAEL KENNETH, US [71] DU PONT DOW ELASTOMERS L.L.C., US [85] 2001-04-17 [86] 1999-11-02 (PCT/US99/25637) [87] 2000-05-11 (WO00/26268) [30] US (60/106,569) 1998-11-02</p>	

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[21] **2,347,521**
[13] A1
[51] **Int.Cl. 7C12N 9/78 7C12P 41/00 7C12N 1/21 7C12P 7/42 7C12N 15/55 7C12N 15/63**
[25] EN
[54] **METHOD FOR PRODUCING CHIRAL CARBOXYLIC ACIDS FROM NITRILES WITH THE ASSISTANCE OF A NITRILASE OR MICROORGANISMS WHICH CONTAIN A GENE FOR THE NITRILASE**
[54] **PROCEDE DE PRODUCTION D'ACIDES CARBOXYLIQUES CHIRAUX A PARTIR DE NITRILES, A L'AIDE D'UNE NITRILASE OU DE MICRO-ORGANISMES COMPORTANT UN GENE CODANT POUR LA NITRILASE**
[72] FRIEDRICH, THOMAS, DE
[72] RESS-LOSCHKE, MARION, DE
[72] ENGELS, DIRK, DE
[72] MATTES, RALF, DE
[72] HAUER, BERNHARD, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2001-04-17
[86] 1999-10-13 (PCT/EP99/07679)
[87] 2000-04-27 (WO00/23577)
[30] DE (198 48 129.2) 1998-10-19

[21] **2,347,523**
[13] A1
[51] **Int.Cl. 7G06F 9/445**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATICALLY OPTIMIZING EXECUTION OF A COMPUTER PROGRAM**
[54] **PROCEDE ET DISPOSITIF D'OPTIMISATION AUTOMATIQUE D'UN PROGRAMME INFORMATIQUE**
[72] REDDY, ACHUT, US
[72] WHITE, GREG, US
[72] CHAN, SU HAN, US
[71] SUN MICROSYSTEMS, INC., US
[85] 2001-04-17
[86] 1999-09-30 (PCT/US99/22780)
[87] 2000-04-27 (WO00/23887)
[30] US (09/175,211) 1998-10-19

[21] **2,347,526**
[13] A1
[51] **Int.Cl. 7H04N 3/15**
[25] EN
[54] **OPTICAL IMAGER USING A METHOD FOR ADAPTIVE REAL-TIME EXPANDING OF THE DYNAMIC RANGE**
[54] **IMAGEUR OPTIQUE UTILISANT UN PROCEDE D'EXPANSION ADAPTATIVE EN TEMPS REEL DE LA PLAGE DYNAMIQUE**
[72] YADID-PECHT, ORLY, IL
[71] BEN-GURION UNIVERSITY OF THE NEGEV, IL
[85] 2001-04-17
[86] 1999-10-07 (PCT/IL99/00532)
[87] 2000-04-27 (WO00/24190)
[30] IL (126649) 1998-10-19

[21] **2,347,533**
[13] A1
[51] **Int.Cl. 7B27K 3/34 7B27K 3/50 7B27K 3/52**
[25] EN
[54] **NON-AQUEOUS WOOD PRESERVATIVE DIRECTED AGAINST DRY WOOD PESTS**
[54] **PRODUIT NON AQUEUX POUR PROTEGER LE BOIS SEC CONTRE DES PARASITES**
[72] HERTEL, WALTRAUD, DE
[72] FINK, HORST, DE
[72] MULLER, PETER-JURGEN, DE
[72] MAIER, SABINE, DE
[72] BEIL, DETLEF, DE
[71] TEX-COLOR R FARBEN-PUTZ-LACKE GMBH & CO. BETRIEBSGESELLSCHAFT, DE
[71] MAIER, SABINE, DE
[85] 2001-04-17
[86] 1999-10-13 (PCT/EP99/07676)
[87] 2000-04-27 (WO00/23232)
[30] DE (198 47 964.6) 1998-10-17

[21] **2,347,537**
[13] A1
[51] **Int.Cl. 7F04B 49/00**
[25] EN
[54] **PROGRAMMABLE, FLUID PRESSURE ACTUATED BLOOD PROCESSING SYSTEMS AND METHODS**
[54] **SYSTEMES PROGRAMMABLES ET PROCEDES DE TRAITEMENT DU SANG ACTIVES PAR LA PRESSION DU FLUIDE**
[72] VISHNOI, ROHIT, US
[72] WESTBERG, TOM, US
[72] VANDLIK, MARK R., US
[71] BAXTER INTERNATIONAL INC., US
[85] 2001-04-17
[86] 2000-08-29 (PCT/US00/24767)
[87] 2001-03-15 (WO01/18396)
[30] US (09/390,268) 1999-09-03
[30] US (09/389,797) 1999-09-03

[21] **2,347,540**
[13] A1
[51] **Int.Cl. 7C08L 67/00 7C08L 69/00 7C08G 64/20 7C08K 3/34 7C08G 63/78**
[25] EN
[54] **RESIN COMPOSITIONS AND PROCESS FOR PRODUCING THE SAME**
[54] **COMPOSITIONS DE RESINES ET LEURS PROCEDES DE FABRICATION**
[72] NOMA, TOMOYA, JP
[72] KOUROGI, MITSU HARU, JP
[72] SUZUKI, NORIYUKI, JP
[71] KANEKA CORPORATION, JP
[85] 2001-04-12
[86] 1999-10-12 (PCT/JP99/05627)
[87] 2000-04-20 (WO00/22042)
[30] JP (10/289016) 1998-10-12
[30] JP (10/332951) 1998-11-24
[30] JP (11/73225) 1999-03-18
[30] JP (11/119075) 1999-04-27

[21] **2,347,660**
[13] A1
[51] **Int.Cl. 6B42D 19/00 6B42D 5/00 6B42F 3/00 6B42F 13/00 6B42D 1/08**
[25] EN
[54] **BOOKLET**
[54] **CARNET**
[72] PETROVIC, DAVE, US
[72] SPAETH, MARTY, US
[71] OMNIQUIP TEXTRON INC., US
[85] 2001-01-15
[86] 1999-07-13 (PCT/US99/15672)
[87] 2000-01-20 (WO00/02738)
[30] US (09/114,079) 1998-07-13

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,347,661 [13] A1</p> <p>[51] Int.Cl. 6B42D 1/08 [25] EN [54] BOOKLET [54] LIVRET [72] SPAETH, MARTY, US [72] HANSEN, ROGER, US [72] PETROVIC, DAVE, US [71] OMNIQUIP TEXTRON INC., US [85] 2001-01-15 [86] 1999-07-13 (PCT/US99/15674) [87] 2000-01-27 (WO00/03879) [30] US (60/092,960) 1998-07-14</p>	<p style="text-align: right;">[21] 2,347,664 [13] A1</p> <p>[51] Int.Cl. 7F23Q 3/00 [25] EN [54] FAST-FIT ELECTRONIC GAS-LIGHTING DEVICE [54] DISPOSITIF ELECTRONIQUE D'ECLAIRAGE AU GAZ A INSTALLATION RAPIDE [72] ALEARDI, MASSIMO, IT [72] BIANCHI, RAOUL, IT [71] ITW INDUSTRIAL COMPONENTS S.R.L., IT [85] 2001-01-26 [86] 1999-07-28 (PCT/IT99/00245) [87] 2000-02-10 (WO00/06951) [30] IT (TO98A000651) 1998-07-28</p>	<p style="text-align: right;">[21] 2,347,667 [13] A1</p> <p>[51] Int.Cl. 7G10L 21/02 [25] EN [54] PERIODICITY ENHANCEMENT IN DECODING WIDEBAND SIGNALS [54] AMELIORATION DE LA PERIODICITE DANS LE DECODAGE DE SIGNAUX A LARGE BANDE [72] BESSETTE, BRUNO, CA [72] SALAMI, REDWAN, CA [72] LEFEBVRE, ROCH, CA [71] VOICEAGE CORPORATION, CA [85] 2001-04-18 [86] 1999-10-27 (PCT/CA99/01009) [87] 2000-05-04 (WO00/25303) [30] CA (2,252,170) 1998-10-27</p>
<p style="text-align: right;">[21] 2,347,662 [13] A1</p> <p>[51] Int.Cl. 7G11B 27/11 7G11B 27/10 7H04N 5/14 7G11B 27/28 7G06F 17/30 7G11B 27/34 7G11B 27/36 7H04N 5/44 7H04N 5/445 [25] EN [54] IDENTIFICATION OF VIDEO STORAGE MEDIA [54] IDENTIFICATION DE SUPPORT DE MEMORISATION VIDEO [72] AUSTIN, KENNETH, GB [71] 4TV LIMITED, GB [85] 2001-01-19 [86] 1999-07-20 (PCT/GB99/02338) [87] 2000-02-03 (WO00/05718) [30] GB (9815638.3) 1998-07-20</p>	<p style="text-align: right;">[21] 2,347,665 [13] A1</p> <p>[51] Int.Cl. 6B05B 1/08 [25] EN [54] REVERSING CHAMBER OSCILLATOR [54] OSCILLATEUR A CHAMBRE A ALTERNANCE [72] RAGHU, SURYA, US [71] BOWLES FLUIDICS CORPORATION, US [85] 2001-04-18 [86] 1999-10-28 (PCT/US99/23984) [87] 2000-05-04 (WO00/24520) [30] US (60/105,948) 1998-10-28 [30] US (09/427,985) 1999-10-27</p>	<p style="text-align: right;">[21] 2,347,668 [13] A1</p> <p>[51] Int.Cl. 7G10L 21/02 [25] EN [54] PERCEPTUAL WEIGHTING DEVICE AND METHOD FOR EFFICIENT CODING OF WIDEBAND SIGNALS [54] DISPOSITIF ET PROCEDE DE PONDERATION PERCEPTIVE POUR LE CODAGE EFFICACE DE SIGNAUX A LARGE BANDE [72] LEFEBVRE, ROCH, CA [72] BESSETTE, BRUNO, CA [72] SALAMI, REDWAN, CA [71] VOICEAGE CORPORATION, CA [85] 2001-04-18 [86] 1999-10-27 (PCT/CA99/01010) [87] 2000-05-04 (WO00/25304) [30] CA (2,252,170) 1998-10-27</p>
<p style="text-align: right;">[21] 2,347,663 [13] A1</p> <p>[51] Int.Cl. 7F23Q 3/00 7H05K 5/06 [25] EN [54] ELECTRONIC GAS-LIGHTING DEVICE [54] DISPOSITIF ELECTRONIQUE D'ECLAIRAGE AU GAZ [72] ALEARDI, MASSIMO, IT [72] BIANCHI, RAOUL, IT [71] ITW INDUSTRIAL COMPONENTS S.R.L., IT [85] 2001-01-26 [86] 1999-07-28 (PCT/IT99/00246) [87] 2000-02-10 (WO00/07217) [30] IT (TO98A000652) 1998-07-28</p>	<p style="text-align: right;">[21] 2,347,666 [13] A1</p> <p>[51] Int.Cl. 7B60L 11/18 [25] EN [54] HYBRID-DRIVEN DEVICE [54] SYSTEME D'ENTRAINEMENT HYBRIDE [72] SAITO, MIKIO, JP [72] YAMADA, TOSHIKI, JP [71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP [85] 2001-04-18 [86] 2000-08-24 (PCT/JP00/05660) [87] 2001-03-08 (WO01/15929) [30] JP (11/240791) 1999-08-27 [30] JP (11/242557) 1999-08-30 [30] JP (11/246493) 1999-08-31</p>	<p style="text-align: right;">[21] 2,347,710 [13] A1</p> <p>[51] Int.Cl. 7H04M 17/00 7G07F 7/08 7H04Q 7/22 7H04Q 7/38 [25] EN [54] KEYLESS PORTABLE CELLULAR PHONE SYSTEM HAVING REMOTE VOICE RECOGNITION [54] SYSTEME DE TELEPHONE CELLULAIRE PORTABLE SANS TOUCHE A RECONNAISSANCE VOCALE A DISTANCE [72] SEGAL, ALON, US [72] SEGAL, EDNA, US [71] TELESPREE COMMUNICATIONS, US [85] 2001-03-12 [86] 1999-09-30 (PCT/US99/22986) [87] 2000-04-13 (WO00/21275) [30] US (60/102,833) 1998-10-02 [30] US (09/337,050) 1999-06-21</p>

