

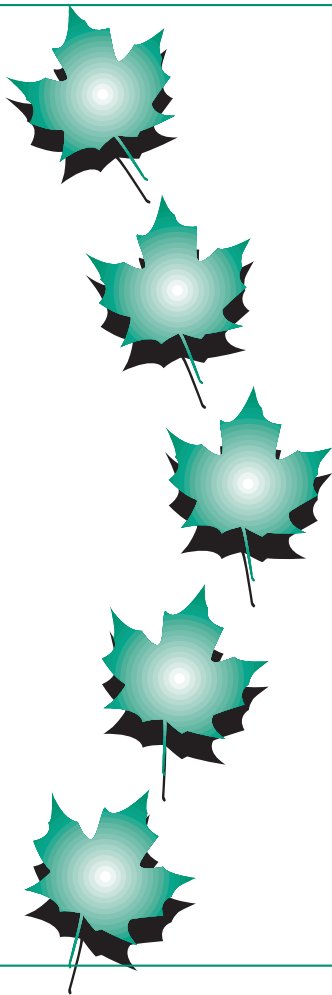


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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Canada

CIPO  OPIC

THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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

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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.

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

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

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

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

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

Avis

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

Dates

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

Chiffres de code

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

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

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

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

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

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

Avis

2. Country Codes

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

3. Canadian Class Titles

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

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

4. Class Schedules and Definitions

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

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

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

A) Paper Copies

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

2. Codes des pays

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

3. Liste des classes canadiennes

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

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

4. Listes et définitions des classes

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

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

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A) Copies sur papier

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Notices

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

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

E-mail: tic@micromedia.on.ca

B) Microform Copies

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

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

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

6. Orders for Patents By Class or Sub-Class

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

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

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Courriel: tic@micromedia.on.ca

B) Copies en microforme

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

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

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
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E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

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

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

7. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

7. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

8. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

8. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Compulsory Licences

Three years after a patent has been granted one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the Patent Act. Applications for a compulsory licence are made to the Commissioner of Patents.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la Loi sur les brevets. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

9. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the Patent Office Record indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 10 of these notices.

9. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la Gazette du Bureau des brevets, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

Notices

10. List of Patents Available for Licence or Sale

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

2,142,381
2,142,795
2,150,742
2,232,671
2,256,199
2,165,535 issued on July 6, 1999

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. 1,158,400 which issued on December 5, 1983 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

12. Laid-Open Applications

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

13. Language of Published Documents

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

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

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

2,142,381
2,142,795
2,150,742
2,232,671
2,256,199
2,165,535 émis le 6 juillet 1999

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 5 décembre 1983 sont maintenant expirés, jusque et y compris le no. 1,158,400. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

12. Demandes mises à la disponibilité du public

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

13. Langue du document publié

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

Avis

14. Patent Cooperation Treaty (PCT)

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

SCHEDULE OF FEES APPLICABLE AS OF NOVEMBER 15, 2000

BARÈME DE TAXES À PARTIR DU 15 NOVEMBRE 2000

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee: (Rule 15.2(a))	562.00
Amount for each additional sheet over 30	13.00
3. Designation Fee: (Rule 15.2(a))	121.00
The maximum that can be charged for the Designation Fee is \$1,088.00; therefore, if more than 8 countries are designated the fee remains \$1,088.00	

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

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

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

Preliminary Examination

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

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

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

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

TAXES	MONTANTS \$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base: (Règle 15.2(a))	562,00
Montant pour chaque feuille au delà de 30	13,00
3. Taxe de désignation (par pays) (Règle 15.2(a))	121,00
Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 8 pays sont désignés, la taxe demeure 1 088,00 \$.	

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

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

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

Examen préliminaire

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

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

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

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

Notices

15. PCT Notices

PCT Signature Requirements

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

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15. Avis PCT

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Avis

16.Laid-Open Applications

The Patent Office Record of December 5, 2000 contains laid-open applications from November 12, 2000 - November 18, 2000 .

16. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 12 novembre 2000 - 18 novembre 2000.

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[13] C

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[25] EN
[54] **SYNTHESIS OF A CRYSTALLINE SILICOALUMINOPHOSPHATE**
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[73] CHEVRON RESEARCH AND TECHNOLOGY COMPANY, US
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[54] **TRAITEMENT DES METAUX EN VUE DE LEUR REVETEMENT**
[72] Baldi, Alfonso L., US
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[54] **ADN ENCODANT L'ENZYME TRANSFORMANT LE PRECURSEUR DE L'INTERLEUKINE 1BETA**
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[72] Molineaux, Susan M., US
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[72] Rantanen, Rauno, FI
[73] VALMET CORPORATION, FI
[22] 1992-09-15
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[11] **2,078,825**
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[25] EN
[54] **PROCESS AND REACTOR FOR CARRYING OUT NON-ADIABATIC CATALYTIC REACTIONS**
[54] **PROCEDE ET REACTEUR POUR OBTENIR DES REACTIONS CATALYTIQUES NON ADIABATIQUES**
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[72] Topsøe, Haldor F. A., DK
[73] Haldor Topsoe A/S, DK
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[13] C
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[25] EN
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[72] Suh, Kyung W., US
[73] THE DOW CHEMICAL COMPANY, US
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[30] US (07/537,974) 1990-06-14

[11] **2,085,216**
[13] C
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[25] EN
[54] **TETRAHYDROISOQUINOLINYLCARBAMATES OF 1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO -2,3-B] INDOLE**
[54] **TETRAHYDROISOQUINOLINYLCARBAMATES DE 1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO -2,3-B] INDOLE**
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[72] Hellsley, Grover Cleveland, US
[72] Glamkowski, Edward Joseph, US
[72] Chiang, Yulin, US
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5C07C 255/57 5C07C 323/62 5C07C 69/96**
[25] EN
[54] **NOVEL CARBOXYLATE
COMPOUNDS, LIQUID CRYSTAL
MATERIALS, LIQUID CRYSTAL
COMPOSITIONS AND LIQUID
CRYSTAL ELEMENT**
[54] **DERIVES, PRODUITS
CRISTALLISES LIQUIDES,
COMPOSITIONS CRISTALLISEES
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[11] **2,089,170**
[13] C

[51] **Int.Cl. 5C07H 13/06 5C07C 67/03
5C07C 69/33 5C07C 69/58**
[25] EN
[54] **POLYOL POLYESTER SYNTHESIS**
[54] **SYNTHESE D'UN POLYESTER DE
TYPE POLYOL**

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[72] Bruno, David J., Jr., US
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[72] Howie, John K., US
[72] Kao, Ju-Nan, US
[72] Pearson, Scott D., US
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[73] THE PROCTER & GAMBLE
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[87] (WO92/04360)
[30] US (580,706) 1990-09-11

[11] **2,089,183**
[13] C

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[25] EN
[54] **TRAVELLING MOLD TUNNEL
APPARATUS FOR SMOOTH WALLED
PIPE**
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POUR TUYAU A PAROI LISSE**
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[54] **DISPOSITIF DETECTEUR
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[73] WAGNER ALARM- UND
SICHERUNGSSYSTEME GmbH, DE
[85] 1993-06-16
[86] 1992-09-11 (PCT/EP92/02092)
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[13] C

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[11] **2,102,809**
[13] C

[51] **Int.Cl. 5D01F 2/00 5D01D 5/06 5D01D
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[54] **PROCESS FOR MANUFACTURING
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A DEVICE FOR CARRYING IT OUT**
[54] **METHODE ET DISPOSITIF DE
FABRICATION DE CORPS MOULES EN
CELLULOSE**
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[72] Rauch, Ernst, AT
[72] Koberger, Hermann, AT
[72] Ecker, Friedrich, AT
[72] Rűf, Hartmut, AT
[72] Jurkovic, Raimund, AT
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[87] (WO93/19230)
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[13] C

[51] **Int.Cl. 5C10M 107/06 5B22D 17/00
5C10M 155/02 5B22D 17/22**
[25] EN
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USE IN DIECASTING OF METALS AND
PROCESS**
[54] **COMPOSITIONS LUBRIFIANTES
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SOUS PRESSION DE METAUX, ET
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[54] **FILTRE A AIR GERMICIDE**
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[11] **2,110,914**
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[54] **SOLUBILITY PARAMETER BASED DRUG DELIVERY SYSTEM AND METHOD FOR ALTERING DRUG SATURATION CONCENTRATION**
[54] **SYSTEME DE DELIVRANCE DE MEDICAMENTS BASE SUR LES PARAMETRES DE SOLUBILITE ET METHODE POUR MODIFIER LE TAUX DE SATURATION D'UN MEDICAMENT**
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[72] Sablotsky, Steven, US
[73] Noven Pharmaceuticals, Inc., US
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[30] US (722,342) 1991-06-27

[11] **2,115,216**
[13] C
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[25] EN
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[72] Tanibata, Toru, JP
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[51] **Int.Cl. 5D06M 15/03 5A61K 7/46**
[25] EN
[54] **LIQUID FABRIC SOFTENER WITH PROTECTED CYCLODEXTRINE/ PERFUME COMPLEX**
[54] **ASSOUPLISSANT LIQUIDE POUR TISSUS A COMPLEXE PROTEGE CYCLODEXTRINE/PARFUM**
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[72] Bacon, Dennis Ray, US
[72] Benvegna, Fernando, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1994-02-11
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[30] US (751,351) 1991-08-28

[11] **2,116,678**
[13] C
[51] **Int.Cl. 5G01J 5/20 5H01L 31/024**
[25] EN
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[72] Hocker, G. Benjamin, US
[72] Holmen, James O., US
[72] Johnson, Robert G., US
[73] HONEYWELL INC., US
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[87] (WO93/25878)

[11] **2,119,258**
[13] C
[51] **Int.Cl. 6B23B 31/22**
[25] EN
[54] **BALL LOCK APPARATUS FOR SMALL DIAMETER TOOLHOLDERS**
[54] **DISPOSITIF DE VERROUILLAGE A BILLES POUR PORTE-OUTILS DE FAIBLE DIAMETRE**
[72] Armbrust, William D., US
[72] Royal, Harold James, US
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[11] **2,119,680**
[13] C
[51] **Int.Cl. 5H01R 13/658 5H04B 3/50**
[25] EN
[54] **TELECOMMUNICATIONS CIRCUIT ASSEMBLIES OF WIRES AND CONNECTORS**
[54] **DISPOSITIFS DE TELECOMMUNICATION FAITS DE FILS ET DE CONNECTEURS**
[72] Guilbert, Paul-Andre, CA
[73] NORDX/CDT, INC., CA
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[13] C
[51] **Int.Cl. 5B67D 5/58**
[25] EN
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[73] Kvaerner Pulping Aktiebolag, SE
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[30] SE (9103266-4) 1991-11-06

[11] **2,123,283**
[13] C
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[25] EN
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[54] **PROCEDE POUR L'OBTENTION
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[72] Hendrick, Kendall B., US
[72] Kanewske, William J., III, US
[72] Lagocki, Peter A., US
[72] Martin, Richard R., US
[72] Mitchell, James E., US
[72] Moore, Larry W., US
[72] Pennington, Charles D., US
[72] Walker, Edna S., US
[72] Smith, B. Jane, US
[72] Tayi, Apparao, US
[72] Vaught, James A., US
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[30] US (07/859,218) 1992-03-27
[30] US (07/916,737) 1992-07-20

[11] **2,129,857**
[13] C

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5C08K 9/04
[25] EN
[54] **RED PHOSPHORUS FLAME
RETARDANT AND NONFLAMMABLE
RESINOUS COMPOSITION**
[54] **COMPOSITION DE RESINE
LUMINOUBE ROUGE IGNIFUGE ET
ININFLAMMABLE**
[72] Sakon, Ichiro, JP
[72] Inao, Yosikazu, JP
[72] Numa, Sachiko, JP
[72] Kobayashi, Tsuyoshi, JP
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[30] JP (5-220671) 1993-08-12

[11] **2,135,179**
[13] C

[51] **Int.Cl. 5A61K 31/445 5A61K 9/02**
5A61K 31/40
[25] EN
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COMPOSITIONS OF
ALKYLSULPHONAMIDES 5HT1
AGONISTS FOR RECTAL
ADMINISTRATION**
[54] **COMPOSITIONS
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ADMINISTRATION RECTALE**
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[72] Thielemans, Isabelle, FR
[73] **Laboratoires Glaxo SA, FR**
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[30] GB (9209882.1) 1992-05-07

[11] **2,136,822**
[13] C

[51] **Int.Cl. 5C07F 9/547 5C07F 9/38**
5A61K 31/66
[25] EN
[54] **THIO-SUBSTITUTED CYCLIC
PHOSPHONATE COMPOUNDS FOR
TREATING ABNORMAL CALCIUM
AND PHOSPHATE METABOLISM**
[54] **COMPOSES PHOSPHONATE
CYCLIQUES A SUBSTITUANT THIO
POUR TRAITER LE METABOLISME
ANORMAL DU CALCIUM ET DU
PHOSPHATE**
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[72] Francis, Marion D., US
[73] **Procter & Gamble Pharmaceuticals, Inc.,
US**
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[86] 1993-05-26 (PCT/US93/04978)
[87] (WO93/24497)
[30] US (890,886) 1992-05-29
[30] US (052,696) 1993-04-30

[11] **2,141,004**
[13] C

[51] **Int.Cl. 6G01N 21/35**
[25] EN
[54] **IR-BASED NITRIC OXIDE SENSOR
HAVING WATER VAPOR
COMPENSATION**
[54] **DETECTEUR D'OXYDE NITRIQUE
FONCTIONNANT DANS L'IR, AVEC
SYSTEME DE COMPENSATION POUR
L'ABSORPTION PAR L'EAU**
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[72] Jack, Michael D., US
[73] **ENVIROTEST SYSTEMS CORP., US**
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[30] US (239,151) 1994-05-05

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[13] C

[51] **Int.Cl. 6H04N 7/173**
[25] EN
[54] **SCHEDULING POLICIES WITH
GROUPING FOR PROVIDING VCR
CONTROL FUNCTIONS IN A VIDEO
SERVER**
[54] **POLITIQUES
D'ORDONNANCEMENT A
GROUPEMENT POUR REALISER DES
FONCTIONS DE COMMANDE DE
MAGNETOSCOPE DANS UN SERVEUR
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HOST CELL TRANSFORMED
THEREWITH AND AN EXPRESSION
PRODUCT THEREOF**
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[25] EN
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[54] **METHODE ET APPAREIL DE PRODUCTION D'ELECTRICITE UTILISANT L'ENERGIE HOULOMOTRICE**
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[54] SELECTEUR DE CARTE
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[25] EN
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[54] PROCEDE DE TRANSFORMATION
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[30] DE (196 17 601.8) 1996-05-02

[11] **2,188,452**
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[51] Int.Cl. 6C07H 15/04 6C07D 335/02
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[87] (WO95/29926)
[30] US (08/234,121) 1994-04-28

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[51] Int.Cl. 6G07F 17/42
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[85] 1996-10-31
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[30] US (08/237,486) 1994-05-03

[11] **2,190,142**
[13] C
[51] Int.Cl. 6H04L 1/08 6G06F 13/14
[25] EN
[54] METHOD AND SYSTEM FOR
REMOTE PROCEDURE CALL VIA AN
UNRELIABLE COMMUNICATION
CHANNEL USING MULTIPLE
RETRANSMISSION TIMERS
[54] PROCEDE ET SYSTEME
APPLICABLE A UN APPEL DE
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PAR UN CANAL DE COMMUNICATION
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[87] (WO96/30841)
[30] US (08/413,561) 1995-03-30

[11] **2,192,319**
[13] C
[51] Int.Cl. 6B65H 75/10 6B31C 1/00
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[25] EN
[54] CORE FOR CORE WOUND PAPER
PRODUCTS HAVING PREFERRED
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[54] **AUTOMATED WIRELESS-CALL COMPLETION USING A PAGING NETWORK**
[54] **ETABLISSEMENT AUTOMATIQUE DES APPELS DANS UN SYSTEME DE COMMUNICATION SANS FIL AU MOYEN D'UN RESEAU DE TELEMESSAGERIE**
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[13] C

[51] **Int.Cl. 6D06M 13/46 6D06M 13/224 6D06M 13/35 6D06M 13/402**
[25] EN
[54] **RINSE ADDED FABRIC SOFTENER COMPOSITIONS CONTAINING ANTIOXIDANTS FOR SUN-FADE PROTECTION FOR FABRICS**
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[72] Hartman, Frederick Anthony, US
[72] Severns, John Cort, US
[72] Baker, Ellen Schmidt, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[87] (WO96/03481)
[30] US (08/280,689) 1994-07-26

[11] **2,193,203**
[13] C

[51] **Int.Cl. 6A61K 9/16**
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[30] GB (9412273.6) 1994-06-18

[11] **2,194,199**
[13] C

[51] **Int.Cl. 6G10L 7/00**
[25] EN
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[54] **SYSTEME DE CODAGE ET DE DECODAGE DE SIGNAUX AUDIO**
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[72] Takamizawa, Yuichiro, JP
[73] NEC CORPORATION, JP
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[30] JP (001881/1996) 1996-01-10

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[73] BETH ISRAEL HOSPITAL ASSOCIATION, US
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[11] **2,195,974**
[13] C

[51] **Int.Cl. 6C07D 243/24 6A61K 31/55**
[25] EN
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[72] Liverton, Nigel, US
[72] Selnick, Harold G., US
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[30] US (292,447) 1994-08-18

[11] **2,196,262**
[13] C

[51] **Int.Cl. 6D06F 37/04 6D06F 58/02**
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[72] Ando, Masaru, JP
[73] SHARP KABUSHIKI KAISHA, JP
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[11] **2,196,932**
[13] C

[51] **Int.Cl. 6C07H 15/203**
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[54] **METHODE POUR LA GLYCOSIDATION DE DERIVES DE LA COLCHICINE; PRODUITS AINSI OBTENUS**
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[73] INDENA S.P.A., IT
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[72] Aldrich, William N., US
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[72] Ferrari, Richard M., US
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[72] Regan, Brent, US
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[25] EN
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[72] INGRAM, Barry Thomas, GB
[72] VERMOTE, Christian Leo Marie, GB
[73] **THE PROCTER & GAMBLE COMPANY, US**
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[86] 1995-07-28 (PCT/US95/09585)
[87] (WO96/06149)
[30] EP (94306212.5) 1994-08-23

[11] 2,198,094
[13] C

[51] **Int.Cl. 6C11D 1/29 6C11D 3/386**
[25] EN
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[54] **COMPOSITIONS DETERGENTES RENFERMANT DES ENZYMES LIPOLYTIQUES**

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[72] INGRAM, Barry Thomas, GB
[72] VERMOTE, Christian Leo Marie, GB
[73] **THE PROCTER & GAMBLE COMPANY, US**
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[86] 1995-08-18 (PCT/US95/09584)
[87] (WO96/06148)
[30] EP (94306213.3) 1994-08-23

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[13] C

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[54] **DENTIFRICE COMPOSITIONS**
[54] **COMPOSITIONS POUR DENTIFRICES**

[72] RICE, David Earl, US
[73] **THE PROCTER & GAMBLE COMPANY, US**
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[87] (WO96/09809)
[30] US (312,353) 1994-09-26

[11] 2,199,398
[13] C

[51] **Int.Cl. 6A23K 1/16 6A23K 1/18**
[25] EN
[54] **COMPOSITION FOR THE TREATMENT OR PREVENTION OF AN ENERGY IMBALANCE IN RUMINANTS**
[54] **COMPOSITION DESTINEE AU TRAITEMENT OU A LA PREVENTION D'UN DESEQUILIBRE ENERGETIQUE CHEZ LES RUMINANTS**

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[72] McKEOWN, Neil A., CA
[73] **Don J. Pestell Limited, CA**
[85] 1997-03-06
[86] 1995-09-13 (PCT/CA95/00521)
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[30] GB (9418420.7) 1994-09-13

[11] 2,199,843
[13] C

[51] **Int.Cl. 6C12N 15/12 6C07K 16/18 6C12N 5/18 6C07K 14/47**
[25] EN
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[54] **PROTEINE SE FIXANT A UNE KINASE ET SES UTILISATIONS**

[72] LOCKERBIE, Robert Owen, US
[72] GALLATIN, W. Michael, US
[73] **ICOS CORPORATION, US**
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[86] 1996-07-17 (PCT/US96/11822)
[87] (WO97/10336)
[30] US (60/001,043) 1995-07-17

[11] 2,200,130
[13] C

[51] **Int.Cl. 6B01D 53/14**
[25] EN
[54] **METHOD FOR THE REMOVAL OF CARBON DIOXIDE PRESENT IN GASES AND ABSORBENT**
[54] **METHODE POUR ELIMINER LE DIOXYDE DE CARBONE PRESENT DANS DES GAZ; AGENT ABSORBANT**

[72] IJIMA, Masaki, JP
[72] SUZUKI, Hitomi, JP
[72] MIMURA, Tomio, JP
[72] MITSOUKA, Shigeaki, JP
[72] TANAKA, Hiroshi, JP
[72] IWAKI, Toru, JP
[73] **THE KANSAI ELECTRIC POWER CO., INC., JP**
[73] **mitsubishi heavy industries, LTD., JP**
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[30] JP (62635/1996) 1996-03-19

[11] 2,200,347
[13] C

[51] **Int.Cl. 6C12Q 1/68**
[25] EN
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[54] **DETECTION DE PRODUITS D'AMPLIFICATION HYDROPHOBES PAR EXTRACTION DANS LA PHASE ORGANIQUE**
[72] WALKER, G. Terrance, US
[73] **BECTON, DICKINSON AND COMPANY, US**
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[54] **REACTIF BACTERIEN BIOLUMINESCENT LYOPHILISE SERVANT A LA DETECTION D'AGENTS TOXIQUES**
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[72] VAN DYK, Tina Kangas, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[86] 1995-11-20 (PCT/US95/15224)
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[30] US (08/344,428) 1994-11-23

[11] **2,201,196**
[13] C

[51] **Int.Cl. 6B62D 15/02**
[25] EN
[54] **METHOD FOR DETERMINING STEERING POSITION OF AUTOMOTIVE STEERING MECHANISM**
[54] **METHODE POUR DETERMINER LA POSITION DE LA DIRECTION D'UN MECANISME DE DIRECTION AUTOMOBILE**
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[72] MADAU, Dinu Petre, US
[73] FORD MOTOR COMPANY OF CANADA LIMITED, CA
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[30] US (08/625,966) 1996-04-01

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[13] C

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[54] **UNIVERSAL CONTROL SYSTEM WITH ALARM HISTORY TRACKING FOR MOBILE MATERIAL DISTRIBUTION APPARATUS**
[54] **SYSTEME DE COMMANDE UNIVERSEL A SUIVID'ALARME POUR APPAREIL MOBILE DE DISTRIBUTION DE MATERIEL**
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[73] Dickey-john Corporation, US
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[30] US (08/697,311) 1996-08-22

[11] **2,202,327**
[13] C

[51] **Int.Cl. 6F16C 1/14**
[25] EN
[54] **MID-LENGTH ADJUSTMENT AND METHOD OF ASSEMBLY**
[54] **REGLAGE A MI-LONGUEUR ET METHODE D'ASSEMBLAGE**
[72] REASONER, Michael, US
[73] TELEFLEX INCORPORATED, US
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[30] US (08/723063) 1996-10-01

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[13] C

[51] **Int.Cl. 6F21V 21/04**
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[73] Cooper Industries Inc., US
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[30] US (08/646,101) 1996-05-07

[11] **2,202,909**
[13] C

[51] **Int.Cl. 6G06K 7/10**
[25] EN
[54] **AUTOMATIC ELECTRONIC CAMERA FOR LABEL IMAGE CAPTURE**
[54] **CAMERA ELECTRONIQUE AUTOMATIQUE DESTINEE A CAPTER UNE IMAGE D'ETIQUETTE**
[72] SUSSMEIER, John William, US
[72] ROTH, Stephen Anthony, US
[72] GARLAND, Lance Gordon, US
[72] KRUSE, Ross Napoleon, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 1997-04-16
[86] 1995-10-24 (PCT/US95/13765)
[87] (WO96/13798)
[30] US (08/328,660) 1994-10-25

[11] **2,203,077**
[13] C

[51] **Int.Cl. 6H01Q 5/00**
[25] EN
[54] **POLARIMETRIC DUAL BAND RADIATING ELEMENT FOR SYNTHETIC APERTURE RADAR**
[54] **ELEMENT RAYONNANT POLARIMETRIQUE A DEUX BANDES POUR RADAR A OUVERTURE SYNTHETIQUE**
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[73] EMS TECHNOLOGIES CANADA, LTD. EMS TECHNOLOGIES CANADA, LTÉE, CA
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[30] US (08/807,628) 1997-02-27

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[13] C

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[25] EN
[54] **BELT COATING MATERIAL FOR BELT TYPE CONTINUOUS CASTING AND BELT COATING METHOD**
[54] **MATERIAU DE REVETEMENT DE LA BANDE POUR LA COULEE EN CONTINU SUR BANDE ET METHODE DE REVETEMENT DE LA BANDE**
[72] NAKAJIMA, Hiroshi, JP
[72] HIRATA, Kouichi, JP
[72] FUJIOKA, Hironori, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[30] JP (101016/1996) 1996-04-23

[11] **2,203,545**
[13] C

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12Q 1/04**
[25] EN
[54] **AMPLIFICATION AND DETECTION OF MYCOBACTERIUM AVIUM COMPLEX SPECIES**
[54] **AMPLIFICATION ET DETECTION D'ESPECES DU COMPLEXE MYCOBACTERIUM AVIUM**
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[72] DEAN, Cheryl H., US
[72] SCHRAM, James L., US
[73] BECTON, DICKINSON AND COMPANY, US
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[86] 1996-07-30 (PCT/US96/12492)
[87] (WO97/08340)
[30] US (08/520,194) 1995-08-28

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[51] **Int.Cl. 6A61C 5/04 6A61C 5/06**
[25] EN
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[30] US (08/671/332) 1996-06-27
[30] US (08/637,834) 1996-04-25

[11] **2,206,737**
[13] C
[51] **Int.Cl. 6G06F 15/173**
[25] FR
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[72] ROCHAT, Bruno, FR
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[73] BULL S.A., FR
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[30] FR (97 03778) 1997-03-27

[11] **2,209,215**
[13] C
[51] **Int.Cl. 6H04L 12/26 6H04B 1/06 6H04B 1/69**
[25] EN
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[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1997-06-27
[30] US (08/675,010) 1996-07-03

[11] **2,204,569**
[13] C
[51] **Int.Cl. 6B27D 5/00**
[25] EN
[54] **PROCESS AND PLANT FOR THE CONTINUOUS ASSEMBLY AND GLUING OF VENEER PANELS TO FORM VENEER LAMINATES**
[54] **PROCEDE ET ENSEMBLE D'APPAREIL POUR L'ASSEMBLAGE CONTENU ET LE COLLAGE DE PANNEAUX VERNIS AFIN DE FORMER DES PRODUITS LAMINES**
[72] BIELFELDT, Friedrich B., DE
[72] MELZER, Gerhard, DE
[72] HOFFMANN, Werner, DE
[73] MASCHINENFABRIK J. DIEFFENBACHER GmbH & CO., DE
[22] 1997-05-06
[30] DE (1 96 27 024.3) 1996-07-04

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[13] C
[51] **Int.Cl. 6G08B 23/00 6G08B 25/00 6G08C 17/00**
[25] EN
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[54] **SYSTEME DE SURVEILLANCE D'UN UTILISATEUR**
[72] HEWETT, Thomas T., US
[72] CHUTE, Douglas L., US
[72] GLASCOCK, Anthony P., US
[72] KUTZIK, David M., US
[72] HORNUM, Barbara G., US
[73] BEHAVIORAL INFORMATICS, INC., US
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[86] 1995-12-21 (PCT/US95/16752)
[87] (WO96/20449)
[30] US (08/363,495) 1994-12-23

[11] **2,210,771**
[13] C
[51] **Int.Cl. 6A43C 15/02**
[25] EN
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[54] **CRAMPON POUR CHAUSSURE DE GOLF**
[72] McMULLIN, Faris W., US
[73] SoftSpikes, Inc., US
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[30] US (60/034,328) 1996-12-20
[30] US (08/823,901) 1997-03-25

[11] **2,205,645**
[13] C
[51] **Int.Cl. 6A43C 11/00**
[25] EN
[54] **CABLE FASTENER**
[54] **FIXATION DE CABLES**
[72] JAMES, Laurence H., US
[73] JAMES, Laurence H., US
[22] 1997-05-15

[11] **2,208,636**
[13] C
[51] **Int.Cl. 6F16K 17/06**
[25] EN
[54] **PRESSURE RELIEF VALVE**
[54] **SOUPAPE DE SURETE**
[72] HOLLIDAY, George Rice, US
[72] DANZY, Roger Dale, US
[73] Dresser Industries, US
[85] 1997-06-24
[86] 1996-05-16 (PCT/US96/07008)
[87] (WO97/16665)
[30] US (08/552,757) 1995-11-03

[11] **2,210,960**
[13] C
[51] **Int.Cl. 6B05B 11/06**
[25] EN
[54] **IMPROVED TWO-PHASE DISPENSING SYSTEMS UTILIZING BELLOWS PUMPS**
[54] **SYSTEMES PERFECTIONNES DE DISTRIBUTION A DEUX PHASES A L'AIDE DE POMPES A SOUFFLET**
[72] COLLIAS, Dimitris Ioannis, US
[72] LUND, Mark Thomas, US
[72] STAHLEY, Robert Edward, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-07-21
[86] 1995-07-20 (PCT/US95/09101)
[87] (WO96/04078)
[30] US (283,885) 1994-08-01

[11] **2,205,682**
[13] C
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[72] THORPE, Steven J., CA
[72] FAIRLIE, Matthew J., CA
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[51] **Int.Cl. 6B60N 2/44 6B60R 1/12 6B60N 2/26**
[25] EN
[54] **INFANT OBSERVATION MIRROR ATTACHABLE TO AN INFANT CAR SEAT**
[54] **RETROVISEUR D'OBSERVATION DE BEBE POUVANT ETRE FIXE A UN SIEGE D'AUTO POUR BEBE**
[72] SORENSON, Karen, CA
[71] SORENSON, Karen, CA
[22] 1999-05-12
[43] 2000-11-12

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[21] **2,271,539**
[13] A1
[51] **Int.Cl. 6H04L 29/10**
[25] EN
[54] **INTERFACE BETWEEN A LINK LAYER DEVICE AND ONE OR MORE PHYSICAL LAYER DEVICES**
[54] **INTERFACE ENTRE UN DISPOSITIF DE LA COUCHE DE LIAISON ET UN OU DES DISPOSITIFS DE LA COUCHE PHYSIQUE**
[72] KARR, Travis James, CA
[72] CHALIFOUX, Martin, CA
[71] PMC-SIERRA, INC., CA
[22] 1999-05-12
[43] 2000-11-12

[21] **2,271,563**
[13] A1
[51] **Int.Cl. 6G05B 11/01 6G05D 15/01 6G05B 15/02 6G05B 19/18 6G05B 19/402 6G05B 19/404 6G05F 1/66**
[25] EN
[54] **COMPUTER/NUMERICALLY CONTROLLED MACHINES**
[54] **MACHINES A COMMANDE PAR ORDINATEUR/COMMANDE NUMERIQUE**
[72] YEAP, Tet Hin, CA
[72] LIANG, Ming, CA
[71] YEAP, Tet Hin, CA
[71] LIANG, Ming, CA
[22] 1999-05-13
[43] 2000-11-13

[21] **2,271,578**
[13] A1
[51] **Int.Cl. 6B60Q 1/44**
[25] EN
[54] **FRONT MOUNTED BRAKE WARNING/INDICATOR LIGHT**
[54] **VOYANT D'AVERTISSEMENT/ D'INDICATION DE FREINAGE MONTE A L'AVANT**
[72] SWIST, Jason, CA
[71] SWIST, Jason, CA
[22] 1999-05-13
[43] 2000-11-13

[21] **2,271,580**
[13] A1
[51] **Int.Cl. 6E02B 3/06**
[25] EN
[54] **THE RYAN WAVE REVERSING BREAK WALL**
[54] **LE « RYAN WAVE REVERSING BREAK WALL »**
[72] RYAN, D. M. Patric, CA
[72] RYAN, Sophie M. E., CA
[71] RYAN, D. M. Patric, CA
[71] RYAN, Sophie M. E., CA
[22] 1999-05-14
[43] 2000-11-14

[21] **2,271,581**
[13] A1
[51] **Int.Cl. 6A47G 19/22 6A47G 23/04 6B65D 81/38**
[25] EN
[54] **LOW-TEMPERATURE KEEPING SUBSTANCE STUFFED IN A COOL MUG**
[54] **SUBSTANCE CONSERVANT LE FROID POUR DISPOSITIF DE CONSERVATION AU FRAIS D'UN GOBELET**
[72] TSAI, Yao-Ming, TW
[71] TSAI, Yao-Ming, TW
[22] 1999-05-12
[43] 2000-11-12

[21] **2,271,584**
[13] A1
[51] **Int.Cl. 6B24B 19/00**
[25] EN
[54] **MULTI TASK GRINDING WHEEL MACHINE**
[54] **MEULE A DOUBLE FONCTION**
[72] FABRIS, Mario, CA
[71] FABRIS, Mario, CA
[22] 1999-05-12
[43] 2000-11-12

[21] **2,271,585**
[13] A1
[51] **Int.Cl. 6E02F 3/815 6E02F 3/60**
[25] EN
[54] **FLUID HEATED EXCAVATOR BLADE**
[54] **LAME D'EXCAVATRICE CHAUFFEE PAR LIQUIDE**
[72] LEIPPI, Douglas, CA
[72] YACKEL, Terry, CA
[71] LEIPPI, Douglas, CA
[71] YACKEL, Terry, CA
[22] 1999-05-13
[43] 2000-11-13

[21] **2,271,591**
[13] A1
[51] **Int.Cl. 6B65B 13/22 6B65B 65/02**
[25] EN
[54] **STRAPPING MACHINE HAVING PRIMARY AND SECONDARY TENSIONING UNITS AND A CONTROL SYSTEM THEREFOR**
[54] **CERCLEUSE COMPRENANT DES TENDEURS PRIMAIRES ET SECONDAIRES ET SYSTEME DE CONTROLE CONNEXE**
[72] HYLTON, Gary L., US
[72] DIERICK, Bryan R., US
[72] CHAK, Yee C., US
[71] OVALSTRAPPING INC., US
[22] 1999-05-13
[43] 2000-11-13

[21] **2,271,597**
[13] A1
[51] **Int.Cl. 6A47K 7/02**
[25] EN
[54] **METHOD FOR MAKING A FRUIT SHAPED BATH SCRUBBER**
[54] **METHODE DE FABRICATION D'UN RECREUR DE BAIN EN FORME DE FRUIT**
[72] CHANG, Che-Yuan, TW
[71] CHANG, Che-Yuan, TW
[22] 1999-05-13
[43] 2000-11-13

[21] **2,271,620**
[13] A1
[51] **Int.Cl. 6E21B 37/00 6E21B 31/06**
[25] EN
[54] **DOWNHOLE MAGNETIC DEBRIS COLLECTOR**
[54] **COLLECTEUR MAGNETIQUE DE DEBRIS POUR FOND DE TROU**
[72] McNALLY, Brent, CA
[71] BAKER HUGHES (CANADA) LTD., CA
[22] 1999-05-14
[43] 2000-11-14

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[21] **2,271,656**
[13] A1

[51] **Int.Cl. 6G01N 15/08**
[25] EN
[54] **DETERMINING PERMEABILITY OF HC-BEARING FORMATIONS USING FLUORESCENCE**
[54] **DETERMINATION DE LA PERMEABILITE DE FORMATIONS CONTENANT DES HC A L'AIDE DE LA FLUORESCENCE**
[72] ZAMFES, Kosta, CA
[71] ZAMFES, Kosta, CA
[22] 1999-05-14
[43] 2000-11-14

[21] **2,271,887**
[13] A1

[51] **Int.Cl. 6B43K 29/093**
[25] EN
[54] **ELECTRONIC CALCULATOR PEN**
[54] **STYLO-CALCULATRICE ELECTRONIQUE**
[72] WANG, Den-Fuw, TW
[71] WANG, Den-Fuw, TW
[22] 1999-05-14
[43] 2000-11-14

[21] **2,271,965**
[13] A1

[51] **Int.Cl. 6C07J 63/00**
[25] EN
[54] **METHOD OF PRODUCING BETULINIC ACID**
[54] **METHODE DE PRODUCTION D'ACIDE BETULINIQUE**
[72] GALGON, Tino, DE
[72] NEUBERT, Reinhard, DE
[72] WOHLRAB, Wolfgang, DE
[71] DRAEGER, Birgit, DE
[22] 1999-05-14
[43] 2000-11-14

[21] **2,271,973**
[13] A1

[51] **Int.Cl. 6B65B 47/00 6B29D 9/00 6B65B 3/02 6B29C 49/04 6B32B 27/06 6B29C 47/06 6B65D 65/40 6B65D 85/72**
[25] EN
[54] **HIGH-SPEED POUCH FORMING, SEALING AND FILLING MACHINE, METHOD OF OPERATION, AND MULTI-LAYER FILM THEREFORE**
[54] **MACHINE A HAUT RENDEMENT POUR FORMER DES POCHETTES, LES SCELLER ET LES REMPLIR, MODE DE FONCTIONNEMENT ET FILM MULTICOUCHE POUR CETTE MACHINE**
[72] QUINTIN, Yves, CA
[72] PITRE, André, CA
[72] BASQUE, Roland, CA
[71] GLOPAK INC., CA
[22] 1999-05-14
[43] 2000-11-14

[21] **2,271,974**
[13] A1

[51] **Int.Cl. 6C07J 73/00**
[25] EN
[54] **2, 2-DIBROMO-AZASTEROIDS AND THEIR USE IN A METHOD FOR INTRODUCING A 1, 2-DOUBLE BOND INTO AZASTEROIDS**
[54] **2,2-DIBROMOAZASTEROIDES ET LEUR UTILISATION DANS UNE METHODE POUR INTRODUIRE UNE DOUBLE LIAISON EN POSITION 1,2 DANS DES AZASTEROIDES**
[72] SLEMON, Clarke, CA
[72] MACEL, Bob, CA
[71] TORCAN CHEMICAL LTD., CA
[22] 1999-05-14
[43] 2000-11-14

[21] **2,272,006**
[13] A1

[51] **Int.Cl. 6E04H 1/12 6E04B 1/00**
[25] EN
[54] **PORTABLE BUILDINGS**
[54] **BATIMENTS TRANSPORTABLES**
[72] CICUTO, Peter, CA
[72] CANNONE, Vito, CA
[71] CICUTO, Peter, CA
[71] CANNONE, Vito, CA
[22] 1999-05-12
[43] 2000-11-12

[21] **2,272,011**
[13] A1

[51] **Int.Cl. 6B27C 7/00**
[25] EN
[54] **LOG TURNING MACHINE GUIDES**
[54] **GUIDES DE TOURNE-BILLES**
[72] NEVILLE, Richard L., US
[71] NEVILOG, INC., US
[22] 1999-05-17
[43] 2000-11-12
[30] US (P-100,567) 1999-05-12
[30] US (09/310,379) 1999-05-12

[21] **2,272,013**
[13] A1

[51] **Int.Cl. 6B27C 7/00**
[25] EN
[54] **LATHE CUTTER AND CHIP FAN**
[54] **TOUR ET SOUFFLE-COPEAUX**
[72] NEVILLE, Richard L., US
[71] NEVILLE, Richard L., US
[22] 1999-05-17
[43] 2000-11-12
[30] US (P-100,556) 1999-05-12
[30] US (09/310,380) 1999-05-12

[21] **2,272,020**
[13] A1

[51] **Int.Cl. 6H04Q 7/24**
[25] EN
[54] **METHOD AND APPARATUS TO ENABLE ENHANCED SERVICES OF AN INTELLIGENT TELEPHONE NETWORK IN A WIRELESS ENVIRONMENT**
[54] **METHODE ET APPAREIL POUR VALIDER DES SERVICES ACCRUS D'UN RESEAU TELEPHONIQUE INTELLIGENT DANS UN ENVIRONNEMENT SANS FIL**
[72] ISKANDAR, Ossama L., CA
[72] HUME, Ronald A., CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
[22] 1999-05-17
[43] 2000-11-17

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[21] **2,272,025**
[13] A1

[51] **Int.Cl. 6A61G 5/10**
[25] EN
[54] **WHEEL CHAIR WITH INDEPENDENT SUSPENSION**
[54] **FAUTEUIL ROULANT MUNI D'UNE SUSPENSION INDEPENDANTE**
[72] HUDSON, John R., US
[72] GILL, Robert, US
[71] CARIBBEAN BILLING INTERNATIONAL, LTD., BS
[22] 1999-05-17
[43] 2000-11-17

[21] **2,272,026**
[13] A1

[51] **Int.Cl. 6A61H 7/00 6A61H 15/00**
[25] FR
[54] **APPAREIL DE MASSAGE PERFECTIONNE**
[54] **PERFECTED MASSAGE DEVICE**
[72] FRAJDENRAJCH, Jean, FR
[71] MEDIC SYSTEMS, FR
[22] 1999-05-12
[43] 2000-11-12

[21] **2,272,029**
[13] A1

[51] **Int.Cl. 6B01D 39/16 6B09B 1/00**
[25] FR
[54] **FILTRE UTILISE DANS UN SYSTEME DE DRAINAGE POUR REDUIRE LE COLMATAGE BIOLOGIQUE ET METHODE UTILISANT UN TEL FILTRE**
[54] **DRAINAGE SYSTEM FILTER THAT REDUCES BIOLOGICAL CLOGGING AND METHOD OF USING SAME**
[72] SCHEUBEL, Gérard, CA
[72] DESPAUX, Valérie, CA
[71] TEXEL INC., CA
[22] 1999-05-13
[43] 2000-11-13

[21] **2,272,035**
[13] A1

[51] **Int.Cl. 6C10G 1/02**
[25] EN
[54] **PROCESS FOR RECOVERY OF HYDROCARBON DILUENT FROM TAILINGS**
[54] **PROCEDE DE RECUPERATION DE DILUANTS D'HYDROCARBURES DANS DES PRODUITS DE QUEUE**
[72] BROWN, Wayne, CA
[72] BARA, Barry, CA
[72] SARKAR, Sam, ZZ
[72] DENTON, Rodney, US
[71] PETRO-CANADA, CA
[71] MURPHY OIL COMPANY LTD., CA
[71] MOCAL ENERGY LIMITED, JP
[71] IMPERIAL OIL RESOURCES, CA
[71] GULF CANADA RESOURCES LIMITED, CA
[71] AEC OIL SANDS LIMITED PARTNERSHIP, CA
[71] CANADIAN OIL SANDS INVESTMENTS INC., CA
[71] ATHABASCA OIL SANDS INVESTMENTS INC., CA
[71] AEC OIL SANDS, L.P., CA
[71] CANADIAN OCCIDENTAL PETROLEUM LTD., CA
[22] 1999-05-14
[43] 2000-11-14

[21] **2,272,040**
[13] A1

[51] **Int.Cl. 6H04N 7/18 6A61B 19/00**
[25] FR
[54] **SYSTEME DE CAMERA D'OBSERVATION ROBOTISEE POUR UTILISATION EN SALLE D'OPERATION**
[54] **ROBOTIC OBSERVATION CAMERA FOR USE IN AN OPERATING ROOM**
[72] DUBÉ, Luc, ZZ
[72] LÉVESQUE, Glen, ZZ
[72] MATHIEU, Pierre A., ZZ
[72] HURTEAU, Richard, ZZ
[71] ECOLE POLYTECHNIQUE, CA
[71] UNIVERSITÉ DE MONTRÉAL, CA
[71] CENTRE HOSPITALIER DE L'UNIVERSITÉ DE MONTRÉAL, CA
[22] 1999-05-13
[43] 2000-11-13

[21] **2,272,045**
[13] A1

[51] **Int.Cl. 6C10G 1/02**
[25] EN
[54] **METHOD FOR RECOVERY OF HYDROCARBON DILUENT FROM TAILINGS**
[54] **METHODE DE RECUPERATION DE DILUANTS D'HYDROCARBURES DANS DES PRODUITS DE QUEUE**
[72] BROWN, Wayne, CA
[72] PORTWOOD, Michelle, CA
[72] KING, Fran, CA
[72] BARA, Barry, CA
[72] WAGNER, Michael, CA
[71] BROWN, Wayne, CA
[71] PORTWOOD, Michelle, CA
[71] KING, Fran, CA
[71] BARA, Barry, CA
[71] WAGNER, Michael, CA
[22] 1999-05-13
[43] 2000-11-13

[21] **2,272,116**
[13] A1

[51] **Int.Cl. 6G05B 9/02**
[25] EN
[54] **CARBON MONOXIDE DETECTOR ACTUATOR FOR A GARAGE DOOR OPENER**
[54] **OUVRE-PORTE DE GARAGE ACTIONNEE PAR LE DETECTEUR DE MONOXIDE DE CARBONE**
[72] MURPHY, Craig T., CA
[71] MURPHY, Craig T., CA
[22] 1999-05-17
[43] 2000-11-17

[21] **2,272,120**
[13] A1

[51] **Int.Cl. 6G04B 49/02**
[25] EN
[54] **FIXED-GNOMON STANDARD-TIME SUNDIAL**
[54] **CADRAN SOLAIRE A GNOMON FIXE POUR HEURE STANDARD**
[72] MALTBY, Roy M., CA
[71] MALTBY, Roy M., CA
[22] 1999-05-18
[43] 2000-11-18

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[21] **2,272,124**
[13] A1

[51] **Int.Cl. 6H02K 1/06**
[25] FR
[54] **MACHINE ELECTRIQUE**
[54] **ELECTRICAL MACHINE**
[72] FRANGIE, Nabil H., CA
[71] FRANGIE, Nabil H., CA
[22] 1999-05-14
[43] 2000-11-14

[21] **2,272,127**
[13] A1

[51] **Int.Cl. 6E01C 7/08 6E01C 7/36**
[25] FR
[54] **STABISOL**
[54] **STABISOL**
[72] ROULEAU, Robert, CA
[71] ROULEAU, Robert, CA
[22] 1999-05-14
[43] 2000-11-14

[21] **2,272,142**
[13]

[51] **Int.Cl. 6E21B 29/00 6E21B 31/00**
[25] EN
[54] **DOWNHOLE MILLING TOOL**
[54] **FRAISE DE FOND DE TROU**
[72] GALLUP, James Michael, CA
[71] GALLUP, James Michael, CA
[22] 1999-05-18
[43] 2000-11-18

[21] **2,272,149**
[13]

[51] **Int.Cl. 6A47D 13/04**
[25] EN
[54] **SAFETY WALKER FOR A BABY**
[54] **MARCHETTE DE SECURITE**
POUR BEBE
[72] BROWN, Norma, US
[71] BROWN, Norma, US
[22] 1999-05-18
[43] 2000-11-18

[21] **2,272,150**
[13] A1

[51] **Int.Cl. 6A43B 7/00 6A61M 35/00**
6A61B 5/103
[25] EN
[54] **SENSOR SHOE**
[54] **CHAUSSURE A CAPTEURS**
[72] BROWN, Norma, US
[71] BROWN, Norma, US
[22] 1999-05-17
[43] 2000-11-17

[21] **2,272,158**
[13] A1

[51] **Int.Cl. 6B60R 1/08 6G02B 5/08**
6G02B 7/182
[25] EN
[54] **REAR VIEW MIRROR**
[54] **RETROVISEUR**
[72] WINDOVER, Jeffrey Mervin, CA
[71] WINDOVER, Jeffrey Mervin, CA
[22] 1999-05-17
[43] 2000-11-17

[21] **2,272,159**
[13]

[51] **Int.Cl. 6B65H 35/06 6F16G 3/00**
6B26D 1/10 6B26D 5/24 6B26D 3/28
[25] EN
[54] **BELT SPLITTING MACHINE**
[54] **COUPE-COURROIES**
[72] WILLIS, Adrian J., US
[72] WILLIS, John A., US
[72] HAYES, William J., Jr., US
[72] STONER, George Herman III, US
[71] BELT EQUIPMENT, INC., US
[22] 1999-05-18
[43] 2000-11-18

[21] **2,272,161**
[13] A1

[51] **Int.Cl. 6A47G 9/00**
[25] EN
[54] **THERAPEUTIC BETWEEN-THE-LEGS SUPPORT PILLOW ASSEMBLY**
[54] **ENSEMBLE D'OREILLERS DE SOUTIEN THERAPEUTIQUE A PLACER ENTRE LES JAMBES**
[72] BUCHANAN, Richard Lawrence, CA
[72] BERDUSCO, Luigi Anthony Daniel, CA
[71] BUCHANAN, Richard Lawrence, CA
[71] BERDUSCO, Luigi Anthony Daniel, CA
[22] 1999-05-17
[43] 2000-11-17