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<p style="text-align: right;">[21] 2,347,711 [13] A1</p> <p>[51] Int.Cl. 7F01D 9/06 7F01D 25/18 [25] EN [54] ISOLATED OIL FEED PIPE SOLE CONDUIT DE LUBRIFICATION SOLE [72] TREMAINE, ERIC, CA [71] PRATT & WHITNEY CANADA CORP., CA [85] 2001-03-13 [86] 1999-10-08 (PCT/CA99/00932) [87] 2000-04-20 (WO00/22281) [30] US (09/170,289) 1998-10-13</p>	<p style="text-align: right;">[21] 2,347,716 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/00 [25] EN [54] NON-INVASIVE BLOOD PRESSURE SENSOR WITH MOTION ARTIFACT REDUCTION [54] CAPTEUR NON INVASIF DE PRESSION SANGUINE AVEC REDUCTION DES ARTEFACTS DUS AUX MOUVEMENTS [72] ARCHIBALD, G. KENT, US [72] DANIELSON, ORLAND H., US [72] CURRAN, TIMOTHY G., US [72] THEDE, ROGER C., US [72] POLIAC, MARIUS O., US [71] MEDWAVE, INC., US [85] 2001-03-21 [86] 1999-10-18 (PCT/US99/24457) [87] 2000-04-27 (WO00/22983) [30] US (09/174,164) 1998-10-16</p>	<p style="text-align: right;">[21] 2,347,718 [13] A1</p> <p>[51] Int.Cl. 6C07D 209/12 6C07D 209/32 6C07D 209/34 [25] EN [54] PROCESS FOR PREPARING 4- SUBSTITUTED-1H-INDOLE-3- GLYOXAMIDES [54] PROCEDE DE PREPARATION DE 4-1H-INDOLE-3-GLYOXAMIDES SUBSTITUEES [72] PLOCHARCZYK, EDWARD FRANCIS, US [72] MILLER, RICHARD DUANE, US [72] HARN, NANCY KAY, US [72] ANDERSON, BENJAMIN ALAN, US [71] ELI LILLY AND COMPANY, US [85] 2001-04-06 [86] 1999-04-15 (PCT/US99/08325) [87] 2000-04-20 (WO00/21929) [30] US (60/103,604) 1998-10-09</p>
<p style="text-align: right;">[21] 2,347,714 [13] A1</p> <p>[51] Int.Cl. 7G02B 6/26 7H04B 10/04 7H04B 10/06 7H04B 10/12 [25] EN [54] WIRELESS OPTICAL COMMUNICATIONS WITHOUT ELECTRONICS [54] COMMUNICATIONS OPTIQUES SANS FIL SANS SIGNAUX ELECTRONIQUES [72] MEDVED, DAVID, IL [72] DAVIDOVICH, LEONID, IL [71] JOLT LTD., IL [85] 2001-03-15 [86] 1999-09-14 (PCT/IL99/00500) [87] 2000-03-23 (WO00/16489) [30] US (60/100,632) 1998-09-16</p>	<p style="text-align: right;">[21] 2,347,717 [13] A1</p> <p>[51] Int.Cl. 7B29C 70/30 [25] EN [54] A FIBRE-REINFORCED SESIN STRUCTURE HAVING HOLLOW CROSS SECTION AND MANUFACTURING METHOD THEREOF [54] STRUCTURE CREUSE EN RESINE RENFORCEE PAR DES FIBRES ET SON PROCEDE DE FABRICATION [72] SEKIDO, TOSHIHIDE, JP [72] KITANO, AKIHIKO, JP [72] YOSHIOKA, KENICHI, JP [71] TORAY INDUSTRIES, INC., JP [85] 2001-03-28 [86] 1999-09-30 (PCT/JP99/05395) [87] 2000-04-06 (WO00/18566) [30] JP (10/277641) 1998-09-30 [30] JP (10/278408) 1998-09-30 [30] JP (11/62872) 1999-03-10</p>	<p style="text-align: right;">[21] 2,347,720 [13] A1</p> <p>[51] Int.Cl. 7E01C 5/06 [25] EN [54] MOLDED BLOCK [54] PAVE MOULE [72] RINNINGER, HANS JOSEF, DE [71] HANS RINNINGER U. SOHN GMBH & CO. BETONWARENFABRIKEN, DE [85] 2001-04-09 [86] 1999-10-06 (PCT/DE99/03231) [87] 2000-04-20 (WO00/22236) [30] DE (198 46 480.0) 1998-10-09</p>
<p style="text-align: right;">[21] 2,347,715 [13] A1</p> <p>[51] Int.Cl. 6A21B 1/00 6H05B 1/00 6H05K 5/00 6F26B 21/06 6H05B 3/10 6H05K 7/16 [25] EN [54] ELECTRONICS CABINET COOLING SYSTEM [54] SYSTEME DE REFROIDISSEMENT POUR BAIE ELECTRONIQUE [72] JONES, CLIFFORD, US [71] ERICSSON INC., US [85] 2001-03-20 [86] 1999-10-08 (PCT/US99/23492) [87] 2000-04-20 (WO00/21372) [30] US (09/169,362) 1998-10-09</p>	<p style="text-align: right;">[21] 2,347,723 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/60 [25] EN [54] FULL-SERVICE RESEARCH BUREAU AND TEST CENTER METHOD AND APPARATUS [54] PROCEDE ET APPAREIL DE BUREAU DE RECHERCHE OFFRANT TOUS LES SERVICES ET DE CENTRE DE TEST [72] WU, ARTHUR F., US [72] KETCHPEL, STEVEN P., US [71] VIVIDENCE CORPORATION, US [85] 2001-04-10 [86] 1999-10-28 (PCT/US99/25551) [87] 2000-05-11 (WO00/26836) [30] US (60/106,737) 1998-11-02 [30] US (09/277,574) 1999-03-26</p>	

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<p style="text-align: right;">[21] 2,347,724 [13] A1</p> <p>[51] Int.Cl. 7C23C 22/40 7C23C 22/42 [25] EN [54] MOLYBDENUM PHOSPHATE BASED CORROSION RESISTANT CONVERSION COATINGS [54] RETELEMENTS PAR CONVERSION RESISTANTS A LA CORROSION A BASE DE PHOSPHATE DE MOLYBDENE [72] LAWLESS, PATRICK T., CA [72] TRUMBLE, WILLIAM P., CA [71] NORTEL NETWORKS LIMITED, CA [85] 2001-04-12 [86] 1999-09-30 (PCT/CA99/00906) [87] 2000-05-11 (WO00/26436) [30] US (09/184,054) 1998-11-02</p>	<p style="text-align: right;">[21] 2,347,727 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/00 [25] EN [54] PLACING A GUIDE MEMBER INTO THE HEART [54] MISE EN PLACE D'UN ELEMENT DE GUIDAGE DANS LE COEUR [72] LAROYA, GILBERT S., US [72] SHARKAWY, A. ADAM, US [72] FOLEY, MARK J., US [71] VENTRICA, INC., US [85] 2001-04-12 [86] 1999-10-12 (PCT/US99/22945) [87] 2000-04-20 (WO00/21436) [30] US (09/170,793) 1998-10-13</p>	<p style="text-align: right;">[21] 2,347,731 [13] A1</p> <p>[51] Int.Cl. 7G02B 5/23 7G02B 27/22 [25] EN [54] A METHOD FOR RECORDING AND VIEWING STEREOSCOPIC IMAGES IN COLOUR USING MULTICHROME FILTERS [54] PROCEDE D'ENREGISTREMENT ET DE VISUALISATION COULEUR D'IMAGES STEREOSCOPIQUES EN UTILISANT DES FILTRES POLYCHROMES [72] SORENSEN, SVEND ERIK BORRE, DK [72] SORENSEN, NILS LYKKE, DK [72] HANSEN, PER SKAFTE, DK [71] SORENSEN, SVEND ERIK BORRE, DK [71] SORENSEN, NILS LYKKE, DK [71] HANSEN, PER SKAFTE, DK [85] 2001-04-18 [86] 1999-10-18 (PCT/DK99/00568) [87] 2000-04-27 (WO00/23845) [30] DK (PA 1998 01342) 1998-10-20</p>
<p style="text-align: right;">[21] 2,347,725 [13] A1</p> <p>[51] Int.Cl. 7H04B 7/005 [25] EN [54] CDMA TRANSMIT PEAK POWER REDUCTION [54] REDUCTION DE LA PUISSANCE DE CRETE D'EMISSION AMRT [72] MCGOWAN, NEIL, CA [72] JIN, XIN, CA [71] NORTEL NETWORKS LIMITED, CA [85] 2001-04-12 [86] 1999-11-10 (PCT/CA99/01060) [87] 2000-06-08 (WO00/33477) [30] US (09/200,759) 1998-11-27</p>	<p style="text-align: right;">[21] 2,347,729 [13] A1</p> <p>[51] Int.Cl. 7E06B 3/54 7E06B 3/02 7E06B 3/56 [25] EN [54] POINT FITTING FOR INSULATING GLASS PANES [54] FIXATION PONCTUELLE POUR PANNEAUX DE VERRE ISOLANTS [72] GINZEL, LOTHAR, DE [71] DORMA GMBH & CO. KG, DE [85] 2001-04-17 [86] 2000-08-18 (PCT/EP00/08080) [87] 2001-03-01 (WO01/14680) [30] DE (199 39 172.6) 1999-08-20</p>	<p style="text-align: right;">[21] 2,347,732 [13] A1</p> <p>[51] Int.Cl. 7C08F 4/642 7C08F 10/00 7B01J 31/00 7C07F 5/06 [25] EN [54] COMPOUND COMPRISING A TRANSITION METAL CATION LINKED TO AN ALUMINOXATE ANION AND ITS USE AS CATALYST COMPONENTS [54] COMPOSES DE METAUX DE TRANSITION A ANIONS ALUMINOXATES CONJUGUES, ET LEUR UTILISATION COMME COMPOSANTS POUR CATALYSEURS [72] WU, FENG-JUNG, US [72] STRICKLER, JAMIE R., US [71] ALBEMARLE CORPORATION, US [85] 2001-04-18 [86] 1999-10-19 (PCT/US99/24337) [87] 2000-05-04 (WO00/24787) [30] US (09/177,736) 1998-10-23</p>
<p style="text-align: right;">[21] 2,347,726 [13] A1</p> <p>[51] Int.Cl. 6G02B 26/00 6G02B 26/08 [25] EN [54] FIELD EMISSION CHARGE CONTROLLED MIRROR (FEA-CCM) [54] MIROIR COMMANDE EN CHARGE ET A EMISSION DE CHAMP (FEA-CCM) [72] LITTLE, MICHAEL J., US [72] ROBINSON, WILLIAM P., US [72] GIFFORD, ERIC A., US [71] MEMSOLUTIONS, INC., US [85] 2001-04-12 [86] 1999-10-14 (PCT/US99/21455) [87] 2000-04-20 (WO00/22472) [30] US (09/172,612) 1998-10-15</p>	<p style="text-align: right;">[21] 2,347,730 [13] A1</p> <p>[51] Int.Cl. 6A45F 3/04 [25] EN [54] GOLF BAG CARRYING STRAPS [54] SANGLES DE TRANSPORT DE SAC DE GOLF [72] VARNEY, DAVID J., US [72] RENAHAN, MICHAEL D., US [71] MORRIS ROSENBLOOM & CO., INC., US [85] 2001-04-18 [86] 1999-11-05 (PCT/US99/26052) [87] 2000-05-18 (WO00/27243) [30] US (09/186,283) 1998-11-05</p>	

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[21] **2,347,733**
[13] A1

[51] **Int.Cl. 7B01D 53/56 7B01J 20/04**
[25] EN
[54] **PROCESS FOR ABSORBING NITROGEN OXIDES FROM GAS MIXTURES CONTAINING SAID OXIDES**
[54] **PROCEDE D'ABSORPTION D'OXYDES D'AZOTE A PARTIR DE MELANGES GAZEUX RENFERMANT CES OXYDES**
[72] DIONIGI, CHIARA, IT
[72] CALESTANI, GIANLUCA, IT
[72] MATACOTTA, FRANCESCO CINO, IT
[72] NOZAR, PETR, IT
[71] UNIVERSITA DEGLI STUDI DI PARMA, IT
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[85] 2001-04-18
[86] 1999-10-19 (PCT/EP99/07898)
[87] 2000-04-27 (WO00/23175)
[30] IT (BO98A000593) 1998-10-21

[21] **2,347,734**
[13] A1

[51] **Int.Cl. 7A61K 39/395 7C12N 5/06 7C12N 5/16**
[25] EN
[54] **METHODS AND PRODUCTS FOR REGULATING LECTIN COMPLEMENT PATHWAY ASSOCIATED COMPLEMENT ACTIVATION**
[54] **TECHNIQUES ET PRODUITS PERMETTANT DE REGULER L'ACTIVATION DU COMPLEMENT ASSOCIEE A LA VOIE DU COMPLEMENT A LECTINE**
[72] COLLARD, CHARLES D., US
[72] STAHL, GREGORY L., US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2001-04-18
[86] 1999-12-15 (PCT/US99/29919)
[87] 2000-06-22 (WO00/35483)
[30] US (60/112,390) 1998-12-15

[21] **2,347,735**
[13] A1

[51] **Int.Cl. 7G10L 21/02**
[25] EN
[54] **HIGH FREQUENCY CONTENT RECOVERING METHOD AND DEVICE FOR OVER-SAMPLED SYNTHESIZED WIDEBAND SIGNAL**
[54] **PROCEDE DE RECUPERATION DU CONTENU A HAUTE FREQUENCE ET DISPOSITIF POUR SIGNAL A LARGE BANDE SYNTHETISE SUR-ECHANTILLONNE**
[72] SALAMI, REDWAN, CA
[72] LEFEBVRE, ROCH, CA
[72] BESSETTE, BRUNO, CA
[71] VOICEAGE CORPORATION, CA
[85] 2001-04-18
[86] 1999-10-27 (PCT/CA99/00990)
[87] 2000-05-04 (WO00/25305)
[30] CA (2,252,170) 1998-10-27

[21] **2,347,736**
[13] A1

[51] **Int.Cl. 7C07C 51/487 7C07C 213/06 7C07C 67/12 7C07C 219/20 7C07C 59/54 7C07C 69/96**
[25] EN
[54] **SYNTHESIS OF OPTICALLY ACTIVE CYCLOHEXYLPHENYLGLYCOLIC ACID AND ITS ESTERS**
[54] **SYNTHESE DE L'ACIDE CYCLOHEXYLPHENYLGLYCOLIQUE, ACTIF SUR LE PLAN OPTIQUE, ET DES ESTERS DE CELUI-CI**
[72] LOPEZ, JORGE L., US
[72] BAKALE, ROGER, P., US
[72] MCCONVILLE, FRANCIS X., US
[72] SENANAYAKE, CHRIS HUGH, US
[72] VANDENBOSSCHE, CHARLES P., US
[71] SEPRACOR INC., US
[85] 2001-04-18
[86] 1999-10-22 (PCT/US99/24721)
[87] 2000-04-27 (WO00/23414)
[30] US (09/177,456) 1998-10-22
[30] US (09/211,646) 1998-12-15

[21] **2,347,737**
[13] A1

[51] **Int.Cl. 7A61H 39/04**
[25] EN
[54] **ACUPRESSURE DEVICE**
[54] **DISPOSITIF D'ACUPRESSURE**
[72] KRAMER, GEORGE H., US
[71] EAST WEST MEDICAL, L.L.P., US
[85] 2001-04-18
[86] 1999-10-15 (PCT/US99/24183)
[87] 2000-04-27 (WO00/23035)
[30] US (09/177,215) 1998-10-22

[21] **2,347,738**
[13] A1

[51] **Int.Cl. 7G01C 19/72**
[25] EN
[54] **WINDING PATTERN FOR FIBER OPTIC COILS**
[54] **MOTIF DE BOBINAGE POUR FIBRES OPTIQUES**
[72] KALISZEK, ANDREW W., US
[71] HONEYWELL INC., US
[85] 2001-04-18
[86] 1999-10-07 (PCT/US99/23381)
[87] 2000-04-27 (WO00/23765)
[30] US (09/174,833) 1998-10-19

[21] **2,347,739**
[13] A1

[51] **Int.Cl. 7H01M 4/50 7H01M 6/06**
[25] EN
[54] **TITANIUM ADDITIVES FOR MANGANESE DIOXIDE CATHODE ELECTROCHEMICAL CELL**
[54] **ADDITIFS AU TITANE POUR CELLULE ELECTROCHIMIQUE A CATHODE A BASE DE DIOXYDE DE MANGANESE**
[72] STRUNC, HANA, US
[72] DAVIS, STUART, M., US
[72] LEEF, ALEXANDER, A., US
[72] COLSON, SANDRINE, FR
[71] DURACELL INC., US
[85] 2001-04-18
[86] 1999-10-20 (PCT/US99/24471)
[87] 2000-04-27 (WO00/24071)
[30] US (09/176,500) 1998-10-21

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[21] **2,347,740**
[13] A1

[51] **Int.Cl. 7G01N 15/02**
[25] EN
[54] **EVALUATION METHOD FOR A PARTICLE COUNTER AND DEVICE FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE D'EVALUATION DESTINE A UN COMPTEUR DE PARTICULES ET DISPOSITIF PERMETTANT D'EXECUTER CE PROCEDE**
[72] SAHNER, PAUL, DE
[71] HYDAC FILTERTECHNIK GMBH, DE
[85] 2001-04-18
[86] 1998-10-21 (PCT/EP98/06670)
[87] 2000-04-27 (WO00/23787)

[21] **2,347,741**
[13] A1

[51] **Int.Cl. 7C07D 277/48 7A61K 31/427**
[25] EN
[54] **THIAZOLE-DERIVATIVES**
[54] **DERIVES DU THIAZOLE**
[72] WELLER, THOMAS, CH
[72] HILPERT, KURT, CH
[72] ALIG, LEO, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2001-04-18
[86] 1999-10-15 (PCT/EP99/07824)
[87] 2000-05-04 (WO00/24724)
[30] EP (98119985.4) 1998-10-22

[21] **2,347,742**
[13] A1

[51] **Int.Cl. 6G06G 7/48**
[25] EN
[54] **GENERATING A NONLINEAR MODEL AND GENERATING DRIVE SIGNALS FOR SIMULATION TESTING USING THE SAME**
[54] **CREATION D'UN MODELE NON LINEAIRE ET PRODUCTION DE SIGNAUX DE COMMANDE POUR TESTS DE SIMULATION UTILISANT LEDIT MODELE**
[72] BARBER, ANDREW J., US
[71] MTS SYSTEMS CORPORATION, US
[85] 2001-04-18
[86] 1999-10-19 (PCT/US99/24345)
[87] 2000-04-27 (WO00/23934)
[30] US (60/105,155) 1998-10-21
[30] US (60/112,266) 1998-12-15
[30] US (09/420,023) 1999-10-18