[21] **2,272,162**
[13] A1

[51] **Int.Cl. 6B65D 83/04 6A61J 1/03**
[25] EN
[54] **PILL DISPENSING APPARATUS**
[54] **APPAREIL DISTRIBUTEUR DE PILULES**
[72] PEERY, Gregory Mark, US
[72] PEERY, Van Collin, US
[71] PEERY, Gregory Mark, US
[71] PEERY, Van Collin, US
[22] 1999-05-18
[43] 2000-11-17
[30] US (09/312,983) 1999-05-17

[21] **2,272,163**
[13]

[51] **Int.Cl. 6A61B 17/84**
[25] EN
[54] **TARGETING APPARATUS FOR A LOCKING NAIL**
[54] **POSITIONNEUR DE GRIFFE DE BLOCAGE**
[72] SIMON, Bernd, DE
[71] HOWMEDICA GMBH, DE
[22] 1999-05-18
[43] 2000-11-18

[21] **2,272,164**
[13]

[51] **Int.Cl. 6G06F 17/60 6G06F 17/30**
6G06F 17/40
[25] EN
[54] **INTERACTIVE CONSUMER CARD INCENTIVE PROGRAM**
[54] **PROGRAMME D'INCITATIFS POUR CARTES DE CONSOMMATEUR INTERACTIVES**
[72] BEAUCHAMP, Kimberly A., US
[71] BEAUCHAMP, Kimberly A., US
[22] 1999-05-18
[43] 2000-11-18
[30] US (09/128,300) 1999-08-03

[21] **2,272,168**
[13] A1

[51] **Int.Cl. 6F16G 13/00**
[25] EN
[54] **REINFORCED CHAIN LINK ELEMENT**
[54] **MAILLON DE CHAINE RENFORCE**
[72] PEDNEAULT, Jacques, CA
[71] SOUDURES ET CHAINES PEDNO INC., CA
[22] 1999-05-17
[43] 2000-11-17

[21] **2,272,169**
[13] A1

[51] **Int.Cl. 6F41G 3/00**
[25] EN
[54] **FIREARM SIGHT RECTIFIER**
[54] **CORRECTEUR DE DISPOSITIF DE VISEE D'ARME A FEU**
[72] DE LA RONDE, MARC-ANDRÉ, CA
[71] DE LA RONDE, MARC-ANDRÉ, CA
[22] 1999-05-17
[43] 2000-11-17

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[21] **2,272,172**
[13]

[51] **Int.Cl. 6A01G 31/00 6A01K 63/04**
[25] EN
[54] **BOTTOM SOILS AND FILTERING MEDIA FOR REARING FRESH-WATER FISH OR HYDROPONICALLY CULTIVATING PLANTS AND WATER TANKS USING SUCH BOTTOM SOILS AND FILTERING MEDIA**
[54] **SOLS DE FOND ET MILIEUX FILTRANTS POUR PISCICULTURE EN EAU FRAICHE OU CULTURE HYDROPONIQUE DE PLANTES, ET AQUARIUMS ET RESERVOIRS D'EAU DESTINES A CES SOLS DE FOND ET MILIEUX FILTRANTS**
[72] HIROSE, Mitsuru, JP
[71] HIROSE CO. LTD., JP
[22] 1999-05-18
[43] 2000-11-18

[21] **2,272,179**
[13]

[51] **Int.Cl. 6H04R 1/08 6H04R 1/10**
[25] EN
[54] **EARPHONE-MICROPHONE SYSTEM HAVING DOUBLE EAR BRACES**
[54] **ENSEMBLE MICRO-CASQUE A SUPPORTS AURICULAIRES DOUBLES**
[72] YANG, Bill, CN
[71] COTRON CORPORATION, TW
[22] 1999-05-18
[43] 2000-11-18

[21] **2,272,200**
[13] A1

[51] **Int.Cl. 6H01H 71/00**
[25] EN
[54] **MODULAR, HIGH-VOLTAGE, THREE PHASE RECLOSER ASSEMBLY**
[54] **ENSEMBLE DE REENCLENCEMENT MODULAIRE, HAUTE TENSION, TRIPHASE**
[72] MATHER, Brian D., US
[72] STEELE, Edward A., US
[71] JOSYLN HIGH-VOLTAGE CORPORATION, US
[22] 1999-05-19
[43] 2000-11-17
[30] US (09/313,012) 1999-05-17

[21] **2,272,212**
[13]

[51] **Int.Cl. 6B30B 1/00**
[25] EN
[54] **MULTI PURPOSE PRESS**
[54] **PRESSE POLYVALENTE**
[72] KOECHER, Wolfgang, CA
[71] KOECHER, Wolfgang, CA
[22] 1999-05-18
[43] 2000-11-18

[21] **2,272,214**
[13]

[51] **Int.Cl. 6B23Q 3/00**
[25] EN
[54] **ALIGNMENT JIG**
[54] **SUPPORT D'ALIGNEMENT**
[72] KOECHER, Wolfgang, CA
[71] KOECHER, Wolfgang, CA
[22] 1999-05-18
[43] 2000-11-18

[21] **2,272,217**
[13]

[51] **Int.Cl. 6H05K 9/00 6A47C 27/00 6A41D 31/00 6A47C 7/02 6H04Q 7/32**
[25] EN
[54] **CUSHION CONTAINING BLACK MUSTARD SEEDS**
[54] **SUPPORT MATELASSE CONTENANT DES GRAINES DE MOUTARDE NOIRE**
[72] LAPOINTE, Daniel, CA
[72] LAPOINTE, Praxède, CA
[71] LAPOINTE, Daniel, CA
[71] LAPOINTE, Praxède, CA
[22] 1999-05-18
[43] 2000-11-18

[21] **2,272,225**
[13]

[51] **Int.Cl. 6C07C 53/08 6C07C 53/00 6C07C 7/13 6C07C 15/46 6C07C 51/47**
[25] EN
[54] **METHOD FOR TREATING AN ORGANIC LIQUID CONTAMINATED WITH AN IODIDE COMPOUND**
[54] **METHODE DE TRAITEMENT D'UN LIQUIDE ORGANIQUE CONTAMINE PAR UN IODURE**
[72] WILLIS, Richard R., US
[72] SHERMAN, John D., US
[72] SPEHLMANN, Benjamin C., US
[72] KULPRATHIPANJA, Santi, US
[72] LEET, William A., US
[71] UOP LLC, US
[22] 1999-05-18
[43] 2000-11-18

[21] **2,272,238**
[13] A1

[51] **Int.Cl. 6B60R 25/08**
[25] EN
[54] **VEHICLE ANTI-THEFT DEVICE**
[54] **DISPOSITIF ANTIVOL POUR VEHICULES**
[72] CORDARA, Irnando Pedro, CA
[71] BRINTON, Steven James, CA
[22] 1999-05-14
[43] 2000-11-14

[21] **2,272,659**
[13] A1

[51] **Int.Cl. 6G09F 23/00**
[25] FR
[54] **PUBLI-BILLARD**
[54] **PUBLI-POOL**
[72] inconnu, ZZ
[71] PUBLI-POOL ENG., CA
[22] 1999-05-12
[43] 2000-11-12

[21] **2,273,375**
[13] A1

[51] **Int.Cl. 6A63H 3/36 6A63H 3/00**
[25] EN
[54] **EARTH ANGEL WINGS**
[54] **AILES POUR POUPEES EARTH ANGELS**
[72] HINDS, Minna, CA
[71] HINDS, Minna, CA
[22] 1999-05-14
[43] 2000-11-14

[21] **2,274,348**
[13]

[51] **Int.Cl. 6B60P 7/06 6B65D 63/10**
[25] EN
[54] **HOLD DOWN STRAP WITH TIE-OFF LOOP**
[54] **SANGLE DE RETENUE A BOUCLE DE FIXATION**
[72] VALLANCE, Richard, CA
[71] VALLANCE, Richard, CA
[22] 1999-06-11
[43] 2000-11-18
[30] US (09/313367) 1999-05-18

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[21] **2,276,396**
[13] A1

[51] **Int.Cl. 6F16K 1/226 6F16K 1/46**
[25] EN
[54] **APPARATUS AND PROCESS FOR REPAIR OF LARGE BUTTERFLY VALVES**
[54] **DISPOSITIF ET PROCEDE DE REPARATION DES GROS ROBINETS A PAPILLON**
[72] LYNCH, C. THOMAS, US
[71] SITE CONSTRUCTORS, INC., US
[22] 1999-06-25
[43] 2000-11-18
[30] US (09/313,960) 1999-05-18

[21] **2,277,763**
[13] A1

[51] **Int.Cl. 6A01C 5/06 6A01C 7/08**
[25] EN
[54] **SEED BOOT AND SEED POSITIONER**
[54] **GAINÉ A SEMENCE ET POSITIONNEUR DE SEMENCE**
[72] ANDERSON, KEVIN M., US
[71] ANDERSON, KEVIN M., US
[22] 1999-07-20
[43] 2000-11-14
[30] US (09/313,551) 1999-05-14

[21] **2,278,954**
[13] A1

[51] **Int.Cl. 6B25G 3/02 6E01H 5/02**
[25] EN
[54] **HANDLE ASSEMBLY FOR MANUAL TOOL**
[54] **POIGNEE POUR OUTIL MANUEL**
[72] AQUILINA, PAUL, CA
[71] EURO UNITED CORPORATION, CA
[22] 1999-07-23
[43] 2000-11-17
[30] US (09/313,869) 1999-05-17

[21] **2,279,753**
[13] A1

[51] **Int.Cl. 6E01B 7/00**
[25] EN
[54] **ROLLER DEVICE FOR DISPLACEMENT OF RAILROAD SWITCHING RAILS**
[54] **DISPOSITIF A ROULEAUX POUR LE DEPLACEMENT DE VOIES AIGUILLEES DE CHEMIN DE FER**
[72] MANTOVAN, GILSON ETORE, BR
[72] FEHLBERG, JOSÉ ROBERTO, BR
[72] LOPES FERREIRA, REYNALDO, BR
[72] TORRES PIRES, ISNAD, BR
[71] COMPANHIA VALE DO RIO DOCE, BR
[22] 1999-08-06
[43] 2000-11-14
[30] BR (MU 7900846-1) 1999-05-14

[21] **2,280,361**
[13] A1

[51] **Int.Cl. 6B08B 9/087 6A01K 63/00**
[25] EN
[54] **AQUARIUM WALL CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DES PAROIS D'AQUARIUM**
[72] ROFEN, ROBERT R., US
[71] NOVALEK, INC., US
[22] 1999-08-17
[43] 2000-11-17
[30] US (09/313,323) 1999-05-17

[21] **2,282,212**
[13] A1

[51] **Int.Cl. 6A63F 7/24 6A63B 67/00 6A63D 3/00**
[25] EN
[54] **CARBLES**
[54] **JEU DE CARTES DE CONSTRUCTION ET DE DEMOLITION**
[72] WILLIAMS, STEVEN, CA
[71] WILLIAMS, STEVEN, CA
[22] 1999-08-23
[43] 2000-11-13

[21] **2,285,516**
[13] A1

[51] **Int.Cl. 6C07F 13/00 6A61K 51/00 6C07D 451/02**
[25] EN
[54] **DOPAMINE TRANSPORTER IMAGING AGENTS**
[54] **AGENTS D'IMAGERIE POUR TRANSPORTEUR DE DOPAMINE**
[72] BLUNDELL, PAUL, US
[72] JONES, ALUN G., US
[72] MELTZER, PETER C., US
[72] FISCHMAN, ALAN J., US
[72] MADRAS, BERTHA K., US
[72] MAHMOOD, ASHFAQ, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[71] ORGANIX, INC., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[22] 1999-10-01
[43] 2000-11-12
[30] US (60/133,761) 1999-05-12

[21] **2,285,815**
[13] A1

[51] **Int.Cl. 6F41G 1/54 6G01M 11/00**
[25] EN
[54] **FIREARM SIGHT RECTIFIER**
[54] **CORRECTEUR DE DISPOSITIF DE VISEE D'ARME A FEU**
[72] DE LA RONDE, MARC-ANDRÉ, CA
[71] DE LA RONDE PUBLISHING INC., CA
[22] 1999-10-13
[43] 2000-11-17
[30] CA (2,272,169) 1999-05-17

[21] **2,286,871**
[13] A1

[51] **Int.Cl. 6H04M 3/54 6H04Q 7/24**
[25] EN
[54] **METHOD FOR AUTOMATICALLY FORWARDING CALLS PLACED TO CELLULAR TELEPHONE TO ANOTHER TELEPHONE NUMBER**
[54] **METHODE DE RENVOI AUTOMATIQUE D'APPELS DESTINES A UN TELEPHONE CELLULAIRE VERS UN AUTRE NUMERO DE TELEPHONE**
[72] MURPHY, PAUL A., HK
[71] VTECH COMMUNICATIONS, LTD., HK
[22] 1999-10-15
[43] 2000-11-18
[30] GB (9911580.0) 1999-05-18

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[21] **2,287,008**
[13]
[51] **Int.Cl. 6H04M 1/21 6G06K 11/18 6H04Q 7/32**
[25] EN
[54] **PORTABLE TELEPHONE HANDSET CONSTRUCTION WITH INTEGRATED HANDWRITING INPUT SURFACE**
[54] **COMBINE PORTATIF A TABLETTE TACTILE INTEGREE**
[72] MURPHY, PAUL A., HK
[71] VTECH COMMUNICATIONS, LTD., HK
[22] 1999-10-20
[43] 2000-11-18
[30] GB (9911578.4) 1999-05-18

[21] **2,288,400**
[13]
[51] **Int.Cl. 6A61H 3/02**
[25] EN
[54] **SLEVE LINE ANATOMICAL ORTHOPAEDIC CRUTCH**
[54] **BEQUILLE ORTHOPEDIQUE ANATOMIQUE « STEVE LINE »**
[72] SUTTON, STEPHEN GEORGE, GB
[71] SUTTON, STEPHEN GEORGE, GB
[22] 1999-10-27
[43] 2000-11-18
[30] GB (2083502) 1999-05-18

[21] **2,288,455**
[13] A1
[51] **Int.Cl. 7A61M 15/08**
[25] EN
[54] **A PORTABLE SNIVEL INHALER**
[54] **INHALATEUR PORTATIF A RENIFLEUR**
[72] SUH, JEONG-JOO, KR
[71] G-INTEK CO., LTD., KR
[22] 1999-11-04
[43] 2000-11-12
[30] KR (99-16980) 1999-05-12
[30] KR (99-37191) 1999-09-02

[21] **2,289,154**
[13]
[51] **Int.Cl. 7H04M 1/23 7H04Q 7/32 7H04M 1/725**
[25] EN
[54] **PORTABLE TELEPHONE HANDSET CONSTRUCTION WITH RETRACTABLE KEYPAD COVER**
[54] **COMBINE PORTATIF A COUVRE-CLAVIER RABATTABLE**
[72] MURPHY, PAUL A., HK
[71] VTECH COMMUNICATIONS, LTD., HK
[22] 1999-11-05
[43] 2000-11-18
[30] GB (9911579.2) 1999-05-18

[21] **2,291,395**
[13] A1
[51] **Int.Cl. 7A63B 71/14 7A41D 19/015**
[25] EN
[54] **BASEBALL GLOVE**
[54] **GANT DE BASE-BALL**
[72] MOTOOKA, KEN, JP
[72] KUME, KAZUHIRO, JP
[71] MIZUNO CORPORATION, JP
[22] 1999-12-02
[43] 2000-11-13
[30] JP (PCT/JP99/02482) 1999-05-13
[30] JP (11-273035) 1999-09-27

[21] **2,291,541**
[13]
[51] **Int.Cl. 7C09D 177/04 7C09D 175/04**
[25] EN
[54] **COATING SYSTEM AND METHOD OF APPLYING THE SAME**
[54] **SYSTEME DE REVETEMENT ET METHODE POUR L'APPLIQUER**
[72] FERNANDO, RAYMOND H., US
[72] PIDUGU, VIJAYA K., US
[72] CALDWELL, KENNETH G., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 1999-12-03
[43] 2000-11-18
[30] US (09/313,627) 1999-05-18

[21] **2,292,440**
[13]
[51] **Int.Cl. 7B60R 1/06 7H05B 3/84**
[25] EN
[54] **HEATABLE REAR VIEW MIRROR**
[54] **MIROIR CHAUFFANT**
[72] LANG, HEINRICH, DE
[72] SEIBOTH, WOLFGANG, DE
[71] LANG-MEKRA NORTH AMERICA, LLC, US
[22] 1999-12-16
[43] 2000-11-18
[30] DE (199 22 778.0) 1999-05-18

[21] **2,292,873**
[13] A1
[51] **Int.Cl. 7A01G 23/14**
[25] FR
[54] **ADAPTATEUR FILETE POUR CHALUMEAU AMOVIBLE ET METHODE D'UTILISATION**
[54] **THREADED ADAPTOR FOR A REMOVABLE TORCH AND METHOD OF USING SAME**
[72] FORTIER, BERNARD, CA
[71] FORTIER, BERNARD, CA
[22] 1999-12-20
[43] 2000-11-13

[21] **2,297,865**
[13] A1
[51] **Int.Cl. 7A01C 7/20 7A01C 5/06**
[25] EN
[54] **TWO PIECE SEED BOOT FOR A SEEDING MACHINE**
[54] **PIED D'ENSEMENCEMENT BICOQUE POUR SEMOIR**
[72] WODRICH, TIMOTHY DIRK, US
[71] DEERE & COMPANY, US
[22] 2000-02-02
[43] 2000-11-12
[30] US (09/310,541) 1999-05-12

[21] **2,298,407**
[13] A1
[51] **Int.Cl. 7G06F 3/03**
[25] EN
[54] **A MANUALLY OPERATED CONTROLLER APPARATUS**
[54] **DISPOSITIF DE COMMANDE MANUELLE**
[72] LEE, KYUNG-SUP, CA
[71] LEE, KYUNG-SUP, CA
[22] 2000-02-11
[43] 2000-11-17
[30] US (09/312,768) 1999-05-17

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[21] **2,298,961**
[13] A1

[51] **Int.Cl. 7B24B 21/04**
[25] EN
[54] **BELT SANDER WITH ORBITALLY TRANSLATED ABRASIVE BELT**
[54] **PONCEUSE A COURROIE ABRASIVE A TRANSLATION ORBITALE**
[72] BAU, ELIGIO, IT
[72] COSTA, ALESSANDRO, IT
[71] BAU, ELIGIO, IT
[71] COSTA, ALESSANDRO, IT
[22] 2000-02-18
[43] 2000-11-13
[30] US (09/311,096) 1999-05-13

[21] **2,299,023**
[13] A1

[51] **Int.Cl. 7H04L 1/20 7H04Q 7/22**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING THE TRANSITION OF AN AUDIO SIGNAL CONVERTER BETWEEN TWO OPERATIVE MODES IN THE PRESENCE OF LINK IMPAIRMENTS IN A DATA COMMUNICATION CHANNEL**
[54] **METHODE ET APPAREILLAGE POUR COMMANDER LE PASSAGE D'UN CONVERTISSEUR DE SIGNAUX AUDIO ENTRE DEUX MODES DE FONCTIONNEMENT EN CAS DE LIAISON DEFECTUEUSE D'UN CANAL DE TRANSMISSION DE DONNEES**
[72] RABIPOUR, RAFI, CA
[72] SLOAN, DAVID G., CA
[72] CHU, CHUNG CHEUNG, CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-02-18
[43] 2000-11-14
[30] US (09/469,464) 1999-12-22
[30] US (60/134,201) 1999-05-14

[21] **2,299,876**
[13]

[51] **Int.Cl. 7B29C 45/73 7B29D 7/00**
[25] EN
[54] **SLIDING EDGE GATE FOR A HOT RUNNER MOLD**
[54] **ENTREE LATERALE COULISSANTE POUR MOULE A CANAL CHAUFFE**
[72] KALEMBA, JACEK, CA
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[22] 2000-03-01
[43] 2000-11-18
[30] US (09/313,834) 1999-05-18

[21] **2,301,446**
[13] A1

[51] **Int.Cl. 7B41F 21/14**
[25] EN
[54] **PRINTER SHEET DESKEWING SYSTEM WITH AUTOMATICALLY VARIABLE NUMBERS OF UPSTREAM FEEDING NIP ENGAGEMENTS FOR DIFFERENT SHEET SIZES**
[54] **SYSTEME DE REALIGNEMENT DE FEUILLE D'IMPRIMANTE A NOMBRE DE PINCES D'ALIMENTATION ENGAGEES EN AMONT VARIANT AUTOMATIQUEMENT POUR DIFFERENTS FORMATS DE PAPIER**
[72] BENEDICT, LAWRENCE R., US
[72] RICHARDS, PAUL N., US
[72] D'ANGELANTONIO, DAVID A., US
[72] FORD, BRIAN R., US
[71] XEROX CORPORATION, US
[22] 2000-03-21
[43] 2000-11-17
[30] US (09/312,999) 1999-05-17

[21] **2,301,788**
[13] A1

[51] **Int.Cl. 7B62D 55/24 7B62D 55/00**
[25] EN
[54] **ENDLESS RUBBER TRACK AND VEHICLE CONTAINING SUCH TRACK**
[54] **CHENILLE EN CAOUTCHOUC ET VEHICULE PORTEUR**
[72] KRISHNAN, RAM MURTHY, US
[72] RODGERS, MICHAEL BRENDAN, US
[72] GORDON, LARRY ASHLEY, US
[72] MALY, NEIL ARTHUR, US
[72] SANDSTROM, PAUL HARRY, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2000-03-21
[43] 2000-11-12
[30] US (09/310,509) 1999-05-12

[21] **2,301,791**
[13] A1

[51] **Int.Cl. 7F04B 47/12 7E21B 43/16**
[25] EN
[54] **PLUNGER LIFT WITH MULTIPART PISTON**
[54] **POMPE A PISTONS PLONGEURS MULTIPLES**
[72] WELLS, EDWARD A., US
[71] WELLS, EDWARD A., US
[22] 2000-03-21
[43] 2000-11-14
[30] US (09/312,737) 1999-05-14

[21] **2,302,042**
[13] A1

[51] **Int.Cl. 7B65H 9/00 7G03G 15/00**
[25] EN
[54] **PRINTER SHEET DESKEWING SYSTEM WITH AUTOMATIC VARIABLE NIP LATERAL SPACING FOR DIFFERENT SHEET SIZES**
[54] **SYSTEME DE REALIGNEMENT DE FEUILLE D'IMPRIMANTE AVEC ESPACEMENT LATERAL DES PINCES VARIANT AUTOMATIQUEMENT POUR DIFFERENTS FORMATS DE PAPIER**
[72] DANGELANTONIO, DAVID A., US
[72] BENEDICT, LAWRENCE R., US
[72] FORD, BRIAN R., US
[72] RICHARDS, PAUL N., US
[71] XEROX CORPORATION, US
[22] 2000-03-22
[43] 2000-11-17
[30] US (09/312,675) 1999-05-17

[21] **2,302,077**
[13]

[51] **Int.Cl. 7G06F 13/14**
[25] EN
[54] **TOGGLE FOR SPLIT TRANSACTION MODE OF PCI-X BRIDGE BUFFER**
[54] **COMMUTATION DU MODE DE TRANSACTION FRACTIONNABLE D'UN TAMPON DE PONT PCI-X**
[72] YANES, ADALBERTO G., US
[72] KELLY, RICHARD A., US
[72] NEAL, DANNY N., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-03-24
[43] 2000-11-18
[30] US (09/314,045) 1999-05-18

[21] **2,302,139**
[13] A1

[51] **Int.Cl. 7B27B 31/06 7B27B 7/00 7B27B 29/00 7B27B 5/02 7B23D 45/18**
[25] EN
[54] **VERTICAL ARBOR SAW FOR SHAPE SAWING A LOG**
[54] **SCIE A ARBRE VERTICAL POUR SCIER DES GRUMES EN SUIVANT LEURS FORMES**
[72] DOCKTER, MIKE, US
[72] KNER, MICHAEL P., US
[71] U.S. NATURAL RESOURCES, INC., US
[22] 2000-03-27
[43] 2000-11-13
[30] US (09/311,604) 1999-05-13

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[21] **2,302,803**
[13] A1

[51] **Int.Cl. 7B41F 5/24**
[25] EN
[54] **FLEXOGRAPHIC PRINTING APPARATUS**
[54] **APPAREIL D'IMPRESSION FLEXOGRAPHIQUE**
[72] KLEIN, DAVID M., US
[72] SILER, STEVEN J., US
[71] HURLETRON INCORPORATED, US
[71] HURLETRON INCORPORATED, US
[22] 2000-03-24
[43] 2000-11-12
[30] US (09/310,259) 1999-05-12

[21] **2,302,989**
[13] A1

[51] **Int.Cl. 7C01B 3/42**
[25] EN
[54] **PRODUCTION OF HYDROGEN AND CARBON MONOXIDE**
[54] **PRODUCTION D'HYDROGENE ET DE MONOXYDE DE CARBONE**
[72] TAMHANKAR, SATISH S., US
[72] RAMPRASAD, NARAYANAN, US
[72] MACLEAN, DONALD L., US
[72] ZENG, YONGXIAN, US
[72] FITCH, FRANK R., US
[72] LIMBACH, KIRK WALTON, US
[71] THE BOC GROUP, INC., US
[22] 2000-03-22
[43] 2000-11-13
[30] US (09/311,424) 1999-05-13

[21] **2,303,549**
[13] A1

[51] **Int.Cl. 7B05D 3/06 7H01L 39/24**
[25] EN
[54] **METHOD FOR PRODUCING A METAL OXIDE AND METHOD FOR FORMING A MINUTE PATTERN**
[54] **METHODE DE PRODUCTION D'UN OXYDE METALLIQUE ET METHODE POUR FORMER UN MOTIF MINUSCULE**
[72] IMAI, YOJI, JP
[72] MANABE, TAKAAKI, JP
[72] WATANABE, AKIO, JP
[72] KUMAGAI, TOSHIYA, JP
[72] YAMAGUCHI, IWAQ, JP
[72] NIINO, HIROYUKI, JP
[72] YABE, AKIRA, JP
[72] TSUCHIYA, TETSUO, JP
[72] MIZUTA, SUSUMU, JP
[71] SECRETARY OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[22] 2000-03-30
[43] 2000-11-17
[30] JP (136206/1999) 1999-05-17
[30] JP (308644/1999) 1999-10-29

[21] **2,303,654**
[13] A1

[51] **Int.Cl. 7F24H 1/18 7F24H 9/00**
[25] EN
[54] **WATER HEATER**
[54] **CHAUFFE-EAU**
[72] VAGO, OTTO Z., US
[71] STATE INDUSTRIES, INC., US
[22] 2000-04-03
[43] 2000-11-12
[30] US (60/133,749) 1999-05-12
[30] US (09/409,955) 1999-09-30

[21] **2,303,726**
[13]

[51] **Int.Cl. 7G06F 13/14**
[25] EN
[54] **BUFFER MANAGEMENT FOR IMPROVED PCI-X OR PCI BRIDGE PERFORMANCE**
[54] **GESTION DE TAMPON POUR DES PERFORMANCES AMELIOREES D'UN PONT PCI-X OU PCI**
[72] WHITLEY, LAWRENCE D., US
[72] YANES, ADALBERTO G., US
[72] NEAL, DANNY M., US
[72] KELLY, RICHARD A., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-04-05
[43] 2000-11-18
[30] US (09/314,044) 1999-05-18

[21] **2,303,952**
[13] A1

[51] **Int.Cl. 7F16H 48/00 7F16H 48/06**
[25] EN
[54] **HELICAL DIFFERENTIAL ASSEMBLY**
[54] **ENSEMBLE DIFFERENTIEL HELICOIDAL**
[72] GAGE, GARRETT W., US
[71] AMERICAN AXLE & MANUFACTURING, INC., US
[22] 2000-04-06
[43] 2000-11-13
[30] US (09/311,514) 1999-05-13

[21] **2,303,958**
[13] A1

[51] **Int.Cl. 7B65G 27/22 7B65G 27/32**
[25] EN
[54] **SYNCHRONIZED VIBRATOR CONVEYOR**
[54] **CONVOYEUR VIBRANT SYNCHRONISE**
[72] CARLYLE, ALLAN M., CA
[71] CARLYLE, ALLAN M., CA
[22] 2000-04-06
[43] 2000-11-14
[30] US (09/312,584) 1999-05-14

[21] **2,304,082**
[13] A1

[51] **Int.Cl. 7G02B 6/36**
[25] EN
[54] **REMOVABLY MOUNTED FIBER OPTIC CONNECTOR AND ASSOCIATED ADAPTER**
[54] **CONNECTEUR POUR FIBRES OPTIQUES AMOVIBLE ET ADAPTEUR CONNEXE**
[72] GIEBEL, MARKUS A., US
[72] SEMMLER, SCOTT E., US
[72] DE JONG, MICHAEL, US
[72] MUDD, RONALD L., US
[71] SIECOR OPERATIONS, LLC, US
[22] 2000-04-05
[43] 2000-11-12
[30] US (09/310,579) 1999-05-12

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[21] **2,304,269**
[13]

[51] **Int.Cl. 7B60R 19/36 7F16F 5/00 7F16F 7/00**
[25] EN
[54] **DEVICE TO ABSORB IMPACT ENERGY**
[54] **DISPOSITIF POUR ABSORBER L'ENERGIE DE CHOCS**
[72] DANNINGER, CHRISTIAN, AT
[72] GARNWEIDNER, PETER, AT
[71] EUROMOTIVE GES.M.B.H., AT
[22] 2000-03-31
[43] 2000-11-18
[30] DE (19922779.9-12) 1999-05-18

[21] **2,304,697**
[13] A1

[51] **Int.Cl. 7G02C 5/14**
[25] EN
[54] **FRAME CLIP**
[54] **PINCE DE MONTURE**
[72] VAN BAKEL, JOHN P., CA
[71] VAN BAKEL, JOHN P., CA
[22] 2000-04-04
[43] 2000-11-15

[21] **2,304,743**
[13] A1

[51] **Int.Cl. 7A61F 2/56**
[25] EN
[54] **SOCKETLESS MOUNTING PLATFORM FOR AN UPPER EXTREMITY TERMINAL DEVICE AND PROSTHETIC LIMB SUSPENSION SYSTEM**
[54] **PLATE-FORME DE MONTAGE SANS DOUILLE POUR DISPOSITIF TERMINAL DE MEMBRE SUPERIEUR ET SYSTEME DE SUSPENSION DE MEMBRE ARTIFICIEL**
[72] HOLDER, CHAZ M., US
[71] HOLDER, CHAZ M., US
[22] 2000-04-10
[43] 2000-11-17
[30] US (09/313,317) 1999-05-17

[21] **2,304,817**
[13] A1

[51] **Int.Cl. 7E04H 15/58**
[25] FR
[54] **PORTE DE TENTE DE TYPE MODULAIRE**
[54] **MODULAR TENT DOOR**
[72] FORTIN, ANDRE, CA
[71] FORTIN, ANDRE, CA
[22] 2000-04-30
[43] 2000-11-13

[21] **2,304,839**
[13] A1

[51] **Int.Cl. 7H01L 39/22**
[25] EN
[54] **MAGNETIC FIELD BIAS ADJUSTING DEVICE FOR SQUID MODULATION DRIVE CIRCUIT ACHIEVING EASY ADJUSTMENT**
[54] **DISPOSITIF DE REGLAGE FACILE DE POLARISATION DE CHAMP MAGNETIQUE POUR CIRCUIT D'ENTRAINEMENT DE MODULATION DE SQUID**
[72] NAGAISHI, TATSUOKI, JP
[72] HIRANO, TETSUYA, JP
[72] ITOZAKI, HIDEO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2000-04-11
[43] 2000-11-13
[30] JP (11-132086) 1999-05-13

[21] **2,304,893**
[13] A1

[51] **Int.Cl. 7B23K 9/09 7B23K 9/133**
[25] EN
[54] **WELDING POWER SUPPLY FOR PULSED SPRAY WELDING**
[54] **BLOC D'ALIMENTATION POUR METALLISATION PAR PROJECTION PULSEE**
[72] NOWAK, ALBERT M., US
[72] REYNOLDS, JON O., US
[72] HOLVERSON, TODD E., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-04-07
[43] 2000-11-12
[30] US (09/310,429) 1999-05-12

[21] **2,304,905**
[13]

[51] **Int.Cl. 7C09D 133/06 7C09D 133/14**
[25] EN
[54] **RADIATION CURABLE COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT DURCISSABLE SOUS RAYONNEMENT**
[72] FRECHE, PATRICK ANDRE ROGER, FR
[72] DUVAL, FRANCK CONSTANT EMILE, FR
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2000-04-10
[43] 2000-11-18
[30] US (09/313,450) 1999-05-18

[21] **2,304,940**
[13] A1

[51] **Int.Cl. 7H04Q 3/64**
[25] EN
[54] **AUTOMATIC CALL DISTRIBUTION SYSTEM WITH SIGNAL GENERATOR AND METHOD**
[54] **SYSTEME ET METHODE DE DISTRIBUTION AUTOMATIQUE D'APPELS AVEC GENERATEUR DE SIGNAUX**
[72] PELTZ, MARSHALL, US
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US
[22] 2000-04-10
[43] 2000-11-13
[30] US (09/311,614) 1999-05-13

[21] **2,305,037**
[13] A1

[51] **Int.Cl. 7B65D 81/38 7F25D 3/08**
[25] EN
[54] **PORTABLE FOOD AND BEVERAGE COOLING DEVICE**
[54] **DISPOSITIF DE REFROIDISSEMENT PORTATIF POUR ALIMENTS ET BOISSONS**
[72] WAGNER, PETER P.G., CA
[71] WAGNER, PETER P.G., CA
[22] 2000-04-14
[43] 2000-11-17
[30] US (09/307341) 1999-05-17

[21] **2,305,302**
[13] A1

[51] **Int.Cl. 7A47J 43/04 7A47J 44/00**
[25] EN
[54] **FIELD PROGRAMMABLE BLENDER**
[54] **MELANGEUR PROGRAMMABLE PAR L'UTILISATEUR**
[72] VARGHAI, HASSAN, US
[72] BARNARD, DAVID J., US
[72] KOLAR, DAVID J., US
[71] VITA-MIX CORPORATION, US
[22] 2000-04-13
[43] 2000-11-12
[30] US (09/311,104) 1999-05-12

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[21] **2,305,931**
[13] A1

[51] **Int.Cl. 7B21D 5/04**
[25] EN
[54] **DOUBLE FUNCTION BENDING BLADE FOR SHEET METAL BENDING MACHINE**
[54] **LAME DE CINTRAGE A DOUBLE FONCTION POUR CINTREUSE DE TOLES**
[72] KUNZE, WOLFGANG, AT
[71] SALVAGNINI ITALIA S.P.A., IT
[22] 2000-04-13
[43] 2000-11-14
[30] IT (MI99A 001058) 1999-05-14

[21] **2,306,014**
[13]

[51] **Int.Cl. 7B26B 21/44**
[25] EN
[54] **SHAVING IMPLEMENT**
[54] **INSTRUMENT DE RASAGE**
[72] KING, BRIAN FRANCIS, US
[72] O'MALLEY, MICHAEL PAUL, US
[72] COFFIN, DAVID C., US
[72] PENNELLA, ANDREW J., US
[71] WARNER-LAMBERT COMPANY, US
[22] 2000-04-18
[43] 2000-11-18
[30] US (09/313588) 1999-05-18

[21] **2,306,618**
[13]

[51] **Int.Cl. 7B25C 1/18**
[25] EN
[54] **NOSEPIECE SHIELD FOR COMBUSTION POWERED TOOL**
[54] **ECRAN A EMBOUT POUR OUTIL A COMBUSTION**
[72] UEJIMA, YASU, JP
[72] DEIESO, TONY, US
[72] WAGDY, MOHAMED K., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-04-26
[43] 2000-11-18
[30] US (09/313,366) 1999-05-18

[21] **2,307,052**
[13] A1

[51] **Int.Cl. 7H04L 29/04**
[25] EN
[54] **COMMUNICATION APPARATUS AND METHOD FOR CONTROLLING TRANSMISSION**
[54] **APPAREIL DE COMMUNICATION ET METHODE DE CONTROLE DE TRANSMISSION**
[72] YASAKI, MASATOMO, JP
[72] MURAKAMI, KOICHI, JP
[72] NISHIYAMA, SOICHI, JP
[72] NODA, MASAHIDE, JP
[71] FUJITSU LIMITED, JP
[22] 2000-04-28
[43] 2000-11-17
[30] JP (11-135748) 1999-05-17

[21] **2,307,152**
[13] A1

[51] **Int.Cl. 7B65C 3/00**
[25] EN
[54] **WIPE-ON LABEL APPLICATOR FOR FRUIT OR VEGETABLES AND ASSOCIATED METHODS**
[54] **APPLICATEUR D'ETIQUETTES SUR LES FRUITS OU LES LEGUMES ET METHODES CONNEXES**
[72] SHERMAN, WAYNE C., US
[72] ANDERSON, DAVID N., US
[71] FMC CORPORATION, US
[22] 2000-04-28
[43] 2000-11-13
[30] US (09/311,227) 1999-05-13

[21] **2,307,257**
[13] A1

[51] **Int.Cl. 7B42F 17/00**
[25] EN
[54] **LABEL-INTEGRATED INDEX CARD**
[54] **FICHE A ETIQUETTE INTEGREE**
[72] NAKAJIMA, HIROYUKI, JP
[71] TDK CORPORATION, JP
[22] 2000-04-27
[43] 2000-11-13
[30] JP (11-132550) 1999-05-13
[30] JP (2000-44195) 2000-02-22

[21] **2,307,365**
[13] A1

[51] **Int.Cl. 7B01D 19/04**
[25] EN
[54] **USE OF WATER-INSOLUBLE POLYOXYALKYLENE-POLYSILOXANE BLOCK COPOLYMERS FOR DEFOAMING AQUEOUS MEDIA**
[54] **COPOLYMERES SEQUENCES POLYOXYALKYLENE-POLYSILOXANE INSOLUBLES DANS L'EAU POUVANT ETRE UTILISES COMME ADDITIFS ANTIMOUSSE DANS LES MILIEUX AQUEUX**
[72] SUCKER, ROLAND, DE
[72] SILBER, STEFAN, DE
[72] KEUP, MICHAEL, DE
[72] EBBRECHT, THOMAS, DE
[72] JOSTEN, WOLFGANG, DE
[71] GOLDSCHMIDT AG, DE
[22] 2000-05-02
[43] 2000-11-14
[30] DE (199 22 352.1) 1999-05-14

[21] **2,307,414**
[13] A1

[51] **Int.Cl. 7C07C 19/08 7C07C 17/21**
[25] EN
[54] **PREPARATION OF 245FA**
[54] **SYNTHESE DE 245FA**
[72] CHEN, BIN, US
[72] ELSHEIKH, MAHER Y., US
[71] ELF ATOCHEM NORTH AMERICA, INC., US
[22] 2000-05-02
[43] 2000-11-14
[30] US (09/312,267) 1999-05-14

[21] **2,307,444**
[13] A1

[51] **Int.Cl. 7G01V 1/36 7E21B 44/00 7G01V 5/08**
[25] EN
[54] **COMPENSATION OF ERRORS IN LWD DENSITY MEASUREMENTS**
[54] **COMPENSATION D'ERREURS RELATIVES AUX MESURES DE DENSITE EFFECTUEES LORS D'OPERATIONS DE DIAGRAPHIE EN COURS DE FORAGE (LWD)**
[72] EDWARDS, JOHN E., GB
[72] ADOLPH, ROBERT A., GB
[72] SLOAN, WILLIAM R., GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2000-05-02
[43] 2000-11-12
[30] US (09/310893) 1999-05-12

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[21] **2,307,448**
[13] A1

[51] **Int.Cl. 7B01D 19/04 7C09D 7/12**
[25] EN
[54] **USE OF WATER-INSOLUBLE POLY(OXY-1,4-BUTANEDIYL)-CONTAINING POLYOXYALKYLENE-POLYSILOXANE BLOCK COPOLYMERS FOR DEFOAMING AQUEOUS MEDIA**
[54] **COPOLYMERES SEQUENCES POLYOXYALKYLENE-POLYSILOXANE CONTENANT DU POLY(OXY-1,4-BUTANEDIYLE), INSOLUBLES DANS L'EAU, POUVANT ETRE UTILISES COMME ADDITIFS ANTIMOUSSE DANS LES MILIEUX AQUEUX**
[72] EBBRECHT, THOMAS, DE
[72] JOSTEN, WOLFGANG, DE
[72] KEUP, MICHAEL, DE
[72] SUCKER, ROLAND, DE
[72] SILBER, STEFAN, DE
[71] GOLDSCHMIDT AG, DE
[22] 2000-05-02
[43] 2000-11-14
[30] DE (199 22 218.5) 1999-05-14

[21] **2,307,463**
[13] A1

[51] **Int.Cl. 7F24D 19/10 7G08B 21/18 7G05D 23/19**
[25] EN
[54] **ENVIRONMENTAL CONTROL SYSTEM INCIPIENT FAILURE INDICATOR APPARATUS**
[54] **INDICATEUR DE DEBUT DE DEFAILLANCE DE SYSTEME DE CONDITIONNEMENT D'AIR**
[72] DERRYBERRY, ANDY LYNN, US
[72] CARONNA, COSIMO, US
[72] DENTON, DARRYL ELLIOTT, US
[71] INTERNATIONAL COMFORT PRODUCTS CORPORATION (USA), US
[22] 2000-05-03
[43] 2000-11-14
[30] US (09/312,325) 1999-05-14

[21] **2,307,481**
[13] A1

[51] **Int.Cl. 7C30B 31/04 7B81C 1/00**
[25] EN
[54] **MELT-INFILTRATION PROCESS FOR FABRICATING ARTICLE EXHIBITING SUBSTANTIAL THREE-DIMENSIONAL ORDER AND RESULTANT ARTICLE**
[54] **PROCEDE DE FABRICATION A INFILTRATION PAR BAIN DE PRODUIT PRESENTANT UNE COHESION TRIDIMENSIONNELLE ELEVEE, ET PRODUIT RESULTANT**
[72] BRAUN, PAUL VANNEST, US
[72] WILTZIUS, PIERRE, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-05-03
[43] 2000-11-14
[30] US (09/312,165) 1999-05-14

[21] **2,307,482**
[13] A1

[51] **Int.Cl. 7A61K 6/083**
[25] EN
[54] **BONDING COMPOSITION**
[54] **COMPOSITION DE LIANT**
[72] HINO, KENICHI, JP
[71] KURARAY CO., LTD., JP
[22] 2000-05-03
[43] 2000-11-13
[30] JP (132085/1999) 1999-05-13

[21] **2,307,485**
[13] A1

[51] **Int.Cl. 7H04L 12/26**
[25] EN
[54] **EFFICIENT AUTOMATIC REPEAT REQUEST METHOD USING VARIABLE LENGTH SEQUENCE NUMBERS**
[54] **METHODE DE DEMANDE A REPETITION AUTOMATIQUE EFFICACE FAISANT APPEL A DES NUMEROS SEQUENTIELS DE LONGUEUR VARIABLE**
[72] KUMAR, SARATH, US
[72] KNISELY, DOUGLAS N., US
[72] KHAN, FAROOQ ULLAH, US
[72] NANDA, SANJIV, US
[72] MEDAPALLI, KAMESWARA RAO, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-05-04
[43] 2000-11-14
[30] US (09/312,167) 1999-05-14

[21] **2,307,490**
[13] A1

[51] **Int.Cl. 7H04B 7/212 7H04Q 7/36 7H04B 1/69**
[25] EN
[54] **CONTROL CHANNEL FOR TIME DIVISION MULTIPLE ACCESS SYSTEMS**
[54] **CANAL DE COMMANDE POUR SYSTEMES A ACCES MULTIPLE PAR REPARTITION DANS LE TEMPS**
[72] KRISHNAMOORTHY, RAJEEV, US
[72] RUPP, MARKUS, US
[72] VISWANATHAN, HARISH, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-05-04
[43] 2000-11-17
[30] US (09/312,793) 1999-05-17

[21] **2,307,491**
[13] A1

[51] **Int.Cl. 7F16B 2/24 7F16L 33/02**
[25] EN
[54] **DEVICE FOR SECURING A CLIP IN AN OPEN POSITION AND RELEASING THE CLIP FROM THE OPEN POSITION TO THE CLOSED POSITION**
[54] **DISPOSITIF POUR FIXER UNE PINCE EN POSITION OUVERTE ET DEGAGER LA PINCE DE LA POSITION OUVERTE A LA POSITION FERMEE**
[72] MANN, STEPHAN, DE
[72] GYONGYOSI, JURGEN, DE
[71] RASMUSSEN GMBH, DE
[22] 2000-05-04
[43] 2000-11-15
[30] DE (199 22 260.6) 1999-05-15

[21] **2,307,545**
[13] A1

[51] **Int.Cl. 7G06F 13/366 7G06F 15/173**
[25] EN
[54] **SUPERVISORY SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE SUPERVISION**
[72] OGURI, TOSHITAKA, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 2000-05-04
[43] 2000-11-17
[30] JP (11-135391) 1999-05-17

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[21] **2,307,690**
[13] A1

[51] **Int.Cl. 7F16D 65/38 7B61H 15/00 7F16B 21/16**
[25] EN
[54] **LOCK BOLT WITH MODIFIED END CAP FOR SLACK ADJUSTER**
[54] **BOULON DE BLOCAGE ET CHAPEAU MODIFIE POUR REGLEUR DE TIMONERIE**
[72] KANJO, WAJIH, US
[72] MORIARITY, MICHAEL J., US
[72] DAUGHERTY, DAVID W., JR., US
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 2000-05-01
[43] 2000-11-13
[30] US (311,761) 1999-05-13

[21] **2,307,693**
[13] A1

[51] **Int.Cl. 7A61F 13/494**
[25] EN
[54] **DISPOSABLE BODY WASTES ABSORBENT ARTICLE**
[54] **PRODUIT JETABLE UTILISE POUR ABSORBER LES DECHETS DE L'ORGANISME**
[72] MICHIMA, YOSHITAKA, JP
[72] SUZUKI, NAOMI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-05-05
[43] 2000-11-12
[30] JP (11-131515) 1999-05-12

[21] **2,307,721**
[13] A1

[51] **Int.Cl. 7A61K 7/42 7A61K 7/06**
[25] EN
[54] **PHOTOSTABLE COSMETIC LIGHT SCREENING COMPOSITIONS**
[54] **COMPOSITIONS COSMETIQUES PHOTOSTABLES SERVANT D'ECRAN SOLAIRE**
[72] PITTET, GILBERT, CH
[72] BERSET, GUY, CH
[72] RICHARD, JOEL FRANCOIS, FR
[72] SIDRAC, DOMINIQUE, FR
[71] F. HOFFMAN-LA ROCHE AG, CH
[22] 2000-05-08
[43] 2000-11-12
[30] EP (99109515.9) 1999-05-12

[21] **2,307,736**
[13] A1

[51] **Int.Cl. 7F16H 59/04 7B60K 20/04**
[25] EN
[54] **SHIFT MECHANISM FOR A VEHICLE GEARBOX**
[54] **MECANISME SELECTEUR DE BOITE DE VITESSE DE VEHICULE**
[72] FRITZ, MARTIN, DE
[72] RUCKERT, DIETER, DE
[71] DEERE & COMPANY, US
[22] 2000-05-08
[43] 2000-11-12
[30] DE (199 22 010.7) 1999-05-12

[21] **2,307,740**
[13] A1

[51] **Int.Cl. 7A47G 1/06**
[25] EN
[54] **PICTURE FRAME**
[54] **ENCADREMENT**
[72] CECCHETTO, RENZO, CA
[71] CECCHETTO, RENZO, CA
[22] 2000-05-08
[43] 2000-11-12
[30] US (09/310,176) 1999-05-12

[21] **2,307,781**
[13] A1

[51] **Int.Cl. 7B01D 19/04 7C09D 11/00**
[25] EN
[54] **USE OF WATER-INSOLUBLE POLYOXYARYLENE-POLYSILOXANE BLOCK COPOLYMERS FOR DEFOAMING AQUEOUS MEDIA**
[54] **COPOLYMERES SEQUENCES POLYOXYARYLENE-POLYSILOXANE INSOLUBLES DANS L'EAU POUVANT ETRE UTILISES COMME ADDITIFS ANTIMOUSSE DANS LES MILIEUX AQUEUX**
[72] EBBRECHT, THOMAS, DE
[72] SILBER, STEFAN, DE
[72] JOSTEN, WOLFGANG, DE
[72] SUCKER, ROLAND, DE
[72] KEUP, MICHAEL, DE
[71] GOLDSCHMIDT AG, DE
[22] 2000-05-02
[43] 2000-11-14
[30] DE (199 22 351.3) 1999-05-14

[21] **2,307,822**
[13] A1

[51] **Int.Cl. 7B65H 39/02 7B65H 35/00 7B43M 3/04**
[25] EN
[54] **A SYSTEM AND METHOD FOR PROVIDING DOCUMENT ACCUMULATION SETS TO AN INSERTER SYSTEM**
[54] **SYSTEME ET METHODE DE TRANSMISSION DE PAQUETS GROUPEES DE DOCUMENTS A UNE ENCARTEUSE**
[72] WRIGHT, WILLIAM J., US
[72] ALLEN, ROBERT J., US
[72] SUSSMEIER, JOHN W., US
[72] HOLBROOK, RUSSELL W., US
[71] PITNEY BOWES INC., US
[22] 2000-05-09
[43] 2000-11-12
[30] US (09/310,218) 1999-05-12

[21] **2,307,825**
[13] A1

[51] **Int.Cl. 7B65H 39/06 7B65H 29/58 7B65H 29/66**
[25] EN
[54] **METHOD AND DEVICE FOR SHEET COLLATION**
[54] **METHODE ET DISPOSITIF DE COLLATIONNEMENT DES FEUILLES**
[72] SUSSMEIER, JOHN W., US
[72] WRIGHT, WILLIAM J., US
[72] ALLEN, ROBERT J., US
[71] PITNEY BOWES INC., US
[22] 2000-05-09
[43] 2000-11-12
[30] US (09/310,217) 1999-05-12

[21] **2,307,894**
[13] A1

[51] **Int.Cl. 7H04L 12/24**
[25] EN
[54] **A NETWORK MANAGEMENT SYSTEM USING A DISTRIBUTED NAMESPACE**
[54] **SYSTEME DE GESTION DE RESEAU FAISANT APPEL A UN ESPACE DE NOMS REPARTI**
[72] PARK, JOONHO, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-05-04
[43] 2000-11-14
[30] US (09/312,524) 1999-05-14

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[21] **2,307,901**
[13] A1

[51] **Int.Cl. 7H04N 7/173 7H04N 7/08**
[25] EN
[54] **INTERACTIVE TELEVISION BROADCAST SYSTEM**
[54] **SYSTEME DE TELEDIFFUSION INTERACTIVE**
[72] KYDD, RICHARD ANDREW, GB
[71] TWO WAY TV LIMITED, GB
[22] 2000-05-09
[43] 2000-11-12
[30] EP (99303717.5) 1999-05-12

[21] **2,307,908**
[13] A1

[51] **Int.Cl. 7G06F 9/445**
[25] EN
[54] **A METHOD AND APPARATUS FOR DOWNLOADING SOFTWARE INTO AN EMBEDDED-SYSTEM**
[54] **METHODE ET APPAREIL POUR TELECHARGEMENT DE LOGICIEL DANS UN SYSTEME INTEGRE**
[72] SZUST, AVIGAIL, IL
[72] GARFUNKEL, ARIE, IL
[71] ECI TELECOM LTD., IL
[22] 2000-05-09
[43] 2000-11-13
[30] IL (129947) 1999-05-13

[21] **2,307,912**
[13] A1

[51] **Int.Cl. 7D02G 3/36**
[25] EN
[54] **MULTI-COMPONENT YARN AND METHOD OF MAKING THE SAME**
[54] **FIL A PLUSIEURS ELEMENTS ET METHODE DE FABRICATION**
[72] MORMAN, GEORGE MARION JR., US
[72] PHILLIPS, RICHIE DARNELL, US
[72] PRITCHARD, ERIC, US
[72] BENFIELD, DANNY RAY, US
[72] MOORE, DELLA BONNELL, US
[72] KOLMES, NATHANIEL H., US
[71] SUPREME ELASTIC CORPORATION, US
[22] 2000-05-09
[43] 2000-11-13
[30] US (09/332,245) 1999-05-13
[30] US (09/525,812) 2000-03-15

[21] **2,307,920**
[13] A1

[51] **Int.Cl. 7E05B 19/00 7G09F 3/00**
[25] EN
[54] **KEY WITH IDENTIFYING INCORPORATED SYSTEM**
[54] **CLE A MECANISME D'IDENTIFICATION INCORPORE**
[72] ROBLES, SERGIO F., CL
[71] ROBLES, SERGIO F., CL
[22] 2000-05-09
[43] 2000-11-14
[30] CL (997-99) 1999-05-14

[21] **2,307,921**
[13] A1

[51] **Int.Cl. 7H01R 4/66 7H05K 7/10**
[25] EN
[54] **SHIELDED HEADER**
[54] **COLLECTEUR BLINDE**
[72] STONER, STUART C., US
[72] BERTONCINI, DANIEL B., US
[72] DOUTRICH, RAY C., US
[71] BERG TECHNOLOGY, INC., US
[22] 2000-05-09
[43] 2000-11-13
[30] US (09/311,349) 1999-05-13

[21] **2,307,922**
[13] A1

[51] **Int.Cl. 7H01R 12/22**
[25] EN
[54] **SURFACE-MOUNT ELECTRICAL CONNECTION DEVICE**
[54] **DISPOSITIF DE CONNEXION ELECTRIQUE MONTE EN APPLIQUE**
[72] YACOUB, PATRICK, CA
[71] WECO ELECTRICAL CONNECTORS INC., CA
[22] 2000-05-09
[43] 2000-11-14
[30] US (09/313,540) 1999-05-14

[21] **2,307,928**
[13]

[51] **Int.Cl. 7G01J 3/26**
[25] EN
[54] **OPTICAL SCANNING SPECTROMETER**
[54] **SPECTROMETRE A BALAYAGE OPTIQUE**
[72] COLBOURNE, PAUL, CA
[72] BOUEVITCH, OLEG, CA
[71] JDS UNIPHASE INC., CA
[22] 2000-05-10
[43] 2000-11-18
[30] US (09/313,180) 1999-05-18

[21] **2,307,946**
[13] A1

[51] **Int.Cl. 7B25B 27/00 7H01R 43/042**
[25] EN
[54] **COOPERATING DIE FOR CRIMPING TOOL HAVING A ROTATABLE DIE WHEEL**
[54] **MATRICE CONCOURANTE POUR OUTIL DE SERTISSAGE COMPRENANT UNE ROULETTE MOLETEE**
[72] SCHRADER, GARY E., US
[72] MONTMINY, ARMAND T., US
[71] F.C.I. - FRAMATOME CONNECTORS INTERNATIONAL, FR
[22] 2000-05-09
[43] 2000-11-13
[30] US (09/311,230) 1999-05-13
[30] US (09/311,814) 1999-05-13

[21] **2,307,972**
[13] A1

[51] **Int.Cl. 7E21B 33/134**
[25] EN
[54] **LOW PRESSURE, HIGH TEMPERATURE COMPOSITE BRIDGE PLUG**
[54] **BOUCHON DE SUPPORT COMPOSITE BASSE PRESSION ET HAUTE TEMPERATURE**
[72] SMITH, DONALD R., US
[72] VARGUS, GREGORY W., US
[72] HAWKINS, THOMAS W., US
[72] HUSHBECK, DONALD F., US
[72] WINSLOW, DONNY W., US
[72] BERSCHIEDT, KEVIN T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2000-05-10
[43] 2000-11-13
[30] US (09/311,458) 1999-05-13

[21] **2,307,985**
[13] A1

[51] **Int.Cl. 7G11B 7/24**
[25] EN
[54] **OPTICAL RECORDING MEDIUM**
[54] **SUPPORT D'ENREGISTREMENT OPTIQUE**
[72] YAMASAKI, TAKESHI, JP
[72] FURUKI, MOTOHIRO, JP
[72] YUKUMOTO, TOMOMI, JP
[71] SONY CORPORATION, JP
[22] 2000-05-10
[43] 2000-11-13
[30] JP (P11-133361) 1999-05-13

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[21] **2,307,988**
[13] A1

[51] **Int.Cl. 7A47C 3/12 7A47C 5/12**
[25] EN
[54] **CHAIR CONSTRUCTION**
[54] **SIEGE**
[72] HOLBROOK, RICHARD M., US
[71] VIRCO MFG. CORPORATION, US
[22] 2000-05-09
[43] 2000-11-14
[30] US (09/332,525) 1999-05-14

[21] **2,307,991**
[13] A1

[51] **Int.Cl. 7D21H 23/28**
[25] EN
[54] **METHOD FOR MANUFACTURING A PAPER OR BOARD WEB AND A PAPER OR BOARD MACHINE**
[54] **METHODE DE FABRICATION DE BANDES DE PAPIER OU DE CARTON ET MACHINE DE PAPIER OU DE CARTON**
[72] GRON, JOHAN, FI
[72] RAUTIAINEN, PENTTI, FI
[72] TAIPALE, MARI, FI
[72] AHONEN, PASI, FI
[72] KINNUNEN, JUHA S., FI
[71] VALMET CORPORATION, FI
[22] 2000-05-10
[43] 2000-11-12
[30] FI (991095) 1999-05-12

[21] **2,307,992**
[13] A1

[51] **Int.Cl. 7C07C 263/20 7C07C 265/14**
[25] EN
[54] **A PROCESS FOR PURIFYING ORGANIC ISOCYANATES, THE ORGANIC ISOCYANATES SO PURIFIED AND THEIR USE**
[54] **UN PROCEDURE DE PURIFICATION D'ISOCYANATES ORGANIQUES, LES ISOCYANATES ORGANIQUES AINSI PURIFIES ET LEUR UTILISATION**
[72] HALPAAP, REINHARD, DE
[72] MAGER, DIETER, DE
[72] DANIELMEIER, KARSTEN, US
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-05-10
[43] 2000-11-17
[30] DE (19922572.9) 1999-05-17

[21] **2,307,999**
[13] A1

[51] **Int.Cl. 7H04B 3/23 7H04S 7/00 7G10K 11/178**
[25] EN
[54] **METHOD AND DEVICE FOR CANCELLING STEREOPHONIC ECHO WITH FREQUENCY DOMAIN FILTERING**
[54] **METHODE ET DISPOSITIF D'ANNULATION DE L'ECHO STEREOPHONIQUE AVEC FILTRAGE DU DOMAINE FREQUENTIEL**
[72] BERTHAULT, FREDERIC, FR
[72] CAPMAN, FRANCOIS, FR
[71] MATRA NORTEL COMMUNICATIONS, FR
[22] 2000-05-10
[43] 2000-11-12
[30] FR (99 06087) 1999-05-12

[21] **2,308,012**
[13] A1

[51] **Int.Cl. 7H04Q 3/58 7H04M 11/06 7H04Q 3/42**
[25] EN
[54] **DNIC PERIPHERAL EXTENDER**
[54] **DISPOSITIF D'EXTENSION PERIPHERIQUE DE CIRCUIT**
[72] LEE, GORDON, CA
[71] MITEL CORPORATION, CA
[22] 2000-05-11
[43] 2000-11-13
[30] GB (9910976.1) 1999-05-13

[21] **2,308,022**
[13] A1

[51] **Int.Cl. 7G06T 9/00 7G01B 5/20**
[25] EN
[54] **SPATIAL DIGITIZER**
[54] **NUMERISEUR SPATIAL**
[72] KIELLAND, PETER, CA
[71] KIELLAND, PETER, CA
[22] 2000-05-15
[43] 2000-11-17
[30] CA (2,271,356) 1999-05-17

[21] **2,308,050**
[13] A1

[51] **Int.Cl. 7D21F 3/10**
[25] EN
[54] **METHOD AND APPARATUS FOR DEWATERING A SUCTION PAPERMAKING ROLL**
[54] **METHODE ET APPAREIL D'ESSORAGE DE ROULEAU ASPIRANT DE MACHINE A PAPIER**
[72] HERRING, ROBERT H., US
[72] ANDERSON, DENNIS W., US
[71] INTERNATIONAL PAPER COMPANY, US
[22] 2000-05-11
[43] 2000-11-12
[30] US (60/134,258) 1999-05-12

[21] **2,308,053**
[13] A1

[51] **Int.Cl. 7B41F 16/00**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING A DESIGN AND/OR SIGN ON GLASS, GLASS-CERAMIC OR CERAMIC ARTICLES**
[54] **METHODE ET APPAREIL D'APPLICATION D'UN DESSIN ET/OU D'UN SIGNE SUR DES ARTICLES EN VERRE, EN VITROCERAMIQUE OU EN CERAMIQUE**
[72] WEINBERG, WALDEMAR, DE
[72] ZIMMER, MICHAEL, DE
[71] ZIMMER, MICHAEL, DE
[71] SCHOTT GLAS, DE
[22] 2000-05-11
[43] 2000-11-12
[30] DE (199 21 923.0-45) 1999-05-12

[21] **2,308,054**
[13] A1

[51] **Int.Cl. 7B62D 5/093 7B62D 5/065**
[25] EN
[54] **AUTOMOTIVE HYDRAULIC STEERING SYSTEM**
[54] **SERVODIRECTION HYDRAULIQUE POUR VEHICULE MOTORISE**
[72] ESTES, HOWARD A., JR., US
[72] BURRELL, JAMES K., US
[71] DAIMLERCHRYSLER CORPORATION, US
[22] 2000-05-11
[43] 2000-11-12
[30] US (09/311,169) 1999-05-12

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[21] **2,308,062**
[13] A1

[51] **Int.Cl. 7B23P 15/04 7F01D 5/00**
[25] EN
[54] **A METHOD FOR PRODUCING
MATCHED FLUIDIC SURFACES**
[54] **REALISATION DE SURFACES
FLUIDIQUES APPARIEES**
[72] METZINGER, PETER, DE
[72] GLAESSER, ARNDT, DE
[72] MUSCHAL, GEORG, DE
[72] STELZER, RUPERT, DE
[72] HAIMERL, REIMUND, DE
[71] MTU MOTOREN- UND TURBINEN-
UNION MUNCHEN GMBH, DE
[22] 2000-05-11
[43] 2000-11-12
[30] DE (199 22 012.3) 1999-05-12

[21] **2,308,071**
[13] A1

[51] **Int.Cl. 7B60K 31/00 7F16H 59/14
7F16H 59/44 7F16H 59/74**
[25] EN
[54] **VEHICLE SPEED CONTROL
SYSTEM**
[54] **SYSTEME DE COMMANDE DE
VITESSE DE VEHICULE**
[72] KOTANI, HIDEAKI, JP
[72] ITO, AKIRA, JP
[72] SEN, NAOTO, JP
[72] SATO, HIROSHI, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2000-05-11
[43] 2000-11-14
[30] JP (11-133776) 1999-05-14

[21] **2,308,079**
[13] A1

[51] **Int.Cl. 7B60Q 1/00**
[25] EN
[54] **VEHICLE LAMP HOUSING
HAVING MULTIPLE MOUNTING
MEANS, AND METHOD OF USING
SAME**
[54] **LANTERNE DE VEHICULE A
DISPOSITIFS DE FIXATION
MULTIPLES, ET METHODE
D'UTILISATION**
[72] JACOBS, DENNIS F., US
[72] WARD, ADAM M., US
[72] WYATT, JAMES T., US
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2000-05-11
[43] 2000-11-12
[30] US (09/310,249) 1999-05-12

[21] **2,308,081**
[13] A1

[51] **Int.Cl. 7H04L 1/22 7H04L 12/24**
[25] EN
[54] **FAULT PROTECTION FOR
HITLESS AND ERRORLESS
SWITCHING OF
TELECOMMUNICATIONS SIGNALS**
[54] **PROTECTION CONTRE LES
DERANGEMENTS POUR LA
COMMUTATION SANS A-COUPS ET
SANS ERREURS DE SIGNAUX DE
TELECOMMUNICATION**
[72] CASTRO, PETER RAYMOND, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-05-11
[43] 2000-11-13
[30] US (09/311,369) 1999-05-13

[21] **2,308,083**
[13] A1

[51] **Int.Cl. 7F16L 9/14 7B32B 5/02**
[25] EN
[54] **COATED AIR DUCT INSULATION
SHEETS AND THE LIKE AND THE
METHOD OF COATING SUCH SHEETS**
[54] **METHODE D'ENDUCTION DE
FEUILLES D'ISOLATION POUR
CONDUIT D'AIR ET MATERIEL
SEMBLABLE**
[72] RYAN, KIMBERLY NOEL, US
[72] TERRY, JAMES R., US
[72] MATTHEWS, KENT R., US
[72] MITCHELL, THOMAS LOUIS, US
[71] JOHNS MANVILLE
INTERNATIONAL, INC., US
[22] 2000-05-11
[43] 2000-11-14
[30] US (09/312,097) 1999-05-14

[21] **2,308,097**
[13] A1

[51] **Int.Cl. 7B30B 15/26 7B30B 9/30**
[25] EN
[54] **CONTROL SYSTEM FOR TRASH
COMPACTION APPARATUS
INCLUDING OPERATOR
IDENTIFICATION AND
AUTHORIZATION FEATURES**
[54] **SYSTEME DE COMMANDE DE
COMPACTEUR DE DECHETS A
FONCTIONS D'IDENTIFICATION DE
L'OPERATEUR ET D'AUTORISATION
D'UTILISATION**
[72] HARROP, SHANNON, US
[71] J.V. MANUFACTURING, INC., US
[22] 2000-05-11
[43] 2000-11-12
[30] US (09/310,533) 1999-05-12

[21] **2,308,098**
[13] A1

[51] **Int.Cl. 7E04B 1/38 7F16B 1/00**
[25] EN
[54] **FASTENING MEMBER**
[54] **ELEMENT DE FIXATION**
[72] WATANABE, MORIMICHI, JP
[71] NICHIHA CORPORATION, JP
[22] 2000-05-11
[43] 2000-11-12
[30] JP (131340/1999) 1999-05-12
[30] JP (222735/1999) 1999-08-05

[21] **2,308,099**
[13] A1

[51] **Int.Cl. 7G01N 31/22**
[25] EN
[54] **CHEMICAL INDICATOR**
[54] **INDICATEUR CHIMIQUE**
[72] LIN, SZU-MIN, US
[72] HUI, HENRY K., US
[72] ENDO, PASCALE D., US
[72] KOHLI, NITU, US
[72] LIPPOLD, THOMAS G., US
[71] ETHICON, INC., US
[22] 2000-05-11
[43] 2000-11-14
[30] US (09/312,195) 1999-05-14

[21] **2,308,103**
[13] A1

[51] **Int.Cl. 7H04L 12/64 7H04B 7/185**
[25] EN
[54] **TECHNIQUE FOR LOAD
BALANCING INTERNET TRAFFIC
OVER A HYBRID ASYMMETRIC
SATELLITE-TERRESTRIAL
NETWORK**
[54] **TECHNIQUE D'EQUILIBRAGE DU
TRAFIC INTERNET SUR UN RESEAU
HYBRIDE ASYMETRIQUE DE
TELECOMMUNICATIONS PAR
SATELLITE/DE TERRE.**
[72] RAGLAND, RODERICK, US
[72] ROY, SATYAJIT, US
[72] OLARIU, GABRIEL, US
[72] DILLON, DOUGLAS M., US
[71] HUGHES ELECTRONICS
CORPORATION, US
[22] 2000-05-10
[43] 2000-11-12
[30] US (60/133,732) 1999-05-12
[30] US (09/498,840) 2000-02-04

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[21] **2,308,106**
[13] A1
[51] **Int.Cl. 7H04J 3/02**
[25] EN
[54] **DATA COMMUNICATION SYSTEM AND TIME SLOT ALLOCATING METHOD**
[54] **SYSTEME DE TRANSMISSION DE DONNEES ET METHODE D'ATTRIBUTION D'INTERVALLES DE TEMPS.**
[72] MIZUHARA, BUN, JP
[71] NEC CORPORATION, JP
[22] 2000-05-10
[43] 2000-11-12
[30] JP (11-131226) 1999-05-12

[21] **2,308,131**
[13] A1
[51] **Int.Cl. 7F02K 1/12 7B05B 1/00**
[25] EN
[54] **EXIT CONTROL MECHANISM FOR CONVERGENT DIVERGENT NOZZLES**
[54] **MECANISME DE COMMANDE D'EJECTION POUR TUYERES CONVERGENTES-DIVERGENTES**
[72] ELORRIAGA VICARIO, JAVIER, ES
[71] INDUSTRIA DE TURBO PROPULSORES, S.A., ES
[22] 2000-05-12
[43] 2000-11-13
[30] EP (99500079.1) 1999-05-13

[21] **2,308,132**
[13] A1
[51] **Int.Cl. 7F16B 2/08**
[25] EN
[54] **CLAMPING APPARATUS**
[54] **DISPOSITIF DE FIXATION**
[72] LENOX, WALTER WILLIAM, US
[71] A. J. GERRARD & COMPANY, US
[22] 2000-05-12
[43] 2000-11-14
[30] US (09/312,532) 1999-05-14

[21] **2,308,185**
[13] A1
[51] **Int.Cl. 7H04M 3/22 7H04B 3/06**
[25] EN
[54] **POWER CONTROL DATA DELIVERY CONSISTENCY IN COPPER PLANT**
[54] **COHERENCE DE TRANSMISSION DES DONNEES DE COMMANDE DE PUISSANCE SUR UN RESEAU DE FILS DE CUIVRE**
[72] GETCHELL, WAYNE RAYMOND, CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-05-12
[43] 2000-11-17
[30] US (09/312,840) 1999-05-17

[21] **2,308,192**
[13] A1
[51] **Int.Cl. 7C07H 19/06 7C07H 19/052 7C07H 19/16 7A61P 31/18 7C07H 19/23 7A61K 31/437 7A61K 31/7064**
[25] EN
[54] **4'-C-ETHYNYL PYRIMIDINE NUCLEOSIDE COMPOUNDS**
[54] **COMPOSES NUCLEOSIDES DE 4'-C-ETHYNYL PYRIMIDINE**
[72] OHRUI, HIROSHI, JP
[72] KOHGO, SATORU, JP
[72] MITSUYA, HIROAKI, JP
[72] SHIGETA, SHIRO, JP
[72] MACHIDA, HARUHIKO, JP
[72] KODAMA, EIICHI, JP
[71] YAMASA CORPORATION, JP
[22] 2000-05-12
[43] 2000-11-12
[30] JP (131539/1999) 1999-05-12
[30] JP (174920/1999) 1999-06-22
[30] JP (318426/1999) 1999-11-09
[30] JP (81117/2000) 2000-03-23

[21] **2,308,205**
[13] A1
[51] **Int.Cl. 7C23F 11/10 7C23C 22/78**
[25] EN
[54] **METAL SURFACE TREATMENT AGENTS AND METHODS OF TREATING METAL SURFACES AND PRE-COATED STEEL SHEETS**
[54] **AGENTS DE TRAITEMENT DE SURFACES METALLIQUES ET METHODES DE TRAITEMENT DE SURFACES METALLIQUES ET DE TOLES D'ACIER A PRECOUCHE**
[72] INOUE, TADAYOSHI, JP
[72] NAKAZATO, MICHIAKI, JP
[72] HOSONO, TETSUO, JP
[71] METAL COATINGS INTERNATIONAL INC., US
[22] 2000-05-12
[43] 2000-11-14
[30] US (09/312,390) 1999-05-14

[21] **2,308,229**
[13] A1
[51] **Int.Cl. 7B65D 33/25 7B65D 33/34**
[25] EN
[54] **RECLOSABLE CLOSURE ARRANGEMENT HAVING A TAMPER-EVIDENT STRUCTURE AND RECLOSABLE PROFILES; AND METHODS**
[54] **FERMETURE REUTILISABLE A STRUCTURE INVOLABLE ET PROFILS DE FERMETURE REUTILISABLES, ET METHODES DE FERMETURE**
[72] CUSTER, RICHARD G., US
[71] REYNOLDS CONSUMER PRODUCTS, INC., US
[22] 2000-05-12
[43] 2000-11-14
[30] US (60/134,279) 1999-05-14
[30] US (UNKNOWN) 2000-05-10

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[21] **2,308,231**
[13] A1

[51] **Int.Cl. 7H04L 12/18**
[25] EN
[54] **MULTICAST SCHEDULING FOR A NETWORK DEVICE**
[54] **ORDONNANCEMENT MULTIDESTINATION POUR UN DISPOSITIF DE RESEAU**
[72] ANGLE, RICHARD L., US
[72] LADWIG, GEOFFREY B., US
[72] YIN, NANYING, US
[72] JAGANNATH, SHANTIGRAM V., US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-05-12
[43] 2000-11-14
[30] US (09/311,942) 1999-05-14

[21] **2,308,233**
[13] A1

[51] **Int.Cl. 7H04L 12/18**
[25] EN
[54] **MULTICAST AND UNICAST SCHEDULING FOR A NETWORK DEVICE**
[54] **ORDONNANCEMENT MULTIDESTINATION ET UNIDESTINATION POUR UN DISPOSITIF DE RESEAU**
[72] ANGLE, RICHARD L., US
[72] JAGANNATH, SHANTIGRAM V., US
[72] YIN, NANYING, US
[72] LADWIG, GEOFFREY B., US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-05-12
[43] 2000-11-14
[30] US (09/311,834) 1999-05-14

[21] **2,308,243**
[13] A1

[51] **Int.Cl. 7H04L 12/18**
[25] EN
[54] **PROGRAMMABLE MULTICAST SCHEDULING FOR A NETWORK DEVICE**
[54] **ORDONNANCEMENT MULTIDESTINATION PROGRAMMABLE POUR UN DISPOSITIF DE RESEAU**
[72] YIN, NANYING, US
[72] LADWIG, GEOFFREY B., US
[72] JAGANNATH, SHANTIGRAM V., US
[72] ANGLE, RICHARD L., US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-05-12
[43] 2000-11-14
[30] US (09/311,833) 1999-05-14

[21] **2,308,244**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/56**
[25] EN
[54] **MIB INTEGRATIVE MANAGEMENT METHOD FOR AN ATM SERVER**
[54] **METHODE DE GESTION D'INTEGRATION DE BASE D'INFORMATION DE GESTION POUR UN SERVEUR ATM**
[72] JINNAI, MASAHIRO, JP
[72] HARA, MINORI, JP
[71] NEC CORPORATION, JP
[22] 2000-05-12
[43] 2000-11-14
[30] JP (135008/1999) 1999-05-14

[21] **2,308,264**
[13] A1

[51] **Int.Cl. 7E05B 65/19**
[25] EN
[54] **RELEASING VEHICLE TRUNK LID LATCH FROM THE INTERIOR**
[54] **MECANISME DE DEVERROUILLAGE PAR L'INTERIEUR DU COUVERCLE D'UN COFFRE DE VEHICULE**
[72] DITULLIO, MARC J., US
[72] TOMCZAK, LAWRENCE, US
[72] MARTUS, CHARLES R., US
[71] EATON CORPORATION, US
[22] 2000-05-05
[43] 2000-11-12
[30] US (09/310,474) 1999-05-12

[21] **2,308,323**
[13] A1

[51] **Int.Cl. 7A61K 31/495 7A61K 45/06 7A61P 25/06**
[25] EN
[54] **5HT1 RECEPTOR AGONISTS AND EITHER A COX-2 INHIBITOR OR NSAID FOR THE TREATMENT OF MIGRAINE**
[54] **AGONISTES DU RECEPTEUR 5HT1 COMBINES SOIT AVEC UN INHIBITEUR DE COX-2 SOIT AVEC UN AINS POUR TRAITER LA MIGRAINE**
[72] SANDS, GEORGE HARRY, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-05-12
[43] 2000-11-14
[30] US (60/134,311) 1999-05-14

[21] **2,308,329**
[13] A1

[51] **Int.Cl. 7A47J 31/00**
[25] EN
[54] **A COFFEE MACHINE ASSEMBLY**
[54] **MACHINE A CAFE**
[72] SCHMED, ARTHUR, CH
[71] FIANARA INTERNATIONAL B.V., NL
[22] 2000-05-11
[43] 2000-11-12
[30] CH (1999 0910/99) 1999-05-12

[21] **2,308,339**
[13] A1

[51] **Int.Cl. 7B65D 33/25 7B65D 33/34**
[25] EN
[54] **SIDE CLOSURE ARRANGEMENT WITH SLIDER DEVICE HAVING A TAMPER EVIDENT STRIP, AND METHODS**
[54] **FERMETURE LATERALE A CURSEUR DOTEE D'UNE BANDE INVOLABLE, ET METHODES DE FERMETURE**
[72] BUCHMAN, JAMES E., US
[71] REYNOLDS CONSUMER PRODUCTS, INC., US
[22] 2000-05-11
[43] 2000-11-14
[30] US (60/134,280) 1999-05-14
[30] US (UNKNOWN) 2000-05-04

[21] **2,308,340**
[13] A1

[51] **Int.Cl. 7B65D 33/25 7B65D 33/34**
[25] EN
[54] **SIDE CLOSURE ARRANGEMENT WITH SLIDER DEVICE HAVING A TAMPER EVIDENT STRIP, AND METHODS**
[54] **FERMETURE LATERALE A CURSEUR DOTEE D'UNE BANDE INVOLABLE, ET METHODES DE FERMETURE**
[72] BUCHMAN, JAMES E., US
[71] REYNOLDS CONSUMER PRODUCTS, INC., US
[22] 2000-05-11
[43] 2000-11-14
[30] US (60/134,351) 1999-05-14
[30] US (UNKNOWN) 2000-05-04

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[21] **2,308,341**
[13] A1

[51] **Int.Cl. 7B65D 33/25 7B65D 33/34**
[25] EN
[54] **RECLOSABLE CLOSURE ARRANGEMENT HAVING ENCAPSULATED ZIPPER CLOSURE, RECLOSABLE PROFILES, AND SLIDER DEVICE; AND METHODS**
[54] **FERMETURE REUTILISABLE A GLISSIERE ENCAPSULEE, PROFILS DE FERMETURE REUTILISABLES ET CURSEUR, ET METHODES DE FERMETURE**
[72] CUSTER, RICHARD G., US
[71] REYNOLDS CONSUMER PRODUCTS, INC., US
[22] 2000-05-11
[43] 2000-11-14
[30] US (60/134,282) 1999-05-14
[30] US (UNKNOWN) 2000-05-04

[21] **2,308,342**
[13] A1

[51] **Int.Cl. 7A61F 13/472**
[25] EN
[54] **ABSORBENT INTERLABIAL ARTICLE**
[54] **ARTICLE ABSORBANT INTERLABIAL**
[72] SARTORIO, ANTHONY T., US
[72] HOLLIDAY, CHRISTOPHER MCDONALD, US
[71] MCNEIL-PPC, INC., US
[22] 2000-05-11
[43] 2000-11-12
[30] US (09/310,296) 1999-05-12

[21] **2,308,346**
[13] A1

[51] **Int.Cl. 7H01M 4/38 7H01M 10/44**
[25] EN
[54] **POSITIVE ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE ACTIVE MATERIAL COMPOSITION AND LITHIUM ION SECONDARY BATTERY**
[54] **MATERIAU ACTIF POUR ELECTRODE POSITIVE, COMPOSITION ACTIVE POUR ELECTRODE POSITIVE ET PILE SECONDAIRE A ION LITHIUM**
[72] KIZU, KENICHI, JP
[72] MORIUCHI, KEN, JP
[72] GOSHO, ITARU, JP
[72] TATEISHI, KAZUYUKI, JP
[72] ZUSHI, TOSHIHIRO, JP
[72] KAMAUCHI, MASAHIRO, JP
[72] ASANO, MITSUHIRO, JP
[71] MITSUBISHI CABLE INDUSTRIES, LTD., JP

[22] 2000-05-12
[43] 2000-11-14
[30] JP (133497/1999) 1999-05-14
[30] JP (219326/1999) 1999-08-02
[30] JP (223089/1999) 1999-08-05
[30] JP (238785/1999) 1999-08-25
[30] JP (290300/1999) 1999-10-12
[30] JP (324602/1999) 1999-11-15

[21] **2,308,351**
[13] A1

[51] **Int.Cl. 7E05B 17/00**
[25] EN
[54] **ROLLER GUIDE FOR A DEADBOLT**
[54] **GUIDAGE A ROULEAUX POUR PENE DORMANT**
[72] NIGRO, DANIEL N., JR., US
[72] SILLER, EUGENE KARL, US
[71] VON DUPRIN, INC., US
[22] 2000-05-12
[43] 2000-11-12
[30] US (60/134,013) 1999-05-12

[21] **2,308,353**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/26**
[25] EN
[54] **BACKPRESSURE MECHANISM FOR A NETWORK DEVICE**
[54] **MECANISME A CONTRE-PRESSION POUR UN DISPOSITIF DE RESEAU**
[72] ANGLE, RICHARD L., US
[72] LADWIG, GEOFFREY B., US
[72] JAGANNATH, SHANTIGRAM V., US
[72] YIN, NANYING, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-05-12
[43] 2000-11-14
[30] US (09/311,995) 1999-05-14

[21] **2,308,355**
[13] A1

[51] **Int.Cl. 7H04N 7/08 7H04L 12/56**
[25] EN
[54] **ENCODED AUDIO-VIDEO STREAM REMULTIPLEXING EQUIPMENT**
[54] **EQUIPEMENT DE REMULTIPLEXAGE DE FLUX AUDIO-VIDEO CODES**
[72] PILATI, LUCIANO, IT
[72] TUROLA, MAURA, IT
[72] MONTANARO, ACHILLE, IT
[72] MORI, LUIGI, IT
[71] ITALTEL SPA, IT
[71] CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A., IT
[71] SIEMENS INFORMATION AND COMMUNICATION NETWORKS S.P.A., IT
[22] 2000-05-12
[43] 2000-11-13
[30] IT (T099A 000394) 1999-05-13

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[21] **2,308,360**
[13] A1

[51] **Int.Cl. 7B41L 21/00 7B41F 21/00 7B41L 5/00**
[25] EN
[54] **MATERIAL ADVANCE TRACKING SYSTEM**
[54] **SYSTEME DE POURSUITE D'AVANCE DE SUPPORT**
[72] WEBSTER, RONALD, US
[72] GUCKIN, MARK E., US
[72] RICH, LEONARD G., US
[71] GERBER SCIENTIFIC PRODUCTS, INC., US
[22] 2000-05-12
[43] 2000-11-13
[30] US (09/ 311,167) 1999-05-13

[21] **2,308,364**
[13] A1

[51] **Int.Cl. 7H04R 1/08**
[25] EN
[54] **HEADBAND FOR REVERSIBLE MOUNTING OF HEADSETS**
[54] **SERRE-TETE POUR MONTAGE INVERSE D'ECOUTEURS**
[72] LYMAN, STEPHEN T., US
[72] MACDONALD, JAMES, US
[72] DEPIANO, JOHN JR., US
[72] HEINZ, ROY, US
[71] GT NETCOM/UNEX, INC., US
[22] 2000-05-12
[43] 2000-11-14
[30] US (09/312443) 1999-05-14

[21] **2,308,518**
[13] A1

[51] **Int.Cl. 7B65D 33/25 7B65D 33/34**
[25] EN
[54] **PACKAGE WITH A ZIPPER CLOSURE ARRANGEMENT OPERABLE BY A SLIDER DEVICE AND HAVING A PEELABLE SEAL**
[54] **EMBALLAGE A FERMETURE A GLISSIERE COMPRENANT UNE PELLICULE DE SCELLAGE**
[72] CUSTER, RICHARD G., US
[71] REYNOLDS CONSUMER PRODUCTS, INC., US
[22] 2000-05-12
[43] 2000-11-14
[30] US (60/134,278) 1999-05-14
[30] US (UNKNOWN) 2000-05-10

[21] **2,308,362**
[13] A1

[51] **Int.Cl. 7B65D 33/25 7B65D 33/34**
[25] EN
[54] **RESEALABLE CLOSURE ARRANGEMENT WITH SIDE TAMPER EVIDENT STRIP FOR USE WITH A SLIDER DEVICE**
[54] **OUVERTURE D'EMBALLAGE REFERMABLE MUNIE D'UNE BANDE TMOIN D'OUVERTURE A UTILISER AVEC UNE GLISSIERE**
[72] BUCHMAN, JAMES E., US
[71] REYNOLDS CONSUMER PRODUCTS, INC., US
[22] 2000-05-12
[43] 2000-11-14
[30] US (60/134,283) 1999-05-14
[30] US (UNKNOWN) 2000-05-10

[21] **2,308,439**
[13] A1

[51] **Int.Cl. 7A61M 5/315**
[25] EN
[54] **SYRINGE PUMPS**
[54] **POUSSE-SERINGUES**
[72] COBB, ANTHONY RICHARD, GB
[71] SMITHS INDUSTRIES PUBLIC LIMITED COMPANY, GB
[22] 2000-05-11
[43] 2000-11-12
[30] GB (9910985.2) 1999-05-12

[21] **2,308,526**
[13] A1

[51] **Int.Cl. 7H02J 1/14 7H02J 9/00 7H02J 13/00**
[25] EN
[54] **RESISTANCE AND CHARGING MONITOR WITHIN A STANDBY BATTERY BANK**
[54] **MONITEUR DE RESISTANCE ET DE CHARGE DANS UN GROUPE DE BATTERIES DE RESERVE**
[72] JAMES, DONALD E., CA
[72] GUNTORPE, GARY E., CA
[71] DELTATEE ENTERPRISES LTD., CA
[22] 2000-05-11
[43] 2000-11-13
[30] US (09/311,123) 1999-05-13

[21] **2,308,363**
[13] A1

[51] **Int.Cl. 7B65D 33/25 7B65D 33/34**
[25] EN
[54] **RECLOSABLE CLOSURE ARRANGEMENT HAVING PEEL SEAL, RECLOSABLE PROFILES, AND SLIDER DEVICE; AND METHODS**
[54] **OUVERTURE D'EMBALLAGE REFERMABLE COMPRENANT UNE PELLICULE DE SCELLAGE, DES PROFILS REFERMABLES ET UNE GLISSIERE; ET METHODES**
[72] CUSTER, RICHARD G., US
[71] REYNOLDS CONSUMER PRODUCTS, INC., US
[22] 2000-05-12
[43] 2000-11-14
[30] US (60/134,354) 1999-05-14
[30] US (UNKNOWN) 2000-05-10

[21] **2,308,515**
[13] A1

[51] **Int.Cl. 7F16K 17/06**
[25] EN
[54] **MODULATING RELIEF VALVE**
[54] **SOUPAPE DE DECHARGE MODULATRICE**
[72] TAYLOR, WESLEY L., US
[71] IN LIVING TRUST OF ELEANOR A. TAYLOR, US
[22] 2000-05-12
[43] 2000-11-14
[30] US (09/312,362) 1999-05-14

[21] **2,308,527**
[13] A1

[51] **Int.Cl. 7C07C 211/55 7C07C 239/10 7C07C 209/40**
[25] EN
[54] **A PROCESS FOR PREPARING (4-NITROSOPHENYL) PHENYLHYDROXYLAMINE**
[54] **UN PROCEDE DE PREPARATION DE LA (4-NITROSOPHENYL)-PHENYLHYDROXYLAMINE**
[72] OOMS, PIETER, DE
[72] SCHELHAAS, MICHAEL, DE
[72] MEIERS, MICHAELA, DE
[72] LAUE, CHRISTIAN, DE
[72] CASSER, CARL, DE
[72] BRAUN, GERHARD, DE
[72] GIERA, HENRY, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-05-11
[43] 2000-11-14
[30] DE (19922405.6) 1999-05-14

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[21] **2,308,531**
[13] A1

[51] **Int.Cl. 7B65G 39/12 7B65G 13/00 7B65G 13/12 7B60P 1/52**
[25] EN
[54] **RETRACTABLE ROLLER SYSTEM FOR HANDLING CARGO**
[54] **SYSTEME DE ROULEAUX ESCAMOTABLES POUR LA MANUTENTION DE MARCHANDISES**
[72] LANGSTON, FRANCES J., US
[72] GRAF, MICHAEL, US
[71] ANCRA INTERNATIONAL LLC, US
[22] 2000-05-15
[43] 2000-11-17
[30] US (09/313,310) 1999-05-17

[21] **2,308,532**
[13] A1

[51] **Int.Cl. 7A61K 31/66 7A61P 19/00**
[25] EN
[54] **USE OF BISPHOSPHONATES FOR THE TREATMENT OF OSTEOGENESIS IMPERFECTA**
[54] **EMPLOI DE BISPHOSPHONATES POUR TRAITER L'OSTEOGENESE IMPARFAITE**
[72] ROLDAN, EMILIO J.A., AR
[72] LLORET, ANIBAL PEREZ, AR
[71] GADOR S.A., AR
[22] 2000-05-11
[43] 2000-11-12
[30] AR (P 99 01 02331) 1999-05-12

[21] **2,308,533**
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04M 3/22 7H04L 12/24**
[25] EN
[54] **METHOD AND APPARATUS FOR AN OPTIMIZED DIGITAL SUBSCRIBER LOOP ACCESS MULTIPLEXER**
[54] **METHODE ET APPAREIL POUR UN MULTIPLEXEUR NUMERIQUE OPTIMISE D'ACCES AUX LIGNES D'ABONNES**
[72] BRADSHAW, JOHN RICHARD, CA
[72] LOEWEN, JONATHAN DAVID, CA
[72] BROWN, JEFFERY JOHN, CA
[71] PMC-SIERRA, INC., CA
[22] 2000-05-15
[43] 2000-11-14
[30] US (60/134,119) 1999-05-14
[30] US (60/134,959) 1999-05-19
[30] US (60/136,680) 1999-05-28

[21] **2,308,544**
[13] A1

[51] **Int.Cl. 7H04R 3/00 7H04M 1/20**
[25] EN
[54] **CLICK FREE MUTE SWITCH CIRCUIT FOR TELEPHONES**
[54] **CIRCUIT DE REGLAGE SILENCIEUX SANS CLIC POUR TELEPHONES**
[72] KING, LAWRENCE, CA
[71] MITEL CORPORATION, CA
[22] 2000-05-15
[43] 2000-11-17
[30] GB (9911433.2) 1999-05-17

[21] **2,308,552**
[13] A1

[51] **Int.Cl. 7B28B 1/32**
[25] EN
[54] **FLUID SPRAY APPARATUS AND METHOD FOR SMOOTH SURFACE GYPSUM FIBERBOARD PANELS**
[54] **APPAREIL ET METHODE DE PULVERISATION DE FLUIDE POUR OBTENIR UNE SURFACE UNIE SUR LES PANNEAUX DE FIBRES ET DE GYPSE**
[72] SONG, WEIXIN DAVID, US
[72] MILLER, DAVID PAUL, US
[71] UNITED STATES GYPSUM COMPANY, US
[22] 2000-05-16
[43] 2000-11-17
[30] US (09/312,471) 1999-05-17
[30] US (09/314,097) 1999-05-18

[21] **2,308,556**
[13] A1

[51] **Int.Cl. 7A21D 13/00 7A23L 1/10**
[25] EN
[54] **SOFT FULLY BAKED BREADSTICKS**
[54] **PAINS BATONS MOUS ENTIEREMENT CUITS**
[72] RODE, MARY AMANDA, US
[72] FORNECK, KEITH DANIEL, US
[71] KRAFT FOODS, INC., US
[22] 2000-05-16
[43] 2000-11-17
[30] US (134,570) 1999-05-17

[21] **2,308,557**
[13] A1

[51] **Int.Cl. 7A21D 13/00 7A23L 1/10**
[25] EN
[54] **DEEP DISH PIZZA CRUST**
[54] **CROUTE A PIZZA PROFONDE**
[72] FORNECK, KEITH DANIEL, US
[72] RODE, MARY AMANDA, US
[72] PAULOS, WILLIAM THEODORE, US
[71] KRAFT FOODS, INC., US
[22] 2000-05-16
[43] 2000-11-17
[30] US (134,569) 1999-05-17

[21] **2,308,558**
[13] A1

[51] **Int.Cl. 7B65D 85/72**
[25] EN
[54] **PACKAGING SYSTEM FOR MEAL KIT**
[54] **SYSTEME D'EMBALLAGE DE NECESSAIRE A REPAS**
[72] FELDMEIERS, DANIEL ROBERT, US
[71] KRAFT FOODS, INC., US
[22] 2000-05-16
[43] 2000-11-17
[30] US (09/499,764) 2000-02-08
[30] US (60/134,569) 1999-05-17
[30] US (60/134,570) 1999-05-17

[21] **2,308,569**
[13] A1

[51] **Int.Cl. 7A63B 59/14**
[25] EN
[54] **HOCKEY STICK HANDLE**
[54] **POIGNEE POUR BATON DE HOCKEY**
[72] BRODIE, MALCOLM JOHN, CA
[71] STICKHANDLERS ENTERPRISES INC., CA
[22] 2000-05-15
[43] 2000-11-17
[30] US (09/312,912) 1999-05-17

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[21] **2,308,589**
[13]

[51] **Int.Cl. 7A22C 17/02**
[25] EN
[54] **AUTOMATIC MACHINE FOR DEBONING ANIMAL PARTS USING CUTTING MEANS COMPRISING A FLUID JET**
[54] **DESOSSEUSE AUTOMATIQUE DE QUARTIERS DE BETAÏL PAR DECOUPAGE A PULVERISATION D'EAU**
[72] GUERZE, WERNER, IT
[72] PANCIROLI, LUCIANO, IT
[72] BIASSETTI, MARCO, IT
[71] M.B.A. S.R.L., IT
[22] 2000-05-16
[43] 2000-11-18
[30] IT (MI99A 1082) 1999-05-18
[30] IT (MI2000A 910) 2000-04-21

[21] **2,308,597**
[13] A1

[51] **Int.Cl. 7B60D 1/02 7B60D 1/28**
[25] EN
[54] **HITCH PIN WITH LOCKING LEVER**
[54] **PIVOT D'ATTELAGE A LEVIER DE VERROUILLAGE**
[72] PETER, JEFFREY, US
[71] LOCKEASE CORP., US
[22] 2000-05-16
[43] 2000-11-17
[30] US (09/313,096) 1999-05-17

[21] **2,308,601**
[13]

[51] **Int.Cl. 7F17C 13/04 7F16K 47/00 7F16K 17/20**
[25] EN
[54] **GAS PRESSURE CONTROL APPARATUS**
[54] **PRESSURISATEUR DE GAZ**
[72] BOSNIK, DOUGLAS A., US
[72] GREENE, DAVID R., US
[72] BYRD, DOUGLAS S., US
[72] CRAMPTON, BYRON A., US
[71] WESTERN/SCOTT FETZER COMPANY, US
[22] 2000-05-15
[43] 2000-11-18
[30] US (09/313,454) 1999-05-18

[21] **2,308,653**
[13] A1

[51] **Int.Cl. 7H04R 11/14 7H04M 3/02 7H04Q 7/32**
[25] EN
[54] **VIBRATION ACTUATOR AND MOBILE COMMUNICATION TERMINAL**
[54] **ACTIONNEUR DE VIBRATIONS ET TERMINAL DE RESEAU MOBILE**
[72] SUZUKI, FUMIHIRO, JP
[71] TOKIN CORPORATION, JP
[22] 2000-05-17
[43] 2000-11-17
[30] JP (136200/1999) 1999-05-17
[30] JP (159210/1999) 1999-06-07

[21] **2,308,655**
[13] A1

[51] **Int.Cl. 7B28B 21/52 7E04H 12/28**
[25] EN
[54] **A PROCESS FOR MANUFACTURING A CERAMIC INTERNAL PIPE FOR A CHIMNEY, WHICH INTERNAL PIPE ELEMENT HAS REBATES AT ITS PIPE ENDS**
[54] **PROCEDE DE FABRICATION D'UN CONDUIT INTERNE DE CHEMINEE EN CERAMIQUE, LE CONDUIT INTERNE ETANT MUNI DE FEUILLURES A SES EXTREMITES**
[72] PLEIN, MICHAEL J., DE
[71] JACOB PLEIN-WAGNER SOHNE STEINZEUGWARENFABRIK GMBH & CO. KG, DE
[22] 2000-05-16
[43] 2000-11-17
[30] DE (199 22 096.4) 1999-05-17

[21] **2,308,656**
[13] A1

[51] **Int.Cl. 7B23D 45/00**
[25] EN
[54] **SAW FOR CUTTING HARD MATERIALS**
[54] **SCIE SERVANT A COUPER LES MATERIAUX DURS**
[72] PLUNGER, BERNHARD, AT
[72] SELB, MICHAEL, AT
[72] SCHITTL, JOSEF, AT
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2000-05-16
[43] 2000-11-17
[30] DE (199 22 086.7) 1999-05-17

[21] **2,308,665**
[13]

[51] **Int.Cl. 7F04B 17/03 7F04C 18/16**
[25] EN
[54] **DISPLACEMENT MACHINE FOR COMPRESSIBLE MEDIA**
[54] **MACHINE MOBILE POUR MILIEU COMPRESSIBLE**
[72] KOSTERS, HEINER, DE
[71] STERLING FLUID SYSTEMS (GERMANY) GMBH, DE
[22] 2000-05-15
[43] 2000-11-18
[30] EP (99 109 792.4) 1999-05-18

[21] **2,308,670**
[13] A1

[51] **Int.Cl. 7F16B 2/20 7E04H 15/64**
[25] EN
[54] **UTILITY CLIP**
[54] **PINCE DE MANUTENTION**
[72] LOMBARDI, JEREMY, CA
[71] LOMBARDI, JEREMY, CA
[22] 2000-05-17
[43] 2000-11-17
[30] US (60/134506) 1999-05-17