[21] **2,347,743**
[13] A1

[51] **Int.Cl. 7G10L 11/04**
[25] EN
[54] **A METHOD AND DEVICE FOR ADAPTIVE BANDWIDTH PITCH SEARCH IN CODING WIDEBAND SIGNALS**
[54] **PROCEDE ET DISPOSITIF DE RECHERCHE ADAPTATIVE DE LA HAUTEUR DE LARGEUR DE BANDE DANS LE CODAGE DE SIGNAUX A LARGE BANDE**
[72] LEFEBVRE, ROCH, CA
[72] BESSETTE, BRUNO, CA
[72] SALAMI, REDWAN, CA
[71] VOICEAGE CORPORATION, CA
[85] 2001-04-18
[86] 1999-10-27 (PCT/CA99/01008)
[87] 2000-05-04 (WO00/25298)
[30] CA (2,252,170) 1998-10-27

[21] **2,347,744**
[13] A1

[51] **Int.Cl. 7C08F 220/28 7C08F 290/06 7A61L 15/24 7A61L 15/58 7A61L 15/60**
[25] EN
[54] **POLYMERIZABLE MATERIAL AND SHEET MATERIAL DERIVED THEREFROM**
[54] **MATERIAU POLYMERISABLE ET MATERIAU EN FEUILLE DERIVE DUDIT MATERIAU**
[72] AL-LAMEE, KADEM GAYAD, GB
[72] TAKTAK, YOUSEF SAMIH, GB
[71] POLYBIOMED LIMITED, GB
[85] 2001-04-19
[86] 1999-09-06 (PCT/GB99/02772)
[87] 2000-03-16 (WO00/14131)
[30] GB (9819489.7) 1998-09-07

[21] **2,347,745**
[13] A1

[51] **Int.Cl. 7C11D 3/37 7C11D 3/20 7C11D 3/39**
[25] EN
[54] **PROCESS OF CLEANING CARPETS WITH A COMPOSITION COMPRISING A POLY (VINYL METHYL ETHER/MALEIC ACID) COPOLYMER**
[54] **PROCEDE DE NETTOYAGE DE TAPIS DE SOL A L'AIDE D'UNE COMPOSITION COMPRENANT UN COPOLYMER DE POLY(ETHER METHYL VINYLIQUE/ACIDE MALEIQUE)**
[72] DRESCO, PIERRE ANTOINE, IT
[72] LUMINO, FABIO, IT
[72] SCIALLA, STEFANO, IT
[72] CORZANI, ITALO, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-19
[86] 1999-10-01 (PCT/US99/22841)
[87] 2000-05-11 (WO00/26330)
[30] EP (98870231.2) 1998-10-30
[30] EP (98870232.0) 1998-10-30
[30] EP (98870042.1) 1999-03-11

[21] **2,347,746**
[13] A1

[51] **Int.Cl. 7A23L 1/105**
[25] EN
[54] **ENZYME-MODIFIED CEREAL SUSPENSIONS**
[54] **PREPARATIONS D'ENZYMES PERMETTANT DE MODIFIER DES SUSPENSIONS DE CEREALES**
[72] TRIANTAFYLLOU, ANGELIKA OSTE, SE
[71] CEREAL BASE CEBA AB, SE
[85] 2001-04-19
[86] 1999-10-08 (PCT/IB99/01860)
[87] 2000-04-27 (WO00/22938)
[30] US (60/104,706) 1998-10-19
[30] US (60/106,224) 1998-10-30
[30] US (09/302,127) 1999-04-29

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[21] **2,347,747**
[13] A1

[51] **Int.Cl. 7H04L 25/03**
[25] EN
[54] **EQUALIZATION METHOD ESPECIALLY FOR OFFSET MODULATION MODES**
[54] **PROCEDE D'EGALISATION, EN PARTICULIER POUR MODES DE MODULATION**
[72] ALDIS, JAMES, CH
[71] ASCOM POWERLINE COMMUNICATIONS AG, CH
[85] 2001-04-19
[86] 1999-10-29 (PCT/CH99/00509)
[87] 2000-05-11 (WO00/27083)
[30] EP (98811090.4) 1998-10-30

[21] **2,347,748**
[13] A1

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **METHOD FOR CHECKING TABLESPACES INVOLVED IN REFERENTIAL INTEGRITY**
[54] **PROCEDE DE VERIFICATION DES ESPACES ENTRE LES TABLES INTERVENANT DANS L'INTEGRITE REFERENTIELLE**
[72] ISIP, AMANDO B., JR., US
[72] PARKER, CHRISTOPHER F., US
[72] WEAVER, STEPHEN J., US
[71] COMPUTER ASSOCIATES THINK, INC., US
[85] 2001-04-19
[86] 1999-10-27 (PCT/US99/25195)
[87] 2000-05-04 (WO00/25237)
[30] US (60/105,883) 1998-10-27
[30] US (09/208,118) 1998-12-09

[21] **2,347,749**
[13] A1

[51] **Int.Cl. 7G01R 33/032 7G01R 15/24**
[25] EN
[54] **FIBER OPTIC CURRENT SENSOR**
[54] **DETECTEUR DE COURANT A FIBRE OPTIQUE**
[72] BLAKE, JAMES N., US
[71] THE TEXAS A & M UNIVERSITY SYSTEM, US
[85] 2001-04-19
[86] 1999-10-13 (PCT/US99/23945)
[87] 2000-05-11 (WO00/26682)
[30] US (09/183,977) 1998-10-31

[21] **2,347,750**
[13] A1

[51] **Int.Cl. 7A61K 31/37 7C07D 311/08**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING DECURSIN**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA DECURSINE**
[72] KIM, IK HWAN, KR
[72] CHONG, SE YOUNG, KR
[72] KIM, SANG KI, KR
[72] AHN, KYUNG SEOP, KR
[71] KIM, IK HWAN, KR
[71] BINEX CO., LTD., KR
[71] CHONG, SE YOUNG, KR
[85] 2001-04-19
[86] 1999-10-21 (PCT/KR99/00632)
[87] 2000-04-27 (WO00/23074)
[30] KR (1998/44339) 1998-10-22
[30] KR (1998/44340) 1998-10-22

[21] **2,347,751**
[13] A1

[51] **Int.Cl. 7A63B 23/18**
[25] EN
[54] **INSPIRATORY MUSCLE TRAINING DEVICE WITH VARIABLE LOADING**
[54] **DISPOSITIF D'ENTRAINEMENT INSPIRATOIRE A CHARGE VARIABLE**
[72] LACY, GRAHAM KEITH, GB
[72] CAINE, MICHAEL PETER, GB
[72] MCCONNELL, ALISON KAY, GB
[71] IMT TECHNOLOGIES LIMITED, GB
[85] 2001-04-19
[86] 1999-10-21 (PCT/EP99/08146)
[87] 2000-05-04 (WO00/24476)
[30] EP (98308706.5) 1998-10-23

[21] **2,347,752**
[13] A1

[51] **Int.Cl. 7C07C 311/51 7A61K 31/16 7A61K 31/18 7C07D 213/82**
[25] EN
[54] **N-(2-ARYL-PROPIONYL)-SULFONAMIDES AND PHARMACEUTICAL PREPARATIONS CONTAINING THEM**
[54] **N-(2-ARYL-PROPIONYL)-SULFAMIDES ET PREPARATIONS PHARMACEUTIQUES CONTENANT CES DERNIERS**
[72] COLOTTA, FRANCESCO, IT
[72] GANDOLFI, CARMELO A., IT
[72] MANTOVANINI, MARCO, IT
[72] CASELLI, GIANFRANCO, IT
[72] SABBATINI, VILMA, IT
[72] PORZIO, STEFANO, IT
[72] ALLEGRETTI, MARCELLO, IT
[72] BERTINI, RICCARDO, IT
[72] BIZZARRI, CINZIA, IT
[72] CESTA, MARIA CANDIDA, IT
[71] DOMPE S.P.A., IT
[85] 2001-04-19
[86] 1999-10-14 (PCT/EP99/07740)
[87] 2000-05-04 (WO00/24710)
[30] IT (MI98A002280) 1998-10-23

[21] **2,347,753**
[13] A1

[51] **Int.Cl. 7C10M 129/00 7C10M 133/04**
[25] EN
[54] **LUBRICATING COMPOSITIONS WITH IMPROVED THERMAL STABILITY AND LIMITED SLIP PERFORMANCE**
[54] **COMPOSITIONS LUBRIFIANTES PRESENTANT UNE STABILITE THERMIQUE ET UNE EFFICACITE DE GLISSEMENT AMELIOREES**
[72] CAIN, ROBERT W., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2001-04-19
[86] 1999-10-19 (PCT/US99/24365)
[87] 2000-04-27 (WO00/23543)
[30] US (60/104,807) 1998-10-19

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[21] **2,347,754**
[13] A1

[51] **Int.Cl. 7A61B 17/22**
[25] EN
[54] **ABLATION DEVICE FOR REDUCING DAMAGE TO VESSELS AND/OR IN-VIVO STENTS**
[54] **DISPOSITIF D'ABLATION SERVANT A LIMITER DES DETERIORATIONS OCCASIONNEES A DES VAISSEAUX ET/OU A DES TUTEURS INTRAVASCULAIRES IN VIVO**
[72] HEFNER, MATT, US
[72] WULFMAN, EDWARD, US
[72] HIBLAR, TOM, US
[72] PEARCE, JOSEPH, US
[72] BARRY, ROBERT L., US
[72] PESKIN, NATALYA, US
[71] BOSTON SCIENTIFIC LIMITED, US
[85] 2001-04-19
[86] 1999-10-18 (PCT/US99/24320)
[87] 2000-05-04 (WO00/24321)
[30] US (09/178,450) 1998-10-23

[21] **2,347,755**
[13] A1

[51] **Int.Cl. 7G01G 19/04**
[25] EN
[54] **TRACK SCALES**
[54] **BASCULE A WAGONS**
[72] HOSE VON WOLFFRAMSDORFF, JOACHIM, DE
[72] GASSMANN, HELMUT, DE
[71] PFISTER WAAGEN GMBH, DE
[85] 2001-04-19
[86] 1999-10-20 (PCT/EP99/07966)
[87] 2000-04-27 (WO00/23770)
[30] DE (198 48 119.5) 1998-10-20

[21] **2,347,756**
[13] A1

[51] **Int.Cl. 7C07C 51/10 7C07C 53/128**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF .ALPHA.,.ALPHA.-BRANCHED CARBOXYLIC ACIDS**
[54] **PROCEDE DE PRODUCTION D'ACIDES .ALPHA.,.ALPHA. CARBOXYLIQUES RAMIFIES**
[72] OTTEN, VINCENT, NL
[72] STIL, HANS ARIE, NL
[72] LANGE, JEAN-PAUL, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2001-04-19
[86] 1999-10-19 (PCT/EP99/07931)
[87] 2000-05-04 (WO00/24700)
[30] EP (98203575.0) 1998-10-22