[21] **2,308,676**
[13] A1

[51] **Int.Cl. 7H02G 11/02 7A01K 3/00 7B65H 75/44**
[25] EN
[54] **REEL FOR DISPENSING AND COLLECTING ELECTRIFIED WIRE**
[54] **ENROULEUR SERVANT A DISTRIBUER ET A RECUPERER DES FILS SOUS TENSION**
[72] LEVINE, PAUL A., US
[72] LEVINE, KRISTEN M., US
[71] LEVINE, PAUL A., US
[71] LEVINE, KRISTEN M., US
[22] 2000-05-17
[43] 2000-11-17
[30] US (09/313,481) 1999-05-17

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[21] **2,308,677**
[13] A1
[51] **Int.Cl. 7C07H 19/16 7A61P 31/18
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7076**
[25] EN
[54] **4'-C-ETHYNYL PURINE
NUCLEOSIDE COMPOUNDS**
[54] **COMPOSES NUCLEOSIDES DE 4'-
C-ETHYNYL PURINE**
[72] MITSUYA, HIROAKI, JP
[72] KOHGO, SATORU, JP
[72] KODAMA, EIICHI, JP
[72] KITANO, KENJI, JP
[72] OHRUI, HIROSHI, JP
[72] MATSUOKA, MASAO, JP
[71] YAMASA CORPORATION, JP
[22] 2000-05-12
[43] 2000-11-12
[30] JP (131539/1999) 1999-05-12
[30] JP (174920/1999) 1999-06-22
[30] JP (318246/1999) 1999-11-09
[30] JP (81117/2000) 2000-03-23

[21] **2,308,681**
[13]
[51] **Int.Cl. 7G06F 12/08 7G06F 15/167
7G06F 17/30**
[25] EN
[54] **METHOD AND APPARATUS FOR
STORAGE OR DATA**
[54] **METHODE ET APPAREILLAGE
DE STOCKAGE DE DONNEES**
[72] SHAATH, KAMEL, CA
[71] KOM INC., CA
[22] 2000-05-17
[43] 2000-11-18
[30] US (09/313,181) 1999-05-18

[21] **2,308,682**
[13]
[51] **Int.Cl. 7D21F 7/08**
[25] EN
[54] **EXPANDED FILM BASE
REINFORCEMENT FOR
PAPERMAKER'S BELTS**
[54] **RENFORT DE SUPPORT DE
PELLICULE EXPANSE POUR
COURROIES DE MACHINE A PAPIER**
[72] ROMANSKI, ERIC R., US
[71] ALBANY INTERNATIONAL CORP.,
US
[22] 2000-05-17
[43] 2000-11-18
[30] US (09/314,727) 1999-05-18

[21] **2,308,684**
[13]
[51] **Int.Cl. 7B24D 3/10**
[25] EN
[54] **A POLYCRYSTAL DIAMOND
TOOL**
[54] **UN OUTIL A PLUSIEURS
DIAMANTS**
[72] NAKAI, TETSUO, JP
[72] YOSHIDA, KATSUHITO, JP
[72] SHIRAIISHI, JUNICHI, JP
[71] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[22] 2000-05-17
[43] 2000-11-18
[30] JP (137281/1999) 1999-05-18

[21] **2,308,687**
[13]
[51] **Int.Cl. 7B29C 57/04 7B29D 23/00
7B29C 53/30**
[25] EN
[54] **APPARATUS FOR THE
MANUFACTURE OF CORRUGATED
PLASTIC PIPES**
[54] **DISPOSITIF DE FABRICATION DE
TUYAUX EN ONDULE PLASTIQUE**
[72] HEGLER, RALPH PETER, DE
[71] HEGLER, RALPH PETER, DE
[22] 2000-05-17
[43] 2000-11-18
[30] DE (199 22 726.8) 1999-05-18

[21] **2,308,688**
[13] A1
[51] **Int.Cl. 7F41G 1/54**
[25] EN
[54] **FIREARM SIGHT RECTIFIER**
[54] **CORRECTEUR DE MIRE D'ARME
A FEU**
[72] DE LA RONDE, MARC-ANDRÉ, CA
[71] DE LA RONDE, MARC-ANDRÉ, CA
[22] 2000-05-17
[43] 2000-11-17
[30] CA (2,272,169) 1999-05-17
[30] CA (2,285,815) 1999-10-13

[21] **2,308,692**
[13] A1
[51] **Int.Cl. 7E05B 65/10 7E05B 45/00**
[25] EN
[54] **EXIT DEVICE**
[54] **DISPOSITIF DE SORTIE DE
SECOURS**
[72] NIGRO, DANIEL N., JR., US
[72] SILLER, EUGENE KARL, US
[71] VON DUPRIN, INC., US
[22] 2000-05-12
[43] 2000-11-12
[30] US (60/134,014) 1999-05-12

[21] **2,308,714**
[13] A1
[51] **Int.Cl. 7F26B 3/06 7F26B 21/00**
[25] EN
[54] **USE OF MEMBRANE-DRIED AIR
FOR DRYING OF GRAIN AND OTHER
PARTICULATES**
[54] **UTILISATION D'AIR SECHE PAR
MEMBRANE POUR LE SECHAGE DES
GRAINS ET AUTRES PARTICULES**
[72] MUELLER, WAYNE, CA
[72] SMITH, KEVIN W., US
[71] CLEARWATER, INC., US
[22] 2000-05-16
[43] 2000-11-17
[30] US (09/313,082) 1999-05-17

[21] **2,308,730**
[13]
[51] **Int.Cl. 7B65D 51/22**
[25] EN
[54] **CONTAINER LID**
[54] **COUVERCLE DE CONTENANT**
[72] IWASAKI, YOSHIO, JP
[72] MORITA, AKIRA, JP
[72] MORI, HIROTSUGU, JP
[71] ISHIDA CO., LTD., JP
[22] 2000-05-17
[43] 2000-11-18
[30] JP (11-137024) 1999-05-18

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[21] **2,308,811**
[13] A1

[51] **Int.Cl. 7B65D 85/73 7B65B 61/20**
[25] EN
[54] **PACKAGING FOR BEVERAGE CONTAINING GAS IN SOLUTION**
[54] **EMBALLAGE DE BREUVAGES CONTENANT UNE SOLUTION GAZEUSE**
[72] FOREMAN, NIGEL, GB
[72] SARGEANT, VIVIEN, GB
[72] BANNISTER, MICHAEL, GB
[71] GUINNESS LIMITED, GB
[22] 2000-05-15
[43] 2000-11-17
[30] GB (9911454.8) 1999-05-17

[21] **2,308,817**
[13] A1

[51] **Int.Cl. 7C07D 213/73 7C07D 401/00 7C07D 405/00 7C07D 409/00 7C07D 413/00 7C07D 417/00 7C07D 213/75**
[25] EN
[54] **PROCESS FOR PREPARING 2-PHENYL-3-AMINOPYRIDINE SUBSTITUTED PHENYL DERIVATIVES THEREOF, AND SALTS THEREOF**
[54] **PROCEDE POUR PREPARER DU 2-PHENYLE-3-AMO ANOPYRIDINE, AINSI QUE DES DERIVES SUBSTITUES AU PHENYLE ET DES SELS DE CELUI-CI**
[72] CASTALDI, MICHAEL JAMES, US
[72] BRAISH, TAMIM FEHME, US
[72] CARON, STEPHANE, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-05-15
[43] 2000-11-17
[30] US (60/134,559) 1999-05-17

[21] **2,308,822**
[13]

[51] **Int.Cl. 7G02B 27/01**
[25] EN
[54] **PROCESS FOR ANTICIPATION AND TRACKING OF EYE MOVEMENT**
[54] **PROCESSUS POUR ANTICIPER ET SUIVRE LE MOUVEMENT DES YEUX**
[72] SKOLMOSKI, PHILIP, US
[71] EVANS & SUTHERLAND COMPUTER CORPORATION, US
[22] 2000-05-15
[43] 2000-11-18
[30] US (09/314,425) 1999-05-18

[21] **2,308,824**
[13] A1

[51] **Int.Cl. 7A61K 31/495 7A61K 45/06 7A61P 25/06 7A61K 31/41 7A61K 31/42**
[25] EN
[54] **COMBINATION THERAPY FOR THE TREATMENT OF MIGRAINE**
[54] **THERAPIE COMBINEE POUR LE TRAITEMENT DE LA MIGRAINE**
[72] SANDS, GEORGE HARRY, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-05-12
[43] 2000-11-14
[30] US (60/134,309) 1999-05-14

[21] **2,308,826**
[13] A1

[51] **Int.Cl. 7A61K 31/44 7A61K 45/06 7A61P 25/06 7A61K 31/395 7A61K 31/40 7A61K 31/495**
[25] EN
[54] **COMBINATION THERAPY FOR THE TREATMENT OF MIGRAINE**
[54] **THERAPIE COMBINEE POUR LE TRAITEMENT DE LA MIGRAINE**
[72] SANDS, GEORGE HARRY, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-05-12
[43] 2000-11-14
[30] US (60/134,312) 1999-05-14

[21] **2,308,828**
[13] A1

[51] **Int.Cl. 7B65D 41/34**
[25] EN
[54] **TAMPER-INDICATING CLOSURE AND METHOD OF MANUFACTURE**
[54] **SYSTEME DE FERMETURE DE CONTENANT COMPORTANT UN REVELATEUR DE MANIPULATION ET SA METHODE DE FABRICATION**
[72] NIESE, RICHARD B., US
[71] OWENS-ILLINOIS CLOSURE INC., US
[22] 2000-05-12
[43] 2000-11-17
[30] US (09/312,096) 1999-05-17

[21] **2,308,831**
[13] A1

[51] **Int.Cl. 7E05B 47/04**
[25] EN
[54] **IMPROVED ELECTRONIC LOCK**
[54] **VERROU ELECTRONIQUE AMELIORE**
[72] HOFENER, PAUL, US
[72] KUNTZ, SCOTT, US
[71] MILOCON CORPORATION, US
[22] 2000-05-12
[43] 2000-11-12
[30] US (60/133,872) 1999-05-12

[21] **2,308,832**
[13] A1

[51] **Int.Cl. 7C23C 16/44 7F17D 1/04 7H01L 21/205**
[25] EN
[54] **GAS DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DU GAZ**
[72] BARTHOLOMEW, LAWRENCE D., US
[72] YUH, SOON K., US
[72] CHAN, JEFFREY, US
[72] KING, MARK B., US
[72] STUMBO, GREGORY M., US
[71] SILICON VALLEY GROUP, THERMAL SYSTEMS LLC, US
[22] 2000-05-15
[43] 2000-11-17
[30] US (60/134,443) 1999-05-17
[30] US (09/494,620) 2000-01-31

[21] **2,308,864**
[13] A1

[51] **Int.Cl. 7G02B 7/00 7G01M 11/00**
[25] FR
[54] **PROCEDE ET DISPOSITIF POUR DETECTER LES ERREURS D'HARMONISATION DE L'AXE D'UN INSTRUMENT OPTIQUE**
[54] **PROCESS AND DEVICE FOR DETECTING AXIS HARMONIZATION ERRORS IN AN OPTICAL INSTRUMENT**
[72] CERUTTI-MAORI, GUY HENRI ABEL, FR
[72] MAUREL, GILLES, FR
[71] ALCATEL, FR
[22] 2000-05-09
[43] 2000-11-12
[30] FR (99 06 100) 1999-05-12

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[21] **2,308,869**
[13] A1

[51] **Int.Cl. 7F16B 2/12 7F16B 7/04 7B60R 9/045 7F16B 2/18**
[25] FR
[54] **DISPOSITIF DE MONTAGE COULISSANT NOTAMMENT POUR BARRE DE TOIT TRANSVERSALE**
[54] **ROOF CROSSBAR SLIDING ASSEMBLY DEVICE**
[72] RINGEARD, THIERRY, FR
[71] AUTOMAXI INDUSTRIES, FR
[22] 2000-05-12
[43] 2000-11-14
[30] FR (99 06 165) 1999-05-14

[21] **2,308,870**
[13]

[51] **Int.Cl. 7C07F 7/18 7C08F 110/02 7C08F 110/06**
[25] FR
[54] **POLYMERISATION DES OLEFINES EN PRESENCE DE DIALCOXYSILACYCLOHEXANES**
[54] **POLYMERIZATION OF OLEFINS IN THE PRESENCE OF DIALCOXYSILACYCLOHEXANES**
[72] GRISON, CLAUDE, FR
[72] BATT-COUTROT, DELPHINE, FR
[72] COUTROT, PHILIPPE, FR
[72] SAUDEMONT, THIERRY, FR
[72] MALINGE, JEAN, FR
[71] ATOFINA, FR
[22] 2000-05-11
[43] 2000-11-18
[30] FR (99 06 279) 1999-05-18

[21] **2,308,871**
[13]

[51] **Int.Cl. 7H05K 1/16 7H01F 27/00**
[25] FR
[54] **MICRO-COMPOSANTS DU TYPE MICRO-INDUCTANCE OU MICRO-TRANSFORMATEUR, ET PROCEDE DE FABRICATION DE TELS MICRO-COMPOSANTS**
[54] **MICRO-INDUCTANCE OR MICRO-TRANSFORMER MICRO-COMPONENTS, AND MANUFACTURING PROCESS FOR SUCH MICRO-COMPONENTS**
[72] VALENTIN, FRANCOIS, FR
[72] MHANI, AHMED, FR
[72] BASTERES, LAURENT, FR
[72] KARAM, JEAN-MICHEL, FR
[72] CHARRIER, CATHERINE, FR
[72] MARTIN, PATRICK, FR
[72] IMBERT, GUY, FR
[72] BOUCHON, ERIC, FR
[71] PLANHEAD-SILMAG PHS, SOCIETE ANONYME, FR
[71] MEMSCAP, SOCIETE ANONYME, FR
[22] 2000-05-11
[43] 2000-11-18
[30] FR (99 06433) 1999-05-18

[21] **2,308,872**
[13] A1

[51] **Int.Cl. 7G06F 12/16**
[25] FR
[54] **DISPOSITIF DE DETECTION D'ERREUR DANS UNE MEMOIRE ASSOCIEE A UN PROCESSEUR**
[54] **PROCESSOR MEMORY ERROR DETECTOR**
[72] MENARD, OLIVIER, FR
[71] ALCATEL, FR
[22] 2000-05-11
[43] 2000-11-17
[30] FR (99 06 200) 1999-05-17

[21] **2,308,873**
[13]

[51] **Int.Cl. 7A61K 7/48 7A61K 7/40**
[25] FR
[54] **UTILISATION D'AU MOINS UN INHIBITEUR D'AU MOINS UN CANAL CALCIQUE DANS LE TRAITEMENT DES RIDES**
[54] **USE OF AT LEAST ONE INHIBITOR OF AT LEAST ONE CALCIUM CHANNEL IN WRINKLE TREATMENT**
[72] NONOTTE, ISABELLE, FR
[72] BRETON, LIONEL, FR
[71] L'OREAL, FR
[22] 2000-05-11
[43] 2000-11-18
[30] FR (99 06 290) 1999-05-18

[21] **2,308,874**
[13] A1

[51] **Int.Cl. 7B64D 27/26**
[25] FR
[54] **DISPOSITIF DE MONTAGE SUR UN MAT D'UN ENSEMBLE PROPULSIF D'AERONEF ET MAT ADAPTE A CE DISPOSITIF**
[54] **AIRCRAFT PROPULSION SYSTEM STRUT MOUNTING DEVICE AND STRUT ADAPTED TO THE DEVICE**
[72] JULE, PASCAL, FR
[72] PORTE, ALAIN, FR
[72] LEVERT, STEPHANE, FR
[71] AEROSPATIALE AIRBUS, FR
[22] 2000-05-11
[43] 2000-11-17
[30] FR (99 06216) 1999-05-17

[21] **2,308,889**
[13] A1

[51] **Int.Cl. 7B64D 27/26**
[25] FR
[54] **DISPOSITIF D'ACCROCHAGE D'UN MOTEUR D'AERONEF**
[54] **AIRCRAFT ENGINE SUSPENSION DEVICE**
[72] JULE, PASCAL, FR
[72] LEVERT, STEPHANE, FR
[72] PORTE, ALAIN, FR
[71] AEROSPATIALE AIRBUS, FR
[22] 2000-05-11
[43] 2000-11-17
[30] FR (99 06215) 1999-05-17

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[21] **2,308,891**
[13] A1

[51] **Int.Cl. 7C07K 1/14 7A23J 1/20**
[25] FR
[54] **PROCEDE DE TRAITEMENT D'UN LACTOSERUM EN VUE DE SA DEMINERALISATION**
[54] **WHEY DEMINERALIZATION TREATMENT PROCESS**
[72] NOEL, ROLAND, FR
[71] SOCIETE ANONYME FRANCAISE D'INGENIERIE ET DE RECHERCHE, FR
[22] 2000-05-11
[43] 2000-11-17
[30] FR (99 06217) 1999-05-17

[21] **2,308,892**
[13] A1

[51] **Int.Cl. 7A01N 1/02 7A61K 35/52**
[25] FR
[54] **DILUEUR POUR LA CRYOCONSERVATION DE SPERMATOZOIDES DE BOVINS**
[54] **EXTENDER FOR THE CRYOPRESERVATION OF BOVINE SEMEN**
[72] SAINT-RAMON, JEAN-GERARD, FR
[72] DESHERCES, SERGE, FR
[72] DECUADRO-HANSEN, GUSTAVO, FR
[71] IMV TECHNOLOGIES, FR
[22] 2000-05-12
[43] 2000-11-14
[30] FR (99 06 177) 1999-05-14

[21] **2,308,959**
[13] A1

[51] **Int.Cl. 7C07H 15/04**
[25] FR
[54] **PROCEDE DE PREPARATION D'UN MELANGE DE GLUCOSYL-MANNITOL ET DE GLUCOSYL-SORBITOL PAR HYDROGENATION DE LA GLUCOSYL-GLUCOSONE**
[54] **PREPARATION PROCESS FOR A GLUCOSYL-MANNITOL AND GLUCOSYL-SORBITOL BLEND THROUGH THE HYDROGENATION OF GLUCOSYL-GLUCOSONE**
[72] CABOCHE, JEAN-JACQUES, FR
[71] ROQUETTE FRERES, FR
[22] 2000-05-15
[43] 2000-11-17
[30] FR (FR 99/06226) 1999-05-17

[21] **2,308,969**
[13] A1

[51] **Int.Cl. 7G11C 15/00 7G11C 8/02 7G11C 7/14**
[25] EN
[54] **IMPROVEMENTS TO CONTENT ADDRESSABLE MEMORIES**
[54] **AMELIORATIONS DES MEMOIRES ASSOCIATIVES**
[72] GANDINI, MARCO, IT
[72] TORIELLI, ALESSANDRO, IT
[72] TUROLLA, MAURA, IT
[71] CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A., IT
[22] 2000-05-16
[43] 2000-11-17
[30] IT (TO99A 000411) 1999-05-17

[21] **2,308,974**
[13] A1

[51] **Int.Cl. 7A61G 17/08**
[25] FR
[54] **NICHE AUTOASSEMBLABLE POUR CENDRES MORTUAIRES**
[54] **SELF-ASSEMBLING NICHE FOR CREMATION ASHES**
[72] BACH LAHOR, SANTIAGO, ES
[71] BACH LAHOR, SANTIAGO, ES
[22] 2000-05-16
[43] 2000-11-17
[30] ES (U 9901259) 1999-05-17

[21] **2,308,982**
[13]

[51] **Int.Cl. 7B01J 32/00**
[25] FR
[54] **SUPPORT CATALYTIQUE A BASE D'OXYDE D'UN METAL DU GROUPE IVB DE LA CLASSIFICATION PERIODIQUE DES ELEMENTS, SA PREPARATION ET SES UTILISATIONS**
[54] **OXIDE-BASED CATALYST SUPPORT FOR A GROUP IVB METAL IN THE PERIODIC TABLE OF ELEMENTS, AND THE PREPARATION AND USE THEREOF**
[72] DECKER, SEBASTIEN, FR
[72] DENAYER, JOERI, BE
[72] DA SILVA, PEDRO, FR
[72] MILAN, ALAIN, FR
[72] BISSON, MARC, FR
[71] TOTAL RAFFINAGE DISTRIBUTION S.A., FR
[22] 2000-05-17
[43] 2000-11-18
[30] FR (99 06 283) 1999-05-18

[21] **2,308,986**
[13]

[51] **Int.Cl. 7B05C 5/00 7B05C 11/02 7B05C 17/10 7B05D 1/12 7B05D 7/22**
[25] EN
[54] **METHOD AND APPARATUS FOR APPLICATION OF 360 DEGREE COATINGS TO ARTICLES**
[54] **METHODE ET APPAREIL POUR APPLIQUER DES REVETEMENTS SUR DES ARTICLES SUR 360 DEGRES**
[72] WALLACE, JOHN S., US
[71] ND INDUSTRIES, INC., US
[22] 2000-05-16
[43] 2000-11-18
[30] US (09/313,365) 1999-05-18

[21] **2,311,364**
[13] A1

[51] **Int.Cl. 7A01M 23/30**
[25] EN
[54] **HUMANE ANIMAL TRAP**
[54] **PIEGE NON VIOLENT A ANIMAUX**
[72] TONGE, GARY A., CA
[71] TONGE, GARY A., CA
[22] 2000-06-19
[43] 2000-11-13

[21] **2,316,577**
[13] A1

[51] **Int.Cl. 7C10L 3/10**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING AROMATIC HYDROCARBONS FROM A GAS STREAM PRIOR TO AN AMINE-BASED GAS SWEETENING PROCESS**
[54] **METHODE ET APPAREIL POUR ELIMINER DES HYDROCARBURES AROMATIQUES D'UN CIRCUIT GAZEUX AVANT UN PROCEDE D'ADOUCCISSEMENT EN PHASE GAZEUSE A BASE D'AMINE**
[72] THONSGAARD, JONATHAN E., US
[71] KINDER MORGAN, INC., US
[22] 2000-08-25
[43] 2000-11-13
[30] US (09/384,465) 1999-08-27

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[21] **2,317,022**

[13]

[51] **Int.Cl. 7C11D 17/02 7C11D 1/14**
7C11D 1/22 7C11D 3/50 7C11D 1/72
7C11D 1/83

[25] EN

[54] **FRAGRANT BEADS IN**
DETERGENT FORMS

[54] **PERLES PARFUMÉES DANS DES**
DETERGENTS SOUS FORME SOLIDE

[72] LIETZMANN, ANDREAS, DE

[72] LARSON, BERND, DE

[72] PAATZ, KATHLEEN, DE

[72] RAEHSE, WILFRIED, DE

[72] LAHN, WOLFGANG, DE

[72] SCHAMBIL, FRED, DE

[72] KUEHNE, NORBERT, DE

[71] HENKEL

KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE

[22] 2000-09-07

[43] 2000-11-18

[21] **2,317,030**

[13]

[51] **Int.Cl. 7C11D 17/02 7C11D 1/22**
7C11D 3/50 7C11D 1/72 7C11D 1/83

[25] EN

[54] **METHOD FOR PRODUCING**
DETERGENT FORMS

[54] **METHODE DE PRODUCTION DE**
DETERGENTS SOUS FORME SOLIDE

[72] JUNG, DIETER, DE

[72] KUEHNE, NORBERT, DE

[72] RAEHSE, WILFRIED, DE

[72] PAATZ, KATHLEEN, DE

[72] KRUSE, HANS-FRIEDRICH, DE

[72] SCHAMBIL, FRED, DE

[71] HENKEL

KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE

[22] 2000-09-08

[43] 2000-11-18

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[21] **2,275,151**
[13] A1

[51] **Int.Cl. 6A61K 31/375**
[25] EN
[54] **VITAMIN C DRINKING WATER AND THE METHOD OF MAKING IT**
[54] **EAU DE BOISSON AVEC VITAMINE C ET METHODE DE PRODUCTION**
[72] TSYGLIAN, VLADIMIR, CA
[72] KVASSETSKAIA, VERONICA, CA
[71] TSYGLIAN, VLADIMIR, CA
[71] KVASSETSKAIA, VERONICA, CA
[85] 1999-06-09
[86] 1999-05-17 (PCT/CA99/00406)
[87] 2000-11-17 ()

[21] **2,302,689**
[13] A1

[51] **Int.Cl. 7A61B 17/11**
[25] EN
[54] **SURGICAL VISUALIZATION AND MOISTURIZING DEVICE**
[54] **DISPOSITIF CHIRURGICAL DE VISUALISATION ET D'HYDRATATION**
[72] SURESH, MITTA, US
[71] CHASE MEDICAL INC., US
[85] 2000-01-24
[86] 1999-05-13 (PCT/US99/10669)
[87] 2000-11-13 ()

[21] **2,316,267**
[13] A1

[51] **Int.Cl. 7B65D 5/24**
[25] EN
[54] **STACKABLE CONTAINER**
[54] **CONTENANT EMPILABLE**
[72] SHEFFER, PHIL B., US
[71] PACK'N' STACK, INC., US
[85] 2000-08-18
[86] 1999-08-05 (PCT/US99/17966)
[87] 2000-11-14 ()
[30] US (09/129,375) 1998-08-05

[21] **2,319,076**
[13] A1

[51] **Int.Cl. 6C12N 15/16 6C07H 21/00 6C12P 21/02 6C12N 5/10 6C07K 16/26 6A61K 38/28 6A61K 39/395 6G01N 33/569 6C07K 14/64 6G01N 33/68 6C12Q 1/68**
[25] FR
[54] **EXPRESSION DU GENE INSL4 DANS LES TISSUS OSSEUX EMBRYONNAIRES HUMAINS ET APPLICATIONS**
[54] **EXPRESSION OF THE INSL4 GENE IN HUMAN EMBRYONIC BONE TISSUES AND APPLICATIONS**
[72] BELLET, DOMINIQUE, FR
[72] LAURENT, ANNE, FR
[71] INSTITUT GUSTAVE-ROUSSY, FR
[85] 2000-07-20
[86] 1999-01-22 (PCT/FR99/00137)
[87] 1999-07-29 (WO99/37780)
[30] FR (98/00715) 1998-01-23

[21] **2,319,079**
[13] A1

[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6C12N 15/82**
[25] EN
[54] **POLLEN SPECIFIC PROMOTER**
[54] **PROMOTEUR SPECIFIQUE AU POLLEN**
[72] ROGERS, HILARY JOAN, GB
[72] HUSSEY, PATRICK JOSEPH, GB
[72] GREENLAND, ANDREW JAMES, GB
[71] ZENECA LIMITED, GB
[85] 2000-07-21
[86] 1999-01-22 (PCT/GB99/00232)
[87] 1999-08-26 (WO99/42587)
[30] GB (9803661.9) 1998-02-20
[30] GB (9803660.1) 1998-02-20

[21] **2,319,081**
[13] A1

[51] **Int.Cl. 6C07H 21/04 6C12N 15/00 6C12N 15/15 6C07K 14/81**
[25] EN
[54] **HUMAN CYSTATIN F**
[54] **CYSTATINE F HUMAINE**
[72] NI, JIAN, US
[72] LI, HAODONG, US
[72] YU, GUO-LIANG, US
[72] GENTZ, REINER L., US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2000-07-24
[86] 1999-01-28 (PCT/US99/01698)
[87] 1999-08-05 (WO99/38882)
[30] US (09/019,485) 1998-01-29

[21] **2,319,084**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A01N 63/00 6C07K 14/47**
[25] EN
[54] **NOVEL COLLECTIN**
[54] **NOUVELLE COLLECTINE**
[72] WAKAMIYA, NOBUTAKA, JP
[71] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP
[85] 2000-07-24
[86] 1998-07-24 (PCT/JP98/03328)
[87] 1999-07-29 (WO99/37767)
[30] JP (10/11281) 1998-01-23

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[13] A1
[51] Int.Cl. 6C07H 21/04 6C12N 1/21
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[25] EN
[54] METH1 AND METH2
POLYNUCLEOTIDES AND
POLYPEPTIDES
[54] POLYNUCLEOTIDES ET
POLYPEPTIDES METH1 ET METH2
[72] IRUELA-ARISPE, LUISA, US
[72] HASTINGS, GREGG A., US
[72] RUBEN, STEVEN M., US
[71] BETH ISRAEL DEACONESS
MEDICAL CENTRE, US
[71] HUMAN GENOME SCIENCES, INC.,
US
[85] 2000-07-20
[86] 1999-01-22 (PCT/US99/01313)
[87] 1999-07-29 (WO99/37660)
[30] US (60/072,298) 1998-01-23
[30] US (60/098,539) 1998-08-28

[21] **2,319,110**
[13] A1
[51] Int.Cl. 6C12N 15/82 6A01H 5/00
6A01H 1/02
[25] EN
[54] HYBRID SEED PRODUCTION
[54] PRODUCTION DE SEMENCES
HYBRIDES
[72] BAYLISS, MICHAEL WILLIAM, GB
[72] DALY, ALLAN, GB
[72] JEPSON, IAN, GB
[72] KNIGHT, MARY ELIZABETH, GB
[71] ZENECA LIMITED, GB
[85] 2000-07-21
[86] 1999-01-22 (PCT/GB99/00238)
[87] 1999-08-26 (WO99/42598)
[30] GB (9803659.3) 1998-02-20
[30] GB (9805669.0) 1998-03-17

[21] **2,319,112**
[13] A1
[51] Int.Cl. 6C12N 15/11 6C12N 9/00
6C12N 5/10 6C12Q 1/68 6C12N 15/86
[25] EN
[54] USE OF RIBOZYMES FOR
FUNCTIONATING GENES
[54] UTILISATION DE RIBOZYMES
AFIND'IDENTIFIER LA FONCTION DE
GENES
[72] KECK, JAMES G., US
[72] WONG, JUSTIN G.P., US
[71] GENETRACE SYSTEMS, INC., US
[85] 2000-07-24
[86] 1999-02-12 (PCT/US99/03166)
[87] 1999-08-19 (WO99/41371)
[30] US (09/023,992) 1998-02-13

[21] **2,319,115**
[13] A1
[51] Int.Cl. 6C12Q 1/18 6C12N 9/02
6C07K 14/31 6C07K 16/40 6A61K 38/43
6C12N 15/53 6G01N 33/573 6G01N 33/68
6C12Q 1/68 6G01N 33/94
[25] EN
[54] ANTIMICROBIAL COMPOUNDS
[54] COMPOSES ANTIMICROBIENS
[72] LEVY, STUART B., US
[72] MCMURRY, LAURA M., US
[71] TRUSTEES OF TUFTS COLLEGE, US
[85] 2000-07-24
[86] 1999-01-22 (PCT/US99/01288)
[87] 1999-07-29 (WO99/37800)
[30] US (60/072,244) 1998-01-23
[30] US (09/013,440) 1998-01-26

[21] **2,319,118**
[13] A1
[51] Int.Cl. 6C12N 15/29 6A01H 5/00
6A23G 9/02 6A23G 9/04 6A23L 3/375
6C07K 14/415 6C12N 15/82
[25] EN
[54] FROZEN FOOD PRODUCT
[54] PRODUIT ALIMENTAIRE
CONGELE
[72] TWIGG, SARAH, GB
[72] WORRALL, DAWN, GB
[72] SIDEBOTTOM, CHRISTOPHER
MICHAEL, GB
[72] JARMAN, CARL DUDLEY, GB
[71] UNILEVER PLC, GB
[85] 2000-07-21
[86] 1998-12-23 (PCT/EP98/08553)
[87] 1999-07-29 (WO99/37782)
[30] GB (9801408.7) 1998-01-22

[21] **2,319,643**
[13] A1
[51] Int.Cl. 6A61K 38/00 6A61K 39/00
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6A01N 43/00 6A01N 55/02 6A61K 39/395
6A61K 39/44 6G01N 33/53 6G01N 33/543
6G01N 33/566
[25] EN
[54] MULTIVALENT AGONISTS,
PARTIAL AGONISTS, INVERSE
AGONISTS AND ANTAGONISTS OF
THE 5HT4 RECEPTORS
[54] AGONISTES MULTIVALENTS,
AGONISTES PARTIELS, AGONISTES
INVERSES ET ANTAGONISTES DES
RECEPTEURS DE 5HT4
[72] GRIFFIN, JOHN H., US
[72] NATARAJAN, MAYA, US
[71] ADVANCED MEDICINE, INC., US
[85] 2000-08-01
[86] 1999-06-08 (PCT/US99/12994)
[87] 1999-12-16 (WO99/64055)
[30] US (60/088,466) 1998-06-08
[30] US (60/092,938) 1998-07-15

[21] **2,319,644**
[13] A1
[51] Int.Cl. 6C12N 9/64 6A61K 35/48
6C12N 15/57 6C12N 15/70 6C12N 15/85
[25] EN
[54] HUMAN SERINE PROTEASE AND
SERPIN POLYPEPTIDES
[54] SERINE-PROTEASE HUMAINE ET
POLYPEPTIDES SERPIN
[72] NI, JIAN, US
[72] RUBEN, STEVEN M., US
[71] HUMAN GENOME SCIENCES, INC.,
US
[85] 2000-08-01
[86] 1999-02-04 (PCT/US99/02292)
[87] 1999-08-12 (WO99/40183)
[30] US (60/073,961) 1998-02-06

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[13] A1

[51] **Int.Cl. 7A61K 31/18 7A61P 25/18 7A61K 31/35 7A61K 31/7048**
[25] EN
[54] **TOPIRAMATE AND RELATED DERIVATIVES FOR TREATING SCHIZOPHRENIA**
[54] **TOPIRAMATE ET DERIVES ASSOCIES DESTINES AU TRAITEMENT DE LA SCHIZOPHRENIE**
[72] VAN KAMMEN, DANIEL P., US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2000-08-02
[86] 1999-11-05 (PCT/US99/26217)
[87] 2000-06-08 (WO00/32183)
[30] US (60/110,721) 1998-12-03
[30] US (09/434,351) 1999-11-05

[21] **2,319,665**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12N 15/10**
[25] EN
[54] **PROCESSES FOR ISOLATING, AMPLIFYING AND CHARACTERIZING DNA**
[54] **PROCEDES PERMETTANT D'ISOLER, D'AMPLIFIER ET DE CARACTERISER UN ADN**
[72] SHUMAN, RUTH M., US
[72] HEATH, ELLEN M., US
[71] GENTRA SYSTEMS, INC., US
[85] 2000-08-01
[86] 1999-02-02 (PCT/US99/02189)
[87] 1999-08-05 (WO99/39009)
[30] US (09/017,143) 1998-02-02
[30] US (09/017,144) 1998-02-02

[21] **2,319,667**
[13] A1

[51] **Int.Cl. 6C12N 15/29 6C12N 9/10 6C12N 15/54**
[25] EN
[54] **PLANT 1,3-BETA-D-GLUCAN SYNTHASE AND BRITTLE-1 ENCODING SEQUENCES**
[54] **1,3-BETA-D-GLUCANE SYNTHASES VEGETALES ET SEQUENCES CODANT BRITTLE-1**
[72] RAFALSKI, J. ANTONI, US
[72] HITZ, WILLIAM D., US
[72] LIGHTNER, JONATHAN EDWARD, US
[72] ALLEN, STEPHEN M., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-08-02
[86] 1999-03-22 (PCT/US99/06583)
[87] 1999-09-30 (WO99/49047)
[30] US (60/079,420) 1998-03-26

[21] **2,319,668**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 16/18 6C07K 14/47 6C12Q 1/68**
[25] EN
[54] **HUMAN TSC403 GENE AND HUMAN ING1L GENE**
[54] **GENES HUMAINS TSC403 ET ING1L**
[72] HORIE, MASATO, JP
[72] SHIMADA, YOSHIKAZU, JP
[72] OZAKI, KOUICHI, JP
[72] NAGATA, MASAMI, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2000-07-31
[86] 1999-02-02 (PCT/JP99/00419)
[87] 1999-08-12 (WO99/40190)
[30] JP (10/38133) 1998-02-03
[30] JP (10/73234) 1998-03-05
[30] JP (10/134679) 1998-04-28

[21] **2,319,688**
[13] A1

[51] **Int.Cl. 6A61K 39/395 6C12P 21/08 6C07K 16/30 6G01N 33/574 6G01N 33/577**
[25] EN
[54] **SPECIFIC ANTIBODIES AGAINST MAMMARY TUMOR-ASSOCIATED MUCIN, METHOD FOR PRODUCTION AND USE**
[54] **ANTICORPS SPECIFIQUES DE LA MUCINE ASSOCIEE AU CANCER DU SEIN, ET TECHNIQUE DE PRODUCTION ET UTILISATION ASSOCIEES**
[72] KAUL, SEPP, DE
[72] BASTERT, GUNTHER, DE
[71] BASTERT, GUNTHER, DE
[85] 2000-08-01
[86] 1999-02-12 (PCT/EP99/00941)
[87] 1999-08-19 (WO99/40881)
[30] EP (98 102529.9) 1998-02-13

[21] **2,319,691**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 1/08 6C12N 15/10**
[25] EN
[54] **ELUTING REAGENTS, METHODS AND KITS FOR ISOLATING DNA**
[54] **REACTIFS D'ELUTION, PROCEDES ET TROUSSES PERMETTANT D'ISOLER UN ADN**
[72] SHUMAN, RUTH M., US
[72] HEATH, ELLEN M., US
[71] GENTRA SYSTEMS, INC., US
[85] 2000-08-01
[86] 1999-02-02 (PCT/US99/02190)
[87] 1999-08-05 (WO99/39010)
[30] US (60/126,413) 1998-02-02
[30] US (60/126,429) 1998-02-02

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[21] **2,319,693**
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 38/16 6C07K 14/31**
[25] EN
[54] **IDENTIFICATION, PRODUCTION AND USE OF STAPHYLOKINASE DERIVATIVES WITH REDUCED IMMUNOGENICITY AND/OR REDUCED CLEARANCE**
[54] **IDENTIFICATION, PRODUCTION ET UTILISATION DE DERIVES DE LA STAPHYLOKINASE AVEC IMMUNOGENECITE ET/OU CLEARANCE REDUITES**
[72] COLLEN, DESIRE JOSE, BE
[71] COLLEN, DESIRE JOSE, BE
[71] LEUVEN RESEARCH & DEVELOPMENT VZW, BE
[85] 2000-08-03
[86] 1999-02-04 (PCT/EP99/00748)
[87] 1999-08-12 (WO99/40198)
[30] EP (98200323.8) 1998-02-04
[30] EP (98200365.9) 1998-02-06

[21] **2,319,697**
[13] A1

[51] **Int.Cl. 6C12N 15/54 6C12N 5/10 6C12N 9/12 6C12N 1/21 6C12N 15/62**
[25] EN
[54] **SINGLE-CHAIN POLYPEPTIDES COMPRISING CREATINE KINASE M AND CREATINE KINASE B**
[54] **POLYPEPTIDES A UNE SEULE CHAINE COMPRENANT UNE CREATINE KINASE M ET UNE CREATINE KINASE B**
[72] TOBIAS, ROWEL, CA
[72] SHI, QINWEI, CA
[71] SPECTRAL DIAGNOSTICS, INC., CA
[85] 2000-08-04
[86] 1999-02-04 (PCT/IB99/00214)
[87] 1999-08-12 (WO99/40204)
[30] US (09/018,760) 1998-02-05

[21] **2,319,698**
[13] A1

[51] **Int.Cl. 6A61K 38/17 6A61N 5/00 6A61K 35/12 6A61K 39/395**
[25] EN
[54] **TREATMENT OF FOLLICULAR LYMPHOMAS USING INHIBITORS OF THE LYMPHOTOXIN (LT) PATHWAY**
[54] **TRAITEMENT DES LYMPHOMES FOLLICULAIRES A L'AIDE D'INHIBITEURS DE LA VOIE DE LA LYMPHOTOXINE (LT)**
[72] TSIAGBE, VINCENT, US
[72] THORBECKE, JEANETTE, US
[72] BROWNING, JEFFREY, US
[71] NEW YORK UNIVERSITY, US
[71] BIOGEN, INC., US
[85] 2000-07-27
[86] 1999-01-29 (PCT/US99/01928)
[87] 1999-08-05 (WO99/38525)
[30] US (60/073,112) 1998-01-30
[30] US (60/073,410) 1998-02-02

[21] **2,319,700**
[13] A1

[51] **Int.Cl. 6C12N 15/00 6A01K 67/027 6C07K 16/18 6C12N 5/18 6C07K 14/47 6C12Q 1/68 6C07K 14/705**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR WOUND HEALING**
[54] **COMPOSITIONS ET METHODES DE CICATRISATION DE LESIONS**
[72] HEBER-KATZ, ELLEN, US
[71] THE WISTAR INSTITUTE, US
[85] 2000-08-02
[86] 1999-02-12 (PCT/US99/02962)
[87] 1999-08-19 (WO99/41364)
[30] US (60/074,737) 1998-02-13
[30] US (60/097,937) 1998-08-26
[30] US (60/102,051) 1998-09-28

[21] **2,319,703**
[13] A1

[51] **Int.Cl. 6C12N 5/00 6A61K 48/00 6C12N 15/00 6G01N 33/00 6C12N 15/09 6A61K 39/395 6C12N 15/63**
[25] EN
[54] **GROWTH DIFFERENTIATION FACTOR-8**
[54] **FACTEUR-8 DE DIFFERENCIATION DE LA CROISSANCE**
[72] LEE, SE-JIN, US
[72] MCPHERRON, ALEXANDRA C., US
[71] THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, US
[85] 2000-08-03
[86] 1999-02-05 (PCT/US99/02511)
[87] 1999-08-12 (WO99/40181)
[30] US (09/019,070) 1998-02-05
[30] US (09/124,180) 1998-07-28

[21] **2,319,710**
[13] A1

[51] **Int.Cl. 6C12N 15/11 6C07H 21/04 6A61K 31/70**
[25] EN
[54] **OLIGONUCLEOTIDE SEQUENCES COMPLEMENTARY TO THIOREDOXIN OR THIOREDOXIN REDUCTASE GENES AND METHODS OF USING SAME TO MODULATE CELL GROWTH**
[54] **SEQUENCES OLIGONUCLEOTIDIQUES COMPLEMENTAIRES DES GENES DE LA THIOREDOXINE REDUCTASE ET LEURS PROCEDES D'UTILISATION POUR LA MODULATION DE LA CROISSANCE CELLULAIRE**
[72] WRIGHT, JIM A., CA
[72] YOUNG, AIPING H., CA
[72] LEE, YOON S., CA
[71] GENESENSE TECHNOLOGIES, INC., CA
[85] 2000-07-28
[86] 1999-01-29 (PCT/CA99/00077)
[87] 1999-08-05 (WO99/38963)
[30] US (60/073,196) 1998-01-30

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[13] A1

[51] **Int.Cl. 6A61K 39/00 6A61K 9/08 6A61K 9/107 6A61K 39/39**
[25] EN
[54] **VACCINE FORMULATIONS**
[54] **FORMULATIONS DE VACCIN**
[72] BIRNSTIEL, MAX, AT
[72] SCHMIDT, WALTER, AT
[72] BUSCHLE, MICHAEL, AT
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2000-07-28
[86] 1999-01-27 (PCT/EP99/00524)
[87] 1999-08-05 (WO99/38528)
[30] DE (198 03 453.9) 1998-01-30

[21] **2,319,712**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12P 19/34**
[25] EN
[54] **MISMATCH DETECTION TECHNIQUES**
[54] **PROCEDES DE DETECTION D'UN MAUVAIS APPARIEMENT**
[72] BIRKENKAMP-DEMTRÖDER, KARIN, US
[72] KEMPER, BORRIES, DE
[72] GOLZ, STEFAN, DE
[71] VARIAGENICS, INC., US
[85] 2000-07-31
[86] 1999-01-29 (PCT/US99/01936)
[87] 1999-08-12 (WO99/40222)
[30] US (60/073,716) 1998-02-04

[21] **2,319,713**
[13] A1

[51] **Int.Cl. 6A61K 31/445**
[25] EN
[54] **USE OF N-SUBSTITUTED-1,5-DIDEOXY-1,5-IMINO-D-GLUCITOL COMPOUNDS FOR TREATING HEPATITIS VIRUS INFECTIONS**
[54] **UTILISATION DE COMPOSES N-SUBSTITUE-1,5-DIDESOXY-1,5-IMINO-D-GLUCITOL DANS LE TRAITEMENT DES INFECTIONS DUES AU VIRUS DE L'HEPATITE**
[72] PARTIS, RICHARD A., US
[72] BRYANT, MARTIN L., US
[72] MUELLER, RICHARD A., US
[71] G.D. SEARLE & CO., US
[85] 2000-08-01
[86] 1999-02-12 (PCT/US99/01874)
[87] 1999-08-19 (WO99/40916)
[30] US (60/074,508) 1998-02-12
[30] US (09/023,401) 1998-02-12

[21] **2,319,714**
[13] A1

[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6A01N 65/00 6C12N 5/10 6C07K 14/415**
[25] EN
[54] **PLANT HAVING ALTERED ENVIRONMENTAL STRESS TOLERANCE**
[54] **PLANTE AYANT UNE TOLERANCE MODIFIEE AU STRESS ENVIRONNEMENTAL**
[72] STOCKINGER, ERIC J., US
[72] FROMM, MICHAEL, US
[72] JIANG, CAI-ZHONG, US
[72] THOMASHOW, MICHAEL F., US
[72] GILMOUR, SARAH JANE, US
[72] JAGLO-OTTOSEN, KIRSTEN, US
[72] ZARKA, DANIEL, US
[71] MENDEL BIOTECHNOLOGY, INC., US

[71] MICHIGAN STATE UNIVERSITY, US
[85] 2000-08-02
[86] 1999-01-28 (PCT/US99/01895)
[87] 1999-08-05 (WO99/38977)
[30] US (09/018,233) 1998-02-03
[30] US (09/017,816) 1998-02-03
[30] US (09/018,235) 1998-02-03
[30] US (09/017,575) 1998-02-03
[30] US (09/018,227) 1998-02-03
[30] US (09/018,234) 1998-02-03
[30] US (09/198,119) 1998-11-23

[21] **2,319,715**
[13] A1

[51] **Int.Cl. 6C07K 14/00 6A61K 48/00 6C07K 16/00 6C07H 21/04 6A61K 39/395 6G01N 33/53**
[25] EN
[54] **BREAST CANCER RESISTANCE PROTEIN (BCRP) AND THE DNA WHICH ENCODES IT**
[54] **PROTEINE DE RESISTANCE AUX MEDICAMENTS CONTRE LE CANCER DU SEIN (BCRP) ET ADN CODANT CETTE PROTEINE**
[72] ABRUZZO, LYNNE, US
[72] ROSS, DOUGLAS D., US
[72] DOYLE, L. AUSTIN, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
[85] 2000-08-03
[86] 1999-02-05 (PCT/US99/02577)
[87] 1999-08-12 (WO99/40110)
[30] US (60/073,763) 1998-02-05

[21] **2,319,720**
[13] A1

[51] **Int.Cl. 6C12N 15/10 6A61K 39/02 6C07K 14/25 6G01N 33/68 6C12Q 1/68 6A61K 31/70**
[25] EN
[54] **CYTOTOXIC HETEROMERIC PROTEIN COMBINATORIAL LIBRARIES**
[54] **BANQUES COMBINATOIRES DE PROTEINES HETEROMERES CYTOTOXIQUES**
[72] BRAY, MARK ROBERT, CA
[72] GARIEPY, JEAN, CA
[71] THE ONTARIO CANCER INSTITUTE, CA
[85] 2000-08-02
[86] 1998-12-08 (PCT/CA98/01137)
[87] 1999-08-12 (WO99/40185)
[30] CA (2,222,993) 1998-02-04

[21] **2,319,727**
[13] A1

[51] **Int.Cl. 6C12N 15/53 6C11B 3/00 6C12N 9/02 6A01H 5/10 6C12N 9/10 6C12N 15/11 6C12N 15/55 6C12P 7/64 6C12Q 1/68 6C12N 15/82**
[25] EN
[54] **LIMANTHES OIL GENES**
[54] **GENES D'HUILE DE LIMNANTHES**
[72] HITZ, WILLIAM D., US
[72] VOLLMER, STEVEN J., US
[72] KINNEY, ANTHONY J., US
[72] CAHOON, EDGAR B., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-08-02
[86] 1999-03-12 (PCT/US99/05471)
[87] 1999-09-30 (WO99/49050)
[30] US (60/078,736) 1998-03-20