[21] **2,347,757**
[13] A1

[51] **Int.Cl. 7C07D 209/52 7C07B 37/10**
[25] EN
[54] **METHOD FOR PRODUCING (+)-EXO-6-PHENYL-3-AZABICYCLO-3.2.0]HEPTANES**
[54] **PROCEDE DE PRODUCTION DE (+)-EXO-6-PHENYL-3-AZABICYCLO-3.2.0]HEPTANES**
[72] STEINER, GERD, DE
[72] HENNINGSSEN, MICHAEL, DE
[72] BUSCHMANN, ERNST, DE
[72] PFEIFFER, THOMAS, DE
[72] BISCHOF, NORBERT, DE
[72] VIERGUTZ, WOLFGANG, DE
[72] MUNSCHAUER, RAINER, US
[72] KREI, GEORG ARNOLD, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2001-04-19
[86] 1999-10-13 (PCT/EP99/07682)
[87] 2000-04-27 (WO00/23423)
[30] DE (198 48 521.2) 1998-10-21

[21] **2,347,758**
[13] A1

[51] **Int.Cl. 7C07C 51/487 7C07B 57/00 7C07C 59/48 7C07C 59/64**
[25] EN
[54] **METHOD FOR RACEMATE SPLITTING OF 2-HYDROXYPROPIONIC ACIDS**
[54] **PROCEDE DE FISSION RACEMIQUE D'ACIDES 2-HYDROXYPROPIONIQUES**
[72] BERNARD, HARALD, DE
[72] RIECHERS, HARTMUT, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2001-04-19
[86] 1999-10-16 (PCT/EP99/07858)
[87] 2000-05-11 (WO00/26170)
[30] DE (198 50 301.6) 1998-10-30

[21] **2,347,760**
[13] A1

[51] **Int.Cl. 6H04B 1/06**
[25] EN
[54] **POSITIONAL CAMERA AND GPS DATA INTERCHANGE DEVICE**
[54] **CAMERA DE POSITION ET DISPOSITIF D'ECHANGE DE DONNEES GPS**
[72] OBRADOVICH, MICHAEL L., US
[71] AMERICAN CALCAR INC., US
[85] 2001-04-19
[86] 1999-10-21 (PCT/US99/24868)
[87] 2000-04-27 (WO00/24131)
[30] US (60/105,050) 1998-10-21

[21] **2,347,763**
[13] A1

[51] **Int.Cl. 7C07D 333/08 7C07B 61/00 7C07D 209/08 7C07D 277/22 7C07D 307/28 7C07D 207/32**
[25] EN
[54] **METHOD OF LITHIATING FIVE-MEMBERED HETEROCYCLES**
[54] **PROCEDE DE LITHIFICATION D'HETEROCYCLES A CINQ CHAINONS**
[72] RITTMAYER, PETER, DE
[72] LISCHKA, UWE, DE
[72] HAUKE, DIETER, DE
[72] WIETELMANN, ULRICH, DE
[71] CHEMETALL GMBH, DE
[85] 2001-04-23
[86] 1999-10-21 (PCT/EP99/07985)
[87] 2000-05-04 (WO00/24732)
[30] DE (198 49 197.2) 1998-10-26

[21] **2,347,764**
[13] A1

[51] **Int.Cl. 7H01H 1/20**
[25] EN
[54] **SEMI-BIFURCATED ELECTRICAL CONTACTS**
[54] **CONTACTS ELECTRIQUES SEMI-BIFURQUES**
[72] PASSOW, CHRISTIAN H., US
[71] SIEMENS ENERGY & AUTOMATION, INC., US
[85] 2001-04-23
[86] 1999-12-22 (PCT/US99/30781)
[87] 2000-07-13 (WO00/41194)
[30] US (09/224,787) 1999-01-04

[21] **2,347,765**
[13] A1

[51] **Int.Cl. 7G06F 11/20**
[25] EN
[54] **COLUMN REDUNDANCY CIRCUIT WITH REDUCED SIGNAL PATH DELAY**
[54] **CIRCUIT DE REDONDANCE DE COLONNES A DECALAGE REDUIT DU TRAJET DU SIGNAL**
[72] WEI, FANGXING, US
[72] MAR, CYNTHIA, CA
[72] KIKUKAWA, HIROHITO, JP
[71] MOSAID TECHNOLOGIES INCORPORATED, CA
[85] 2001-04-23
[86] 1999-10-29 (PCT/CA99/01054)
[87] 2000-05-11 (WO00/26784)
[30] US (09/182,495) 1998-10-30

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[21] **2,347,766**
[13] A1
[51] **Int.Cl. 7F16F 7/12 7E01F 15/00**
7B61L 29/02 7B66C 15/04 7B61D 15/06
7B62D 21/15 7B66B 5/28 7B60R 19/40
[25] EN
[54] **SHOCK ABSORBING DEVICE**
[54] **DISPOSITIF AMORTISSEUR DE**
CHOC
[72] AMEUR, GABSI, FR
[71] DYTESYS, FR
[85] 2001-04-23
[86] 1999-10-22 (PCT/FR99/02575)
[87] 2000-05-04 (WO00/25037)
[30] FR (98/13295) 1998-10-23

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[13] A1
[51] **Int.Cl. 6A61B 17/115 6A61B 17/064**
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[25] EN
[54] **MECHANICAL ANASTOMOSIS**
SYSTEM FOR HOLLOW STRUCTURES
[54] **SYSTEME MECANIQUE**
D'ANASTOMOSES POUR
STRUCTURES CREUSES
[72] SUYKER, WILHELMUS JOSEPH
LEONARDUS, NL
[72] SUYKER, PAULUS THOMAS
WILHELMUS, NL
[71] SUYKER, WILHELMUS JOSEPH
LEONARDUS, NL
[71] SUYKER, PAULUS THOMAS
WILHELMUS, NL
[85] 2001-04-23
[86] 1998-10-22 (PCT/NL98/00605)
[87] 1999-05-06 (WO99/21491)
[30] NL (1007349) 1997-10-24

[21] **2,347,768**
[13] A1
[51] **Int.Cl. 6C07C 319/14 6C07C 321/28**
[25] EN
[54] **SYNTHESIS OF**
METHYLTHIOPHENYL
HYDROXYKETONES
[54] **SYNTHESE DES**
HYDROXYKETONES DE
METHYLTHIOPHENYLE
[72] O'SHEA, PAUL, CA
[72] DAVIES, IAN W., US
[72] GRABOWSKI, EDWARD J., J., US
[72] WANG, XIN, CA
[72] CHEN, CHENG Y., US
[72] TILLYER, RICHARD D., US
[72] KING, ANTHONY ON-PING, US
[72] ZHAO, DALIAN, US
[72] LARSEN, ROBERT D., US
[71] MERCK FROSST CANADA & CO.,
CA
[71] MERCK & CO., INC., US
[85] 2001-04-23
[86] 1999-10-25 (PCT/US99/25064)
[87] 2000-05-04 (WO00/24711)
[30] US (60/105,830) 1998-10-27

[21] **2,347,769**
[13] A1
[51] **Int.Cl. 7C07D 211/26 7C07D 401/12**
7C07D 401/14
[25] EN
[54] **2-SUBSTITUTED-4-NITROGEN**
HETEROCYCLES AS MODULATORS
OF CHEMOKINE RECEPTOR
ACTIVITY
[54] **HETEROCYCLES 2-SUBSTITUES-**
4-AZOTE UTILISEES EN TANT QUE
MODULATEURS DE L'ACTIVITE DES
RECEPTEURS DES CHIMIOKINES
[72] WATSON, PAUL S., US
[72] KO, SOO S., US
[72] DELUCCA, GEORGE V., US
[72] WACKER, DEAN A., US
[72] SANTELLA, JOSEPH B., III, US
[71] DUPONT PHARMACEUTICALS
COMPANY, US
[85] 2001-04-23
[86] 1999-12-17 (PCT/US99/30313)
[87] 2000-06-22 (WO00/35876)
[30] US (60/112,716) 1998-12-18

[21] **2,347,770**
[13] A1
[51] **Int.Cl. 7A61K 31/445 7C07D 401/04**
7C07D 221/20 7C07D 211/32 7C07D 211/
52 7C07D 211/58 7C07D 211/62 7C07D
211/66 7C07D 211/76
[25] EN
[54] **N-UREIDOALKYL-PIPERIDINES**
AS MODULATORS OF CHEMOKINE
RECEPTOR ACTIVITY
[54] **N-UREIDOALKYL-PIPERIDINES**
UTILISEES EN TANT QUE
MODULATEURS DE L'ACTIVITE DES
RECEPTEURS DES CHIMIOKINES
[72] KIM, UI TAE, US
[72] SANTELLA, JOSEPH B., III, US
[72] DUNCIA, JOHN V., US
[72] DELUCCA, GEORGE V., US
[72] KO, SOO S., US
[72] WACKER, DEAN A. K., US
[71] DUPONT PHARMACEUTICALS
COMPANY, US
[85] 2001-04-23
[86] 1999-12-17 (PCT/US99/30334)
[87] 2000-06-22 (WO00/35452)
[30] US (60/112,717) 1998-12-18
[30] US (60/161,221) 1999-10-22

[21] **2,347,772**
[13] A1
[51] **Int.Cl. 7B60T 13/66 7B61F 5/10**
7B61F 5/50
[25] EN
[54] **BRAKE SYSTEM FOR RAILWAY**
VEHICLES
[54] **SYSTEME DE FREINAGE POUR**
VEHICULE SUR RAILS
[72] KLEEMANN, ULRICH, DE
[72] AURICH, STEFAN, DE
[72] FIRSCHING, PETER, DE
[72] VOHLA, MANFRED, DE
[72] WALDMANN, PETER, DE
[71] KNORR-BREMSE SYSTEME FUR
SCHIENENFAHRZEUGE GMBH, DE
[85] 2001-04-23
[86] 1999-10-22 (PCT/EP99/08015)
[87] 2000-05-04 (WO00/24625)
[30] DE (198 48 990.0) 1998-10-23
[30] DE (198 48 992.7) 1998-10-23
[30] DE (198 48 994.3) 1998-10-23
[30] DE (198 48 995.1) 1998-10-23

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[13] A1
[51] **Int.Cl. 7C07D 223/10 7A61P 35/00 7C07D 401/12 7C07D 403/12 7C07D 409/12 7A61K 31/55**
[25] EN
[54] **CERTAIN SUBSTITUTED CAPROLACTAMS, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR USE IN TREATING TUMORS**
[54] **CAPROLACTAMES SUBSTITUES, COMPOSITIONS PHARMACEUTIQUES CONTENANT CES COMPOSES ET LEUR UTILISATION DANS LE TRAITEMENT DES TUMEURS**
[72] VERSACE, RICHARD WILLIAM, US
[72] WATTANASIN, SOMPONG, US
[72] BAIR, KENNETH WALTER, US
[72] JAGOE, CHRISTOPHER TURCHIK, US
[72] KINDER, FREDERICK RAY JR., US
[71] NOVARTIS AG, CH
[85] 2001-04-23
[86] 1999-11-15 (PCT/EP99/08767)
[87] 2000-05-25 (WO00/29382)
[30] US (09/193,354) 1998-11-17