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<p style="text-align: right;">[21] 2,319,732 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/82 [25] EN [54] METHODS FOR RECOVERING POLYPEPTIDES FROM PLANTS AND PORTIONS THEREOF [54] PROCEDES SERVANT A RECUPERER DES POLYPEPTIDES DEPUIS DES PLANTES OU DES PARTIES DE PLANTES [72] RASKIN, ILYA, US [71] BOARD OF TRUSTEES, RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US [85] 2000-07-31 [86] 1999-01-29 (PCT/US99/02071) [87] 1999-08-05 (WO99/38990) [30] US (09/015,605) 1998-01-30</p>	<p style="text-align: right;">[21] 2,320,076 [13] A1</p> <p>[51] Int.Cl. 6C23C 18/12 6C03C 17/25 6C03C 17/34 [25] EN [54] METHOD OF PREPARING LITHIATED VANADIUM OXIDE-COATED SUBSTRATES OF OPTICAL QUALITY [54] PROCEDE D'ELABORATION DE SUBSTRATS DE QUALITE OPTIQUE REVETUS D'OXYDE DE VANADIUM LITHIE [72] FREY, MATTHEW H., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-08-04 [86] 1998-08-14 (PCT/US98/16947) [87] 1999-09-10 (WO99/45169) [30] US (09/033,128) 1998-03-02</p>	<p style="text-align: right;">[21] 2,320,079 [13] A1</p> <p>[51] Int.Cl. 6G05B 19/05 [25] EN [54] METHOD AND DEVICE FOR DATA PROCESSING ACCORDING TO A PREDETERMINED PROCESSING FUNCTION WITH THE AID OF A PROGRAMMABLE LOGICAL CIRCUIT [54] PROCEDE ET DISPOSITIF DE TRAITEMENT DE DONNEES SELON UNE FONCTION DE TRAITEMENT DONNEE A L'AIDE D'UN CIRCUIT LOGIQUE PROGRAMMABLE [72] SCHWEIGER, LUDWIG, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-08-04 [86] 1999-01-22 (PCT/DE99/00167) [87] 1999-08-12 (WO99/40492) [30] DE (198 04 827.0) 1998-02-06</p>
<p style="text-align: right;">[21] 2,320,058 [13] A1</p> <p>[51] Int.Cl. 6H04L 27/26 6H04L 25/03 [25] EN [54] OFDM FRAME SYNCHRONISATION AND EQUALISATION SYSTEM [54] SYSTEME DE RECEPTION A MULTIPLEXAGE ORTHOGONAL PAR REPARTITION EN FREQUENCE [72] MA, JIANG LEI, CA [72] YOUNG, DONOVAN, CA [72] MA, STEVE, CA [71] WAVESAT TELECOM INC., CA [85] 2000-08-10 [86] 1999-02-25 (PCT/CA99/00175) [87] 1999-09-02 (WO99/44326) [30] US (09/030,865) 1998-02-26</p>	<p style="text-align: right;">[21] 2,320,077 [13] A1</p> <p>[51] Int.Cl. 6F16L 27/00 [25] EN [54] SWIVEL SEAL ASSEMBLY [54] ENSEMBLE JOINT D'ETANCHEITE PIVOTANT [72] DIETLE, LANNIE, US [72] KALSI, MANMOHAN S., US [71] KALSI ENGINEERING, INC., US [85] 2000-08-04 [86] 1999-02-16 (PCT/US99/03193) [87] 2000-08-24 (WO00/49326)</p>	<p style="text-align: right;">[21] 2,320,080 [13] A1</p> <p>[51] Int.Cl. 6A61N 1/05 [25] EN [54] BREAKAWAY STRUCTURE FOR BODY IMPLANTABLE MEDICAL DEVICE [54] STRUCTURE DETACHABLE POUR DISPOSITIF MEDICAL IMPLANTABLE DANS LE CORPS [72] SCHROEPPPEL, EDWARD A., US [72] MACHEK, JAMES E., US [72] SPEHR, PAUL R., US [71] INTERMEDICS INC., US [85] 2000-08-04 [86] 1999-02-05 (PCT/US99/02662) [87] 1999-08-12 (WO99/39766) [30] US (09/020,184) 1998-02-06</p>
<p style="text-align: right;">[21] 2,320,075 [13] A1</p> <p>[51] Int.Cl. 6F02B 71/04 [25] EN [54] FREE-PISTON INTERNAL-COMBUSTION ENGINE [54] MOTEUR A COMBUSTION INTERNE ET PISTONS LIBRES [72] KOPKO, WILLIAM L., US [72] BEALE, WILLIAM T., US [71] SUNPOWER, INC., US [85] 2000-08-04 [86] 1999-02-24 (PCT/US99/03938) [87] 1999-09-02 (WO99/43936) [30] US (09/030,067) 1998-02-25</p>	<p style="text-align: right;">[21] 2,320,078 [13] A1</p> <p>[51] Int.Cl. 6A63F 9/00 6G09G 5/00 [25] EN [54] INTERACTION BETWEEN SOFTWARE AND AN INPUT DEVICE [54] INTERACTION ENTRE UN LOGICIEL ET UN DISPOSITIF D'ENTREE [72] KLITSNER, DAN, US [72] CLEMENS, BRIAN, US [72] LEVENBERG, GARY, US [71] KLITSNER INDUSTRIAL DESIGN, LLC., US [85] 2000-08-29 [86] 1999-02-04 (PCT/US99/02420) [87] 1999-08-12 (WO99/39789) [30] US (60/073,622) 1998-02-04 [30] US (09/018,691) 1998-02-04 [30] US (09/019,489) 1998-02-04</p>	<p style="text-align: right;">[21] 2,320,081 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/60 [25] EN [54] PORTFOLIO OPTIMIZATION BY MEANS OF RESAMPLED EFFICIENT FRONTIERS [54] OPTIMISATION DE PORTEFEUILLE A L'AIDE DE LIMITES EFFICACES RE-ECHANTILLONNEES [72] MICHAUD, ROBERT, US [71] MICHAUD, RICHARD O., US [85] 2000-08-04 [86] 1999-03-12 (PCT/US99/05463) [87] 1999-10-07 (WO99/50773) [30] US (60/079,702) 1998-03-27 [30] US (09/149,912) 1998-09-09</p>

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<p style="text-align: right;">[21] 2,320,082 [13] A1</p> <p>[51] Int.Cl. 6G01M 15/00 [25] EN [54] PROCESS FOR DETECTING A MISFIRE IN AN INTERNAL COMBUSTION ENGINE AND SYSTEM FOR CARRYING OUT SAID PROCESS [54] PROCEDE DE DETECTION D'UN RATE D'ALLUMAGE DANS UN MOTEUR A COMBUSTION INTERNE [72] CECCARANI, MASSIMO, IT [72] CAMPI, PIERO, IT [72] REBOTTINI, CORRADO, IT [72] BETTINI, RICCARDO, IT [71] AUTOMOBILI LAMBORGHINI S.P.A., IT [85] 2000-08-04 [86] 1998-08-17 (PCT/IT98/00233) [87] 1999-09-02 (WO99/44028) [30] IT (MI98A000363) 1998-02-24</p>	<p style="text-align: right;">[21] 2,320,085 [13] A1</p> <p>[51] Int.Cl. 6A61N 1/37 6G06F 17/00 [25] EN [54] IMPLANTABLE CARDIAC STIMULATOR WITH ELECTROGRAM PROFILING [54] STIMULATEUR CARDIAQUE IMPLANTABLE A PROFIL ELECTROGRAMME AUTOMATIQUE [72] PRUTCHI, DAVID, US [72] PAUL, PATRICK J., US [71] INTERMEDICS INC., US [85] 2000-08-04 [86] 1999-02-05 (PCT/US99/02663) [87] 1999-08-12 (WO99/39767) [30] US (09/019,751) 1998-02-06</p>	<p style="text-align: right;">[21] 2,320,088 [13] A1</p> <p>[51] Int.Cl. 6G01N 33/48 [25] EN [54] ANALYTIC PLATE AND METHOD [54] PLAQUE D'ANALYSE ET PROCEDE [72] ANGROS, LEE H., US [71] ANGROS, LEE H., US [85] 2000-08-09 [86] 1999-02-09 (PCT/US99/02854) [87] 1999-08-12 (WO99/40431) [30] US (09/021,077) 1998-02-10</p>
<p style="text-align: right;">[21] 2,320,083 [13] A1</p> <p>[51] Int.Cl. 6G02B 6/34 6G02F 1/01 [25] EN [54] CASCADING OF TUNABLE OPTICAL FILTER ELEMENTS [54] MONTAGE EN CASCADE D'ELEMENTS DE FILTRE OPTIQUES ACCORDABLES [72] NORWOOD, ROBERT A., US [72] RUDASILL, MEADE H., US [72] SOSSEN, DAVID W., US [71] CORNING INCORPORATED, US [85] 2000-08-04 [86] 1999-02-22 (PCT/US99/03853) [87] 1999-08-26 (WO99/42875) [30] US (60/075,512) 1998-02-20 [30] US (09/251,893) 1999-02-19</p>	<p style="text-align: right;">[21] 2,320,086 [13] A1</p> <p>[51] Int.Cl. 7A45B 19/04 7A45B 11/00 7A45B 25/02 7A45B 25/16 [25] EN [54] AUTOMATIC UMBRELLA COMPRISING A CURVED TELESCOPIC SHAFT [54] PARAPLUIE A OUVERTURE AUTOMATIQUE COMPORTANT UN MANCHE TELESCOPIQUE COURBE [72] PUNZAG, GALBADRACH, DE [71] PUNZAG, GALBADRACH, DE [85] 2000-08-09 [86] 1999-12-06 (PCT/DE99/03948) [87] 2000-06-15 (WO00/33695) [30] DE (198 58 948.4) 1998-12-10 [30] DE (199 17 456.3) 1999-04-17</p>	<p style="text-align: right;">[21] 2,320,089 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/60 [25] EN [54] MATCH-CODE-RESPONSIVE SELECTING/CAPTURING OF POS WHOLE-TRANSACTIONS-DATA [54] SELECTION/COLLECTE DE DONNEES DE TRANSACTIONS COMPLETES AUX POINTS DE VENTES (POS), SENSIBLES AUX CODES MATCH [72] TAI, ROLAND D., US [71] TAI, ROLAND D., US [85] 2000-08-09 [86] 1999-02-19 (PCT/US99/03539) [87] 1999-08-26 (WO99/42941) [30] US (09/026,289) 1998-02-19</p>
<p style="text-align: right;">[21] 2,320,084 [13] A1</p> <p>[51] Int.Cl. 6H01F 1/153 6C21D 6/00 [25] EN [54] AMORPHOUS ALLOY WITH INCREASED OPERATING INDUCTION [54] ALLIAGE AMORPHE A INDUCTION OPERATIONNELLE ACCRUE [72] DECRISTOFARO, NICHOLAS J., US [72] LIEBERMANN, HOWARD H., US [71] ALLIEDSIGNAL INC., US [85] 2000-08-04 [86] 1999-02-04 (PCT/US99/02494) [87] 1999-08-12 (WO99/40594) [30] US (09/018,801) 1998-02-04</p>	<p style="text-align: right;">[21] 2,320,087 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/48 [25] EN [54] TREATMENT OF CHRONIC INFLAMMATORY DISORDERS OF THE GASTROINTESTINAL TRACT [54] TRAITEMENT DE TROUBLES INFLAMMATOIRES CHRONIQUES DU TRACTUS GASTRO-INTESTINAL [72] BOLONICK, JOEL, US [72] STEWART, ALAN, US [71] BOLONICK, JOEL, US [71] STEWART, ALAN, US [85] 2000-08-09 [86] 1998-02-09 (PCT/US98/02265) [87] 1999-08-12 (WO99/39699)</p>	<p style="text-align: right;">[21] 2,320,090 [13] A1</p> <p>[51] Int.Cl. 6E06B 3/663 [25] EN [54] SPACER [54] PIECE D'ECARTEMENT [72] ENSINGER, WILFRIED, DE [71] ENSINGER, WILFRIED, DE [85] 2000-08-11 [86] 1999-01-23 (PCT/EP99/00454) [87] 1999-08-26 (WO99/42693) [30] DE (198 07 454.9) 1998-02-21</p>

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[21] **2,320,091**
[13] A1
[51] **Int.Cl. 6C07C 50/36 6A61K 35/78**
[25] EN
[54] **STABLE HYPERFORIN SALTS, METHOD FOR PRODUCING SAME AND THEIR USE IN THE TREATMENT OF ALZHEIMER'S DISEASE**
[54] **SELS D'HYPERFORINE STABLES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] MARME, DIETER, DE
[72] CHATTERJEE, SHYAM SUNDER, DE
[72] ERDELMEIER, CLEMENS, DE
[72] SCHACHTELE, CHRISTOPH, DE
[72] KLESSING, KLAUS, DE
[71] DR. WILLMAR SCHWABE GMBH & CO., DE
[85] 2000-08-09
[86] 1999-02-04 (PCT/EP99/00737)
[87] 1999-08-19 (WO99/41220)
[30] DE (198 05 947.7) 1998-02-13

[21] **2,320,092**
[13] A1
[51] **Int.Cl. 6A61B 17/04**
[25] EN
[54] **SURGICAL SUTURE INSTRUMENT**
[54] **INSTRUMENT DE SUTURE CHIRURGICALE**
[72] MAROKO, MOSHE, IL
[72] LEVY, GIL, IL
[71] UROGYN LTD., IL
[85] 2000-08-09
[86] 1999-02-09 (PCT/IL99/00084)
[87] 1999-08-19 (WO99/40850)
[30] IL (123275) 1998-02-12

[21] **2,320,093**
[13] A1
[51] **Int.Cl. 6A47L 5/00**
[25] EN
[54] **QUIET VACUUM CLEANER USING A VACUUM PUMP WITH A LOBED CHAMBER**
[54] **ASPIRATEUR SILENCIEUX UTILISANT UNE POMPE A VIDE DANS UNE CHAMBRE LOBEE**
[72] NOSENCHUCK, DANIEL M., US
[71] SOUNDESIGN, L.L.C., US
[85] 2000-08-09
[86] 1999-02-04 (PCT/US99/02422)
[87] 1999-08-12 (WO99/39621)
[30] US (09/021,069) 1998-02-09

[21] **2,320,094**
[13] A1
[51] **Int.Cl. 6C01F 7/00**
[25] EN
[54] **CONTINUOUS PROCESS FOR PRODUCING ANIONIC CLAY**
[54] **PROCEDE CONTINU PERMETTANT DE PRODUIRE DE L'ARGILE ANIONIQUE**
[72] STAMIRE, DENNIS, US
[72] KOOLI, FATHI, JP
[72] JONES, WILLIAM, GB
[72] BRADY, MIKE, US
[71] AKZO NOBEL N.V., NL
[85] 2000-08-09
[86] 1999-02-09 (PCT/EP99/00858)
[87] 1999-08-19 (WO99/41195)
[30] US (09/021,839) 1998-02-11
[30] US (09/239,143) 1999-01-28

[21] **2,320,096**
[13] A1
[51] **Int.Cl. 6B21D 26/06 6B21D 26/02**
[25] EN
[54] **METHOD AND DEVICE FOR FORMING A WORKPIECE BY APPLICATION OF A HIGH INTERNAL PRESSURE**
[54] **PROCEDE ET DISPOSITIF POUR FORMER UNE PIECE PAR APPLICATION D'UNE PRESSION INTERIEURE ELEVEE**
[72] BOBBERT, STEFAN, DE
[72] BIKERT, ARNDT, DE
[71] DAIMLERCHRYSLER AG, DE
[85] 2000-08-09
[86] 1999-01-20 (PCT/EP99/00340)
[87] 1999-08-19 (WO99/41028)
[30] DE (198 05 172.7) 1998-02-10

[21] **2,320,097**
[13] A1
[51] **Int.Cl. 7A61M 25/06 7A61M 5/158 7A61B 17/34**
[25] EN
[54] **HOLLOW, CURVED, SUPERELASTIC MEDICAL NEEDLE**
[54] **AIGUILLE MEDICALE CREUSE, COURBE, SUPERELASTIQUE**
[72] MCGUCKIN, JAMES FREDERICK, US
[72] PAKTER, ROBERT L., US
[72] MORRIS, EDWARD J., US
[72] EVANS, AVERY J., US
[72] KIRTS, BETH A., US
[71] COOK INCORPORATED, US
[85] 2000-08-09
[86] 1999-12-09 (PCT/US99/29182)
[87] 2000-06-15 (WO00/33909)
[30] US (60/111,624) 1998-12-09
[30] US (60/130,597) 1999-04-22

[21] **2,320,102**
[13] A1
[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **DIRECT DETECTION OF RNA MEDIATED BY REVERSE TRANSCRIPTASE LACKING RNASE H FUNCTION**
[54] **DETECTION DIRECTE DE L'ARN AU MOYEN D'UNE TRANSCRIPTASE INVERSE DEPOURVUE DE FONCTION RIBONUCLEASE H**
[72] COLLIER, CLAYTON D., US
[72] DE LA ROSA, ABEL, US
[71] DIGENE CORPORATION, US
[85] 2000-08-04
[86] 1999-02-03 (PCT/US99/02382)
[87] 1999-08-12 (WO99/40224)
[30] US (09/020,067) 1998-02-06

[21] **2,320,103**
[13] A1
[51] **Int.Cl. 7E05D 11/10**
[25] EN
[54] **VEHICLE DOOR PROP CLIP**
[54] **PINCE D'APPUI POUR PORTIERE DE VEHICULE**
[72] KALLIOMAKI, ERIC, CA
[71] MULTIMATIC INC., CA
[85] 2000-08-04
[86] 1999-12-06 (PCT/CA99/01149)
[87] 2000-06-15 (WO00/34608)
[30] US (60/111,210) 1998-12-07
[30] US (09/453,277) 1999-12-03

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[21] **2,320,104**
[13] A1
[51] **Int.Cl. 6A61K 39/395 6A61K 38/13 6A61K 31/135 6A61K 31/165 6A61K 31/35 6A61K 31/44 6A61K 31/52 6A61K 31/57**
[25] EN
[54] **METHOD FOR THE PREVENTION AND TREATMENT OF A TYPE I HYPERSENSITIVITY DISORDER**
[54] **PROCEDE DE PREVENTION ET DE TRAITEMENT D'UN TROUBLE D'HYPERSENSIBILITE DE TYPE 1**
[72] WOLOSKI, BARRY MICHAEL RONALD, CA
[71] CANGENE CORPORATION, CA
[85] 2000-08-08
[86] 1999-02-09 (PCT/CA99/00109)
[87] 1999-08-19 (WO99/40939)
[30] US (60/074,269) 1998-02-10
[30] US (60/092,528) 1998-07-13

[21] **2,320,105**
[13] A1
[51] **Int.Cl. 6A61B 17/39**
[25] EN
[54] **APPARATUS TO DETECT AND ELECTROSURGICALLY TREAT ABERRANT MYOELECTRIC ACTIVITY**
[54] **APPAREIL DE DETECTION ET DE TRAITEMENT ELECTROCHIRURGICAL D'UNE ACTIVITE MYO-ELECTRIQUE ANORMALE**
[72] EDWARDS, STUART D., US
[71] CURON MEDICAL, INC., US
[85] 2000-08-08
[86] 1999-02-19 (PCT/US99/03764)
[87] 1999-08-26 (WO99/42045)
[30] US (09/026,085) 1998-02-19

[21] **2,320,106**
[13] A1
[51] **Int.Cl. 6C10G 71/00 6C07C 5/00 6C10G 35/04 6C10G 35/06 6C10G 35/085 6C10G 35/095 6C07C 5/13 6C07C 5/22**
[25] EN
[54] **PROCESS FOR IMPROVING BASESTOCK LOW TEMPERATURE PERFORMANCE USING A COMBINATION CATALYST SYSTEM**
[54] **PROCEDE D'AMELIORATION DES PERFORMANCES D'UNE MATIERE DE BASE, A BASSE TEMPERATURE, A L'AIDE D'UN SYSTEME CATALYSEUR COMBINE**
[72] MCVICKER, GARY BRICE, US
[72] HANTZER, SYLVAIN, US
[72] LINEK, SANDRA JEAN, US
[72] MURPHY, WILLIAM JOHN, US
[72] SOLED, STUART LEON, US
[72] CODY, IAN ALFRED, US
[72] WITTENBRINK, ROBERT JAY, US
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US
[85] 2000-08-08
[86] 1999-02-12 (PCT/US99/03006)
[87] 1999-08-19 (WO99/41334)
[30] US (60/074,722) 1998-02-13

[21] **2,320,107**
[13] A1
[51] **Int.Cl. 6G02F 1/295 6G02B 6/02 6G02B 6/136**
[25] EN
[54] **TUNABLE BRAGG GRATINGS AND DEVICES EMPLOYING THE SAME**
[54] **RESEAUX DE BRAGG ACCORDABLES ET DISPOSITIFS LES UTILISANT**
[72] SRINIVASAN, BALAJI, US
[72] JAIN, RAVINDER, US
[71] THE UNIVERSITY OF NEW MEXICO, US
[85] 2000-08-08
[86] 1999-02-08 (PCT/US99/02659)
[87] 1999-08-12 (WO99/40482)
[30] US (60/074,040) 1998-02-09

[21] **2,320,108**
[13] A1
[51] **Int.Cl. 6B65B 51/00 6B29C 65/08 6B65B 51/09 6B65B 9/12 6B65B 51/22**
[25] EN
[54] **APPARATUS AND METHOD FOR SEALING A TUBULAR CONTAINER**
[54] **APPAREIL ET PROCEDE DE FERMETURE D'UN EMBALLAGE TUBULAIRE**
[72] ERIKSSON, VILHO, SE
[71] ERIKSSON, VILHO, SE
[85] 2000-08-08
[86] 1999-02-10 (PCT/SE99/00176)
[87] 1999-08-12 (WO99/39979)
[30] SE (9800382-5) 1998-02-10
[30] SE (9804255-9) 1998-12-08

[21] **2,320,109**
[13] A1
[51] **Int.Cl. 6A61B 17/39**
[25] EN
[54] **APPARATUS TO ELECTROSURGICALLY TREAT ESOPHAGEAL SPHINCTERS**
[54] **APPAREIL POUR LE TRAITEMENT ELECTROCHIRURGICAL DU SPHINCTER OESOPHAGIEN**
[72] EDWARDS, STUART D., US
[71] CURON MEDICAL, INC., US
[85] 2000-08-08
[86] 1999-03-05 (PCT/US99/04930)
[87] 1999-09-10 (WO99/44522)
[30] US (09/036,092) 1998-03-06

[21] **2,320,110**
[13] A1
[51] **Int.Cl. 6A61B 17/39**
[25] EN
[54] **APPARATUS TO ELECTROSURGICALLY TREAT ESOPHAGEAL SPHINCTERS**
[54] **APPAREIL DE TRAITEMENT ELECTROCHIRURGICAL DES SPHINCTERS OESOPHAGIENS**
[72] EDWARDS, STUART D., US
[71] CURON MEDICAL, INC., US
[85] 2000-08-08
[86] 1999-02-26 (PCT/US99/04365)
[87] 1999-09-02 (WO99/43263)
[30] US (09/032,366) 1998-02-27

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[21] **2,320,111**
[13] A1

[51] **Int.Cl. 6A23L 2/38 6A23L 1/20**
[25] EN
[54] **PROCESS FOR PRODUCING BEVERAGES FROM NUT BUTTER AND THE PRODUCT THEREFR OM**
[54] **PROCEDE DE PRODUCTION DE BOISSONS A PARTIR DE BEURRE DE CACAHUETES ET PRODUIT AINSI PREPARE**
[72] STODDARD, MICHAEL G., US
[71] CALIFORNIA ALMOND GROWERS EXCHANGE, US
[85] 2000-08-08
[86] 1999-02-03 (PCT/US99/02265)
[87] 1999-08-12 (WO99/39591)
[30] US (09/020,824) 1998-02-09

[21] **2,320,112**
[13] A1

[51] **Int.Cl. 6G01N 27/447**
[25] EN
[54] **CAPILLARY ELECTROPHORESIS APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'ELECTROPHORESE CAPILLAIRE**
[72] MERENKOVA, IRENE N., RU
[72] BREVNOV, MAXIM, RU
[71] TETRAGEN, S.A., RU
[85] 2000-08-08
[86] 1999-02-19 (PCT/IB99/00465)
[87] 1999-08-26 (WO99/42819)
[30] US (09/027,426) 1998-02-20

[21] **2,320,113**
[13] A1

[51] **Int.Cl. 6C10G 71/00 6C07C 5/00 6C10G 45/00 6C10G 45/02 6C10G 35/06 6C10G 35/095 6C07C 5/13 6C07C 5/22**
[25] EN
[54] **A LUBE BASESTOCK WITH EXCELLENT LOW TEMPERATURE PROPERTIES AND A METHOD FOR MAKING**
[54] **MATIERE DE BASE DE LUBRIFIANT POSSEDANT D'EXCELLENTE PROPRIETES AUX BASSES TEMPERATURES ET SON PROCEDE DE FABRICATION**
[72] MURPHY, WILLIAM JOHN, US
[72] CODY, IAN ALFRED, US
[72] SILBERNAGEL, BERNARD GEORGE, US
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US
[85] 2000-08-08
[86] 1999-02-12 (PCT/US99/03007)
[87] 1999-08-19 (WO99/41335)
[30] US (60/074,617) 1998-02-13

[21] **2,320,114**
[13] A1

[51] **Int.Cl. 6C09J 4/04 6C08F 20/18 6C08F 4/42 6C08F 20/42 6C08F 2/48 6C08F 2/50**
[25] EN
[54] **RADIATION-CURABLE, CYANOACRYLATE-CONTAINING COMPOSITIONS**
[54] **COMPOSITIONS RENFERMANT DU CYANOACRYLATE DURCISSABLES PAR RAYONNEMENT**
[72] ATTARWALA, SHABBIR, US
[72] WOJCIAK, STAN, US
[71] LOCTITE CORPORATION, US
[85] 2000-08-08
[86] 1998-02-26 (PCT/US98/03819)
[87] 1998-09-03 (WO98/38260)
[30] US (08/805,193) 1997-02-27

[21] **2,320,115**
[13] A1

[51] **Int.Cl. 6C11D 3/22 6C11D 17/00 6A61K 7/48**
[25] EN
[54] **DETERGENT COMPOSITIONS**
[54] **COMPOSITIONS DETERGENTES**
[72] WILLIS, EDWIN, GB
[72] BROWN, CHARLES RUPERT TELFORD, GB
[72] CHATFIELD, ROBERT JAMES, GB
[72] ARONSON, MICHAEL PAUL, US
[71] UNILEVER PLC, GB
[85] 2000-08-08
[86] 1999-01-26 (PCT/EP99/00496)
[87] 1999-08-26 (WO99/42548)
[30] GB (9803770.8) 1998-02-23

[21] **2,320,116**
[13] A1

[51] **Int.Cl. 6C07D 215/38 6C07D 401/12 6C07D 405/12 6C07D 405/14 6A61K 31/47 6A61K 31/495**
[25] EN
[54] **2-AMINOQUINOLINE DERIVATIVES HAVING D4-AGONISTIC ACTIVITY**
[54] **DERIVES DE 2-AMINOQUINOLINE AYANT UNE ACTIVITE AGONISTE DU RECEPTEUR D4**
[72] RONKEN, ERIC, NL
[72] KRUSE, CORNELIS G., NL
[72] TULP, MARTINUS T. M., NL
[72] DEN HARTOG, JACOBUS A. J., NL
[72] VAN STEEN, BARTHOLOMEUS J., NL
[72] VISSER, GERBEN M., NL
[71] DUPHAR INTERNATIONAL RESEARCH B.V., NL
[85] 2000-08-08
[86] 1999-02-05 (PCT/EP99/00855)
[87] 1999-08-12 (WO99/40068)
[30] NL (98200399.8) 1998-02-09

[21] **2,320,117**
[13] A1

[51] **Int.Cl. 6C07H 15/10 6C07F 9/08 6C07F 9/22 6A61K 31/66 6A61K 31/70**
[25] EN
[54] **SPHINGOLIPID DERIVATIVES AND THEIR METHODS OF USE**
[54] **DERIVES DE SPHINGOLIPIDES ET PROCEDES D'UTILISATION**
[72] SCHMELZ, EVA M., US
[72] LIOTTA, DENNIS C., US
[72] BHALLA, KAPIL N., US
[72] MERRILL, ALFRED H., JR., US
[72] KEANE, THOMAS E., US
[71] EMORY UNIVERSITY, US
[85] 2000-08-08
[86] 1999-02-12 (PCT/US99/03093)
[87] 1999-08-19 (WO99/41266)
[30] US (60/074,536) 1998-02-12

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<p style="text-align: right;">[21] 2,320,118 [13] A1</p> <p>[51] Int.Cl. 6C07D 249/12 [25] EN [54] PROCESS FOR PREPARING ALKOXYTRIAZOLINONES [54] PROCEDE DE PREPARATION D'ALCOXYTRIAZOLINONES [72] CONRAD, MICHAEL, DE [72] DESAI, VIJAY C., DE [72] KULKARNI, SHEKHAR V., DE [72] LANTZSCH, REINHARD, DE [71] BAYER CORPORATION, US [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-08-08 [86] 1999-01-30 (PCT/EP99/00616) [87] 1999-08-19 (WO99/41243) [30] US (09/022,262) 1998-02-11</p>	<p style="text-align: right;">[21] 2,320,120 [13] A1</p> <p>[51] Int.Cl. 6C07D 413/14 6A61K 31/445 [25] EN [54] BENZISOXAZOLE DERIVATIVES HAVING D4-ANTAGONISTIC ACTIVITY [54] DERIVES DE BENZISOXASOLE AYANT UNE ACTIVITE ANTAGONISTE DU RECEPTEUR D4 [72] VAN STEEN, BARTHOLOMEUS J., NL [72] LANGE, JOSEPHUS H. M., NL [72] TULP, MARTINUS T. M., NL [72] VISSER, GERBEN M., NL [72] RONKEN, ERIC, NL [72] DEN HARTOG, JACOBUS A. J., NL [72] KRUSE, CORNELIS G., NL [71] DUPHAR INTERNATIONAL RESEARCH B.V., NL [85] 2000-08-08 [86] 1999-02-05 (PCT/EP99/00852) [87] 1999-08-12 (WO99/40067) [30] EP (98200400.4) 1998-02-09</p>	<p style="text-align: right;">[21] 2,320,122 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/18 [25] EN [54] TREATMENT PLANNING METHOD AND APPARATUS FOR RADIATION THERAPY [54] PROCEDE DE PLANIFICATION DES TRAITEMENTS ET APPAREIL DE RADIOTHERAPIE [72] SURRIDGE, MICHAEL, GB [71] UNIVERSITY OF SOUTHAMPTON, GB [85] 2000-08-08 [86] 1999-02-09 (PCT/GB99/00403) [87] 1999-08-12 (WO99/40523) [30] GB (9802635.4) 1998-02-09 [30] GB (9827379.0) 1998-12-11</p>
<p style="text-align: right;">[21] 2,320,119 [13] A1</p> <p>[51] Int.Cl. 7A41B 9/02 [25] EN [54] DISPOSABLE TRUNKS-TYPE PANTS AND PROCESS FOR MAKING THE SAME [54] CALECONS-SLIPS DU TYPE JETABLE ET LEUR PROCEDE DE PRODUCTION [72] KUWASHIRO, TAKEO, JP [72] SHINOHARA, TETSUSHI, JP [72] MATSUSHITA, MICHIO, JP [71] UNI-CHARM CO. LTD., JP [85] 2000-08-08 [86] 1999-12-09 (PCT/JP99/06925) [87] 2000-06-15 (WO00/33682) [30] JP (10-351844) 1998-12-10</p>	<p style="text-align: right;">[21] 2,320,121 [13] A1</p> <p>[51] Int.Cl. 6F27D 1/18 6F27D 17/00 6F27B 3/24 [25] EN [54] COOLED ROOF FOR ELECTRIC ARC FURNACES AND LADLE FURNACES [54] PLAFOND REFROIDI POUR FOURS ELECTRIQUES A ARC ET FOURS-POCHE [72] POLONI, ALFREDO, IT [72] PAVLICEVIC, MILORAD, IT [72] TISHCHENKO, PETER, UA [72] DELLA NEGRA, ANGELICO, IT [72] GENSINI, GIANNI, IT [71] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT [85] 2000-08-08 [86] 1999-02-08 (PCT/IB99/00221) [87] 1999-08-19 (WO99/41560) [30] IT (UD98A000018) 1998-02-11</p>	<p style="text-align: right;">[21] 2,320,123 [13] A1</p> <p>[51] Int.Cl. 7G01D 3/02 [25] EN [54] SENSOR SIGNAL CONDITIONER WITH CALIBRATION [54] CONDITIONNEUR DE SIGNAL DE CAPTEUR AVEC ETALONNAGE [72] WASHINGTON, RODNEY B., US [72] MASON, ROBERT C., US [71] SQUARE D COMPANY, US [85] 2000-08-08 [86] 1999-12-29 (PCT/US99/31190) [87] 2000-07-06 (WO00/39529) [30] US (09/222,615) 1998-12-29</p>

PCT Applications Entering the National Phase

[21] **2,320,125**
[13] A1

[51] **Int.Cl. 7G11B 20/12 7G11B 7/007 7G11B 27/034 7G11B 27/036**
[25] EN
[54] **METHOD AND DEVICE FOR RECORDING INFORMATION IN UNITS**
[54] **METHODE D'ENREGISTREMENT D'INFORMATION SOUS FORME D'UNITES ET DISPOSITIF CORRESPONDANT**
[72] BRONDIJK, ROBERT A., NL
[72] VAN DEN ENDEN, GIJSBERT J., NL
[72] SPRUIT, JOHANNES H. M., NL
[72] IJTSMA, POPE, NL
[72] ERADUS, JACOBUS M., NL
[72] DRENTEN, RONALD R., NL
[72] VAN VLERKEN, JOHANNES J. L. M., NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2000-08-08
[86] 1999-12-06 (PCT/EP99/09608)
[87] 2000-06-15 (WO00/34952)
[30] EP (98204167.5) 1998-12-09
[30] EP (99201186.6) 1999-04-16

[21] **2,320,127**
[13] A1

[51] **Int.Cl. 6B31F 1/07**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING AN EMBOSSED WEB MATERIAL AND PRODUCT MADE IN THIS WAY**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UN MATERIAU EN BANDE CONTINUE GAUFRE ET PRODUIT AINSI OBTENU**
[72] BIAGIOTTI, GUGLIELMO, IT
[71] FABIO PERINI S.P.A., IT
[85] 2000-08-08
[86] 1999-03-01 (PCT/IT99/00051)
[87] 1999-09-10 (WO99/44814)
[30] IT (FI98A46) 1998-03-02
[30] IT (FI98A000139) 1998-06-10

[21] **2,320,137**
[13] A1

[51] **Int.Cl. 6F02G 1/055**
[25] EN
[54] **IMPROVEMENTS IN A STIRLING ENGINE BURNER**
[54] **PERFECTIONNEMENTS PORTANT SUR UN BRULEUR DE MOTEUR STIRLING**
[72] CLUCAS, DONALD MURRAY, NZ
[72] MENTINK, GEOFFREY JAMES, NZ
[71] WHISPER TECH LIMITED, NZ
[85] 2000-08-04
[86] 1999-02-05 (PCT/NZ99/00013)
[87] 1999-08-12 (WO99/40309)
[30] NZ (329712) 1998-02-05

[21] **2,320,138**
[13] A1

[51] **Int.Cl. 6A61N 5/10**
[25] EN
[54] **THERAPEUTIC INSTRUMENT FOR TREATING OR RELIEVING PSORIASIS, ATOPIC DERMATITIS, ARTICULAR RHEUMATISM AND/OR CANCER OR PREVENTING THE PROGRESS OF THESE DISEASES AND METHOD OF UTILIZATION THEREOF**
[54] **INSTRUMENT THERAPEUTIQUE PERMETTANT DE TRAITER OU DE GUERIR LE PSORIASIS, L'ECZEMA CONSTITUTIONNEL, LES RHUMATISMES ARTICULAIRES ET/OU LE CANCER OU D'EMPECHER LA PROGRESSION DE CES MALADIES ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] MORISHIGE, FUKUMI, JP
[71] MORISHIGE, NORITSUGU, JP
[71] MORISHIGE, FUMIE, JP
[85] 2000-08-04
[86] 1999-02-03 (PCT/JP99/00446)
[87] 1999-08-12 (WO99/39771)
[30] JP (10/39641) 1998-02-05
[30] JP (10/142195) 1998-05-08

[21] **2,320,139**
[13] A1

[51] **Int.Cl. 6H04N 1/00**
[25] EN
[54] **DOCUMENT SELECTION SYSTEM**
[54] **SYSTEME DE SELECTION DE DOCUMENTS**
[72] BENJAMIN, DENNIS ANDREW, AU
[71] A PTY. LTD., AU
[85] 2000-08-04
[86] 1999-02-05 (PCT/AU99/00078)
[87] 1999-08-12 (WO99/40718)
[30] AU (PP1639) 1998-02-05

[21] **2,320,140**
[13] A1

[51] **Int.Cl. 6B65D 85/36 6B65D 81/26**
[25] EN
[54] **FOOD TRANSPORTATION CONTAINER**
[54] **RECIPIENT DE TRANSPORT D'ALIMENTS**
[72] MULLIN, ROBERT T., US
[71] POP'S PAK, LTD., US
[85] 2000-08-04
[86] 1999-02-02 (PCT/US99/02330)
[87] 1999-08-12 (WO99/39993)
[30] US (09/018,701) 1998-02-04

[21] **2,320,142**
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 17/30**
[25] EN
[54] **SYSTEM FOR HANDLING ELECTRONIC MAIL**
[54] **SYSTEME DE GESTION DE COURRIER ELECTRONIQUE**
[72] RODDA, NICHOLAS ALAN, AU
[72] BENJAMIN, DENNIS ANDREW, AU
[71] A PTY. LTD., AU
[85] 2000-08-04
[86] 1999-02-05 (PCT/AU99/00079)
[87] 1999-08-12 (WO99/40527)
[30] AU (PP1638) 1998-02-05
[30] AU (PP5947) 1998-09-16

[21] **2,320,143**
[13] A1

[51] **Int.Cl. 7C09K 3/10 7C08L 23/10 7C08L 23/16**
[25] EN
[54] **BOTTLE CLOSURES MADE OF POLYOLEFINS**
[54] **FERMETURES DE BOUTEILLES CONSTITUEES DE POLYOLEFINES**
[72] ANGELINI, ANTONELLA, IT
[72] SCHWEDA, RAINER, DE
[72] PITTERI, SILVIO, BE
[71] MONTELL TECHNOLOGY COMPANY B.V., NL
[85] 2000-08-04
[86] 1999-12-16 (PCT/EP99/10009)
[87] 2000-07-06 (WO00/39238)
[30] EP (98204397.8) 1998-12-24

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[21] **2,320,146**
[13] A1

[51] **Int.Cl. 6H04M 3/56 6H04M 3/38**
[25] EN
[54] **TELECOMMUNICATIONS PLATFORM**
[54] **PLATE-FORME DE TELECOMMUNICATION**
[72] MIDWINTER, TIMOTHY, GB
[72] DANIELS, IAN GEOFFREY, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2000-08-04
[86] 1999-02-08 (PCT/GB99/00394)
[87] 1999-08-19 (WO99/41896)
[30] EP (98301070.3) 1998-02-13
[30] GB (9803139.6) 1998-02-13

[21] **2,320,148**
[13] A1

[51] **Int.Cl. 6B65H 67/06 6B65B 61/02 6G06K 1/12 6B07C 3/18**
[25] EN
[54] **METHOD OF MARKING PAPER, BOARD AND CELLULOSE WEB ROLLS**
[54] **PROCEDE DE MARQUAGE DE ROULEAUX DE FEUILLES CONTINUES DE PAPIER, DE CARTON ET DE CELLULOSE**
[72] AIMONEN, PERTTI, FI
[72] NIEMINEN, ESKO, FI
[71] VALMET CORPORATION, FI
[85] 2000-08-04
[86] 1999-03-02 (PCT/FI99/00161)
[87] 1999-09-10 (WO99/44935)
[30] FI (980474) 1998-03-02

[21] **2,320,151**
[13] A1

[51] **Int.Cl. 6G10L 5/06**
[25] EN
[54] **SPEECH RECOGNITION DICTIONARY ENLARGEMENT USING DERIVED WORDS**
[54] **EXTENSION DE DICTIONNAIRE DE SYSTEME DE RECONNAISSANCE VOCALE AU MOYEN DE MOTS DERIVES**
[72] SCHOOF, KOEN, BE
[72] GALLOPYN, GUIDO, BE
[71] LERNOUT & HAUSPIE SPEECH PRODUCTS N.V., BE
[85] 2000-08-04
[86] 1999-03-24 (PCT/IB99/00673)
[87] 1999-10-07 (WO99/50829)
[30] US (60/079,706) 1998-03-27

[21] **2,320,155**
[13] A1

[51] **Int.Cl. 6C01G 53/00 6C01G 45/00 6C01G 51/00 6H01M 4/48**
[25] EN
[54] **METHOD FOR PRODUCING LITHIUM-TRANSITION METAL MIXTURES**
[54] **PROCEDE DE PRODUCTION DE SELS DE MELANGES LITHIUM-METAUX DE TRANSITION**
[72] SCHILD, CHRISTOPH, DE
[72] STOLLER, VIKTOR, DE
[72] PROSS, EVELYN, DE
[72] KRYNITZ, ULRICH, DE
[72] KUMMER, WOLFGANG, DE
[72] BENZ, MATHIAS, DE
[72] MEESE-MARKTSCHIEFFEL, JULIANE, DE
[72] SCHWEDA, WOLFGANG, DE
[72] SCHMOLL, JOSEF, DE
[72] LEIBERICH, RICARDA, DE
[72] DUFF, DANIEL, DE
[71] H.C. STARCK GMBH & CO. KG, DE
[85] 2000-08-04
[86] 1998-08-13 (PCT/EP98/05150)
[87] 1999-08-12 (WO99/40029)
[30] WO (PCT/EP98/00697) 1998-02-09

[21] **2,320,162**
[13] A1

[51] **Int.Cl. 6A61K 7/26 6A61K 7/16**
[25] EN
[54] **COMPOSITION FOR THE TREATMENT OF HALITOSIS**
[54] **COMPOSITION POUR LE TRAITEMENT DE LA MAUVAISE HALEINE**
[72] ALVAREZ HERNANDEZ, MARIA, ES
[71] BIOCOSMETICS, S.L., ES
[85] 2000-08-04
[86] 1998-06-26 (PCT/ES98/00184)
[87] 1999-08-12 (WO99/39686)
[30] ES (P 9800228) 1998-02-06

[21] **2,320,163**
[13] A1

[51] **Int.Cl. 7C07D 309/30 7C07D 319/06**
[25] EN
[54] **PROCESS FOR PRODUCING SIMVASTATIN**
[54] **PROCEDE DE PRODUCTION DE SIMVASTATINE**
[72] INOUE, KENJI, US
[72] TAOKA, NAOAKI, US
[71] KANEKA CORPORATION, JP
[85] 2000-08-09
[86] 1999-12-10 (PCT/JP99/06929)
[87] 2000-06-15 (WO00/34264)
[30] JP (10/351865) 1998-12-10

[21] **2,320,165**
[13] A1

[51] **Int.Cl. 6H04Q 7/38**
[25] EN
[54] **METHOD AND DEVICE IN A MOBILE TELECOMMUNICATIONS NETWORK**
[54] **PROCEDE ET DISPOSITIF MIS EN APPLICATION DANS UN RESEAU DE TELECOMMUNICATIONS MOBILE**
[72] HORNFELDT, JAN, SE
[72] GUSTAFSSON, BO, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-08-04
[86] 1999-02-09 (PCT/SE99/00165)
[87] 1999-08-19 (WO99/41933)
[30] SE (9800409-6) 1998-02-12

[21] **2,320,167**
[13] A1

[51] **Int.Cl. 6C07D 285/135 6C07D 417/12 6A61K 31/41**
[25] EN
[54] **1,3,4-THIADIAZOLES USEFUL FOR THE TREATMENT OF CMV INFECTIONS**
[54] **1,3,4-THIADIAZOLES UTILES POUR LE TRAITEMENT D'INFECTIONS A CMV**
[72] TURNER, STEVEN R., US
[72] THAISRIVONGS, SUVIT, US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2000-08-09
[86] 1999-03-16 (PCT/US99/03744)
[87] 1999-09-23 (WO99/47507)
[30] US (60/078,528) 1998-03-19

[21] **2,320,168**
[13] A1

[51] **Int.Cl. 6C02F 1/28 6C02F 1/42 6C02F 1/44**
[25] EN
[54] **SHOWER APPARATUS**
[54] **APPAREIL DE DOUCHE**
[72] HATAKEYAMA, ATSUSHI, JP
[72] SASAKI, TSUTOMU, JP
[72] SASAKI, SATOSHI, JP
[71] MITSUBISHI RAYON CO., LTD., JP
[85] 2000-08-09
[86] 1999-02-08 (PCT/JP99/00521)
[87] 1999-08-12 (WO99/40244)
[30] JP (10-44368) 1998-02-09

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[21] **2,320,170**
[13] A1

[51] **Int.Cl. 6C11D 17/00 6C11D 3/08 6C11D 1/14 6C11D 1/22 6C11D 1/37 6C11D 3/395 6C11D 3/50**
[25] EN
[54] **TOILET CLEANING BLOCKS**
[54] **BLOCS NETTOYANTS POUR W-C**
[72] TUMMILO, ROBERTO, IT
[72] OLIVA, MARCO, IT
[72] BOLZONI, GIUSEPPE VINCENZO, IT
[72] MORRIS, RONALD MEREDITH, HU
[71] UNILEVER PLC, GB
[85] 2000-08-09
[86] 1999-03-22 (PCT/EP99/01899)
[87] 1999-10-21 (WO99/53012)
[30] EP (98302785.5) 1998-04-09

[21] **2,320,172**
[13] A1

[51] **Int.Cl. 6H04Q 7/38**
[25] EN
[54] **METHODS AND APPARATUS FOR LOCATION AREA SCHEME NEGOTIATION IN COMMUNICATIONS SYSTEMS**
[54] **PROCEDES ET APPAREILS DESTINES A LA NEGOCIATION DE SCHEMAS DE ZONE DE LOCALISATION DANS DES SYSTEMES DE COMMUNICATION**
[72] RUNE, JOHAN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-08-04
[86] 1999-02-02 (PCT/SE99/00134)
[87] 1999-08-12 (WO99/40751)
[30] US (09/021,378) 1998-02-10

[21] **2,320,173**
[13] A1

[51] **Int.Cl. 6C07D 213/20 6C07B 45/02**
[25] EN
[54] **SYNTHESIS OF 1-(2-SULPHOETHYL)-PYRIDINIUM BETAINE**
[54] **SYNTHESE DE BETAINE DE 1-(2-SULFOETHYL)-PYRIDINIUM**
[72] HILDEBRANDT, SOREN, DE
[72] WAGNER, NORBERT, DE
[72] KRONER, RUDI, DE
[72] BOGENSTATTER, THOMAS, DE
[72] KAPPES, ELISABETH, DE
[72] BRODT, GREGOR, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2000-08-10
[86] 1999-01-22 (PCT/EP99/00431)
[87] 1999-08-19 (WO99/41236)
[30] DE (198 05 487.4) 1998-02-11

[21] **2,320,175**
[13] A1

[51] **Int.Cl. 6B65G 47/252 6B65H 5/34**
[25] EN
[54] **DEVICE FOR SEPARATING FROM EACH OTHER A PLURALITY OF ARTICLES WHICH ARE IN CONTACT WITH EACH OTHER**
[54] **DISPOSITIF SERVANT A SEPARER LES UNS DES AUTRES PLUSIEURS ARTICLES EN CONTACT ENTRE EUX**
[72] BIAGIOTTI, GUGLIELMO, IT
[71] FABIO PERINI S.P.A., IT
[85] 2000-08-09
[86] 1999-03-11 (PCT/IT99/00058)
[87] 1999-09-16 (WO99/46193)
[30] IT (FI98A000058) 1998-03-13

[21] **2,320,176**
[13] A1

[51] **Int.Cl. 7C07C 271/22 7C07J 41/00 7C07F 7/08 7C07C 229/22 7C07C 229/28 7A61K 7/32 7C07C 229/36 7C07C 233/47**
[25] EN
[54] **SERINE CARBONATES**
[54] **CARBONATES DE SERINE**
[72] WITTENBERG, JENS, CH
[72] STREUSAND GOLDMAN, VIRGINIA, US
[72] FRATER, GEORG, CH
[72] ANDERSON, DENISE, CH
[72] KUMLI, FRANK, CH
[71] GIVAUDAN SA, CH
[85] 2000-08-04
[86] 1999-12-07 (PCT/CH99/00585)
[87] 2000-06-15 (WO00/34232)
[30] EP (98811209.0) 1998-12-08

[21] **2,320,178**
[13] A1

[51] **Int.Cl. 6G01H 9/00 6G01S 17/50 6G01S 17/88**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO SOUND DETECTION**
[54] **PERFECTIONNEMENTS PORTANT SUR LA DETECTION DE SONS**
[72] LANGDON, ROGER MARTIN, GB
[71] MARCONI ELECTRONIC SYSTEMS LIMITED, GB
[85] 2000-08-04
[86] 1999-01-18 (PCT/GB99/00151)
[87] 1999-08-12 (WO99/40398)
[30] GB (9802688.3) 1998-02-06

[21] **2,320,179**
[13] A1

[51] **Int.Cl. 6F02D 41/14 6F02D 41/16 6F02D 41/38**
[25] EN
[54] **METHOD FOR REGULATING THE ENGINE SPEED IN MULTI-CYLINDER INTERNAL COMBUSTION ENGINES**
[54] **PROCEDE POUR REGULER LE REGIME DE MOTEURS A COMBUSTION INTERNE A PLUSIEURS CYLINDRES**
[72] FLACH, MICHAEL, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2000-08-04
[86] 1999-02-08 (PCT/DE99/00335)
[87] 1999-08-12 (WO99/40308)
[30] DE (198 05 113.1) 1998-02-09