[21] **2,347,774**
[13] A1
[51] **Int.Cl. 7A01N 61/00**
[25] EN
[54] **HERBICIDAL COMPOSITION**
[54] **COMPOSITION HERBICIDE**
[72] STEHLI, ANDREAS, CH
[72] ZOSCHKE, ANDREAS, DE
[72] NEVILL, DAVID JOHN, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2001-04-19
[86] 1999-11-08 (PCT/EP99/08559)
[87] 2000-05-18 (WO00/27203)
[30] DE (198 51 854.4) 1998-11-10
[30] DE (198 59 224.8) 1998-12-21
[30] DE (199 15 013.3) 1999-04-01
[30] DE (199 19 951.5) 1999-04-30

[21] **2,347,775**
[13] A1
[51] **Int.Cl. 7A61K 9/16 7A61J 3/06 7A61K 9/10 7A61K 9/14 7A61K 9/20**
[25] EN
[54] **PROCESS FOR PRODUCING SPHERICAL FINE PARTICLES CONTAINING DRUG**
[54] **PROCEDE DE PRODUCTION DE FINES PARTICULES SPHERIQUES CONTENANT UN MEDICAMENT**
[72] MIZOBE, MASAKAZU, JP
[72] ISHIBASHI, TAKASHI, JP
[72] NAGAO, KEIGO, JP
[72] IKEGAMI, KENGO, JP
[72] YOSHINO, HIROYUKI, JP
[71] TANABE SEIYAKU CO., LTD., JP
[85] 2001-04-19
[86] 1999-10-22 (PCT/JP99/05833)
[87] 2000-05-04 (WO00/24379)
[30] JP (10/303784) 1998-10-26

[21] **2,347,777**
[13] A1
[51] **Int.Cl. 6B65D 3/22**
[25] EN
[54] **INSULATED CUP AND METHOD OF MANUFACTURE**
[54] **GODET ISOLE ET PROCEDE DE PRODUCTION**
[72] SADLIER, CLAUS E., US
[71] INSULAIR, INC., US
[85] 2001-04-23
[86] 1999-11-24 (PCT/US99/27973)
[87] 2000-06-08 (WO00/32482)
[30] US (09/201,621) 1998-11-30

[21] **2,347,778**
[13] A1
[51] **Int.Cl. 7E04H 15/44**
[25] EN
[54] **A TENT WHICH IS PITCHED AND DISASSEMBLED BY ONE TOUCH**
[54] **TENTE POUVANT ETRE MONTEE ET DEMONTEE EN UNE SEULE OPERATION**
[72] CHANG, JAE CHUL, KR
[71] CHANG, JAE CHUL, KR
[85] 2001-04-19
[86] 1999-10-19 (PCT/KR99/00624)
[87] 2000-04-27 (WO00/23676)
[30] KR (1998/19996 U) 1998-10-19
[30] KR (1998/19998 U) 1998-10-19
[30] KR (1998/43721) 1998-10-19
[30] KR (1998/28763 U) 1998-12-31
[30] KR (1999/4500 U) 1999-03-20
[30] KR (1999/4554 U) 1999-03-22
[30] KR (1999/10359) 1999-03-25
[30] KR (1999/8017 U) 1999-05-12
[30] KR (1999/8057 U) 1999-05-12
[30] KR (1999/8354 U) 1999-05-15
[30] KR (1999/9422 U) 1999-05-31
[30] KR (1999/10807 U) 1999-06-17
[30] KR (1999/19738 U) 1999-09-14

[21] **2,347,779**
[13] A1
[51] **Int.Cl. 6H04N 7/10 6H04N 7/16**
[25] EN
[54] **METHOD AND APPARATUS FOR CUSTOMIZED RENDERING OF COMMERCIALS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT UNE PRESENTATION PERSONNALISEE DE PUBLICITES**
[72] SHAH-NAZAROFF, ANTHONY A., US
[72] IKI, JEAN M. GOLDSCHMIDT, US
[72] SMITH, ERIC O., US
[72] HACKSON, DAVID N., US
[72] MOORE, KENNETH A., US
[71] INTEL CORPORATION, US
[85] 2001-04-23
[86] 1999-10-28 (PCT/US99/25517)
[87] 2000-05-11 (WO00/27118)
[30] US (09/183,487) 1998-10-30

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[13] A1
[51] **Int.Cl. 7F01C 1/08 7F01C 1/16**
[25] EN
[54] **TWIN HELICAL ROTORS FOR INSTALLATION IN DISPLACEMENT MACHINES FOR COMPRESSIBLE MEDIA**
[54] **ROTORS EN FORME DE VIS JUMEELEE PERMETTANT LE MONTAGE DE MACHINES DE REFOULEMENT DESTINEES A DES AGENTS COMPRESSIBLES**
[72] BECHER, ULRICH, CH
[71] ATELIERS BUSCH S.A., CH
[85] 2001-04-19
[86] 1999-10-01 (PCT/CH99/00466)
[87] 2000-05-04 (WO00/25004)
[30] EP (98811063.1) 1998-10-23

[21] **2,347,782**
[13] A1
[51] **Int.Cl. 6H05G 1/02**
[25] EN
[54] **MINIATURE C-ARM APPARATUS WITH DUAL MONITOR SYSTEM AND SINGLE DRIVER INTERFACE THEREFOR**
[54] **APPAREIL MINIATURE A BRAS EN C AVEC MONITEUR A DEUX DISPOSITIFS D’AFFICHAGE VIDEO ET INTERFACE DE COMMANDE UNIQUE**
[72] HIGGINS, WILLIAM E., US
[72] BROWN, SANDRA L., US
[72] TOMASETTI, PERRY J., US
[71] FLUOROSCAN IMAGING SYSTEMS, INC., US
[85] 2001-04-19
[86] 1999-10-18 (PCT/US99/24302)
[87] 2000-04-27 (WO00/24234)
[30] US (60/104,810) 1998-10-19
[30] US (60/109,968) 1998-11-25

[21] **2,347,784**
[13] A1
[51] **Int.Cl. 7F17D 1/04 7F17D 3/14**
[25] EN
[54] **DEWATERING METHOD FOR GAS SUPPLY SYSTEMS**
[54] **PROCEDE D’ASSECHEMENT DANS LES SYSTEMES D’ALIMENTATION EN GAZ**
[72] HONIDEN, TERUO, JP
[72] YAMAJI, MICHIO, JP
[72] MINAMI, YUKIO, JP
[72] HIRAI, TOURU, JP
[72] KAWADA, KOUJI, JP
[72] KOMEHANA, KATUNORI, JP
[72] IKEDA, NOBUKAZU, JP
[72] MORIMOTO, AKIHIRO, JP
[71] FUJIKIN INCORPORATED, JP
[85] 2001-04-19
[86] 2000-09-11 (PCT/JP00/06209)
[87] 2001-03-22 (WO01/20221)
[30] JP (11/258547) 1999-09-13

[21] **2,347,787**
[13] A1
[51] **Int.Cl. 7B29B 17/00 7B29B 9/02 7B02C 19/14 7B02C 18/22 7B02C 18/44**
[25] EN
[54] **SHUTTLE GRANULATOR**
[54] **BROYEUR DE TYPE NAVETTE**
[72] MAGUIRE, STEPHEN B., US
[71] MAGUIRE PRODUCTS, INC., US
[85] 2001-04-19
[86] 1999-04-06 (PCT/US99/07559)
[87] 2000-05-04 (WO00/24557)
[30] US (60/106,012) 1998-10-28

[21] **2,347,789**
[13] A1
[51] **Int.Cl. 6A63B 21/02**
[25] EN
[54] **EXERCISE APPARATUS**
[54] **APPAREIL D’EXERCICES**
[72] ENDELMAN, KEN, US
[71] ENDELMAN, KEN, US
[85] 2001-04-19
[86] 1999-10-21 (PCT/US99/24641)
[87] 2000-04-27 (WO00/23148)
[30] US (09/176,533) 1998-10-21

[21] **2,347,790**
[13] A1
[51] **Int.Cl. 6A61B 17/04**
[25] EN
[54] **ABSORBABLE POLYMERS AND SURGICAL ARTICLES FABRICATED THEREFROM**
[54] **POLYMERES RESORBABLES ET ARTICLES CHIRURGICAUX FABRIQUES A PARTIR DE CEUX-CI**
[72] JONN, JERRY Y., US
[72] KOKISH, LYDMILLA K., US
[72] MEHTA, ROOMA, US
[72] ROBY, MARK S., US
[71] UNITED STATES SURGICAL CORPORATION, US
[85] 2001-04-19
[86] 1999-10-16 (PCT/US99/24404)
[87] 2000-04-27 (WO00/22991)
[30] US (09/175,286) 1998-10-20
[30] US (09/416,367) 1999-10-09

[21] **2,347,791**
[13] A1
[51] **Int.Cl. 7C11D 17/00**
[25] EN
[54] **COLOURED TABLET**
[54] **PASTILLE COLOREE**
[72] VEGA, JOSE LUIS, BE
[72] ARNAU-MUNOZ, JOSE, FR
[72] OLLERO NOVO, MARIA DEL MAR, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-23
[86] 1999-10-27 (PCT/US99/25223)
[87] 2000-05-18 (WO00/27989)
[30] EP (98870239.5) 1998-11-05

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[21] **2,347,792**
[13] A1
[51] **Int.Cl. 7C07C 237/22 7C07D 277/10 7A61K 31/195 7C07D 215/233 7C07D 217/26 7A61K 31/33 7C07D 209/42 7C07D 211/60 7C07D 213/64**
[25] EN
[54] (SUBSTITUTED)ACYL DIPEPTIDYL INHIBITORS OF THE ICE/CED-3 FAMILY OF CYSTEINE PROTEASES
[54] INHIBITEURS ACYLE(SUBSTITUE)DIPEPTIDYLE DE LA FAMILLE ICE/CED-3 DES CYSTEINES PROTEASES
[72] ROBINSON, EDWARD D., US
[72] ULLMAN, BRETT R., US
[72] KARANEWSKY, DONALD S., US
[72] KALISH, VINCENT J., US
[71] IDUN PHARMACEUTICALS, INC., US
[85] 2001-04-23
[86] 1999-10-22 (PCT/US99/24756)
[87] 2000-04-27 (WO00/23421)
[30] US (09/177,546) 1998-10-22