[21] **2,320,180**
[13] A1

[51] **Int.Cl. 6C07C 403/08 6A61K 31/045 6C07F 7/18**
[25] EN
[54] **CYCLOHEXANEDIOL DERIVATIVES**
[54] **DERIVES DE CYCLOHEXANEDIOL**
[72] MOHR, PETER, CH
[72] PIRSON, WOLFGANG, DE
[72] MULLER, MARC, FR
[72] BAUER, FRANZ, CH
[72] BARBIER, PIERRE, FR
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2000-08-09
[86] 1999-02-20 (PCT/EP99/01118)
[87] 1999-09-02 (WO99/43646)
[30] EP (98103346.7) 1998-02-26

[21] **2,320,182**
[13] A1

[51] **Int.Cl. 6A61K 9/08 6A61K 47/10 6A61K 47/18 6A61K 9/19 6A61K 31/335 6A61K 31/365**
[25] EN
[54] **COMPOSITIONS CONTAINING ORGANIC COMPOUNDS**
[54] **COMPOSITIONS CONTENANT DES COMPOSES ORGANIQUES**
[72] VAN HOOGEVEST, PETER, CH
[71] NOVARTIS AG, CH
[85] 2000-08-04
[86] 1999-02-03 (PCT/EP99/00702)
[87] 1999-08-12 (WO99/39694)
[30] GB (9802451.6) 1998-02-05
[30] GB (9813646.8) 1998-06-24

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<p style="text-align: right;">[21] 2,320,183 [13] A1</p> <p>[51] Int.Cl. 6G04B 47/00 6A61B 5/02 [25] EN [54] METHOD FOR PROCESSING PERSONAL DATA [54] PROCEDE DE TRAITEMENT DE DONNEES PERSONNELLES [72] DOTTER, JAMES E., US [71] BIOMETRICS, INC., US [85] 2000-08-10 [86] 1998-02-11 (PCT/US98/02407) [87] 1999-08-19 (WO99/41647)</p>	<p style="text-align: right;">[21] 2,320,190 [13] A1</p> <p>[51] Int.Cl. 6C07K 1/14 6B01D 15/00 6C07K 14/47 [25] EN [54] A METHOD FOR THE REMOVAL OF CAUSATIVE AGENT(S) OF TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHIES FROM PROTEIN SOLUTIONS [54] PROCEDE D'ELIMINATION DU OU DES AGENTS ETIOLOGIQUES DES SPONGIFORMES TRANSMISSIBLES, DE SOLUTIONS PROTEIQUES [72] MORGENTHALER, JEAN-JACQUES, CH [72] RENTSCH, MARKUS, CH [72] MARING, JACQUES-ANDRE, CH [71] ROTKREUZSTIFTUNG ZENTRALLABORATORIUM BLUTSPENDEDIENST SRK, CH [85] 2000-08-09 [86] 1998-12-14 (PCT/EP98/08166) [87] 1999-08-19 (WO99/41274) [30] EP (98810108.5) 1998-02-11</p>	<p style="text-align: right;">[21] 2,320,193 [13] A1</p> <p>[51] Int.Cl. 6A61K 47/30 [25] EN [54] PREPARATIONS WITH CONTROLLED RELEASE [54] PREPARATIONS A LIBERATION CONTROLEE [72] OMURA, TOMOYUKI, JP [71] WELFIDE CORPORATION, JP [85] 2000-08-09 [86] 1999-02-10 (PCT/JP99/00570) [87] 1999-08-19 (WO99/40942) [30] JP (28365/1998) 1998-02-10</p>
<p style="text-align: right;">[21] 2,320,185 [13] A1</p> <p>[51] Int.Cl. 6G08B 13/187 [25] EN [54] LABEL/TAG WITH EMBEDDED SIGNALING DEVICE AND METHOD AND APPARATUS FOR MAKING AND USING [54] VIGNETTE/ETIQUETTE A DISPOSITIF DE SIGNALISATION INCORPORE ET PROCEDE ET APPAREIL DE FABRICATION ET D'UTILISATION [72] GERMERAAD, PAUL B., US [72] CONTI, NORMAN A., US [71] AVERY DENNISON CORPORATION, US [85] 2000-08-09 [86] 1999-02-11 (PCT/US99/02894) [87] 1999-08-19 (WO99/41721) [30] US (09/022,174) 1998-02-11</p>	<p style="text-align: right;">[21] 2,320,191 [13] A1</p> <p>[51] Int.Cl. 7B05D 5/00 7B01J 35/02 7B05D 7/24 [25] EN [54] COATING LIQUID FOR PHOTOCATALYST-CONTAINING COATING FILM COMPRISING ORGANIC COLORING MATTER [54] LIQUIDE D'ENDUIT COMPRENANT UN COLORANT ORGANIQUE POUR FILM D'ENDUIT CONTENANT UN PHOTOCATALYSEUR [72] MATSUI, YOSHIMITSU, JP [72] OGATA, SHIRO, JP [72] TANAKA, SHUN'ICHI, JP [72] TAKECHI, HIROAKI, JP [71] TAO INC., JP [71] BAU KENSETSU KABUSHIKI KAISHA, JP [85] 2000-08-04 [86] 1999-12-06 (PCT/JP99/06825) [87] 2000-06-15 (WO00/33977) [30] JP (10-347298) 1998-12-07</p>	<p style="text-align: right;">[21] 2,320,194 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/38 [25] EN [54] METHOD AND SYSTEM FOR SELECTING CONTROL CHANNELS FROM BASE STATIONS LOCATED NEAR A BORDER BETWEEN RADIO TELECOMMUNICATIONS NETWORKS [54] PROCEDE ET SYSTEME POUR LA SELECTION DE VOIES DE COMMANDE LIEES A DES STATIONS DE BASE SITUEES A PROXIMITE D'UNE LIMITE ENTRE RESEAUX DE RADIOCOMMUNICATION [72] AUGUSTINUS, GREG, AU [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-08-09 [86] 1999-02-05 (PCT/SE99/00153) [87] 1999-08-19 (WO99/41932) [30] US (09/021,911) 1998-02-11</p>
<p style="text-align: right;">[21] 2,320,187 [13] A1</p> <p>[51] Int.Cl. 6H03F 3/60 [25] EN [54] MICROWAVE AMPLIFIER [54] AMPLIFICATEUR DE MICRO-ONDES [72] UCHIDA, HIROMITSU, JP [72] OHSHIMA, TAKESHI, JP [72] ITOH, YASUSHI, JP [71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP [85] 2000-08-04 [86] 1999-06-10 (PCT/JP99/03114) [87] 2000-06-15 (WO00/35084) [30] JP (10/347519) 1998-12-07</p>	<p style="text-align: right;">[21] 2,320,195 [13] A1</p> <p>[51] Int.Cl. 6E21B 43/12 6E21B 47/024 6E21B 23/03 6E21B 34/06 [25] EN [54] SEIDPOCKET MANDREL FOR ORIENTING A GAS LIFT VALVE [54] MANDRIN A POCHE LATERALE POUR L'ORIENTATION D'UNE SOUPEPE DE GAS-LIFT [72] PRINGLE, RONALD E., US [71] CAMCO INTERNATIONAL, INC., US [85] 2000-08-04 [86] 1999-02-05 (PCT/US99/02548) [87] 2000-01-06 (WO00/00717) [30] US (60/073,942) 1998-02-06</p>	

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[21] **2,320,196**
[13] A1

[51] **Int.Cl. 6F24J 1/00 6A61F 7/03 6A47J 36/28**
[25] EN
[54] **LIQUID HEAT PACK**
[54] **CONTENANT A CHAUFFER DU LIQUIDE**
[72] SABIN, MARTIN W., US
[72] GUARINO, BARNEY J., US
[72] SABIN, CULLEN M., US
[71] TEMPRA TECHNOLOGY, INC., US
[85] 2000-08-09
[86] 1999-02-10 (PCT/US99/02905)
[87] 1999-08-19 (WO99/41554)
[30] US (09/021,927) 1998-02-11

[21] **2,320,197**
[13] A1

[51] **Int.Cl. 6B60T 7/00 6B60T 13/74**
[25] EN
[54] **INTEGRATED TRAIN ELECTRICAL AND PNEUMATIC BRAKES**
[54] **FREINS ELECTROPNEUMATIQUES INTEGRÉS POUR TRAINS**
[72] MCLAUGHLIN, BRYAN M., US
[72] ALLEN, JOHN J., US
[72] STEVENS, DALE R., US
[72] ROOT, KEVIN B., US
[71] NEW YORK AIR BRAKE CORPORATION, US
[85] 2000-08-10
[86] 1998-11-10 (PCT/US98/23766)
[87] 1999-05-20 (WO99/24298)
[30] US (60/065,064) 1997-11-10

[21] **2,320,198**
[13] A1

[51] **Int.Cl. 6A24B 3/18 6A24B 15/00 6A24B 15/10 6A24B 15/30**
[25] EN
[54] **TOBACCO PRODUCTS WITH VITAMIN E**
[54] **PRODUITS DU TABAC A LA VITAMINE E**
[72] RUSSO, JOSEPH D., US
[71] ROUSSEAU RESEARCH, INC., US
[85] 2000-08-08
[86] 1999-02-03 (PCT/US99/02287)
[87] 1999-08-12 (WO99/39595)
[30] US (09/020,958) 1998-02-09
[30] US (09/064,021) 1998-04-21

[21] **2,320,199**
[13] A1

[51] **Int.Cl. 6D21F 11/00**
[25] EN
[54] **APPLICATION OF A LAYER OF ADMIXTURE IN THE WEB FORMER UNIT OF A BOARD MACHINE**
[54] **APPLICATION D'UNE COUCHE D'ADJUVANT DANS UN ENSEMBLE FORMEUR D'UNE MACHINE A CARTON**
[72] RAISANEN, KARI OLAVI, FI
[72] KORHONEN, HANNU, FI
[72] KINNUNEN, JUHA S., FI
[72] VIERTOLA, MIKA, FI
[71] VALMET CORPORATION, FI
[85] 2000-08-08
[86] 1999-02-03 (PCT/FI99/00075)
[87] 1999-08-12 (WO99/40256)
[30] FI (980287) 1998-02-09

[21] **2,320,200**
[13] A1

[51] **Int.Cl. 6C09C 1/00**
[25] EN
[54] **PEARLESCENT PIGMENTS CONTAINING FERRITES**
[54] **PIGMENTS NACRES CONTENANT DES FERRITES**
[72] JONES, STEVEN ALAN, US
[71] ENGELHARD CORPORATION, US
[85] 2000-08-08
[86] 1998-12-10 (PCT/US98/26297)
[87] 1999-09-02 (WO99/43755)
[30] US (09/031,925) 1998-02-27

[21] **2,320,201**
[13] A1

[51] **Int.Cl. 6A63B 67/02**
[25] EN
[54] **GOLF COURSE, GOLF PARK AND ASSOCIATED METHOD OF PLAYING A GOLF GAME**
[54] **TERRAIN DE GOLF, PARC DE GOLF ET TECHNIQUE DE JEU DE GOLF ASSOCIEE**
[72] WILK, PETER J., US
[71] WILK PATENT DEVELOPMENT CORPORATION, US
[85] 2000-08-10
[86] 1999-02-08 (PCT/US99/02724)
[87] 1999-08-19 (WO99/40978)
[30] US (09/022,819) 1998-02-12

[21] **2,320,202**
[13] A1

[51] **Int.Cl. 6A61K 35/34 6A61K 31/65**
[25] EN
[54] **AGENTS AND METHODS FOR PROTECTION, TREATMENT AND REPAIR OF CONNECTIVE TISSUE**
[54] **AGENTS ET PROCEDES DE PROTECTION, DE TRAITEMENT ET DE REPARATION DE TISSU CONJONCTIF**
[72] HAMMAD, TAREK, US
[72] HENDERSON, TODD R., US
[72] CORSON, BARBARA E., US
[72] LIPPIELLO, LOUIS, US
[72] SOLIMAN, MEDHAT, US
[71] NUTRAMAX LABORATORIES, INC., US
[85] 2000-08-09
[86] 1999-02-12 (PCT/US99/03019)
[87] 1999-08-19 (WO99/40926)
[30] US (60/074,594) 1998-02-13

[21] **2,320,203**
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 7/06**
[25] EN
[54] **RESIN COMPOSITION FOR COSMETICS**
[54] **COMPOSITION A BASE DE RESINE A USAGE COSMETIQUE**
[72] TSUZUKI, TOSHITAKA, JP
[72] ASAOKA, SEIJI, JP
[72] KOYAMA, KATSUYA, JP
[72] SAKURAI, TAKAHIRO, JP
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[85] 2000-08-08
[86] 1999-02-08 (PCT/US99/02960)
[87] 1999-08-12 (WO99/39688)
[30] JP (10/27595) 1998-02-09

[21] **2,320,204**
[13] A1

[51] **Int.Cl. 6A61K 31/48**
[25] EN
[54] **USE OF CABERGOLINE IN THE TREATMENT OF RESTLESS LEGS SYNDROME**
[54] **UTILISATION DE CABERGOLINE POUR TRAITER LES IMPATIENCES DES MEMBRES INFERIEURS**
[72] SCHUELER, PETER, DE
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2000-08-09
[86] 1999-03-24 (PCT/US99/04269)
[87] 1999-09-30 (WO99/48484)
[30] US (60/079,639) 1998-03-27

Demandes PCT entrant en phase nationale

[21] **2,320,205**
[13] A1
[51] **Int.Cl. 6B30B 9/32 6B30B 9/30**
[25] EN
[54] **METHOD FOR OPERATING A SHEARING AND COMPACTING PRESS AND SHEARING AND COMPACTING PRESS**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE PRESSE A PAQUETS PAR CISAILLEMENT ET PRESSE A PAQUETS PAR CISAILLEMENT**
[72] LEHMANN, OTTFRIED, DE
[72] BOMBOSCH, GUNTER, DE
[72] SCHALLA, JURGEN, DE
[72] VAN DER BEEK, AUGUST, DE
[72] FISCHER, WALTER, DE
[72] KRIESE, VOLKER, DE
[71] SVEDALA LINDEMANN GMBH, DE
[85] 2000-08-08
[86] 1999-01-22 (PCT/DE99/00160)
[87] 1999-08-12 (WO99/39900)
[30] DE (198 04 789.4) 1998-02-06

[21] **2,320,206**
[13] A1
[51] **Int.Cl. 6C07C 51/265 6C01B 7/09 6C07C 29/124 6C07C 63/26**
[25] EN
[54] **PROCESS FOR PREPARING AROMATIC CARBOXYLIC ACIDS WITH EFFICIENT TREATMENTS OF GASEOUS EFFLUENT**
[54] **PROCEDE DE PREPARATION D'ACIDES CARBOXYLIQUES AROMATIQUES AU MOYEN DE TRAITEMENTS EFFICACES D'EFFLUENT GAZEUX**
[72] BHATTACHARYYA, ALAKANANDA, US
[72] BROEKER, JEFFREY L., US
[72] BELMONTE, FRANK G., US
[72] BARTOS, THOMAS M., US
[72] ABRAMS, KENNETH J., US
[72] KARACHEWSKI, ANNE M., US
[72] ROSEN, BRUCE I., US
[71] BP AMOCO CORPORATION, US
[85] 2000-08-09
[86] 1999-02-08 (PCT/US99/02619)
[87] 1999-08-19 (WO99/41221)
[30] US (60/074,371) 1998-02-11
[30] US (09/245,214) 1999-02-05

[21] **2,320,207**
[13] A1
[51] **Int.Cl. 7G10H 7/00**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING MUSIC DATA**
[54] **APPAREIL ET PROCEDE DE CREATION DE DONNEES DE MUSIQUE**
[72] YAMANOU, KAORU, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
[85] 2000-08-10
[86] 1999-12-16 (PCT/JP99/07071)
[87] 2000-06-22 (WO00/36588)
[30] JP (10/358795) 1998-12-17

[21] **2,320,208**
[13] A1
[51] **Int.Cl. 6C09K 3/00 6C12Q 1/00 6C07F 9/06**
[25] EN
[54] **CHEMILUMINESCENT REACTIONS USING DIHYDROXYAROMATIC COMPOUNDS AND HETEROCYCLIC ENOL PHOSPHATES**
[54] **REACTIONS DE CHIMILUMINESCENCE DANS LESQUELLES DES COMPOSES DIHYDROXYAROMATIQUES ET DES PHOSPHATES D'ENOL HETEROCYCLIQUES SONT UTILISES**
[72] AKHAVAN-TAFTI, HASHEM, US
[71] LUMIGEN, INC., US
[85] 2000-08-09
[86] 1999-06-12 (PCT/US98/11489)
[87] 1999-08-12 (WO99/40161)
[30] US (09/021,322) 1998-02-10

[21] **2,320,209**
[13] A1
[51] **Int.Cl. 6A63F 9/22 6H04N 7/14**
[25] EN
[54] **METHOD AND DEVICE FOR ESTABLISHING CONTACT, BASED ON THE TELECOMMUNICATIONS NETWORK, BETWEEN A SELECTION OF TV-VIEWERS AND AN ESTABLISHED GAME PROGRAM**
[54] **METHODE ET DISPOSITIF POUR ETABLIR LE CONTACT, BASE SUR UN RESEAU DE TELECOMMUNICATION, ENTRE UNE SELECTION DE TELESPECTATEURS ET D'UNE EMISSION PROGRAMMEE ETABLIE**
[72] NYBORG, MORTEN, NO
[71] INTERMERCIAL AS, NO
[85] 2000-08-08
[86] 1999-02-18 (PCT/NO99/00053)
[87] 1999-08-26 (WO99/42187)
[30] NO (19980714) 1998-02-20
[30] NO (19985731) 1998-12-08

[21] **2,320,211**
[13] A1
[51] **Int.Cl. 6B01D 47/02 6B01D 53/04**
[25] EN
[54] **SYSTEM AND METHOD FOR CAPTURING AND DESTROYING HAP/VOC SUBSTANCES USING MICROBIAL DEGRADATION**
[54] **SYSTEME ET PROCEDE DE CAPTURE ET DE DESTRUCTION DE SUBSTANCES HAP/VOC PAR DEGRADATION MICROBIENNE**
[72] SEAGLE, EDWARD D., US
[71] AGRI MICROBE SALES, L.C., US
[85] 2000-08-08
[86] 1998-12-18 (PCT/US98/26921)
[87] 1999-09-02 (WO99/43414)
[30] US (09/030,088) 1998-02-25

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[21] **2,320,214**
[13] A1

[51] **Int.Cl. 6H04R 25/00**
[25] EN
[54] **EARPHONE WITHOUT IMPULSE NOISE FOR PROTECTION AGAINST CONDUCTIVE HEARING LOSS**
[54] **ECOUTEUR EXEMPT DE BRUIT IMPULSIF ET SERVANT A LA PROTECTION CONTRE LA SURDITE DE CONDUCTION**
[72] LIN, CHUNG-YU, TW
[71] JOHNNY'S PHONE CO., US
[71] LIN, CHUNG-YU, TW
[85] 2000-08-08
[86] 1999-02-05 (PCT/US99/02446)
[87] 1999-08-19 (WO99/41946)
[30] CN (98 1 00529.2) 1998-02-16

[21] **2,320,215**
[13] A1

[51] **Int.Cl. 6H03K 7/00 6H03F 1/02 6H03K 7/08 6H04B 1/10 6H01Q 11/12**
[25] EN
[54] **METHOD AND APPARATUS FOR COMPENSATING FOR DELAYS IN MODULATOR LOOPS**
[54] **PROCEDE ET DISPOSITIF DE COMPENSATION DU RETARD DANS LES BOUCLES DE MODULATEUR**
[72] DELANO, CARY L., US
[72] TRIPATHI, ADYA S., US
[71] TRIPATH TECHNOLOGY, INC., US
[85] 2000-07-28
[86] 1999-02-05 (PCT/US99/02458)
[87] 1999-08-12 (WO99/40680)
[30] US (09/019,217) 1998-02-05

[21] **2,320,216**
[13] A1

[51] **Int.Cl. 6F01B 31/16**
[25] EN
[54] **HYDROCARBON COMBUSTION POWER GENERATION SYSTEM WITH CO2 SEQUESTRATION**
[54] **SYSTEME GENERATEUR D'ENERGIE A COMBUSTION D'HYDROCARBURES AVEC SEQUESTRATION DU CO2**
[72] ANDERSON, ROGER E., US
[72] BRANDT, HARRY, US
[72] VITERI, FERMIN, US
[72] TAYLOR, JAMES P., US
[71] CLEAN ENERGY SYSTEMS, INC., US
[85] 2000-08-09
[86] 1999-02-12 (PCT/US99/03174)
[87] 1999-08-19 (WO99/41490)
[30] US (09/023,336) 1998-02-13

[21] **2,320,217**
[13] A1

[51] **Int.Cl. 6C07D 213/81 6A01N 43/40**
[25] EN
[54] **N-(PHENYLSULFONYL) PICOLINAMIDE DERIVATIVES, PROCESS FOR PRODUCING THE SAME, AND HERBICIDE**
[54] **DERIVES DE N-(PNENYLSULFONYLE) PICOLINAMIDE, PROCEDE DE PRODUCTION DE CES DERNIERS ET HERBICIDE**
[72] SATO, TSUTOMU, JP
[72] SATO, KOKI, JP
[72] KANDA, YOICHI, JP
[71] KUREHA KAGAKU KOGYO K.K., JP
[85] 2000-08-10
[86] 1998-02-13 (PCT/JP98/00583)
[87] 1999-08-19 (WO99/41238)

[21] **2,320,218**
[13] A1

[51] **Int.Cl. 6H01L 21/76 6C30B 33/08**
[25] EN
[54] **CRYSTAL ION-SLICING OF SINGLE-CRYSTAL FILMS**
[54] **TRANCHAGE DE FILMS MONOCRISTALLINS A PARTIR DE STRUCTURES CRISTALLINES A IONS IMPLANTES**
[72] LEVY, MIGUEL, US
[72] OSGOOD, RICHARD M., JR., US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2000-07-28
[86] 1999-02-08 (PCT/US99/02625)
[87] 1999-08-19 (WO99/41779)
[30] US (09/025,114) 1998-02-17

[21] **2,320,219**
[13] A1

[51] **Int.Cl. 6A61L 25/00**
[25] EN
[54] **PRODUCTS COMPRISING FIBRINOGEN FOR USE IN THERAPY**
[54] **PRODUITS CONTENANT DU FIBRINOGENE POUR UNE UTILISATION THERAPEUTIQUE**
[72] HARRIS, ROY, GB
[72] MIDDLETON, SARAH MARGARET, GB
[71] QUADRANT HEALTHCARE (UK) LIMITED, GB
[85] 2000-08-08
[86] 1999-02-22 (PCT/GB99/00533)
[87] 1999-08-26 (WO99/42146)
[30] GB (9803626.2) 1998-02-20
[30] GB (9818018.5) 1998-08-18

[21] **2,320,220**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12P 21/02 6C12P 21/08 6A61K 38/17 6C07K 16/18 6C07K 14/47**
[25] EN
[54] **DNAS OR GENES PARTICIPATING IN PARKINSON'S DISEASE**
[54] **ADN OU GENES CONTRIBUTANT AU DEVELOPPEMENT DE LA MALADIE DE PARKINSON**
[72] MIZUNO, YOSHIKUNI, JP
[72] SHIMIZU, NOBUYOSHI, JP
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2000-08-08
[86] 1999-02-09 (PCT/JP99/00545)
[87] 1999-08-12 (WO99/40191)
[30] JP (10-27531) 1998-02-09

[21] **2,320,221**
[13] A1

[51] **Int.Cl. 6H04L 9/32 6G07F 7/10**
[25] EN
[54] **SECURE ONE-WAY AUTHENTICATION COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION AVEC AUTHENTIFICATION UNIDIRECTIONNELLE SECURISEE**
[72] VANSTONE, SCOTT A., CA
[72] GALLANT, ROBERT P., CA
[72] VADEKAR, ASHOK V., CA
[72] LAMBERT, ROBERT J., CA
[71] CERTICOM CORP., CA
[85] 2000-07-28
[86] 1999-02-01 (PCT/CA99/00053)
[87] 1999-08-05 (WO99/39476)
[30] GB (9802152.0) 1998-01-30

[21] **2,320,222**
[13] A1

[51] **Int.Cl. 6A61L 11/00**
[25] EN
[54] **A METHOD AND APPARATUS FOR TREATING CLINICAL WASTE**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT DE DECHETS HOSPITALIERS**
[72] TARN, DAVID CHARLES, GB
[71] EURO CARE ENVIRONMENTAL SERVICES LIMITED, GB
[85] 2000-08-08
[86] 1999-02-11 (PCT/GB99/00271)
[87] 1999-08-19 (WO99/40951)
[30] GB (9802906.9) 1998-02-11

Demandes PCT entrant en phase nationale

[21] **2,320,223**
[13] A1

[51] **Int.Cl. 6A61K 39/09 6A61K 39/095 6A61K 39/385 6A61K 39/39**
[25] EN
[54] **PNEUMOCOCCAL AND MENINGOCOCCAL VACCINES FORMULATED WITH INTERLEUKIN-12**
[54] **VACCINS PNEUMOCOCCIQUES OU MENINGOCOCCIQUES FORMULES AVEC L'INTERLEUKINE-12**
[72] LAPOSTA, VINCENT J., US
[72] ELDRIDGE, JOHN H., US
[71] AMERICAN CYANAMID COMPANY, US
[85] 2000-08-10
[86] 1999-02-10 (PCT/US99/02847)
[87] 1999-08-19 (WO99/40936)
[30] US (60/074,528) 1998-02-12

[21] **2,320,224**
[13] A1

[51] **Int.Cl. 6A61K 31/185 6A61K 31/255 6A61K 47/48 6A61K 31/66**
[25] EN
[54] **METHOD FOR MODULATING MACROPHAGE ACTIVATION**
[54] **METHODE DE MODULATION DE L'ACTIVATION DES MACROPHAGES**
[72] GERVAIS, FRANCINE, CA
[72] MORISSETTE, CELINE, CA
[71] NEUROCHEM, INC., CA
[85] 2000-08-08
[86] 1999-02-11 (PCT/IB99/00354)
[87] 1999-08-19 (WO99/40909)
[30] US (60/074,295) 1998-02-11
[30] US (09/248,396) 1999-02-10

[21] **2,320,225**
[13] A1

[51] **Int.Cl. 6B01D 33/21**
[25] EN
[54] **ROTATING FILTER**
[54] **FILTRE TOURNANT**
[72] NILSSON, HARRY, CH
[71] NILSSON, HARRY, CH
[85] 2000-08-08
[86] 1999-01-20 (PCT/SE99/00081)
[87] 1999-08-26 (WO99/42195)
[30] SE (9800474-0) 1998-02-18

[21] **2,320,226**
[13] A1

[51] **Int.Cl. 6A61K 38/17 6A61K 31/00 6A61K 48/00 6C12N 5/10 6A61K 39/395 6G01N 33/50 6C12Q 1/68 6A61K 31/70**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR MODULATING LEPTIN ACTIVITY**
[54] **METHODES ET COMPOSITIONS POUR MODULER L'ACTIVITE DE LA LEPTINE**
[72] BJORBAEK, CHRISTIAN, US
[72] FLIER, JEFFREY S., US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, US
[85] 2000-08-08
[86] 1999-02-10 (PCT/US99/02865)
[87] 1999-08-19 (WO99/40946)
[30] US (60/074,320) 1998-02-11
[30] US (09/044,278) 1998-03-19

[21] **2,320,228**
[13] A1

[51] **Int.Cl. 6C12N 9/99 6A61K 38/00 6A61K 45/00 6G01N 31/00 6C12N 9/10 6A01N 43/40**
[25] EN
[54] **SUBSTRATE ANALOGS FOR MURG, METHODS OF MAKING SAME AND ASSAYS USING SAME**
[54] **ANALOGUES DU SUBSTRAT DE LA MURG, PROCEDES DE MARQUAGE DE CEUX-CI ET ANALYSES DANS LESQUELLES ILS SONT UTILISES**
[72] GE, MIN, US
[72] KAHNE, SUZANNE WALKER, US
[72] PARK, PETER, US
[72] MEN, HONGBIN, US
[71] PRINCETON UNIVERSITY, US
[85] 2000-08-01
[86] 1999-02-02 (PCT/US99/02187)
[87] 1999-08-05 (WO99/38958)
[30] US (60/073,376) 1998-02-02

[21] **2,320,229**
[13] A1

[51] **Int.Cl. 6A61M 11/00**
[25] EN
[54] **METERED DOSE INHALER PUMP**
[54] **POMPE POUR AEROSOL-DOSEUR DE COMPOSE A INHALER**
[72] JEWETT, WARREN R., US
[72] WILLIAMS, ROBERT C., III, US
[71] IEP PHARMACEUTICAL DEVICES INC., US
[85] 2000-08-08
[86] 1999-02-03 (PCT/US99/02308)
[87] 1999-08-19 (WO99/40959)
[30] US (09/022,984) 1998-02-12

[21] **2,320,230**
[13] A1

[51] **Int.Cl. 6A61B 19/00 6A61B 6/08 6A61N 5/10**
[25] EN
[54] **SURGICAL POSITIONING SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT CHIRURGICAL**
[72] COSMAN, ERIC R., US
[71] COSMAN, ERIC R., US
[85] 2000-08-08
[86] 1998-12-01 (PCT/US98/25476)
[87] 1999-06-10 (WO99/27839)
[30] US (08/980,572) 1997-12-01

[21] **2,320,231**
[13] A1

[51] **Int.Cl. 6B60N 2/48 6B60N 2/20**
[25] EN
[54] **AUTOMOTIVE SEAT ASSEMBLY HAVING A RETRACTABLE HEADREST**
[54] **SYSTEME DE SIEGE D'AUTOMOBILE AVEC APPUI-TETE ESCAMOTABLE**
[72] TAME, OMAR D., US
[71] MAGNA INTERIOR SYSTEMS INC., CA
[85] 2000-08-08
[86] 1999-02-10 (PCT/CA99/00084)
[87] 1999-08-19 (WO99/41104)
[30] US (60/074,851) 1998-02-12

PCT Applications Entering the National Phase

<p style="text-align: center;">[21] 2,320,232 [13] A1</p> <p>[51] Int.Cl. 6B60N 2/12 6B60N 2/22 [25] EN [54] VEHICLE SEAT WITH LINEAR RECLINING MECHANISM AND AN EASY ENTRY LATCH WITH MEMORY [54] SIEGE DE VEHICULE POURVU D'UN MECANISME D'INCLINAISON LINEAIRE ET D'UN DISPOSITIF DE VERROUILLAGE A REGLAGE FACILE AVEC MEMOIRE [72] TAME, OMAR D., US [71] MAGNA INTERIOR SYSTEMS INC., CA [85] 2000-08-08 [86] 1999-02-10 (PCT/CA99/00085) [87] 1999-08-19 (WO99/41100) [30] US (60/074,300) 1998-02-11</p>	<p style="text-align: center;">[21] 2,320,234 [13] A1</p> <p>[51] Int.Cl. 7A41D 13/12 [25] EN [54] DISPOSABLE UPPER GARMENT AND PROCESS FOR MAKING THE SAME [54] VETEMENT SUPERIEUR JETABLE ET PROCEDE DE FABRICATION DUDIT VETEMENT [72] MURAKAMI, MASAKI, JP [72] MATSUSHITA, MICHIO, JP [72] KUWASHIRO, TAKEO, JP [71] UNI-CHARM CO. LTD., JP [85] 2000-08-08 [86] 1999-12-09 (PCT/JP99/06923) [87] 2000-06-15 (WO00/33686) [30] JP (10-350416) 1998-12-09</p>	<p style="text-align: center;">[21] 2,320,237 [13] A1</p> <p>[51] Int.Cl. 6B63B 27/34 [25] EN [54] FSO LOADING/MOORING [54] TRANSFERT DE CHARGES A LA MER [72] KLEPPESTO, HARALD, NO [72] BREIVIK, KARE, NO [71] NAVION AS, NO [85] 2000-08-08 [86] 1999-02-08 (PCT/NO99/00041) [87] 1999-08-26 (WO99/42358) [30] NO (19980579) 1998-02-10</p>
<p style="text-align: center;">[21] 2,320,233 [13] A1</p> <p>[51] Int.Cl. 6C07D 401/14 6C07D 401/06 6C07D 413/14 6A61K 31/445 6A61K 31/535 [25] EN [54] FARNESYL TRANSFERASE INHIBITORS HAVING A PIPERIDINE STRUCTURE AND PROCESS FOR PREPARATION THEREOF [54] INHIBITEURS DE FARNESYL-TRANSFERASES, AYANT UNE STRUCTURE PIPERIDINE, ET PROCEDE DE PREPARATION CORRESPONDANT [72] OH, YOUNG HOON, KR [72] KOH, JONG SUNG, KR [72] SHIN, YOU SEUNG, KR [72] RO, SEONG GU, KR [72] CHUNG, HYUN HO, KR [72] KIM, CHUNG MI, KR [72] KWAK, TAE HWAN, KR [72] KIM, KWI HWA, KR [72] LEE, SUN HWA, KR [72] KIM, HYUN SUNG, KR [72] CHOI, TAE SAENG, KR [72] KIM, JONG HYUN, KR [72] AHN, IN AE, KR [72] LEE, HYUN IL, KR [72] LEE, JIN HO, KR [71] LG CHEMICAL LTD., KR [85] 2000-08-01 [86] 1999-02-01 (PCT/KR99/00051) [87] 1999-08-05 (WO99/38862) [30] KR (1998-2776) 1998-02-02 [30] KR (1998-2777) 1998-02-02 [30] KR (1998-28340) 1998-07-14 [30] KR (1998-32150) 1998-08-07</p>	<p style="text-align: center;">[21] 2,320,235 [13] A1</p> <p>[51] Int.Cl. 7A41B 9/02 [25] EN [54] PROCESS FOR MAKING TRUNKS-TYPE GARMENT [54] PROCEDE POPUR FABRIQUER UN VETEMENT DE STYLE SLIP [72] MURAKAMI, MASAKI, JP [72] MATSUSHITA, MICHIO, JP [71] UNI-CHARM CO. LTD., JP [85] 2000-08-08 [86] 1999-12-09 (PCT/JP99/06924) [87] 2000-06-15 (WO00/33681) [30] JP (10-351843) 1998-12-10</p>	<p style="text-align: center;">[21] 2,320,238 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/08 [25] EN [54] METABOLIC CALORIMETER EMPLOYING RESPIRATORY GAS ANALYSIS [54] CALORIMETRE METABOLIQUE METTANT EN APPLICATION UNE ANALYSE DE GAZ RESPIRATOIRE [72] MAULT, JAMES R., US [71] MAULT, JAMES R., US [85] 2000-08-02 [86] 1999-02-05 (PCT/US99/02448) [87] 1999-08-12 (WO99/39637) [30] US (60/073,812) 1998-02-05 [30] US (60/104,983) 1998-10-20</p>
<p style="text-align: center;">[21] 2,320,236 [13] A1</p> <p>[51] Int.Cl. 6A23G 3/00 [25] EN [54] A NEW METHOD FOR MANUFACTURING POPPING CANDY [54] NOUVEAU PROCEDE DE FABRICATION DE BONBONS A EFFET EFFERVESCENT DANS LA BOUCHE [72] ERDEN, IBRAHIM SEMIH, TR [71] HLEKS GIDA SANAYI VE TICARET ANONIM SIRKETI, TR [85] 2000-08-01 [86] 1998-11-05 (PCT/TR98/00022) [87] 1999-08-05 (WO99/38385) [30] TR (98/160) 1998-02-02</p>	<p style="text-align: center;">[21] 2,320,239 [13] A1</p> <p>[51] Int.Cl. 6C23F 13/06 [25] EN [54] ELECTROCHEMICAL TREATMENT OF REINFORCED CONCRETE [54] TRAITEMENT ELECTROCHIMIQUE DU BETON ARME [72] HILL, ANDREW, GB [71] ATRAVERDA LIMITED, GB [85] 2000-08-08 [86] 1999-02-04 (PCT/GB99/00359) [87] 1999-08-19 (WO99/41427) [30] GB (9802805.3) 1998-02-10</p>	

Demandes PCT entrant en phase nationale

[21] **2,320,240**
[13] A1

[51] **Int.Cl. 6G06F 11/14**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSFERRING DATA FROM THE CACHE OF ONE NODE TO THE CACHE OF ANOTHER NODE**
[54] **PROCEDE ET APPAREIL DE TRANSFERT DE DONNEES DE LA MEMOIRE CACHE D'UN NOEUD A LA MEMOIRE CACHE D'UN AUTRE NOEUD**
[72] BAMFORD, ROGER J., US
[72] KLOTS, BORIS, US
[71] ORACLE CORPORATION, US
[85] 2000-08-02
[86] 1999-02-12 (PCT/US99/02965)
[87] 1999-08-19 (WO99/41664)
[30] US (60/074,587) 1998-02-13
[30] US (09/199,120) 1998-11-24

[21] **2,320,242**
[13] A1

[51] **Int.Cl. 7C21B 13/14**
[25] EN
[54] **FLUIDIZED BED TYPE FINE IRON ORE REDUCING APPARATUS, AND METHOD THEREFOR**
[54] **APPAREIL DE REDUCTION DE MINERAI DE FER FIN DE TYPE A LIT FLUIDISE ET PROCEDE AFFERENT**
[72] CHUNG, UOO-CHANG, KR
[72] JEONG, SUN-KWANG, KR
[72] KANG, HEUNG-WON, KR
[72] CHOI, NAG-JOON, KR
[72] KIM, HANG-GOO, KR
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT
[71] RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, KR
[71] POHANG IRON & STEEL CO., LTD., KR
[85] 2000-08-08
[86] 1999-12-03 (PCT/KR99/00729)
[87] 2000-06-15 (WO00/34531)
[30] KR (1998/53955) 1998-12-09

[21] **2,320,243**
[13] A1

[51] **Int.Cl. 6G11B 7/26 6B29C 65/78**
[25] EN
[54] **SUBSTRATE DISK**
[54] **DISQUE SUPPORT**
[72] BOCCIO, LOUIS J., US
[71] STEAG HAMATECH AG, DE
[85] 2000-08-08
[86] 1999-01-28 (PCT/EP99/00539)
[87] 1999-08-12 (WO99/40579)
[30] DE (198 04 976.5) 1998-02-09

[21] **2,320,244**
[13] A1

[51] **Int.Cl. 6C08F 2/44 6C09D 11/00 6D21H 19/00 6C09D 5/02 6C09D 5/03 6C07D 471/06 6C07C 271/12 6C07D 221/18 6C08F 2/22 6C07C 69/54**
[25] EN
[54] **METHOD FOR PRODUCING AQUEOUS POLYMER DISPERSIONS CONTAINING COLORANTS**
[54] **PROCEDE POUR PRODUIRE DES DISPERSIONS AQUEUSES DE POLYMERES, CONTENANT DES COLORANTS**
[72] HANCIOGULLARI, HARUTYUN, DE
[72] KIELHORN-BAYER, SABINE, DE
[72] WAKEBE, TAKANORI, JP
[72] ROSSMANITH, PETER, DE
[72] SIEMENSMEYER, KARL, DE
[72] IKEDA, TAKAHIRO, JP
[72] MACHTLE, WALTER, DE
[72] DELAVIER, PAUL, DE
[72] MATHAUER, KLEMENS, DE
[72] SCHROF, WOLFGANG, DE
[72] MULLEN, KLAUS, DE
[72] SCHLOSSER, ULRIKE, DE
[72] ROHR, ULRIKE, DE
[72] BOHM, ARNO, DE
[72] RAULFS, FRIEDRICH-WILHELM, DE
[72] FREUND, TORSTEN, DE
[72] SENS, RUDIGER, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
[85] 2000-08-08
[86] 1999-01-13 (PCT/EP99/00157)
[87] 1999-08-12 (WO99/40123)
[30] DE (19805121.2) 1998-02-09

[21] **2,320,246**
[13] A1

[51] **Int.Cl. 6A42B 1/02**
[25] EN
[54] **SUBSTANCE DISPENSING HEADGEAR**
[54] **GARNITURE DE TETE SERVANT A CONTENIR ET DISTRIBUER UNE SUBSTANCE**
[72] FLANN, RANDALL D., US
[71] FLANN, RANDALL D., US
[85] 2000-08-08
[86] 1999-02-09 (PCT/US99/02785)
[87] 1999-08-12 (WO99/39598)
[30] US (09/020,605) 1998-02-09

[21] **2,320,248**
[13] A1

[51] **Int.Cl. 6B60R 16/02 6E05B 49/00 6B60R 25/04 6B60R 25/10**
[25] EN
[54] **VEHICLE SECURITY SYSTEM FOR A VEHICLE HAVING A DATA COMMUNICATIONS BUS AND RELATED METHODS**
[54] **SYSTEME DE SECURITE POUR VEHICULE PRESENTANT UN BUS DE COMMUNICATION DE DONNEES ET PROCEDES ASSOCIES**
[72] FLICK, KENNETH E., US
[71] FLICK, KENNETH E., US
[85] 2000-08-08
[86] 1998-02-13 (PCT/US98/02896)
[87] 1999-08-19 (WO99/41108)

[21] **2,320,251**
[13] A1

[51] **Int.Cl. 7H01H 83/20**
[25] EN
[54] **REMOTE CONTROLLABLE CIRCUIT BREAKERS WITH POSITIVE TEMPERATURE COEFFICIENT RESISTIVITY (PTC) ELEMENTS**
[54] **DISJONCTEURS A COMMANDE A DISTANCE POURVUS D'ELEMENTS DE RESISTIVITE DE COEFFICIENT DE TEMPERATURE POSITIF**
[72] LINDHOLM, BRUCE F., US
[72] CHEN, WILLIAM W., US
[71] SQUARE D COMPANY, US
[85] 2000-08-08
[86] 1999-12-13 (PCT/US99/29496)
[87] 2000-06-22 (WO00/36624)
[30] US (09/211,776) 1998-12-14

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[21] **2,320,253**
[13] A1
[51] **Int.Cl. 7A42B 1/22 7A42C 5/02**
[25] EN
[54] **FREE-SIZE CAP**
[54] **CASQUETTE TAILLE UNIQUE**
[72] PARK, BOO YL, KR
[71] DADA CORPORATION, KR
[85] 2000-08-08
[86] 1999-12-15 (PCT/US99/29758)
[87] 2000-06-29 (WO00/36941)
[30] US (09/217,997) 1998-12-22

[21] **2,320,255**
[13] A1
[51] **Int.Cl. 6A01N 63/00 6C12M 3/00**
6A01N 1/02 6C12P 21/04
[25] EN
[54] **C3A SERUM-FREE CLONAL CELL**
LINE AND METHODS OF USE
[54] **LIGNEE CELLULAIRE CLONALE**
C3A EXEMPT DE SERUM ET SES
METHODES D'UTILISATION
[72] PURCHIO, ANTHONY, US
[72] TRIGLIA, DENNIS, US
[71] HEPATIX INC., US
[85] 2000-08-08
[86] 1999-02-10 (PCT/US99/02821)
[87] 1999-08-19 (WO99/40793)
[30] US (09/022,469) 1998-02-11

[21] **2,320,256**
[13] A1
[51] **Int.Cl. 7A41B 9/02**
[25] EN
[54] **THROWAWAY TRUNKS TYPE**
UNDERPANTS
[54] **SOUS-VETEMENTS JETABLES DE**
TYPE CALECON
[72] ISHIKAWA, HITOMI, JP
[72] MYOGA, AKIRA, JP
[72] MATSUSHITA, MICHIO, JP
[72] MURAKAMI, MASAKI, JP
[71] UNI-CHARM CO. LTD., JP
[85] 2000-08-08
[86] 1999-12-09 (PCT/JP99/06922)
[87] 2000-06-15 (WO00/33680)
[30] JP (10-350415) 1998-12-09

[21] **2,320,258**
[13] A1
[51] **Int.Cl. 6C04B 35/83 6F16D 69/02**
6C04B 35/80 6C04B 41/89
[25] EN
[54] **PARTIALLY DENSIFIED CARBON**
PREFORM
[54] **PREFORME DE CARBONE**
PARTIELLEMENT DENSIFIEE
[72] CONNORS, DONALD F., JR., US
[71] TEXTRON SYSTEMS
CORPORATION, US
[85] 2000-08-08
[86] 1999-01-14 (PCT/US99/00850)
[87] 1999-08-12 (WO99/40043)
[30] US (09/020,432) 1998-02-09

[21] **2,320,259**
[13] A1
[51] **Int.Cl. 6A61L 29/00 6A61L 31/00**
[25] EN
[54] **BIOACTIVE AGENT RELEASE**
COATING
[54] **REVETEMENT DESTINE A**
LIBERER DES AGENTS BIOACTIFS
[72] CHUDZIK, STEPHEN J., US
[72] ANDERSON, ARON B., US
[72] KLOKE, TIMOTHY M., US
[72] CHAPPA, RALPH A., US
[71] SURMODICS, INC., US
[85] 2000-08-02
[86] 1999-04-15 (PCT/US99/08310)
[87] 1999-11-04 (WO99/55396)
[30] US (60/083,135) 1998-04-27

[21] **2,320,260**
[13] A1
[51] **Int.Cl. 6A61K 31/65**
[25] EN
[54] **METHOD OF INHIBITING**
MEMBRANE-TYPE MATRIX
METALLOPROTEINASE
[54] **METHODE D'INHIBITION DE**
METALLOPROTEASES
MATRICIELLES DE TYPE
MEMBRANAIRES
[72] SALO, TUULA, FI
[72] TERONEN, OLLI, FI
[72] LEE, HSI-MING, US
[72] GOLUB, LORNE M., US
[72] SORSA, TIMO, FI
[71] THE RESEARCH FOUNDATION OF
STATE UNIVERSITY OF NEW YORK, US
[85] 2000-08-08
[86] 1999-03-30 (PCT/US99/06972)
[87] 1999-10-07 (WO99/49871)
[30] US (09/052,222) 1998-03-31

[21] **2,320,261**
[13] A1
[51] **Int.Cl. 6G06F 9/46 6H04L 29/06**
[25] EN
[54] **OPTIMIZED NETWORK**
RESOURCE LOCATION
[54] **LOCALISATION OPTIMALE DES**
RESSOURCES D'UN RESEAU
[72] FARBER, DAVID A., US
[72] BALTER, JAMES A., US
[72] SWART, ANDREW D., US
[72] GREER, RICHARD E., US
[71] DIGITAL ISLAND, INC., US
[85] 2000-08-08
[86] 1999-02-09 (PCT/US99/01477)
[87] 1999-08-12 (WO99/40514)
[30] US (09/021,506) 1998-02-10

[21] **2,320,263**
[13] A1
[51] **Int.Cl. 6B01D 71/52 6B01D 67/00**
6B01D 53/22 6C08G 65/48
[25] EN
[54] **PROCESS OF FORMING A**
PERMEABLE GAS SEPARATION
MATERIAL
[54] **PROCEDE DE CREATION D'UN**
MATERIAU PERMEABLE SERVANT A
SEPARER DES GAZ
[72] CHOWDHURY, GEETA, CA
[72] LAVERTY, BRENDAN WILLIAM,
GB
[72] MATSUURA, TAKESHI, CA
[72] DENG, SHENGZHI, CA
[72] YAO, BOPING, CA
[72] VUJOSEVIC, RANKA, CA
[71] BG INTELLECTUAL PROPERTY
LIMITED, GB
[85] 2000-08-02
[86] 1999-02-01 (PCT/GB99/00135)
[87] 1999-08-26 (WO99/42204)
[30] GB (9803332.7) 1998-02-18
[30] GB (9812239.3) 1998-06-08

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[21] **2,320,265**
[13] A1

[51] **Int.Cl. 6B29C 57/04**
[25] EN
[54] **METHOD AND DEVICE FOR FORMING A SOCKET ON A PIPE OF THERMOPLASTIC MATERIAL**
[54] **PROCEDE ET DISPOSITIF DE FORMATION D'UN EMBOITEMENT SUR UN TUYAU DE MATIERE THERMOPLASTIQUE**
[72] HUTCHINSON, WILLIAM GEORGE, GB
[72] BOER, HANS, NL
[71] WAVIN B.V., NL
[85] 2000-08-08
[86] 1999-02-16 (PCT/NL99/00079)
[87] 1999-08-26 (WO99/42279)
[30] NL (1008360) 1998-02-19

[21] **2,320,267**
[13] A1

[51] **Int.Cl. 6E01F 13/00 6E01F 15/00**
[25] EN
[54] **CRASH BARRIER AND BARRIER ELEMENTS**
[54] **GLISSIERE DE SECURITE**
[72] ENGLUND, GUNNAR, SE
[71] GUNNAR ENGLUND BYGGARE AB, SE
[85] 2000-08-08
[86] 1999-02-05 (PCT/SE99/00152)
[87] 1999-08-12 (WO99/40259)
[30] SE (9800376-7) 1998-02-10