[21] **2,347,794**
[13] A1
[51] **Int.Cl. 7C10M 105/74 7C10M 169/04**
[25] EN
[54] PHOSPHATE ESTER BASE STOCKS COMPRISING MIXED N-BUTYL/SOBTUTYL PHOSPHATE ESTERS AND AIRCRAFT HYDRAULIC FLUIDS COMPRISING THE SAME
[54] SUBSTANCES A BASE D'ESTERS PHOSPHORIQUES COMPRENANT DES ESTERS PHOSPHORIQUES MIXTES DE N-BUTYL/SOBTUTYL ET FLUIDES POUR AVIONS COMPRENANT CES SUBSTANCES
[72] ANTIKA, SHLOMO, US
[72] POIRER, MARC-ANDRE, CA
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2001-04-23
[86] 1999-11-04 (PCT/US99/26089)
[87] 2000-05-18 (WO00/27955)
[30] US (60/107,923) 1998-11-10

[21] **2,347,796**
[13] A1
[51] **Int.Cl. 7G01L 1/16 7G01L 7/00 7G01L 5/16 7G01L 1/22**
[25] EN
[54] METHOD AND APPARATUS FOR MEASURING TORQUE
[54] PROCEDE ET APPAREIL DE MESURE DE COUPLE
[72] LAMBSON, VERNON A., US
[71] LAMBSON, VERNON A., US
[85] 2001-04-23
[86] 1999-10-21 (PCT/US99/24599)
[87] 2000-05-11 (WO00/26625)
[30] US (60/106,492) 1998-10-30

[21] **2,347,797**
[13] A1
[51] **Int.Cl. 7A61M 29/02 7A61N 5/00**
[25] EN
[54] ADJUSTABLE RADIATION SOURCE
[54] SOURCE DE RAYONNEMENT REGLABLE
[72] URICK, MICHAEL J., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2001-04-23
[86] 2000-09-21 (PCT/US00/25860)
[87] 2001-03-29 (WO01/21248)
[30] US (09/404,388) 1999-09-23

[21] **2,347,798**
[13] A1
[51] **Int.Cl. 7C07C 7/20 7C10G 9/16**
[25] EN
[54] A PROCESS FOR BLENDING PETROLEUM OILS TO AVOID BEING NEARLY INCOMPATIBLE
[54] PROCEDE PERMETTANT DE MELANGER DES PETROLES LAMPANTS PERMETTANT ET VISANT A EVITER L'OBTENTION DE MELANGES QUASI INCOMPATIBLES
[72] WIEHE, IRWIN ANDREW, US
[72] KENNEDY, RAYMOND JOHN, US
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US
[85] 2001-04-23
[86] 1999-11-05 (PCT/US99/26167)
[87] 2000-06-02 (WO00/31006)
[30] US (09/200,067) 1998-11-25

[21] **2,347,799**
[13] A1
[51] **Int.Cl. 6B60Q 1/52**
[25] EN
[54] VEHICULAR WARNING LIGHT HAVING A DICHROIC ELEMENT
[54] FEUX DE DETRESSE DE VEHICULE A ELEMENT DICHROIQUE
[72] KREUTZER, ROBERT E., US
[72] STEIN, PAUL L., US
[72] DOHOGNE, DENNIS A., US
[71] CODE 3, INC., US
[85] 2001-04-23
[86] 1999-11-02 (PCT/US99/25708)
[87] 2000-05-11 (WO00/26063)
[30] US (60/106,705) 1998-11-02

[21] **2,347,800**
[13] A1
[51] **Int.Cl. 7A01N 43/90**
[25] EN
[54] FUNGICIDAL COMBINATIONS COMPRISING THIENO-2,3-DIPYRIMIDIN-4-ONE
[54] COMBINAISONS FONGICIDES CONTENANT DE LA THIENO-2,3-DIPYRIMIDIN-4-ONE
[72] WALTER, HARALD, CH
[72] FORSTER, BIRGIT, CH
[72] KNAUF-BEITER, GERTRUDE, DE
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2001-04-23
[86] 1999-11-04 (PCT/EP99/08449)
[87] 2000-05-18 (WO00/27200)
[30] GB (9824331.4) 1998-11-06

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[21] **2,347,808**
[13] A1

[51] **Int.Cl. 6A01H 1/00 6C12N 15/00 6C12N 15/29**
[25] EN
[54] **NEW PLANTS FORMED BY MICROPARTICLE BOMBARDMENT WITH UNCHARACTERISED DNA**
[54] **NOUVELLES PLANTES OBTENUES PAR BOMBARDEMENT DE MICROPARTICULES A L'AIDE D'UN ADN NON CARACTERISE**
[72] BLAKENEY, ANTHONY BERNARD, AU
[72] ABEDINIA, MAHIN, AU
[72] LEWIN, LAURENCE GEORGE, AU
[72] HENRY, ROBERT JAMES, AU
[71] SOUTHERN CROSS UNIVERSITY, AU
[71] RURAL INDUSTRIES RESEARCH & DEVELOPMENT CORPORATION, AU
[85] 2001-04-23
[86] 1999-10-18 (PCT/AU99/00897)
[87] 2000-05-04 (WO00/24244)
[30] AU (PP 6646) 1998-10-22

[21] **2,347,812**
[13] A1

[51] **Int.Cl. 6G06F 13/00 6G06F 17/30**
[25] EN
[54] **INFORMATION PRESENTATION AND MANAGEMENT IN AN ONLINE TRADING ENVIRONMENT**
[54] **GESTION ET PRESENTATION D'INFORMATIONS DANS UN ENVIRONNEMENT COMMERCIAL EN LIGNE**
[72] HESS, MARTIN L., US
[72] WILSON, MICHAEL K., US
[71] EBAY, INC., US
[85] 2001-04-23
[86] 1999-08-12 (PCT/US99/18510)
[87] 2000-05-04 (WO00/25218)
[30] US (09/177,726) 1998-10-23

[21] **2,347,816**
[13] A1

[51] **Int.Cl. 7A61F 2/06 7A61B 17/11**
[25] EN
[54] **ANASTOMOSIS DEVICE**
[54] **DISPOSITIF D'ANASTOMOSE**
[72] BERREKLOUW, ERIC, NL
[71] BERREKLOUW, ERIC, NL
[85] 2001-04-23
[86] 1999-10-23 (PCT/NL99/00658)
[87] 2000-05-04 (WO00/24339)
[30] NL (1010386) 1998-10-23

[21] **2,347,818**
[13] A1

[51] **Int.Cl. 7G06K 19/077 7C09J 5/06 7B29C 45/14**
[25] EN
[54] **HOT-MELT ADHESIVE COMPONENT LAYERS FOR SMART CARDS**
[54] **COUCHE CONSTITUTIVE POUR CARTES INTELLIGENTES CONSTITUEES D'ADHESIFS FUSIBLES**
[72] KOLB, UWE, DE
[72] WUSTRICH, LIANE, DE
[72] RANFT, PAUL, DE
[72] GRUTZNER, JURGEN, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2001-04-23
[86] 1999-10-13 (PCT/EP99/07683)
[87] 2000-05-04 (WO00/25264)
[30] DE (198 48 712.6) 1998-10-22

[21] **2,347,820**
[13] A1

[51] **Int.Cl. 7F02D 9/10**
[25] EN
[54] **FLAP MECHANISM**
[54] **MECANISME A CLAPET**
[72] JESSBERGER, THOMAS, DE
[72] MAIER, STEFAN, DE
[72] VACULIK, ROBERT, DE
[71] FILTERWERK MANN & HUMMEL GMBH, DE
[85] 2001-04-23
[86] 1999-10-14 (PCT/EP99/07724)
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[30] DE (198 48 440.2) 1998-10-21

[21] **2,347,822**
[13] A1

[51] **Int.Cl. 7B24B 7/18**
[25] EN
[54] **BORDER PLANING MACHINE FOR WOOD FLOORS**
[54] **MACHINE A RABOTER LES BORDS POUR PLANCHERS EN BOIS**
[72] MARCHINI, CLAUDIO, IT
[72] MIGLIARI, RAFFAELE, IT
[72] ZANCHETTA, RICCARDO, IT
[71] MARCHINI, CLAUDIO, IT
[71] MIGLIARI, RAFFAELE, IT
[71] ZANCHETTA, RICCARDO, IT
[85] 2001-04-23
[86] 1999-10-28 (PCT/EP99/08202)
[87] 2000-05-11 (WO00/25979)
[30] IT (MN98A000041) 1998-11-03

[21] **2,347,825**
[13] A1

[51] **Int.Cl. 7H02M 7/00**
[25] EN
[54] **CONVERTER APPLIANCE CAPACITOR ASSEMBLY**
[54] **UNITE CONDENSATEUR POUR UN CONVERTISSEUR D'APPAREIL**
[72] SCHOLTEN, JOHANNES, DE
[72] DRABON, RODSCHA, DE
[72] ZENGERLE, MANFRED, DE
[71] DAIMLERCHRYSLER AG, DE
[85] 2001-04-23
[86] 1999-10-26 (PCT/EP99/08089)
[87] 2000-05-11 (WO00/27020)
[30] DE (198 49 858.6) 1998-10-29

[21] **2,347,826**
[13] A1

[51] **Int.Cl. 7C07C 221/00 7C07C 223/00 7C07C 225/00 7C07C 229/00**
[25] EN
[54] **NOVEL AMINE AND QUATERNARY AMMONIUM COMPOUNDS MADE FROM KETONES AND ALDEHYDES, AND COMPOSITIONS CONTAINING THEM**
[54] **COMPOSES D'AMINE ET D'AMMONIUM QUATERNAIRE OBTENUS A PARTIR DE CETONES ET D'ALDEHYDES, ET COMPOSITIONS A BASE DE CES COMPOSES**
[72] STEIGER, PHILIP HOWARD, US
[72] TONEY, CHRISTOPHER JOSEPH, US
[71] GOLDSCHMIDT CHEMICAL COMPANY, US
[85] 2001-04-23
[86] 2000-08-23 (PCT/US00/23071)
[87] 2001-03-01 (WO01/14313)
[30] US (60/150,518) 1999-08-24

[21] **2,347,829**
[13] A1

[51] **Int.Cl. 7C23C 16/00**
[25] EN
[54] **SUBSTRATE WITH AN ORGANIC DIFFUSION BARRIER LAYER**
[54] **COUCHE BARRIERE DE DIFFUSION AVEC EFFET BARRIERE IMPORTANT**
[72] MOSER, EVA MARIA, CH
[71] EMPA EIDGENOSSISCHE MATERIALPRUFUNGS-UND FORSCHUNGSANSTALT, CH
[85] 2001-04-23
[86] 1999-12-01 (PCT/CH99/00575)
[87] 2000-06-08 (WO00/32838)
[30] CH (2386/98) 1998-12-01