[21] **2,320,268**
[13] A1

[51] **Int.Cl. 6B60G 7/02 6B62D 21/11 6B21D 53/88**
[25] EN
[54] **VEHICLE FRAME MEMBER HAVING A SHOCK ABSORBING MOUNTING PORTION AND A METHOD FOR MAKING THE SAME**
[54] **ELEMENT DE CHASSIS DE VEHICULE DOTE D'UNE PARTIE DE MONTAGE AMORTISSANTE ET PROCEDE DE FABRICATION DE LADITE PARTIE**
[72] SKUDUTIS, TOMMY J., CA
[71] COSMA INTERNATIONAL INC., CA
[85] 2000-08-08
[86] 1999-02-08 (PCT/CA99/00074)
[87] 1999-08-26 (WO99/42312)
[30] US (60/074,962) 1998-02-17

[21] **2,320,270**
[13] A1

[51] **Int.Cl. 6B64D 1/16**
[25] EN
[54] **METHOD FOR EXTINGUISHING FIRES FROM AN AIRCRAFT AND RELATED DEVICE**
[54] **PROCEDE D'EXTINCTION D'INCENDIES A L'AIDE D'UN AERONEF ET DISPOSITIF S'Y RAPPORTANT**
[72] LEPESHINSKY, IGOR
ALEXANDROVICH, RU
[72] ZUEV, JURY VLADIMIROVICH, RU
[72] KARPYSHEV, ALEXANDR
VLADIMIROVICH, RU
[71] NAUCHNO-ISSLEDOVATELSKY
INSTITUT NIZKIKH TEMPERATUR
PRI
MAL., RU
[85] 2000-08-03
[86] 1999-02-01 (PCT/RU99/00028)
[87] 1999-08-12 (WO99/39977)
[30] RU (98101933) 1998-02-06

[21] **2,320,271**
[13] A1

[51] **Int.Cl. 6C08F 4/69 6C08F 10/02**
[25] EN
[54] **A CATALYST FOR THE (CO)POLYMERISATION OF ETHYLENE AND A METHOD FOR THE PREPARATION THEREOF**
[54] **CATALYSEUR POUR LA (CO)POLYMERISATION DE L'ETHYLENE ET SON PROCEDE D'OBTENTION**
[72] PALMQVIST, ULF, SE
[72] HOKKANEN, HARRI, FI
[72] ALMQUIST, VIDAR, NO
[72] FOLLESTAD, ARILD, NO
[71] BOREALIS A/S, DK
[85] 2000-08-09
[86] 1999-02-09 (PCT/NO99/00043)
[87] 1999-08-12 (WO99/40126)
[30] NO (19980552) 1998-02-09

[21] **2,320,272**
[13] A1

[51] **Int.Cl. 6F24C 3/00**
[25] EN
[54] **GAS BURNER**
[54] **BRULEUR A GAZ**
[72] O'DONNELL, MICHAEL J., US
[72] SZUCS, FRANK T., JR., US
[72] SLABY, TERRANCE C., US
[71] BECKETT GAS, INC., US
[85] 2000-08-03
[86] 1998-03-05 (PCT/US98/04322)
[87] 1999-08-19 (WO99/41549)
[30] US (60/074,401) 1998-02-11

[21] **2,320,273**
[13] A1

[51] **Int.Cl. 6C08B 3/06 6C09D 11/00 6C09D 101/02 6C08B 15/04 6C09D 101/12 6C09D 101/14 6C08B 3/18**
[25] EN
[54] **CARBOXYLATED CELLULOSE ESTERS**
[54] **ESTERS DE CELLULOSE CARBOXYLES**
[72] LEE, BENEDICT MOONSANG, US
[72] KUO, CHUNG-MING, US
[72] POSEY-DOWTY, JESSICA, US
[72] CURTIS, LARRY GERALD, US
[71] EASTMAN CHEMICAL COMPANY, US
[85] 2000-08-03
[86] 1999-01-22 (PCT/US99/01319)
[87] 1999-08-12 (WO99/40120)
[30] US (09/019,554) 1998-02-06

[21] **2,320,274**
[13] A1

[51] **Int.Cl. 6F02G 5/02 6F25B 27/02 6F02G 1/04 6F02G 1/043**
[25] EN
[54] **IMPROVEMENTS IN CO-GENERATION SYSTEMS**
[54] **AMELIORATIONS D'UN SYSTEME DE COGENERATION**
[72] AITKEN, MURRAY BRUCE, NZ
[72] CLUCAS, DONALD MURRAY, NZ
[71] WHISPER TECH LIMITED, NZ
[85] 2000-08-09
[86] 1999-02-09 (PCT/NZ99/00017)
[87] 1999-08-12 (WO99/40310)
[30] NZ (329744) 1998-02-09

PCT Applications Entering the National Phase

[21] **2,320,275**
[13] A1

[51] **Int.Cl. 6G11B 20/00 6H04L 29/06 6G06F 13/42**
[25] EN
[54] **MEDIA STORAGE DEVICE WITH EMBEDDED DATA FILTER FOR DYNAMICALLY PROCESSING DATA DURING READ AND WRITE OPERATIONS**
[54] **DISPOSITIF DE STOCKAGE SUR SUPPORT, DOTE D'UN FILTRE DE DONNEES INTEGRE DESTINE AU TRAITEMENT DYNAMIQUE DE DONNEES PENDANT LES OPERATIONS DE LECTURE ET D'ECRITURE**
[72] FAIRMAN, BRUCE, US
[72] SMYERS, SCOTT D., US
[71] SONY ELECTRONICS INC., US
[85] 2000-08-03
[86] 1999-02-03 (PCT/US99/02389)
[87] 1999-08-19 (WO99/41744)
[30] US (09/022,926) 1998-02-12

[21] **2,320,276**
[13] A1

[51] **Int.Cl. 7C08J 7/04 7C08L 51/06 7C08L 23/12 7C08L 23/28**
[25] EN
[54] **WATER BASE ADHESION PROMOTOR FOR POLYPROPYLENE AND METHOD FOR COATING TO POLYPROPYLENE MATERIALS USING THE PROMOTOR**
[54] **PROMOTEUR D'ADHESION A BASE D'EAU POUR POLYPROPYLENE ET PROCEDE DE REVETEMENT SUR DES MATERIAUX EN POLYPROPYLENE A L'AIDE DU PROMOTEUR**
[72] KAWANO, SHINNOSUKE, US
[72] KOMATSU, YASUNORI, US
[72] IGARASHI, KAZUO, US
[72] MCBRIDE, LAURA, US
[72] WISEMAN, MICHAEL SCOTT, US
[72] KAMEI, SAWAKO, US
[71] NIPPON BEE CHEMICAL CO., LTD., JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JO
[85] 2000-08-09
[86] 2000-02-04 (PCT/JP00/00611)
[87] 2000-08-17 (WO00/47656)
[30] US (09/248,235) 1999-02-10

[21] **2,320,277**
[13] A1

[51] **Int.Cl. 6A61B 5/05**
[25] EN
[54] **NON-INVASIVE CARDIORESPIRATORY MONITOR WITH SYNCHRONIZED BIOIMPEDANCE SENSING**
[54] **MONITEUR CARDIO-RESPIRATOIRE NON INVASIF AVEC DETECTEUR D'IMPEDANCE BIOELECTRIQUE SYNCHRONISE**
[72] PRUTCHI, DAVID, US
[71] INTERMEDICS INC., US
[85] 2000-08-03
[86] 1999-02-05 (PCT/US99/02623)
[87] 1999-08-12 (WO99/39636)
[30] US (09/020,277) 1998-02-06

[21] **2,320,278**
[13] A1

[51] **Int.Cl. 6C25D 5/02 6C25D 5/08 6C25D 21/12 6C25D 5/18 6H01L 21/48 6H01L 23/532 6H01L 21/768**
[25] EN
[54] **PLATING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'ELECTRODEPOSITION**
[72] WANG, HUI, US
[71] ACM RESEARCH, INC., US
[85] 2000-08-09
[86] 1999-01-15 (PCT/US99/00964)
[87] 1999-08-19 (WO99/41434)
[30] US (60/074,466) 1998-02-12
[30] US (60/094,215) 1998-07-27

[21] **2,320,279**
[13] A1

[51] **Int.Cl. 6A61N 1/372**
[25] EN
[54] **IMPLANTABLE DEVICE WITH DIGITAL WAVEFORM TELEMETRY**
[54] **DISPOSITIF IMPLANTABLE A TELEMETRIE PAR SIGNAL NUMERIQUE**
[72] PAUL, PATRICK J., US
[72] PRUTCHI, DAVID, US
[71] INTERMEDICS INC., US
[85] 2000-08-03
[86] 1999-02-05 (PCT/US99/02660)
[87] 1999-08-12 (WO99/39768)
[30] US (09/020,278) 1998-02-06

[21] **2,320,280**
[13] A1

[51] **Int.Cl. 6E21B 4/14**
[25] EN
[54] **HIGH TORQUE, LOW SPEED MUD MOTOR FOR USE IN DRILLING OIL AND GAS WELLS**
[54] **MOTEUR LENT A COUPLE ELEVE SERVANT A CREUSER DES Puits DE PETROLE ET DE GAZ**
[72] HIPPI, JAMES E., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2000-08-09
[86] 1999-02-12 (PCT/US99/03156)
[87] 1999-08-19 (WO99/41483)
[30] US (09/022,598) 1998-02-12

[21] **2,320,281**
[13] A1

[51] **Int.Cl. 6B08B 3/04 6A47L 15/08**
[25] EN
[54] **A METHOD FOR REMOVING A MATERIAL FROM THE SURFACE OF A PRODUCT**
[54] **PROCEDE D'ELIMINATION D'UN MATERIAU DE LA SURFACE D'UN PRODUIT**
[72] WINTERS, ANTONIUS PAUL LEO MARIA, NL
[71] HT IDEE B.V., NL
[85] 2000-08-03
[86] 1999-02-04 (PCT/NL99/00058)
[87] 1999-08-12 (WO99/39845)
[30] NL (1008219) 1998-02-06
[30] NL (1009388) 1998-06-12

[21] **2,320,282**
[13] A1

[51] **Int.Cl. 6A23G 3/30**
[25] EN
[54] **ENVIRONMENTALLY FRIENDLY CHEWING GUM BASES INCLUDING POLYHYDROXYALKANOATES**
[54] **BASE POUR GOMME A MACHER ECOLOGIQUE COMPRENANT DES POLYHYDROXYALCANOATES**
[72] LIU, JINGPING, US
[72] ORFAN, CHARLES P., US
[72] LI, WEISHENG, US
[72] FOSTER, JOHN W., US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2000-08-09
[86] 1998-02-09 (PCT/US98/02511)
[87] 1999-08-12 (WO99/39588)

Demandes PCT entrant en phase nationale

[21] **2,320,283**
[13] A1
[51] **Int.Cl. 6C07C 17/38 6C07F 9/06 6C07C 25/13 6C07C 17/20 6B01J 31/40**
[25] EN
[54] **CATALYST RECOVERY FOR HALOGEN EXCHANGE REACTIONS**
[54] **RECUPERATION DE CATALYSEURS POUR REACTIONS D'ECHANGE HALOGENE**
[72] CHENG, CHI HUNG, US
[72] BALHOFF, JOHN F., US
[72] LIN, RONNY W., US
[71] ALBEMARLE CORPORATION, US
[85] 2000-08-03
[86] 1998-12-11 (PCT/US98/26537)
[87] 1999-08-12 (WO99/40052)
[30] US (09/021,690) 1998-02-10

[21] **2,320,284**
[13] A1
[51] **Int.Cl. 6H04Q 3/52 6H04Q 11/00**
[25] EN
[54] **OPTICAL CIRCUIT FOR OBTAINING A MONITOR SIGNAL**
[54] **CIRCUIT OPTIQUE DESTINE A OBTENIR UN SIGNAL DE SURVEILLANCE**
[72] VAN DER TOL, JOHANNES JACOBUS GERARDUS MARIA, NL
[71] KONINKLIJKE KPN N.V., NL
[85] 2000-08-04
[86] 1999-01-21 (PCT/EP99/00386)
[87] 1999-08-12 (WO99/40738)
[30] NL (1008206) 1998-02-05

[21] **2,320,285**
[13] A1
[51] **Int.Cl. 6A61K 31/215 6A61K 31/22 6A61K 31/34 6A61K 31/38 6A61K 31/44 6A61K 31/445**
[25] EN
[54] **ANTI-INFLAMMATORY AGENTS**
[54] **AGENTS ANTI-INFLAMMATOIRES**
[72] WHITTAKER, MARK, GB
[72] AYSCOUGH, ANDREW PAUL, GB
[71] BRITISH BIOTECH PHARMACEUTICALS LIMITED, GB
[85] 2000-08-04
[86] 1999-01-27 (PCT/GB99/00284)
[87] 1999-08-19 (WO99/40910)
[30] GB (9803005.9) 1998-02-12

[21] **2,320,286**
[13] A1
[51] **Int.Cl. 6G01S 13/94**
[25] EN
[54] **DUAL TARGET TRACKING ALTIMETER**
[54] **ALTIMETRE DE REPERAGE PAR RAPPORT A DEUX POINTS**
[72] HAGER, JAMES R., US
[71] HONEYWELL, INC., US
[85] 2000-08-04
[86] 1999-02-05 (PCT/US99/02472)
[87] 1999-08-12 (WO99/40452)
[30] US (09/020,287) 1998-02-06

[21] **2,320,287**
[13] A1
[51] **Int.Cl. 6A61K 31/095 6A61K 33/04 6A61K 31/10 6A61K 31/19 6A61K 31/195 6A61K 31/215**
[25] EN
[54] **FUNGAL SULPHUR SOURCE AND METHOD OF USING THE SAME**
[54] **SOURCE DE SOUFRE POUR LE DEVELOPPEMENT DES CHAMPIGNONS ET SON PROCEDURE D'UTILISATION**
[72] GORDON, GEOFFREY LESLIE RAYMOND, AU
[72] PHILLIPS, MICHAEL WILLIAM, AU
[71] AUSTRALIAN WOOL RESEARCH AND PROMOTION ORGANISATION, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2000-08-04
[86] 1998-02-10 (PCT/AU98/00075)
[87] 1998-10-01 (WO98/42326)
[30] AU (PO 5793) 1997-03-21

[21] **2,320,289**
[13] A1
[51] **Int.Cl. 6A61K 38/28 6A61K 45/05 6A61K 39/395 6A61K 38/54**
[25] EN
[54] **NOVEL PEPTIDE COPOLYMER COMPOSITIONS**
[54] **COMPOSITIONS A BASE DE PEPTIDES ET DE COPOLYMERES**
[72] ALAKHOV, VALERY Y., US
[72] KABANOV, ALEXANDER V., US
[71] SUPRATEK PHARMA INC., CA
[85] 2000-08-10
[86] 1999-02-26 (PCT/US99/04218)
[87] 1999-09-02 (WO99/43343)
[30] US (09/031,279) 1998-02-27

[21] **2,320,290**
[13] A1
[51] **Int.Cl. 6A61K 31/21 6A61K 39/00 6A61K 51/00 6C07K 2/00 6C07K 4/00 6C07C 203/04 6A61K 31/165 6A61K 39/395 6C07C 235/44 6A61K 39/44 6G01N 33/53 6G01N 33/543 6G01N 33/566 6C07C 69/74**
[25] EN
[54] **MULTIBINDING INHIBITORS OF CYCLOOXYGENASE-2**
[54] **INHIBITEURS A LIAISONS MULTIPLES DE CYCLOOXYGENASE-2**
[72] HIGGINS, DEBORAH L., US
[72] JUDICE, J. KEVIN, US
[72] GRIFFIN, JOHN H., US
[71] ADVANCED MEDICINE, INC., US
[85] 2000-08-10
[86] 1999-06-07 (PCT/US99/12895)
[87] 1999-12-16 (WO99/63939)
[30] US (60/088,448) 1998-06-08
[30] US (60/093,072) 1998-07-16
[30] US (60/120,281) 1999-02-16

[21] **2,320,294**
[13] A1
[51] **Int.Cl. 6B29C 45/76 6B29C 45/77**
[25] EN
[54] **AUTOMATED MOLDING TECHNOLOGY FOR THERMOPLASTIC INJECTION MOLDING**
[54] **TECHNIQUE DE MOULAGE AUTOMATISE POUR LE MOULAGE PAR INJECTION DE MATIERES THERMOPLASTIQUES**
[72] SPEIGHT, RUSSELL GORDON, AU
[71] MOLDFLOW PTY. LTD., AU
[85] 2000-08-09
[86] 1999-01-29 (PCT/AU99/00067)
[87] 1999-08-19 (WO99/41057)
[30] AU (PP 1768) 1998-02-12

PCT Applications Entering the National Phase

[21] **2,320,295**
[13] A1

[51] **Int.Cl. 6C08L 23/04 6C08F 10/02**
[25] EN
[54] **POLYMER FILMS AND A PROCESS FOR THE PRODUCTION THEREOF**
[54] **FILMS POLYMERES ET UN DE LEURS PROCEDES DE PRODUCTION**
[72] NUMMILA-PAKARINEN, AULI, FI
[72] MYHRE, OLE JAN, NO
[72] JANSEN, BJARNE, PT
[71] BOREALIS TECHNOLOGY OY, FI
[85] 2000-08-09
[86] 1999-02-10 (PCT/FI99/00101)
[87] 1999-08-19 (WO99/41310)
[30] FI (980308) 1998-02-10

[21] **2,320,296**
[13] A1

[51] **Int.Cl. 6G01N 33/483 6G01N 21/01**
[25] EN
[54] **LIQUID ANALYSIS CARTRIDGE LIQUIDE**
[54] **CARTOUCHE D'ANALYSE LIQUIDE**
[72] HOLL, MARK R., US
[72] EDWARDS, FLOYD, US
[72] KLEIN, GERALD L., US
[72] MORFF, ROBERT J., US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2000-08-09
[86] 1999-04-29 (PCT/US99/09322)
[87] 1999-11-25 (WO99/60397)
[30] US (09/080,691) 1998-05-18

[21] **2,320,297**
[13] A1

[51] **Int.Cl. 6B27K 3/22 6C08L 101/00 6C08L 97/02 6C08K 3/38**
[25] EN
[54] **COMPOSITE PRODUCTS**
[54] **PRODUIT LIGNEUX COMPOSITE**
[72] TEMPLETON, DEREK ALEXANDER, US
[72] FOOKES, DAVID, CA
[72] GNATOWSKI, MAREK JAN, CA
[72] PIKE, ROBERT LEESON, CA
[71] TRUS JOIST MACMILLAN A LIMITED PARTNERSHIP, CA
[85] 2000-08-09
[86] 1999-02-02 (PCT/CA99/00088)
[87] 1999-09-02 (WO99/43476)
[30] US (09/030,920) 1998-02-26

[21] **2,320,298**
[13] A1

[51] **Int.Cl. 7H01H 13/64**
[25] EN
[54] **A SWITCHING ARRANGEMENT COMPRISING A CONTACT-BEARING LAMINA APT TO BE INCLINED TOWARDS ONE OR MORE POSITIONS**
[54] **DISPOSITIF DE COMMUTATION POURVU D'UNE LAMELLE PORTEUSE DE CONTACTS ET POUVANT S'INCLINER VERS UN OU PLUSIEURS POINTS**
[72] DIELEMAN, JAN PIETER, NL
[71] LUXDER LLC, US
[85] 2000-08-09
[86] 1999-12-02 (PCT/IB99/01921)
[87] 2000-06-22 (WO00/36619)
[30] IT (MI98A002697) 1998-12-15

[21] **2,320,299**
[13] A1

[51] **Int.Cl. 7F04C 18/02**
[25] EN
[54] **SCROLL TYPE FLUID MACHINERY**
[54] **EQUIPEMENT HYDRAULIQUE DE TYPE A VIS HELICOIDALE**
[72] TANAKA, KOU, JP
[72] TAKEUCHI, MAKOTO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2000-08-09
[86] 1999-12-08 (PCT/JP99/06879)
[87] 2000-06-15 (WO00/34660)
[30] JP (10-350262) 1998-12-09
[30] JP (11-203922) 1999-07-16

[21] **2,320,300**
[13] A1

[51] **Int.Cl. 6A61B 17/22**
[25] EN
[54] **APPARATUS AND METHOD FOR INHIBITING RESTENOSIS BY APPLYING ULTRASOUND ENERGY TOGETHER WITH DRUGS**
[54] **APPAREIL ET PROCEDE D'INHIBITION DE RESTENOSE PAR APPLICATION D'ENERGIE ULTRASONORE EN COMBINAISON AVEC DES MEDICAMENTS**
[72] ROSENSCHEIN, URI, IL
[72] ROZESZJAN, ARIE, IL
[71] ANGIOSONICS INC., US
[85] 2000-08-09
[86] 1999-02-03 (PCT/US99/02332)
[87] 1999-08-12 (WO99/39647)
[30] US (09/021,162) 1998-02-10

[21] **2,320,301**
[13] A1

[51] **Int.Cl. 6D02G 3/00 6D21F 11/00**
[25] EN
[54] **LOW COEFFICIENT OF FRICTION FIBERS**
[54] **FIBRES A FAIBLE COEFFICIENT DE FROTTEMENT**
[72] GUNN, ROBERT T., US
[71] GUNN, ROBERT T., US
[85] 2000-08-09
[86] 1999-02-10 (PCT/US99/02932)
[87] 1999-08-12 (WO99/40246)
[30] US (09/021,325) 1998-02-10

[21] **2,320,303**
[13] A1

[51] **Int.Cl. 7C08G 8/28 7C08G 10/04 7C08G 14/04 7C08G 16/04 7C08G 59/62**
[25] EN
[54] **PROCESS FOR PRODUCING MODIFIED PHENOLIC RESIN**
[54] **PROCEDE DE PRODUCTION D'UNE RESINE PHENOLIQUE MODIFIEE**
[72] TAKEDA, MITSUNORI, JP
[72] SATO, MASAMICHI, JP
[71] KASHIMA OIL CO., LTD., JP
[85] 2000-08-10
[86] 1999-10-04 (PCT/JP99/05450)
[87] 2000-06-15 (WO00/34349)
[30] JP (351577/1998) 1998-12-10

[21] **2,320,304**
[13] A1

[51] **Int.Cl. 6C07D 487/04 6C07D 239/00 6C07D 249/00 6A01N 43/90**
[25] EN
[54] **FUNGICIDAL 7-ALKYL-TRIAZOLOPYRIMIDINES**
[54] **7-ALKYL-TRIAZOLOPYRIMIDINES FONGICIDES**
[72] PFRENGLE, WALDEMAR, DE
[72] PEES, KLAUS-JUERGEN, DE
[72] ALBERT, GUIDO, DE
[71] AMERICAN CYANAMID COMPANY, US
[85] 2000-08-10
[86] 1999-02-09 (PCT/US99/02808)
[87] 1999-08-19 (WO99/41255)
[30] US (09/022,288) 1998-02-11
[30] US (09/243,851) 1999-02-03

Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] 2,320,305 [13] A1</p> <p>[51] Int.Cl. 6A01N 25/04 6A01N 57/20 [25] EN [54] STORAGE-STABLE COMPOSITION CONTAINING EXOGENOUS CHEMICAL SUBSTANCE AND SILOXANE SURFACTANT [54] COMPOSITION STABLE A L'ENTREPOSAGE CONTENANT UNE SUBSTANCE CHIMIQUE EXOGENE ET UN TENSIOACTIF SILOXANE [72] JIMOH, GANIYU A., US [72] BRINKER, RONALD J., US [71] MONSANTO COMPANY, US [85] 2000-08-10 [86] 1999-02-12 (PCT/US99/02950) [87] 1999-08-19 (WO99/40785) [30] US (60/074,577) 1998-02-13</p>	<p style="text-align: center;">[21] 2,320,308 [13] A1</p> <p>[51] Int.Cl. 6A61F 5/04 [25] EN [54] TWO-PART CAPTURED-LOOP KNOTLESS SUTURE ANCHOR ASSEMBLY [54] ENSEMBLE ANCRE DE SUTURE SANS NOEUD A BOUCLE CAPTUREE EN DEUX PARTIES [72] THAL, RAYMOND, US [71] THAL, RAYMOND, US [85] 2000-08-09 [86] 1999-02-11 (PCT/US99/01483) [87] 1999-08-26 (WO99/42064) [30] US (09/027,741) 1998-02-23</p>	<p style="text-align: center;">[21] 2,320,311 [13] A1</p> <p>[51] Int.Cl. 6G01R 33/00 [25] EN [54] MAGNETIC DIGITAL SIGNAL COUPLER [54] COUPLEUR MAGNETIQUE DE SIGNAUX NUMERIQUES [72] DAUGHTON, JAMES M., US [72] FAYFIELD, ROBERT T., US [72] HERMANN, THEODORE M., US [72] STOKES, JOHN F., US [71] NONVOLATILE ELECTRONICS, INCORPORATED, US [85] 2000-08-09 [86] 1999-03-04 (PCT/US99/04890) [87] 1999-09-10 (WO99/45405) [30] US (60/076,716) 1998-03-04 [30] US (09/261,899) 1999-03-03</p>
<p style="text-align: center;">[21] 2,320,306 [13] A1</p> <p>[51] Int.Cl. 6H04J 3/22 [25] EN [54] TIME DIVISION MULTIPLEXING EXPANSION SUBSYSTEM [54] SOUS-SYSTEME D'EXTENSION DE MULTIPLEXAGE TEMPOREL [72] HUANG, SHOUHUA, US [72] CHENG, XIN, US [71] OSICOM TECHNOLOGIES, INC., US [85] 2000-08-09 [86] 1999-02-05 (PCT/US99/02602) [87] 1999-08-19 (WO99/41863) [30] US (09/021,619) 1998-02-11</p>	<p style="text-align: center;">[21] 2,320,309 [13] A1</p> <p>[51] Int.Cl. 6B24B 19/12 [25] EN [54] MACHINE TOOL AND MACHINE TOOL SPINDLE AND WORKPIECE MOUNTING-APPARATUS AND GRINDING PROCESS [54] MACHINE-OUTIL, BROCHE DE MACHINE-OUTIL, DISPOSITIF DE MONTAGE D'UNE PIECE A USINER ET PROCEDE DE MEULAGE [72] PFLAGER, WILLIAM WOOD, US [72] METZLER, JOEL KYM, US [71] UNOVA IP CORP., US [85] 2000-08-09 [86] 1999-02-08 (PCT/US99/01862) [87] 1999-08-12 (WO99/39872) [30] US (09/020,732) 1998-02-09</p>	<p style="text-align: center;">[21] 2,320,312 [13] A1</p> <p>[51] Int.Cl. 6B23F 21/22 [25] EN [54] CUTTING TOOL FOR PRODUCING TOOTHED ARTICLES [54] OUTIL DE COUPE PERMETTANT DE PRODUIRE DES ARTICLES DENTES [72] STADTFELD, HERMANN J., US [72] CLARK, RAYMOND E., US [71] THE GLEASON WORKS, US [85] 2000-08-09 [86] 1999-02-10 (PCT/US99/03021) [87] 1999-08-19 (WO99/41035) [30] US (60/074,284) 1998-02-11</p>
<p style="text-align: center;">[21] 2,320,307 [13] A1</p> <p>[51] Int.Cl. 7G06F 9/46 [25] EN [54] OBJECT HASHING WITH INCREMENTAL CHANGES [54] HACHAGE OBJET A MODIFICATIONS INCREMENTIELLES [72] KLOTS, BORIS, US [72] MIRCHANDANEY, RAVI, US [72] FISCHER, JEFFREY, US [72] BAMFORD, ROGER J., US [71] ORACLE CORPORATION, US [85] 2000-08-09 [86] 1999-12-06 (PCT/US99/28701) [87] 2000-06-29 (WO00/38062) [30] US (09/218,864) 1998-12-21</p>	<p style="text-align: center;">[21] 2,320,310 [13] A1</p> <p>[51] Int.Cl. 7A41D 13/12 [25] EN [54] DISPOSABLE UPPER GARMENT AND PROCESS FOR MAKING THE SAME [54] VESTE JETABLE ET PROCEDE DE FABRICATION ASSOCIE [72] MATSUSHITA, MICHIO, JP [72] KUWASHIRO, TAKEO, JP [71] UNI-CHARM CO., LTD., JP [85] 2000-08-09 [86] 1999-12-10 (PCT/JP99/06952) [87] 2000-06-15 (WO00/33687) [30] JP (10-351845) 1998-12-10</p>	<p style="text-align: center;">[21] 2,320,313 [13] A1</p> <p>[51] Int.Cl. 6B29C 65/40 6C09J 5/06 [25] EN [54] A METHOD FOR BONDING PLASTIC OBJECTS TOGETHER WITH A HOT MELT ADHESIVE [54] [72] SUENDERMANN, FRANZ, AT [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2000-08-10 [86] 1998-12-09 (PCT/AT98/00298) [87] 1999-06-17 (WO99/29491) [30] AT (A 2081/97) 1997-12-09</p>

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<p style="text-align: right;">[21] 2,320,314 [13] A1</p> <p>[51] Int.Cl. 7B05D 3/06 7B05D 3/02 [25] EN [54] METHOD FOR MULTI-LAYER VARNISHING WITH RADIATION HARDENABLE COATING AGENTS [54] PROCEDE POUR APPLIQUER UNE PEINTURE A PLUSIEURS COUCHES COMPORTANT DES AGENTS DE REVETEMENT DURCISSABLES AU MOYEN D'UN RAYONNEMENT [72] LOFFLER, HELMUT, DE [72] KIMPEL, CHRISTINE, DE [72] FEYRER, WOLFGANG, DE [72] ZEYEN, JENS, DE [72] MAAG, KARIN, DE [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-08-10 [86] 1999-11-24 (PCT/EP99/09062) [87] 2000-06-22 (WO00/35597) [30] DE (198 57 940.3) 1998-12-16</p>	<p style="text-align: right;">[21] 2,320,316 [13] A1</p> <p>[51] Int.Cl. 6H01Q 1/10 6H04B 1/38 [25] EN [54] MOBILE COMMUNICATION UNIT WITH RETRACTABLE ANTENNA [54] UNITE MOBILE DE COMMUNICATION PRESENTANT UNE ANTENNE ESCAMOTABLE [72] CHOI, YOUNG SUK, KR [71] CHOI, YOUNG SUK, KR [85] 2000-08-10 [86] 1999-02-11 (PCT/KR99/00065) [87] 1999-08-19 (WO99/41801) [30] KR (98-1627) 1998-02-11 [30] KR (98-4308) 1998-03-23</p>	<p style="text-align: right;">[21] 2,320,319 [13] A1</p> <p>[51] Int.Cl. 6C07D 401/12 6C07D 471/04 6C07D 401/14 6C07D 409/14 6A61K 31/445 6A61K 31/495 6A61K 31/505 6A61K 31/535 [25] EN [54] 1,4-DIHYDROPYRIDINE DERIVATIVES [54] DERIVES DE 1,4-DIHYDROPYRIDINE [72] TASAKA, SHIGEYUKI, JP [72] GOMI, NORIAKI, JP [72] OMORI, HIROMASA, JP [72] TANABE, HIROKAZU, JP [72] KIUE, AKIRA, JP [71] NIKKEN CHEMICALS CO., LTD., JP [85] 2000-08-09 [86] 1999-02-03 (PCT/JP99/00458) [87] 1999-08-19 (WO99/41250) [30] JP (10/42969) 1998-02-10 [30] JP (10/198184) 1998-05-25</p>
<p style="text-align: right;">[21] 2,320,315 [13] A1</p> <p>[51] Int.Cl. 6B32B 7/08 6C08L 67/00 6C08L 89/04 6C08K 3/06 6C08K 5/10 6C08K 5/32 6C08K 5/36 [25] EN [54] THERMOPLASTIC ARTICLES MADE FROM RECYCLED PRODUCTS AND PROCESS FOR MAKING [54] ARTICLES THERMOPLASTIQUES FABRIQUES A PARTIR DE PRODUITS RECYCLES ET PROCEDE DE FABRICATION CORRESPONDANT [72] GANDOLFO, THOMAS C., US [72] BAYERM, JOHN C., US [71] COMPOSITECH, LLC, US [85] 2000-08-10 [86] 1998-08-03 (PCT/US98/16167) [87] 1999-08-19 (WO99/41065) [30] US (09/022,226) 1998-02-11</p>	<p style="text-align: right;">[21] 2,320,317 [13] A1</p> <p>[51] Int.Cl. 6C09D 5/03 6C09D 201/02 [25] EN [54] METHOD FOR PRODUCING POWDER COATINGS [54] PROCEDE DE REALISATION DE COUCHES DE POWDRE [72] BLATTER, KARSTEN, DE [72] NIGGEMANN, FRANK, DE [72] ZIMMERMANN, FRANK, DE [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-08-10 [86] 1999-02-12 (PCT/EP99/01009) [87] 1999-08-19 (WO99/41323) [30] DE (198 06 445.4) 1998-02-17</p>	<p style="text-align: right;">[21] 2,320,320 [13] A1</p> <p>[51] Int.Cl. 7A01K 11/00 7A01K 29/00 [25] EN [54] EAR MARKS FOR LIVESTOCK REGISTRATION, PRINTING METHOD FOR EAR MARKS, AND IDENTIFICATION METHOD USING THE EAR MARKS [54] MARQUES DISTINCTIVES SERVANT A IDENTIFIER DU BETAIL, LEUR PROCEDE D'IMPRESSION ET LEUR PROCEDE DE MISE EN APPLICATION [72] MIYAWAKI, YUTAKA, JP [71] SURGE MIYAWAKI CO., LTD., JP [85] 2000-08-09 [86] 1999-12-09 (PCT/JP99/06927) [87] 2000-06-15 (WO00/33648) [30] JP (10/350531) 1998-12-09 [30] JP (11/39974) 1999-02-18</p>
<p style="text-align: right;">[21] 2,320,318 [13] A1</p> <p>[51] Int.Cl. 7B05B 12/14 7B65B 3/00 7B05B 9/047 [25] EN [54] AUTOMATIC PAINTING DEVICE [54] DISPOSITIF AUTOMATIQUE DE PEINTURE [72] UMEZAWA, NORIO, JP [72] HOSODA, TOSHIO, JP [72] YOSHIDA, OSAMU, JP [72] NAKANO, TOSHIAKI, JP [71] ABB K.K., JP [85] 2000-08-10 [86] 1999-12-09 (PCT/JP99/06919) [87] 2000-06-29 (WO00/37181) [30] JP (10/360959) 1998-12-18</p>	<p style="text-align: right;">[21] 2,320,318 [13] A1</p> <p>[51] Int.Cl. 7B05B 12/14 7B65B 3/00 7B05B 9/047 [25] EN [54] AUTOMATIC PAINTING DEVICE [54] DISPOSITIF AUTOMATIQUE DE PEINTURE [72] UMEZAWA, NORIO, JP [72] HOSODA, TOSHIO, JP [72] YOSHIDA, OSAMU, JP [72] NAKANO, TOSHIAKI, JP [71] ABB K.K., JP [85] 2000-08-10 [86] 1999-12-09 (PCT/JP99/06919) [87] 2000-06-29 (WO00/37181) [30] JP (10/360959) 1998-12-18</p>	<p style="text-align: right;">[21] 2,320,318 [13] A1</p> <p>[51] Int.Cl. 7B05B 12/14 7B65B 3/00 7B05B 9/047 [25] EN [54] AUTOMATIC PAINTING DEVICE [54] DISPOSITIF AUTOMATIQUE DE PEINTURE [72] UMEZAWA, NORIO, JP [72] HOSODA, TOSHIO, JP [72] YOSHIDA, OSAMU, JP [72] NAKANO, TOSHIAKI, JP [71] ABB K.K., JP [85] 2000-08-10 [86] 1999-12-09 (PCT/JP99/06919) [87] 2000-06-29 (WO00/37181) [30] JP (10/360959) 1998-12-18</p>

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[21] **2,320,321**
[13] A1
[51] **Int.Cl. 6B05D 1/02 6B05D 3/02 6B32B 23/08 6B32B 27/10 6C08K 3/34**
[25] EN
[54] **A METHOD FOR ENHANCING WITH LATEX THE ANTI-SKID PROPERTIES OF PAPER**
[54] **PROCEDE D'AMELIORATION DES PROPRIETES ANTI-GLISSANTES DU PAPIER A L'AIDE DE LATEX**
[72] TILLIRSON, ERIC, US
[72] MIRANDA, JORGE F., US
[71] VININGS INDUSTRIES, INC., US
[85] 2000-08-09
[86] 1998-02-10 (PCT/US98/02371)
[87] 1999-08-12 (WO99/39838)

[21] **2,320,322**
[13] A1
[51] **Int.Cl. 7B05B 12/14 7B65B 3/00 7B05B 9/047**
[25] EN
[54] **PAINT FILLING DEVICE FOR CARTRIDGES**
[54] **DISPOSITIF DE REMPLISSAGE DE PEINTURE POUR CARTOUCHES**
[72] HOSODA, TOSHIO, JP
[72] MATSUDA, HIDETSUGU, JP
[72] YOSHIDA, OSAMU, JP
[71] ABB K.K., JP
[85] 2000-08-10
[86] 1999-12-09 (PCT/JP99/06918)
[87] 2000-06-29 (WO00/37180)
[30] JP (10/360960) 1998-12-18

[21] **2,320,323**
[13] A1
[51] **Int.Cl. 7B05B 12/14 7B65B 3/00 7B05D 1/02 7B05B 9/04**
[25] EN
[54] **AUTOMATIC PAINTING METHOD AND DEVICE THEREFOR**
[54] **PROCEDE AUTOMATISE POUR PEINTURE ET DISPOSITIF A CET EFFET**
[72] HOSODA, TOSHIO, JP
[72] YOSHIDA, OSAMU, JP
[72] MATSUDA, HIDETSUGU, JP
[71] ABB K.K., JP
[85] 2000-08-10
[86] 1999-12-09 (PCT/JP99/06920)
[87] 2000-06-29 (WO00/37182)
[30] JP (10/360958) 1998-12-18

[21] **2,320,324**
[13] A1
[51] **Int.Cl. 6E21B 33/138 6E21B 43/25**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO REDUCING WATER FLOW**
[54] **PROCEDE AMELIORE SERVANT A LIMITER UN ECOULEMENT D'EAU**
[72] MUNDAY, KEITH, GB
[71] BG INTELLECTUAL PROPERTY LIMITED, GB
[85] 2000-08-10
[86] 1999-01-28 (PCT/GB99/00114)
[87] 1999-08-26 (WO99/42700)
[30] GB (9803331.9) 1998-02-18
[30] GB (9824739.8) 1998-11-12

[21] **2,320,325**
[13] A1
[51] **Int.Cl. 7H04N 5/445 7G09B 21/00 7A63F 13/12 7G06F 1/16**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE, METHOD OF CONTROLLING THE DEVICE AND RECORDING MEDIUM FOR RECORDING DATA USED BY THE DEVICE**
[54] **DISPOSITIF ELECTRONIQUE PORTABLE, PROCEDE DE COMMANDE DE CE DISPOSITIF ET SUPPORT D'ENREGISTREMENT POUR ENREGISTRER LES DONNEES UTILISEES PAR LE DISPOSITIF**
[72] KUTURAGI, KEN, JP
[72] SHIMAKAWA, KEISO, JP
[72] HINO, MARIKO, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
[85] 2000-08-10
[86] 1999-12-15 (PCT/JP99/07037)
[87] 2000-06-22 (WO00/36828)
[30] JP (10/357724) 1998-12-16

[21] **2,320,326**
[13] A1
[51] **Int.Cl. 7G02B 6/18**
[25] EN
[54] **OPTICAL FIBER FOR BROADBAND OPTICAL DEVICES AND OPTICAL FIBER DEVICES USING THEREOF**
[54] **FIBRE OPTIQUE POUR DISPOSITIFS OPTIQUES A LARGE BANDE ET DISPOSITIFS A BASE DE TELLES FIBRES OPTIQUES**
[72] KIM, BYOUNG-YOON, KR
[72] YUN, SEOK-HYUN, KR
[72] KOH, YEON-WAN, KR
[72] OH, KYUNG-HWAN, KR
[72] LEE, BONG-WAN, KR
[72] KIM, JIN-HA, KR
[71] DONAM SYSTEMS INC., KR
[85] 2000-08-10
[86] 1999-12-10 (PCT/KR99/00762)
[87] 2000-06-15 (WO00/34812)
[30] KR (1998-54114) 1998-12-10

[21] **2,320,327**
[13] A1
[51] **Int.Cl. 6H04Q 7/34**
[25] EN
[54] **RELIABLE CONTINUOUSLY OPERATING FIXED CELLULAR TERMINAL**
[54] **TERMINAL CELLULAIRE FIXE FIABLE FONCTIONNANT EN CONTINU**
[72] ARMANTROUT, JEFFREY A., US
[71] ERICSSON INC., US
[85] 2000-08-10
[86] 1998-12-23 (PCT/US98/27376)
[87] 1999-08-19 (WO99/41924)
[30] US (09/022,511) 1998-02-12

[21] **2,320,328**
[13] A1
[51] **Int.Cl. 7H02M 3/335**
[25] EN
[54] **SELF-DRIVE SYNCHRONOUS RECTIFICATION SCHEME**
[54] **SYSTEME DE REDRESSEMENT SYNCHRONE AUTOMATIQUE**
[72] FARRINGTON, RICHARD W., US
[72] ZHANG, JUN, US
[72] HART, WILLIAM, US
[71] ERICSSON, INC., US
[85] 2000-08-10
[86] 1999-12-11 (PCT/US99/29498)
[87] 2000-06-15 (WO00/35071)
[30] US (09/209,733) 1998-12-11

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[21] **2,320,331**
[13] A1

[51] **Int.Cl. 6G03C 11/08 6B42D 15/10 6B32B 7/12 6G03C 1/76**
[25] EN
[54] **MOULDABLE PHOTOGRAPHIC MATERIAL**
[54] **MATIERE PHOTOGRAPHIQUE MOULABLE**
[72] THOMSON, PENELOPE ANNE, GB
[72] CUNNINGHAM THOMSON, ANDREW, GB
[71] THOMSON, PENELOPE ANNE, GB
[71] CUNNINGHAM THOMSON, ANDREW, GB
[85] 2000-08-10
[86] 1998-02-10 (PCT/GB98/00410)
[87] 1998-08-13 (WO98/35269)
[30] GB (9702669.4) 1997-02-10

[21] **2,320,334**
[13] A1

[51] **Int.Cl. 6D21C 3/20**
[25] EN
[54] **A PULPING COMPOSITION AND PROCESS USING AMINOALKOXYLSILANES**
[54] **COMPOSITION ET PROCEDE DE REDUCTION EN PATE UTILISANT DES AMINOALCOXYLSILANES**
[72] SAINT VICTOR, MARIE-ESTHER, US
[71] COGNIS CORPORATION, US
[85] 2000-08-10
[86] 1999-01-28 (PCT/US99/00398)
[87] 1999-08-12 (WO99/40252)
[30] US (09/021,189) 1998-02-10

[21] **2,320,336**
[13] A1

[51] **Int.Cl. 6A61B 17/12**
[25] EN
[54] **VASO-OCCLUSIVE MEMBER ASSEMBLY WITH MULTIPLE DETACHING POINTS**
[54] **ENSEMBLE ELEMENT POUR OCCLUSION VASCULAIRE A POINTS DE DETACHEMENT MULTIPLES**
[72] WALLACE, MICHAEL P., US
[72] ROUE, CHAD C., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2000-08-10
[86] 1999-02-18 (PCT/US99/03495)
[87] 1999-08-26 (WO99/42038)
[30] US (09/025,707) 1998-02-18

[21] **2,320,337**
[13] A1

[51] **Int.Cl. 6A61B 17/12**
[25] EN
[54] **VASO-OCCLUSIVE DEVICE WITH ATTACHED POLYMERIC FIBRES**
[54] **DISPOSITIF D'OCCLUSION VASCULAIRE A FIBRES POLYMERES SOLIDAIRES**
[72] VILLAR, FRANCISCO S., US
[72] AGANON, NESTOR, US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2000-08-10
[86] 1999-02-12 (PCT/US99/03096)
[87] 1999-08-19 (WO99/40852)
[30] US (09/023,564) 1998-02-13

[21] **2,320,338**
[13] A1

[51] **Int.Cl. 6C08G 69/00 6C08K 5/3435**
[25] EN
[54] **INHERENTLY LIGHT- AND HEAT-STABILIZED POLYAMIDE AND METHOD OF MAKING THE SAME**
[54] **POLYAMIDE A STABILITE A LA LUMIERE ET A LA CHALEUR INTRINSEQUE ET SON PROCEDE DE FABRICATION**
[72] JULIUS, MANFRED, DE
[72] ILG, OTTO, DE
[72] BREINER, ULRIKE, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
[85] 2000-08-10
[86] 1999-02-12 (PCT/EP99/00932)
[87] 1999-08-19 (WO99/41297)
[30] US (60/074578) 1998-02-13

[21] **2,320,339**
[13] A1

[51] **Int.Cl. 6C07K 14/52 6C07K 5/00 6C07K 7/00 6A61K 51/08 6C07D 303/22 6G01N 33/534**
[25] EN
[54] **ANGIOGENESIS TARGETING MOLECULES**
[54] **MOLECULES CIBLANT L'ANGIOGENESE**
[72] ESHIMA, DENNIS, CA
[72] THORNBAC, JOHN, CA
[72] POLLAK, ALFRED, CA
[72] FAUCONNIER, THERESA, CA
[71] RESOLUTION PHARMACEUTICALS INC., CA
[85] 2000-08-10
[86] 1999-02-11 (PCT/CA99/00101)
[87] 1999-08-19 (WO99/40947)
[30] US (60/074,420) 1998-02-11

[21] **2,320,340**
[13] A1

[51] **Int.Cl. 7E04C 2/14 7E04B 1/10 7E04C 2/40 7E04B 2/70**
[25] EN
[54] **MODULAR INTEGRAL CONSTRUCTION SYSTEM FOR SOLID WOOD BUILDINGS**
[54] **SYSTEME MODULAIRE DE CONSTRUCTION INTEGRALE DE BATIMENTS EN BOIS MASSIF**
[72] GARCIA LOPEZ DE LACALLE, FELIPE, ES
[71] GARCIA LOPEZ DE LACALLE, FELIPE, ES
[85] 2000-08-10
[86] 1999-12-10 (PCT/ES99/00395)
[87] 2000-06-22 (WO00/36243)
[30] ES (P 9802576) 1998-12-11

[21] **2,320,347**
[13] A1

[51] **Int.Cl. 7H04N 5/38 7H04N 5/222 7H04N 5/44**
[25] EN
[54] **SERIAL DIGITAL INTERFACE SYSTEM TRANSMISSION/RECEPTION METHOD AND DEVICE THEREFOR**
[54] **PROCEDE ET DISPOSITIF D'EMISSION/RECEPTION POUR SYSTEME A INTERFACE SERIE NUMERIQUE**
[72] NISHIOKA, MINORU, JP
[72] WADA, NORIYUKI, JP
[72] TAKEUCHI, TOMOTAKA, JP
[72] MURAO, TSUGIO, JP
[72] BANNAI, TATSUSHI, JP
[71] MATSUSHITA ELECTRICAL INDUSTRIAL CO., LTD., JP
[85] 2000-08-04
[86] 1999-12-06 (PCT/JP99/06811)
[87] 2000-06-15 (WO00/35189)
[30] JP (10-346488) 1998-12-07
[30] JP (11-50039) 1999-02-26
[30] JP (11-229672) 1999-08-16

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[21] **2,320,348**
[13] A1

[51] **Int.Cl. 6C03C 17/00 6B60R 1/06 6G02B 7/18 6C03C 17/36 6C03C 17/38**
[25] EN
[54] **HEATABLE MIRROR, METHOD FOR PRODUCING A HEAT CONDUCTIVE LAYER, AND THE USE THEREOF**
[54] **RETROVISEUR CHAUFFANT, PROCEDE POUR PRODUIRE UNE COUCHE THERMOCONDUCTRICE, AINSI QUE SON UTILISATION**
[72] STARK, JOHANN, AT
[72] ZORN, HEINZ, AT
[72] MACHER, DAVID, AT
[71] MAGNA AUTECA ZWEIGNIEDERLASSUNG DER MAGNA HOLDING AG, DE
[85] 2000-08-04
[86] 1999-02-04 (PCT/EP99/00728)
[87] 1999-08-12 (WO99/40039)
[30] AT (A 221/98) 1998-02-06

[21] **2,320,349**
[13] A1

[51] **Int.Cl. 6B26B 19/44 6B26B 21/00 6B23P 17/00**
[25] EN
[54] **METHOD OF MANUFACTURING A RAZOR**
[54] **PROCEDE DE FABRICATION D'UN RASOIR**
[72] GARLAND, COLMAN C., US
[72] CURELLO, ANDREW J., US
[72] JOHNSON, BARRY C., III, US
[71] BIC CORPORATION, US
[85] 2000-08-04
[86] 1999-02-12 (PCT/US99/03129)
[87] 1999-08-19 (WO99/41042)
[30] US (09/028,866) 1998-02-13