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[21] **2,347,877**

[13] A1

[51] **Int.Cl. 7A61B 5/15 7G01N 33/543**

[25] EN

[54] **CASSETTE AND APPLICATOR
FOR BIOLOGICAL AND CHEMICAL
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[54] **CASSETTE ET APPLICATEUR
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ECHANTILLONS BIOLOGIQUES ET
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[72] VIRTANEN, JORMA, US

[71] BURSTEIN LABORATORIES, INC.,
US

[85] 2001-04-24

[86] 1999-08-24 (PCT/US99/19257)

[87] 2000-03-02 (WO00/10460)

[30] US (09/139,213) 1998-08-24

[21] **2,348,665**

[13] A1

[51] **Int.Cl. 7C12N 15/10 7A01H 5/00**

7C12N 15/31 7C12N 15/63 7C12N 15/82

[25] EN

[54] **ROOT-PREFERRED PROMOTERS
AND THEIR USE**

[54] **PROMOTEURS DESTINES
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RACINES ET UTILISATIONS DE CES
DERNIERS**

[72] BRUCE, WESLEY B., US

[72] SIMS, LYNNE E., US

[71] PIONEER HI-BRED
INTERNATIONAL, INC., US

[85] 2001-05-04

[86] 1999-11-17 (PCT/US99/27236)

[87] 2000-06-02 (WO00/31249)

[30] US (60/109,721) 1998-11-24

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[21] **2,342,402**
[13] A1

[51] **Int.Cl. 7H04B 15/00**
[25] EN
[54] **A METHOD FOR DETECTING AND ELIMINATING NARROWBAND CHANNEL INTERFERENCE**
[54] **METHODE DE DETECTION ET D'ELIMINATION DU BROUILLAGE DE CANAUX A BANDE ETROITE**
[72] JAGGER, CHARLES E., CA
[72] TOBIA, MICOLINO, CA
[72] WILLETTS, MARK N., CA
[71] ILLINOIS SUPERCONDUCTOR CANADA CORPORATION, CA
[22] 1999-02-02
[43] 2000-01-19
[62] 2,260,653

[21] **2,347,599**
[13] A1

[51] **Int.Cl. 7C07D 307/83**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF PYRIMIDINE COMPOUNDS**
[54] **PROCEDE POUR L'OBTENTION DE PYRIMIDINES**
[72] JONES, JOHN DAVID, GB
[72] COX, BRIAN GEOFFREY, GB
[72] FIELDEN, JAN MICHAEL, GB
[72] DEBOOS, GARETH ANDREW, GB
[72] WILKINSON, PAUL, GB
[71] ZENECA LIMITED, GB
[22] 1991-11-12
[43] 1992-05-17
[62] 2,095,848
[30] GB (9024992.1) 1990-11-16
[30] GB (9024960.8) 1990-11-16
[30] GB (9110592.4) 1991-05-16
[30] GB (9112833.0) 1991-06-14
[30] GB (9112832.2) 1991-06-14
[30] GB (9113914.7) 1991-06-27
[30] GB (9113911.3) 1991-06-27

[21] **2,347,669**
[13] A1

[51] **Int.Cl. 7B01D 21/26 7G01N 1/10 7G01N 33/483**
[25] EN
[54] **ANALYTICAL ROTORS AND METHODS FOR ANALYSIS OF BIOLOGICAL FLUIDS**
[54] **CENTRIFUGEUR POUR L'ANALYSE DES FLUIDES BIOLOGIQUES**
[72] BRAYNIN, BORIS, US
[72] SCHEMBRI, CAROL T., US
[72] BURD, TAMMY LEIGH, US
[72] OSTOICH, VLADIMIR, US
[71] ABAXIS, INC., US
[22] 1991-05-31
[43] 1991-12-12
[62] 2,082,827
[30] US (532,524) 1990-06-04
[30] US (678,762) 1991-04-01
[30] US (678,823) 1991-04-01
[30] US (678,824) 1991-04-01

[21] **2,347,670**
[13] A1

[51] **Int.Cl. 7C07K 14/655 7A61K 51/08**
[25] EN
[54] **RADIOLABELED SOMATOSTATIN-DERIVED PEPTIDES FOR IMAGING**
[54] **PEPTIDES RADIOMARQUES, DERIVES DE LA SOMATOSTATINE, POUR UTILISATION EN IMAGERIE**
[72] DEAN, RICHARD T., US
[72] LISTER-JAMES, JOHN, US
[72] MCBRIDE, WILLIAM, US
[71] DIATIDE, INC., US
[22] 1994-06-03
[43] 1995-01-05
[62] 2,167,281
[30] US (08/092,335) 1993-07-15

[21] **2,347,899**
[13] A1

[51] **Int.Cl. 7H04L 7/033 7H04B 17/00**
[25] EN
[54] **OFDM TIMING AND FREQUENCY RECOVERY SYSTEM**
[54] **SYSTEME DE SYNCHRONISATION ET DE RESTITUTION DE FREQUENCE**
[72] MCGIBNEY, GRANT H., CA
[71] TELECOMMUNICATIONS RESEARCH LABORATORIES, CA
[22] 1996-08-12
[43] 1998-02-13
[62] 2,183,140

[21] **2,348,182**
[13] A1

[51] **Int.Cl. 7C07C 233/49 7B01F 17/00 7B01J 13/00 7C07C 233/47**
[25] EN
[54] **NOVEL COMPLEX AND EMULSIFIED COMPOSITION**
[54] **NOUVELLE COMPOSITION COMPLEXE EMULSIFIEE**
[72] OHMURA, TAKAYUKI, JP
[72] NAKAMA, YASUNARI, JP
[72] YAMAGUCHI, MICHIIHIRO, JP
[72] MIYAZAWA, KIYOSHI, JP
[71] SHISEIDO COMPANY, LTD., JP
[22] 1991-06-15
[43] 1991-12-26
[62] 2,064,835
[30] JP (2-157257) 1990-06-15
[30] JP (3-166367) 1991-06-11

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COMBS, DONALD WARD	2,347,092	L.L.C.	2,347,501	HUMMEL GMBH	2,347,820
COMPUTER ASSOCIATES		DUCHON, BRENT G.	2,347,370	FINK, HORST	2,347,533
THINK, INC.	2,347,467	DULTZ, WOLFGANG	2,346,917	FIRMENICH SA	2,346,897
COMPUTER ASSOCIATES		DUNCIA, JOHN V.	2,346,933	FIRMENICH, ANTOINE	2,346,897
THINK, INC.	2,347,495	DUNCIA, JOHN V.	2,347,770	FIRSCHING, PETER	2,347,772
COMPUTER ASSOCIATES		DUPONT PHARMACEUTICALS		FLUORO PROBE, INC.	2,347,461
THINK, INC.	2,347,748	COMPANY	2,346,933	FLUOROSCAN IMAGING	
CONSIGLIO NAZIONALE		DUPONT PHARMACEUTICALS		SYSTEMS, INC.	2,347,782
DELLE RICERCHE	2,347,733	COMPANY	2,347,769	FOLEY, MARK J.	2,347,466
CONSOL ENERGY, INC.	2,347,403	DUPONT PHARMACEUTICALS		FOLEY, MARK J.	2,347,727
COOKE, JOEL M.	2,347,093	COMPANY	2,347,770	FORBES MEDI-TECH INC.	2,346,881
CORDS, BRUCE R.	2,347,423	DURACELL INC.	2,347,739	FOREST, KATRINA T.	2,347,242
CORZANI, ITALO	2,347,745	DUSHMAN, LAWRENCE M.	2,347,297	FORSTER, BIRGIT	2,347,800
COTE, GILLES	2,345,923	DYTESYS	2,347,766	FRANK, GEORG	2,347,090
COTTER, CHRISTOPHER	2,344,179	E.I. DU PONT DE NEMOURS		FRANSSON, PER-IVAR	2,346,923
COUPLER DEVELOPMENTS		AND COMPANY	2,347,377	FRANTZ MEDICAL	
LIMITED	2,346,880	E.I. DU PONT DE NEMOURS		DEVELOPMENT LTD.	2,346,930
CPRX LLC	2,346,688	AND COMPANY	2,347,426	FRANTZ, MARK G.	2,346,930
CROCKETT, K. DAVID	2,347,028	E.I. DU PONT DE NEMOURS		FRASER, JOSEPH	2,347,491
CRYOVAC, INC.	2,347,031	AND COMPANY	2,347,451	FRIEDRICH, THOMAS	2,347,521
CUINE, ALAIN	2,347,105	E.I. DU PONT DE NEMOURS		FUGLSANG, ERIK	2,346,875
CURAGEN CORPORATION	2,347,371	AND COMPANY	2,347,452	FUJIKIN INCORPORATED	2,347,784
CURRAN, TIMOTHY G.	2,347,716	E.I. DU PONT DE NEMOURS		FUJISAWA PHARMACEUTICAL	
CUSHMAN, MARK S.	2,347,100	AND COMPANY	2,347,453	CO., LTD.	2,347,001
D'ACCHIOLI, VINCENZO	2,346,910			FUJISAWA, YUKIO	2,347,095

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GARDNER, DANIEL S.	2,346,933	HILDEBRANDT, KLAUS- DIETER	2,346,901	JAGANNATH, GIRISH	2,346,926
GAREYEV, ROUSTAM	2,347,015	HILL, CHRISTOPHER HUW	2,347,474	JAGENBERG PAPIERTECHNIK GMBH	2,346,916
GASSMANN, HELMUT	2,347,755	HILPERT, KURT	2,347,741	JAGOE, CHRISTOPHER TURCHIK	2,347,773
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GERVENS, NORBERT	2,347,282	HOLDAWAY, RICHARD G.	2,347,433	JOHNSON, GREG A.	2,347,101
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HANS RINNINGER U. SOHN GMBH & CO.		IMT TECHNOLOGIES LIMITED	2,347,751	KIM, IK HWAN	2,347,750
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HANSEN, PER SKAFTE	2,347,731	INSTITUT FUR OBERFLACHENMODIFIZIE RUNG E.V.	2,347,415	KIM, UI TAE	2,347,770
HANSEN, ROGER	2,347,661	INSTITUTO DE BIOTECNOLOGIA-UNAM	2,346,877	KINDER, FREDERICK RAY JR.	2,347,773
HARDING, TOBY ALEXANDER	2,347,487	INSULAIR, INC.	2,347,777	KING, ANTHONY ON-PING	2,347,768
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