[21] **2,320,350**
[13] A1

[51] **Int.Cl. 6B01J 13/00**
[25] EN
[54] **ION SEPARATION USING A SURFACE-TREATED XEROGEL**
[54] **SEPARATION D'IONS UTILISANT UN XEROGEL TRAITÉ EN SURFACE**
[72] YANG, ARTHUR JING-MIN, US
[71] INDUSTRIAL SCIENCE & TECHNOLOGY NETWORK, INC., US
[85] 2000-08-04
[86] 1999-02-03 (PCT/US99/02181)
[87] 1999-08-12 (WO99/39816)
[30] US (60/074,026) 1998-02-09

[21] **2,320,351**
[13] A1

[51] **Int.Cl. 6A01N 25/00 6C05G 3/02 6A01N 37/44**
[25] EN
[54] **ENHANCEMENT OF METAL MOLLUSCIDES BY ETHYLENE DIAMINE DISUCCINIC ACID**
[54] **AMELIORATION DE MOLLUSCIDES METALLIQUES A L'AIDE D'UN ACIDE ETHYLENEDIAMINO-DISCUSSINIQUE (EDDS)**
[72] PURITCH, GEORGE S., CA
[71] W. NEUDORFF GMBH KG, DE
[85] 2000-08-04
[86] 1999-02-04 (PCT/EP99/00740)
[87] 1999-08-12 (WO99/39576)
[30] US (60/073,827) 1998-02-05

[21] **2,320,352**
[13] A1

[51] **Int.Cl. 6F28F 5/06 6F28D 11/08**
[25] EN
[54] **SEGMENTED FLOW DEVICE**
[54] **DISPOSITIF DE SEGMENTATION DE FLUX**
[72] WALKER, PAUL N., US
[71] THE PENN STATE RESEARCH FOUNDATION, US
[85] 2000-08-04
[86] 1999-02-04 (PCT/US99/02730)
[87] 1999-08-12 (WO99/40384)
[30] US (60/073,773) 1998-02-05
[30] US (60/101,378) 1998-09-22

[21] **2,320,353**
[13] A1

[51] **Int.Cl. 6H04Q 3/00**
[25] EN
[54] **INTERACTION HANDLER FOR TELEPHONE SUBSCRIBER SERVICES**
[54] **UNITE DE TRAITEMENT D'INTERACTIONS POUR SERVICES AUX ABONNES TELEPHONIQUES**
[72] KULLSTROM, TOMAS, SE
[72] GUNNARSSON, TORE, SE
[72] ELTESER, FRIEDRICH, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-08-04
[86] 1999-01-29 (PCT/SE99/00124)
[87] 1999-08-26 (WO99/43164)
[30] US (09/025,212) 1998-02-18

[21] **2,320,354**
[13] A1

[51] **Int.Cl. 6C07D 285/24 6C07D 401/04 6C07D 403/04 6C07D 405/04 6C07D 409/04 6C07D 413/04 6C07D 513/04 6A61K 31/18 6C07D 265/22 6C07D 285/28 6C07D 285/32 6C07C 311/39 6A61K 31/505 6A61K 31/535 6A61K 31/54 6C07D 239/74 6C07D 239/88 6C07D 239/91**
[25] EN
[54] **NOVEL COMPOUNDS AND THEIR USE AS POSITIVE AMPA RECEPTOR MODULATORS**
[54] **NOUVEAUX COMPOSES ET LEUR UTILISATION COMME MODULATEURS POSITIFS DU RECEPTEUR AMPA**
[72] VARMING, THOMAS, DK
[72] GOULIAEV, ALEX HAAHR, DK
[72] LARSEN, MOGENS, DK
[72] SCHEEL-KRUGER, JORGEN, DK
[72] OLSEN, GUNNAR M., DK
[72] NIELSEN, ELSEBET OSTERGAARD, DK
[72] MATHIESEN, CLAUS, DK
[72] JOHANSEN, TINA HOLM, DK
[71] NEUROSEARCH A/S, DK
[85] 2000-08-04
[86] 1999-02-18 (PCT/DK99/00070)
[87] 1999-08-26 (WO99/42456)
[30] DK (0226/98) 1998-02-18

[21] **2,320,355**
[13] A1

[51] **Int.Cl. 6C02F 3/22 6C02F 11/02**
[25] EN
[54] **PROCESS FOR CONTROLLING FOAM IN A TREATMENT REACTOR**
[54] **PROCEDE SERVANT A REGULER LA MOUSSE DANS UN REACTEUR DE TRAITEMENT**
[72] PRESSLEY, RICHARD L., US
[72] WILLIAMSON, JEFFREY D., US
[71] THERMAL PROCESS SYSTEMS, LLC, US
[85] 2000-08-04
[86] 1999-02-04 (PCT/US99/02438)
[87] 1999-08-12 (WO99/40036)
[30] US (09/019,530) 1998-02-05
[30] US (09/233,532) 1999-01-20

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[21] **2,320,356**
[13] A1

[51] **Int.Cl. 6C10G 47/02 6F28D 21/00 6C10G 45/00 6C10G 47/00 6C10G 65/00 6B01J 8/00 6C07C 4/02 6B01J 8/04**
[25] EN
[54] **HYDROPROCESSING REACTOR AND PROCESS WITH LIQUID QUENCH**
[54] **REACTEUR ET PROCEDE D'HYDROTRAITEMENT A REFROIDISSEMENT RAPIDE PAR LIQUIDE**
[72] TSAO, YINGYEN P., US
[72] BRADWAY, ROBERT ALLEN, US
[71] MOBIL OIL CORPORATION, US
[85] 2000-08-04
[86] 1999-02-03 (PCT/US99/02380)
[87] 1999-08-19 (WO99/41329)
[30] US (09/023,734) 1998-02-13

[21] **2,320,357**
[13] A1

[51] **Int.Cl. 6G02B 6/293 6G02B 6/12**
[25] EN
[54] **WAVELENGTH DIVISION MULTIPLEXER/DEMUTIPLEXER OPTICAL DEVICE**
[54] **DISPOSITIF OPTIQUE DE MULTIPLEXAGE/DEMUTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE**
[72] ELADADA, LOUAY, US
[71] CORNING INCORPORATED, US
[85] 2000-08-04
[86] 1999-02-19 (PCT/US99/03541)
[87] 1999-08-26 (WO99/42873)
[30] US (09/027,026) 1998-02-20

[21] **2,320,364**
[13] A1

[51] **Int.Cl. 7E02F 3/26**
[25] EN
[54] **ROTATABLE IMPLEMENT DEPTH CONTROL APPARATUS**
[54] **APPAREIL DE CONTROLE DE LA PROFONDEUR D'UN OUTIL ROTATIF**
[72] COCHRAN, GARY, US
[71] COCHRAN, GARY, US
[85] 2000-08-04
[86] 1999-12-03 (PCT/US99/28641)
[87] 2000-06-29 (WO00/37887)
[30] US (09/205,248) 1998-12-04

[21] **2,320,366**
[13] A1

[51] **Int.Cl. 6C08K 3/08 6C09J 4/00 6C09J 101/00**
[25] EN
[54] **ADHESIVE FOR ALUMINUM USING ALUMINUM-LITHIUM CORROSION INHIBITORS**
[54] **ADHESIF POUR ALUMINIUM UTILISANT DES INHIBITEURS DE CORROSION A BASE D'ALUMINIUM-LITHIUM**
[72] DAECH, ALFRED F., US
[72] SARKAR, NIKHIL K., US
[71] THE BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL, US
[71] UNIVERSITY OF NEW ORLEANS FOUNDATION, US
[85] 2000-08-11
[86] 1999-02-17 (PCT/US99/03470)
[87] 1999-08-19 (WO99/41305)
[30] US (60/074,900) 1998-02-17
[30] US (09/236,482) 1999-01-25

[21] **2,320,368**
[13] A1

[51] **Int.Cl. 6A61K 31/16 6A61K 33/04 6A61K 33/06 6A61K 33/18 6A61K 33/26 6A61K 33/30 6A23L 1/30 6A23L 1/30A 6A61K 33/32 6A61K 33/34**
[25] EN
[54] **COMPOSITION COMPRISING THEANINE**
[54] **COMPOSITION RENFERMANT DE LA THEANINE**
[72] TANAKA, YUKIKO, JP
[72] KOBAYASHI, KANARI, JP
[72] OKUBO, TSUTOMU, JP
[72] NAGATO, YUKIKO, JP
[72] JUNEJA, LEKH RAJ, JP
[72] AOI, NOBUYUKI, JP
[72] UEDA, TOMOKO, JP
[72] SHU, SEIJI, JP
[71] TAIYO KAGAKU CO., LTD., JP
[85] 2000-08-11
[86] 1999-02-23 (PCT/JP99/00784)
[87] 1999-08-26 (WO99/42096)
[30] JP (10/57470) 1998-02-23
[30] JP (10/142119) 1998-05-08
[30] JP (10/234968) 1998-08-06
[30] JP (10/330207) 1998-11-05

[21] **2,320,370**
[13] A1

[51] **Int.Cl. 6B29D 24/00 6B32B 3/12 6B26F 3/12 6B26D 1/553 6B29C 65/74**
[25] EN
[54] **METHOD FOR FORMING STRUCTURE SUITABLE FOR USE AS A CORE MEMBER**
[54] **PROCEDE PERMETTANT DE FORMER UNE STRUCTURE DESTINEE A SERVIR D'ELEMENT NOYAU**
[72] COURT, CALVIN LEROY, US
[72] CASTORINA, TAWNE L., US
[72] COURT, MELVIN T., US
[72] COURT, CALVIN LANCE, US
[71] NEWCOURT, INC., US
[85] 2000-08-11
[86] 1999-02-11 (PCT/US99/03041)
[87] 1999-08-19 (WO99/41062)
[30] US (09/024,173) 1998-02-17

[21] **2,320,371**
[13] A1

[51] **Int.Cl. 6A01N 37/18**
[25] EN
[54] **INOTROPIC AND DIURETIC EFFECTS OF EXENDIN AND GLP-1**
[54] **EFFETS INOTROPIQUES ET DIURETIQUES DE L'EXTENDINE ET DU GPL-1**
[72] PRICKETT, KATHRYN, US
[72] BEELEY, NIGEL R. A., US
[72] VINE, WILL, US
[72] YOUNG, ANDREW A., US
[71] AMYLIN PHARMACEUTICALS, INC., US
[85] 2000-08-11
[86] 1999-02-05 (PCT/US99/02554)
[87] 1999-08-19 (WO99/40788)
[30] US (60/075,122) 1998-02-13

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[21] **2,320,372**
[13] A1

[51] **Int.Cl. 6A01D 34/00 6B29C 53/14**
[25] EN
[54] **SELF-CONTAINED FLEXIBLE AERODYNAMIC CUTTING ELEMENT WITH MATCHING HEAD**
[54] **ELEMENT DE COUPE AUTONOME SOUPLE ET AERODYNAMIQUE MUNI D'UNE TETE ADAPTATIVE**
[72] MORABITO, CHRISTOPHER J., US
[72] MORABIT, VINCENT D., US
[72] MORABITO, MICHAEL Z., US
[71] MORABITO, CHRISTOPHER J., US
[71] MORABIT, VINCENT D., US
[71] MORABITO, MICHAEL Z., US
[85] 2000-08-11
[86] 1999-02-17 (PCT/US99/03392)
[87] 1999-08-19 (WO99/40773)
[30] US (60/074,899) 1998-02-17
[30] US (60/103,549) 1998-10-08
[30] US (09/243,786) 1999-02-03

[21] **2,320,376**
[13] A1

[51] **Int.Cl. 6A61F 5/441**
[25] EN
[54] **CONTINENT OSTOMY PORT**
[54] **VOIE D'ENTREE DE STOMIE CONTINENTE**
[72] VON DYCK, PETER M., US
[71] ZASSI MEDICAL EVOLUTIONS, INC., US
[85] 2000-08-11
[86] 1999-01-28 (PCT/US99/01946)
[87] 1999-09-02 (WO99/43277)
[30] US (09/030,685) 1998-02-25

[21] **2,320,377**
[13] A1

[51] **Int.Cl. 6A61M 25/00**
[25] EN
[54] **HIGH FLOW RATE DIALYSIS CATHETERS AND RELATED METHODS**
[54] **CATHETERS DE DIALYSE A DEBIT ELEVE ET PROCEDES DE PLACEMENT ET DE FABRICATION ASSOCIES**
[72] MCCARTHY, MATTHEW N., US
[72] SANSOUCY, MICHAEL R., US
[72] DAVEY, CHRISTOPHER T., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2000-08-11
[86] 1999-02-23 (PCT/US99/03982)
[87] 1999-08-26 (WO99/42156)
[30] US (60/075,724) 1998-02-24

[21] **2,320,378**
[13] A1

[51] **Int.Cl. 6A61K 38/05 6C07D 241/04 6A61K 31/495**
[25] EN
[54] **CYCLIC DIPEPTIDES AND AZETIDINONE COMPOUNDS AND THEIR USE IN TREATING CNS INJURY AND NEURODEGENERATIVE DISORDERS**
[54] **DIPEPTIDES CYCLIQUES ET COMPOSES D'AZETIDINONE ET LEUR UTILISATION AFIN DE TRAITER DES LESIONS DU SYSTEME NERVEUX CENTRAL ET DES MALADIES NEURODEGENERATIVES**
[72] KOZIKOWSKI, ALAN P., US
[72] FADEN, ALAN I., US
[72] ARALDI, GIAN LUCA, US
[71] GEORGETOWN UNIVERSITY, US
[85] 2000-08-11
[86] 1999-02-10 (PCT/US99/03147)
[87] 1999-08-19 (WO99/40931)
[30] US (09/022,184) 1998-02-11
[30] US (60/095,788) 1998-08-07
[30] US (09/246,307) 1999-02-08

[21] **2,320,380**
[13] A1

[51] **Int.Cl. 7B23P 9/02**
[25] EN
[54] **METHOD OF JOINING STEEL PRODUCTS, METHOD OF PROCESSING JUNCTION SURFACES OF STEEL PRODUCTS, AND REINFORCING MEMBER**
[54] **PROCEDES DE JONCTION DE PIECES D'ACIER ET DE TRAITEMENT DES SURFACES DE JONCTION DE PIECES D'ACIER, ET PIECES DE RENFORT**
[72] KOBAYASHI, KIYOKAZU, JP
[71] KOBAYASHI, KIYOKAZU, JP
[85] 2000-08-11
[86] 1999-12-20 (PCT/JP99/07136)
[87] 2000-07-06 (WO00/38878)
[30] JP (10/370260) 1998-12-25
[30] JP (11/254750) 1999-09-08

[21] **2,320,381**
[13] A1

[51] **Int.Cl. 6C07C 259/06 6A61K 31/22 6C07D 211/44**
[25] EN
[54] **CYTOSTATIC AGENTS**
[54] **AGENTS CYTOSTATIQUES**
[72] DRUMMOND, ALAN HASTINGS, GB
[72] AYSCOUGH, ANDREW PAUL, GB
[72] PRATT, LISA MARIE, GB
[71] BRITISH BIOTECH PHARMACEUTICALS LIMITED, GB
[85] 2000-08-11
[86] 1999-02-12 (PCT/GB99/00456)
[87] 1999-08-19 (WO99/41232)
[30] GB (9802968.9) 1998-02-13
[30] GB (9827804.7) 1998-12-16

[21] **2,320,387**
[13] A1

[51] **Int.Cl. 6A61K 47/30 6A61K 9/16**
[25] EN
[54] **MEDICINAL COMPOSITIONS ADHERING TO STOMACH/DUODENUM**
[54] **COMPOSITIONS MEDICINALES ADHERANT A L'ESTOMAC/AU DUODENUM**
[72] NISHINO, TAKESHI, JP
[72] YAMAGUCHI, NORIKAZU, JP
[72] SHIRAI, HIROYUKI, JP
[72] INAGI, TOSHIO, JP
[71] KOWA CO., LTD., JP
[85] 2000-08-11
[86] 1999-03-17 (PCT/JP99/01311)
[87] 1999-09-30 (WO99/48532)
[30] JP (10/72098) 1998-03-20
[30] JP (10/72099) 1998-03-20

[21] **2,320,388**
[13] A1

[51] **Int.Cl. 6C07D 241/44 6C07C 231/00**
[25] EN
[54] **NOVEL DIHYDROXYHEXANOIC ACID DERIVATIVES**
[54] **NOUVEAUX DERIVES D'ACIDE DIHYDROXYHEXANOIQUE**
[72] BROWN, MATTHEW FRANK, US
[72] POSS, CHRISTOPHER STANLEY, US
[72] KATH, JOHN CHARLES, US
[71] PFIZER PRODUCTS INC., US
[85] 2000-08-04
[86] 1999-01-18 (PCT/IB99/00067)
[87] 1999-08-12 (WO99/40061)
[30] US (60/073,801) 1998-02-05

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[21] **2,320,389**
[13] A1
[51] **Int.Cl. 6C12N 15/00 6C12M 1/00 6C12M 1/36 6C12Q 1/68**
[25] EN
[54] **APPARATUS FOR IMMOBILIZED DNA LIBRARY PREPARATION, APPARATUS FOR GENE AMPLIFICATION, METHOD FOR TEMPERATURE CONTROL AND METHOD FOR COMPARING GENES SYSTEMATICALLY**
[54] **APPAREIL POUR PREPARATION DE GENOTHEQUE IMMOBILISEE, APPAREIL POUR AMPLIFICATION DE GENE, PROCEDE DE REGULATION DE TEMPERATURE ET PROCEDE DE COMPARAISON SYSTEMATIQUE DES GENES**
[72] TANGA, MICHIFUMI, JP
[72] TAKAHASHI, KOJIRO, JP
[71] TOYO KOHAN CO., LTD., JP
[85] 2000-08-07
[86] 1999-02-08 (PCT/JP99/00525)
[87] 1999-08-19 (WO99/41362)
[30] JP (10/42971) 1998-02-10

[21] **2,320,391**
[13] A1
[51] **Int.Cl. 6C12N 15/12 6A01K 67/027 6C12N 5/10 6A61K 38/18 6C07K 16/26 6C07K 14/475 6C12N 15/62**
[25] EN
[54] **NOVEL CYSTINE KNOT PROTEIN AND MATERIALS AND METHODS FOR MAKING IT**
[54] **PROTEINE A NOEUD DE CYSTINE, MATERIAUX ET PROCEDES D'ELABORATION**
[72] SHEPPARD, PAUL O., US
[72] LOK, SI, US
[71] ZYMOGENETICS, INC., US
[85] 2000-08-10
[86] 1999-02-12 (PCT/US99/03104)
[87] 1999-08-19 (WO99/41377)
[30] US (09/023,570) 1998-02-13

[21] **2,320,392**
[13] A1
[51] **Int.Cl. 6C07H 21/02 6C07K 5/00 6C07H 21/04 6C12N 15/11 6C12Q 1/68**
[25] EN
[54] **NOVEL MOLECULES OF THE CARD-RELATED PROTEIN FAMILY AND USES THEREOF**
[54] **NOUVELLES MOLECULES DE LA FAMILLE DE PROTEINES LIEES AU CARD ET LEUR UTILISATION**
[72] BERTIN, JOHN, US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2000-08-04
[86] 1999-02-05 (PCT/US99/02544)
[87] 1999-08-12 (WO99/40102)
[30] US (09/019,942) 1998-02-06
[30] US (09/099,041) 1998-06-17
[30] US (09/207,359) 1998-12-08

[21] **2,320,399**
[13] A1
[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6C07K 16/18 6C07K 14/47 6C12N 15/62 6C12Q 1/68**
[25] EN
[54] **A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219C**
[54] **HOMOLOGUE DE PROTEINE 2-19 HUMAINE, Z219C**
[72] DEISHER, THERESA A., US
[72] CONKLIN, DARRELL C., US
[72] BLUMBERG, HAL, US
[71] ZYMOGENETICS, INC., US
[85] 2000-05-18
[86] 1998-11-04 (PCT/US98/23524)
[87] 1999-05-27 (WO99/25828)
[30] US (60/066,157) 1997-11-19

[21] **2,320,401**
[13] A1
[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 15/29**
[25] FR
[54] **ACIDE NUCLEIQUE COMPRENANT LA SEQUENCE D'UN PROMOTEUR INDUCTIBLE PAR UN STRESS ET UNE SEQUENCE D'UN GENE CODANT POUR UNE STILBENE SYNTHASE**
[54] **NUCLEIC ACID COMPRISING THE SEQUENCE OF A PROMOTER INDUCTIBLE BY STRESS AND A GENE SEQUENCE CODING FOR A STILBENE SYNTHASE**
[72] SCHREIER, PETER-HELMUT, DE
[72] BOULAY, MICHEL, FR
[72] HAIN, RUDIGER, DE
[72] COUTOS-THEVENOT, PIERRE, FR
[71] CHAMPAGNE MOET & CHANDON, FR
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2000-08-09
[86] 1999-02-12 (PCT/FR99/00316)
[87] 1999-08-19 (WO99/41392)
[30] FR (98/01742) 1998-02-13

[21] **2,320,402**
[13] A1
[51] **Int.Cl. 6C12N 15/12 6A61K 38/18 6C07K 14/475**
[25] EN
[54] **MODIFIED CILIARY NEUROTROPHIC FACTOR, METHOD OF MAKING AND METHODS OF USE THEREOF**
[54] **FACTEUR NEUROTROPHIQUE CILIAIRE MODIFIE, PROCEDE DE FABRICATION ET PROCEDES D'UTILISATION**
[72] STAHL, NEIL, US
[72] FANDL, JAMES P., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2000-08-09
[86] 1999-02-26 (PCT/US99/04430)
[87] 1999-09-02 (WO99/43813)
[30] US (09/031,693) 1998-02-27

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[21] **2,320,403**
[13] A1

[51] **Int.Cl. 6C07K 19/00 6C07K 14/52 6C07K 14/55 6C07K 14/705 6C07K 14/73**
[25] EN
[54] **ENHANCING THE CIRCULATING HALF-LIFE OF ANTIBODY-BASED FUSION PROTEINS**
[54] **AMELIORATION DE LA DEMI-VIE CIRCULANTE DE PROTEINES HYBRIDES A BASE D'ANTICORPS**
[72] WESOLOWSKI, JOHN, US
[72] LAN, YAN, US
[72] LO, KIN-MING, US
[72] GILLIES, STEPHEN D., US
[71] LEXIGEN PHARMACEUTICALS CORPORATION, US
[85] 2000-08-10
[86] 1999-02-24 (PCT/US99/03966)
[87] 1999-09-02 (WO99/43713)
[30] US (60/075,887) 1998-02-25

[21] **2,320,404**
[13] A1

[51] **Int.Cl. 6A61K 38/08 6C12N 5/00 6C12N 5/06 6C12N 5/08 6C07K 7/14**
[25] EN
[54] **METHOD OF PROMOTING EMBRYONIC STEM CELL PROLIFERATION**
[54] **METHODE POUR FAVORISER LA PROLIFERATION DE CELLULES SOUCHES EMBRYONNAIRES**
[72] RODGERS, KATHLEEN E., US
[72] DIZEREGA, GERE, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2000-08-11
[86] 1999-02-16 (PCT/US99/03243)
[87] 1999-08-26 (WO99/42122)
[30] US (60/075,179) 1998-02-19

[21] **2,320,406**
[13] A1

[51] **Int.Cl. 6C12Q 1/00 6G01N 31/00 6G01N 33/48 6G01N 33/53**
[25] EN
[54] **METHODS OF SCREENING AGENTS FOR ACTIVITY USING TELEOSTS**
[54] **PROCEDES DE CRIBLAGE DESTINES A DETERMINER L'ACTIVITE D'AGENTS AU MOYEN DE POISSONS TELEOSTEENS**
[72] SEMINO, CARLOS, US
[72] SERBEDZIJA, GEORGE N., US
[72] FROST, DEANNA, US
[71] PHYLONIX PHARMACEUTICALS, INC., US
[85] 2000-08-10
[86] 1999-02-22 (PCT/US99/03852)
[87] 1999-08-26 (WO99/42606)
[30] US (60/075,783) 1998-02-23
[30] US (60/100,950) 1998-09-18

[21] **2,320,407**
[13] A1

[51] **Int.Cl. 6C12P 7/64 6C12N 1/14**
[25] EN
[54] **MORTIERELLA**
[54] **MORTIERELLA**
[72] DUCHARS, MATTHEW GUY, GB
[71] AVECIA LIMITED, GB
[85] 2000-08-04
[86] 1999-01-21 (PCT/GB99/00211)
[87] 1999-08-12 (WO99/40215)
[30] GB (9802561.2) 1998-02-07

[21] **2,320,420**
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 15/29**
[25] FR
[54] **PROMOTEUR INDUCTIBLE DANS LES PLANTES, SEQUENCE INCORPORANT CE PROMOTEUR ET PRODUIT OBTENU**
[54] **PROMOTER INDUCTIBLE IN PLANTS, SEQUENCE INCORPORATING SAME AND RESULTING PRODUCT**
[72] BUFFARD, DOMINIQUE, FR
[72] BREDI, COLETTE, FR
[72] ESNAULT, ROBERT, FR
[72] BOULAY, MICHEL, FR
[72] COUTOS-THEVENOT, PIERRE, FR
[71] CHAMPAGNE MOET & CHANDON, FR
[85] 2000-08-10
[86] 1999-02-12 (PCT/FR99/00315)
[87] 1999-08-19 (WO99/41391)
[30] FR (98/01741) 1998-02-13

[21] **2,320,421**
[13] A1

[51] **Int.Cl. 6A61K 31/70 6A61K 45/00 6A61K 31/425**
[25] EN
[54] **PROPHYLACTIC DRUG FOR PREVENTION OF ALCOHOLIC GASTRITIS**
[54] **MEDICAMENTS PREVENTIFS DES GASTRITES ALCOOLIQUES**
[72] IGUSA, KAZUO, JP
[72] YAMAZAKI, TAMOTSU, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2000-08-07
[86] 1999-03-25 (PCT/JP99/01509)
[87] 1999-10-07 (WO99/49872)
[30] JP (88672/1998) 1998-04-01

[21] **2,320,422**
[13] A1

[51] **Int.Cl. 6C12N 15/57 6C12N 5/10 6C12N 1/19 6C12N 1/21 6C12Q 1/37 6C07K 16/40 6C12N 9/64 6G01N 33/68**
[25] EN
[54] **METALLOPROTEASE-DISINTEGRINS SVPH3-13 AND SVPH3-17 DNA AND POLYPEPTIDES**
[54] **METALLOPROTEASE-DESINTEGRINES, ADN SVPH3-13 ET SVPH3-17 ET POLYPEPTIDES**
[72] CERRETTI, DOUGLAS PAT, US
[71] IMMUNEX CORPORATION, US
[85] 2000-08-08
[86] 1999-02-11 (PCT/US99/03016)
[87] 1999-08-19 (WO99/41388)
[30] US (60/074,310) 1998-02-11

[21] **2,320,423**
[13] A1

[51] **Int.Cl. 6C12N 5/00**
[25] EN
[54] **DERIVATION OF CELLS AND TISSUES FROM EMBRYONIC PRE-STEM CELLS FOR TRANSPLANTATION THERAPIES**
[54] **DERIVATION DE CELLULES ET DE TISSUS A PARTIR DU STADE CELLULAIRE PRE-SOUCHE POUR LES THERAPIES DE TRANSPLANTATION**
[72] HODGEN, GARY D., US
[71] MEDICAL COLLEGE OF HAMPTON ROADS, US
[85] 2000-08-10
[86] 1999-02-26 (PCT/US99/04188)
[87] 1999-09-02 (WO99/43785)
[30] US (60/076,273) 1998-02-27

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[21] **2,320,424**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 14/47 6C12Q 1/68**
[25] EN
[54] **HUMAN TRANSPORT-ASSOCIATED MOLECULES**
[54] **MOLECULES HUMAINES ASSOCIEES AU TRANSPORT**
[72] CORLEY, NEIL C., US
[72] YUE, HENRY, US
[72] AU-YOUNG, JANICE, US
[72] LAL, PREETI, US
[72] GUEGLER, KARL J., US
[72] BAUGHN, MARIAH R., US
[72] HILLMAN, JENNIFER L., US
[72] BANDMAN, OLGA, US
[71] INCYTE PHARMACEUTICALS, INC., US
[85] 2000-08-10
[86] 1999-02-05 (PCT/US99/02527)
[87] 1999-08-19 (WO99/41373)
[30] US (09/021,764) 1998-02-11

[21] **2,320,426**
[13] A1

[51] **Int.Cl. 6C08L 101/00 6C08L 27/00 6C08L 69/00 6C08L 77/00 6C08L 53/02 6C08L 67/02 6C08L 71/02 6C08L 25/06**
[25] FR
[54] **COMPOSITIONS A BASE DE RESINES THERMOPLASTIQUES SEMI-CRISTALLINES ET DE COPOLYMERES A BLOCS, LES MATERIAUX OBTENUS ET LEURS PROCEDES D'OBTENTION**
[54] **COMPOSITIONS BASED ON SEMICRYSTALLINE THERMOPLASTIC RESINS AND BLOCK COPOLYMERS, RESULTING MATERIALS AND METHODS FOR OBTAINING SAME**
[72] COURT, FRANCOIS, FR
[72] NAVARRO, CHRISTOPHE, FR
[72] ROYACKKERS, VINCENT, FR
[72] MOURRAN, AHMED, FR
[72] LEIBLER, LUDWIK, FR
[71] ATOFINA, FR
[85] 2000-06-05
[86] 1998-12-07 (PCT/FR98/02635)
[87] 1999-06-17 (WO99/29772)
[30] FR (97/15389) 1997-12-05

[21] **2,320,434**
[13] A1

[51] **Int.Cl. 6B02C 4/28 6B02C 4/30 6B02C 4/32**
[25] EN
[54] **ROLLER GRINDING MILL**
[54] **BROYEUR A CYLINDRES**
[72] KNECHT, JOHANN, DE
[72] PATZELT, NORBERT, DE
[71] KRUPP POLYSIUS AG, DE
[85] 2000-08-09
[86] 1999-02-08 (PCT/EP99/00816)
[87] 1999-08-12 (WO99/39830)
[30] DE (198 05 137.9) 1998-02-09

[21] **2,320,436**
[13] A1

[51] **Int.Cl. 6C08F 10/02**
[25] EN
[54] **POLYETHYLENES OBTAINED BY USE OF DUAL SITE CATALYST**
[54] **POLYETHYLENES OBTENUS PAR EMPLOI D'UN CATALYSEUR DOUBLE SITE**
[72] FOLLESTAD, ARILD, NO
[72] ALMQUIST, VIDAR, NO
[72] OMMUNDSEN, ESPEN, NO
[72] DRENG, TORE, NO
[71] BOREALIS A/S, DK
[85] 2000-08-09
[86] 1999-02-09 (PCT/NO99/00044)
[87] 1999-08-12 (WO99/40131)
[30] NO (19980552) 1998-02-09

[21] **2,320,438**
[13] A1

[51] **Int.Cl. 6C01F 7/00**
[25] EN
[54] **PROCESS FOR PRODUCING ANIONIC CLAY USING TWO TYPES OF ALUMINA COMPOUNDS**
[54] **PROCEDE DE PRODUCTION D'ARGILE ANIONIQUE UTILISANT DEUX TYPES DE COMPOSES D'ALUMINE**
[72] KOOLI, FATHI, JP
[72] JONES, WILIAM, GB
[72] BRADY, MIKE, US
[72] STAMIREN, DENNIS, US
[71] AKZO NOBEL N.V., NL
[85] 2000-08-09
[86] 1999-02-11 (PCT/EP99/00938)
[87] 1999-08-19 (WO99/41198)
[30] US (09/021,839) 1998-02-11
[30] US (09/246,691) 1999-02-09

[21] **2,320,439**
[13] A1

[51] **Int.Cl. 6C04B 35/83 6F16D 69/02 6C04B 35/80 6C04B 41/87**
[25] EN
[54] **DENSIFYING A PREFORM USING A LIQUID PRECURSOR**
[54] **DENSIFICATION D'UNE PREFORME A L'AIDE D'UN PRECURSEUR LIQUIDE**
[72] CONNORS, DONALD F., JR., US
[71] TEXTRON SYSTEMS CORPORATION, US
[85] 2000-08-09
[86] 1999-01-14 (PCT/US99/00183)
[87] 1999-08-12 (WO99/40042)
[30] US (09/020,523) 1998-02-09

[21] **2,320,440**
[13] A1

[51] **Int.Cl. 6H02K 7/02 6H02K 16/00 6H02K 51/00 6H02K 16/02 6H02K 7/09**
[25] EN
[54] **FLYWHEEL BATTERY SYSTEM WITH ACTIVE COUNTER-ROTATING CONTAINMENT**
[54] **SYSTEME DE BATTERIE PAR VOLANT A ENVELOPPE CONTRAROTATIVE**
[72] BLAKE, H. WAYLAND, US
[72] ZORZI, EDWARD S., US
[71] AMERICAN FLYWHEEL SYSTEMS, INC., US
[85] 2000-08-09
[86] 1999-02-09 (PCT/US99/02481)
[87] 1999-08-12 (WO99/40668)
[30] US (60/074,009) 1998-02-09

[21] **2,320,441**
[13] A1

[51] **Int.Cl. 6C01F 7/00**
[25] EN
[54] **PROCESS FOR PRODUCING AN ANIONIC CLAY-CONTAINING COMPOSITION**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION RENFERMANT UNE ARGILE ANIONIQUE**
[72] STAMIREN, DENNIS, US
[72] JONES, WILIAM, GB
[72] KOOLI, FATHI, JP
[72] BRADY, MIKE, US
[71] AKZO NOBEL N.V., NL
[85] 2000-08-09
[86] 1999-02-11 (PCT/EP99/00937)
[87] 1999-08-19 (WO99/41197)
[30] US (09/021,839) 1998-02-11
[30] US (09/246,690) 1999-02-09

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,320,442 [13] A1</p> <p>[51] Int.Cl. 7C22C 38/40 [25] EN [54] HEAT-RESISTING ALLOY WITH MAGNESIUM AND CALCIUM [54] ALLIAGE REFRACTAIRE CONTENANT DU MAGNESIUM ET DU CALCIUM [72] HARTMANN, VERNON WILLIAM, US [72] SUAREZ, FRANCIS S., US [71] INCO ALLOYS INTERNATIONAL, INC., US [85] 2000-08-09 [86] 1999-12-10 (PCT/US99/29299) [87] 2000-06-15 (WO00/34543) [30] US (60/111,831) 1998-12-11</p>	<p style="text-align: right;">[21] 2,320,445 [13] A1</p> <p>[51] Int.Cl. 6G01N 30/02 6B01D 15/08 6G01N 30/16 6G01N 30/60 6G01N 30/62 6G01N 30/88 [25] EN [54] A VALVELESS GAS CHROMATOGRAPHIC SYSTEM WITH PULSED INJECTION AND TEMPERATURE PROGRAMMED ELUTION [54] SYSTEME DE CHROMATOGRAPHIE A GAZ SANS CLAPET A INJECTION PULSEE ET A ELUTION A TEMPERATURE PROGRAMMEE [72] HALEY, LAWRENCE V., CA [72] THEKKADATH, GOVINDANUNNY, CA [71] HALEY, LAWRENCE V., CA [71] THEKKADATH, GOVINDANUNNY, CA [85] 2000-08-09 [86] 1999-02-10 (PCT/US99/02777) [87] 1999-08-12 (WO99/40422) [30] US (60/074,195) 1998-02-10</p>	<p style="text-align: right;">[21] 2,320,448 [13] A1</p> <p>[51] Int.Cl. 6C07D 473/16 6A61K 31/52 [25] EN [54] 6,9-DISUBSTITUTED 2--TRANS-(4-AMINOCYCLOHEXYL) AMINO PURINES [54] 2--TRANS-(4-AMINOCYCLOHEXYL) AMINO PURINES 6,9-DISUBSTITUEES [72] SHUM, PATRICK W.K., US [72] BITONTI, ALAN J., US [72] DUMONT, JENNIFER A., US [72] PEET, NORTON P., US [72] BORCHERDING, DAVID R., US [72] MUNSON, H. RANDALL, US [71] AVENTIS PHARMACEUTICALS INC., US [85] 2000-08-09 [86] 1999-02-18 (PCT/US99/03451) [87] 1999-09-02 (WO99/43676) [30] US (09/032,381) 1998-02-26</p>
<p style="text-align: right;">[21] 2,320,444 [13] A1</p> <p>[51] Int.Cl. 6G01N 27/24 6G01B 7/00 [25] EN [54] CAN COATING TESTER [54] APPAREIL DE CONTROLE DU REVETEMENT D'UNE BOITE METALLIQUE [72] PHILLIPS, ROGER, GB [71] CROWN CORK & SEAL TECHNOLOGIES CORPORATION, US [85] 2000-08-09 [86] 1999-02-03 (PCT/GB99/00366) [87] 1999-09-02 (WO99/44047) [30] GB (GB 9803678.3) 1998-02-24</p>	<p style="text-align: right;">[21] 2,320,447 [13] A1</p> <p>[51] Int.Cl. 6G06T 17/50 [25] EN [54] INTERACTIVELY CONSTRUCTING, EDITING, RENDERING AND MANIPULATING GEOSCIENCE MODELS [54] CREATION, EDITION, RENDU ET TRAITEMENT EN INTERACTIF DE MODELES DE GEOSCIENCES [72] RAMSHORN, CHRISTOPH C., GB [72] LU, HONG-QIAN, US [71] SCHLUMBERGER CANADA LIMITED, CA [85] 2000-08-09 [86] 1999-01-11 (PCT/US99/00630) [87] 1999-08-12 (WO99/40543) [30] US (09/021,220) 1998-02-10</p>	<p style="text-align: right;">[21] 2,320,450 [13] A1</p> <p>[51] Int.Cl. 6B01F 3/08 [25] EN [54] METHOD AND APPARATUS OF PRODUCING LIQUID DISPERSE SYSTEMS [54] PROCEDE ET APPAREIL POUR L'OBTENTION DE SYSTEMES DE DISPERSION LIQUIDE [72] KOZYUK, OLEG VYACHESLAVOVICH, US [71] KOZYUK, OLEG VYACHESLAVOVICH, US [85] 2000-08-07 [86] 1999-02-05 (PCT/US99/02516) [87] 1999-08-12 (WO99/39813) [30] US (09/019,823) 1998-02-06</p>
		<p style="text-align: right;">[21] 2,320,452 [13] A1</p> <p>[51] Int.Cl. 7B41J 2/345 [25] EN [54] DRIVER IC CHIP AND PRINT HEAD [54] PUCE A CIRCUIT INTEGRE DE COMMANDE ET TETE D'IMPRESSION [72] NISHI, KOJI, JP [72] NAGAHATA, TAKAYA, JP [72] YOSHIKAWA, YASUHIRO, JP [71] ROHM CO., LTD., JP [85] 2000-08-07 [86] 1999-12-21 (PCT/JP99/07167) [87] 2000-06-29 (WO00/37255) [30] JP (10-364396) 1998-12-22</p>

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[21] **2,320,454**
[13] A1
[51] **Int.Cl. 7B65D 81/26**
[25] EN
[54] **CONTAINER FOR STORING SULFUR-CONTAINING COMPOUNDS**
[54] **CONTENANT POUR LE STOCKAGE DE COMPOSES A BASE DE SOUFRE**
[72] ABBEY, KIRK J., US
[72] PRESSLEY, MARK W., US
[71] LORD CORPORATION, US
[85] 2000-08-07
[86] 1999-10-28 (PCT/US99/25374)
[87] 2000-05-11 (WO00/26094)
[30] US (09/184,476) 1998-11-02

[21] **2,320,456**
[13] A1
[51] **Int.Cl. 6C21C 5/56 6F27D 13/00 6F27B 3/18 6C21C 5/52**
[25] EN
[54] **DEVICE FOR PREHEATING CHARGING STOCK, COMPRISING REPLACEABLE STACK WALL SECTIONS**
[54] **DISPOSITIF POUR PRECHAUFFER UNE CHARGE D'ALIMENTATION, COMPORTANT DES SECTIONS DE PAROIS DE PUITTS REMPLACABLES**
[72] FUCHS, GERHARD, DE
[71] ARCMET TECHNOLOGIE GMBH, AT
[85] 2000-08-07
[86] 1999-02-19 (PCT/EP99/01101)
[87] 1999-08-26 (WO99/42625)
[30] DE (198 07 590.1) 1998-02-23

[21] **2,320,462**
[13] A1
[51] **Int.Cl. 6C12M 1/00 6C12N 15/00 6C12Q 1/68**
[25] EN
[54] **SUBSTRATES FOR IMMOBILIZING AND AMPLIFYING DNA, DNA-IMMOBILIZED CHIPS HAVING DNA IMMOBILIZED ON THE SUBSTRATES, AND METHOD FOR AMPLIFYING DNA**
[54] **SUBSTRATS D'IMMOBILISATION ET D'AMPLIFICATION DE L'ADN, CRISTAUX DE BLOCAGE D'ADN AVEC DE L'ADN BLOQUE SUR LES SUBSTRATS, ET PROCEDE D'AMPLIFICATION DE L'ADN**
[72] TAKAHASHI, KOJIRO, JP
[72] TANGA, MICHIFUMI, JP
[71] TOYO KOHAN CO., LTD., JP
[85] 2000-08-07
[86] 1999-02-08 (PCT/JP99/00524)
[87] 1999-08-12 (WO99/40173)
[30] JP (10/41035) 1998-02-09

[21] **2,320,464**
[13] A1
[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **A METHOD FOR A SECURE DETACH PROCEDURE IN A RADIO TELECOMMUNICATION NETWORK**
[54] **PROCEDE RELATIF A UNE PROCEDURE DE DETACHEMENT SANS RISQUE DANS UN RESEAU DE RADIOTELECOMMUNICATIONS**
[72] RAJANIEMI, JAAKKO, FI
[71] NOKIA NETWORKS OY, FI
[85] 2000-08-07
[86] 1998-12-10 (PCT/EP98/08064)
[87] 2000-06-15 (WO00/35227)

[21] **2,320,465**
[13] A1
[51] **Int.Cl. 6G10L 5/00 6G10L 9/14**
[25] EN
[54] **A DECODING METHOD, SPEECH CODING PROCESSING UNIT AND A NETWORK ELEMENT**
[54] **PROCEDE DE DECODAGE, UNITE DE TRAITEMENT DU CODAGE DE LA PAROLE ET ELEMENT DE RESEAU**
[72] KAPANEN, PEKKA, FI
[72] VAINIO, JANNE, FI
[71] NOKIA NETWORKS OY, FI
[85] 2000-08-07
[86] 1999-02-09 (PCT/FI99/00097)
[87] 1999-08-12 (WO99/40569)
[30] FI (980298) 1998-02-09

[21] **2,320,466**
[13] A1
[51] **Int.Cl. 6D01G 9/18 6D01G 25/00 6D01G 37/00**
[25] EN
[54] **DEVICE AND METHOD FOR PRODUCING A FIBER COMPOSITE**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION D'UN COMPOSITE EN FIBRES**
[72] HESCH, ROLF, DE
[71] HESCH, ROLF, DE
[85] 2000-08-07
[86] 1999-02-12 (PCT/DE99/00432)
[87] 1999-08-19 (WO99/41439)
[30] DE (198 05 996.5) 1998-02-16

[21] **2,320,467**
[13] A1
[51] **Int.Cl. 6C07C 311/14 6C07D 275/06 6A61K 31/235 6C07C 303/38 6A61K 31/425**
[25] EN
[54] **CYCLOALKENE DERIVATIVES, PROCESS FOR PRODUCING THE SAME, AND USE**
[54] **DERIVES DE CYCLOALCENE, LEUR PROCEDE DE FABRICATION ET D'UTILISATION**
[72] KITAZAKI, TOMOYUKI, JP
[72] ICHIMORI, YUZO, JP
[72] II, MASAYUKI, JP
[72] ITOH, KATSUMI, JP
[72] YAMADA, JUNJI, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2000-08-09
[86] 1999-03-08 (PCT/JP99/01103)
[87] 1999-09-16 (WO99/46242)
[30] JP (56492/1998) 1998-03-09
[30] JP (284362/1998) 1998-10-06

[21] **2,320,468**
[13] A1
[51] **Int.Cl. 6C08G 64/06**
[25] EN
[54] **INDANE POLYCARBONATES**
[54] **POLYCARBONATES D'INDANE**
[72] GASCOYNE, DAVID G., US
[72] GORDON, JANET L., US
[71] MOLECULAR OPTOELECTRONICS CORPORATION, US
[85] 2000-08-09
[86] 1998-02-13 (PCT/US98/02903)
[87] 1998-08-20 (WO98/36014)
[30] US (08/798,756) 1997-02-13

Demandes PCT entrant en phase nationale

[21] **2,320,469**
[13] A1

[51] **Int.Cl. 6C07C 239/14 6C07D 241/04 6A61K 31/16 6C07D 211/20**
[25] EN
[54] **N-HYDROXY-2-(ALKYL, ARYL, OR HETEROARYL SULFANYL, SULFINYL OR SULFONYL)-3-SUBSTITUTED-ALKYL, ARYL OR HETEROARYLAMIDES AS MATRIX METALLOPROTEINASE INHIBITORS**
[54] **ALKYLE, ARYLE OU HETEROARYLAMIDES N-HYDROXY-2-(ALKYL, ARYL OU HETEROARYL SULFANYL, SULFINYL OU SULFONYL)-3-SUBSTITUES EN TANT QU'INHIBITEURS DE LA METALLOPROTEINASE MATRICIELLE**
[72] LEVIN, JEREMY IAN, US
[72] BAKER, JANNIE LEA, US
[72] VENKATESAN, ARANAPAKAM MUDUMBAI, US
[72] DAVIS, JAMIE MARIE, US
[72] GROSU, GEORGE THEODORE, US
[71] AMERICAN CYANAMID COMPANY, US
[85] 2000-08-09
[86] 1998-08-26 (PCT/US98/17633)
[87] 1999-08-26 (WO99/42436)
[30] US (09/026,372) 1998-02-19

[21] **2,320,474**
[13] A1

[51] **Int.Cl. 6C07D 473/16 6A61K 31/52**
[25] EN
[54] **6,9-DISUBSTITUTED 2--TRANS-(4-AMINOCYCLOHEXYL) AMINO|PURINES**
[54] **2--TRANS-(4-AMINOCYCLOHEXYL) AMINO|PURINES 6,9-DISUBSTITUEES**
[72] MUNSON, H. RANDALL, US
[72] SHUM, PATRICH W.K., US
[72] PEET, NORTON P., US
[72] BORCHERDING, DAVID R., US
[72] BITONTI, ALAN J., US
[72] DUMONT, JENNIFER A., US
[71] AVENTIS PHARMACEUTICALS INC., US
[85] 2000-08-09
[86] 1999-02-18 (PCT/US99/03450)
[87] 1999-09-02 (WO99/43675)
[30] US (09/030,975) 1998-02-26

[21] **2,320,475**
[13] A1

[51] **Int.Cl. 6A61K 31/38 6A61K 47/12 6A61K 47/26**
[25] EN
[54] **LIQUID PHARMACEUTICAL FORMULATION CONTAINING ZOTEPINE**
[54] **FORMULATION PHARMACEUTIQUE LIQUIDE RENFERMANT DE LA ZOTEPINE**
[72] DYER, ANN MARGARET, GB
[72] SMITH, ALAN, GB
[71] KNOLL AKTIENGESELLSCHAFT, DE
[85] 2000-08-04
[86] 1999-01-27 (PCT/EP99/00533)
[87] 1999-08-12 (WO99/39709)
[30] GB (9802617.2) 1998-02-07

[21] **2,320,476**
[13] A1

[51] **Int.Cl. 6A61K 31/16 6A61K 31/00 6A61K 31/165 6A61K 31/195 6A61K 31/40 6A61K 31/44 6A61K 31/445 6A61K 31/47 6A61K 31/495 6A61K 31/535**
[25] EN
[54] **ANTIBACTERIAL AGENTS**
[54] **AGENTS ANTIBACTERIENS**
[72] LAUNCHBURY, STEVEN, GB
[72] CLEMENTS, JOHN MARTIN, GB
[72] BECKETT, RAYMOND PAUL, GB
[72] HUNTER, MICHAEL GEORGE, GB
[72] SPAVOLD, ZOE MARIE, GB
[72] DAVIES, STEPHEN JOHN, GB
[72] PRATT, LISA MARIE, GB
[72] WHITTAKER, MARK, GB
[71] BRITISH BIOTECH PHARMACEUTICALS LIMITED, GB
[85] 2000-08-04
[86] 1999-02-05 (PCT/GB99/00386)
[87] 1999-08-12 (WO99/39704)
[30] GB (9802549.7) 1998-02-07
[30] GB (9806300.1) 1998-03-24
[30] GB (9810463.1) 1998-05-16
[30] GB (9828318.7) 1998-12-22

[21] **2,320,477**
[13] A1

[51] **Int.Cl. 6C07C 209/78 6C07C 263/10 6C07C 265/14 6C07C 211/50**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF METHYLENEDI(PHENYLAMINE) AND METHYLENEDI(PHENYL ISOCYANATE)**
[54] **PROCEDE DE PREPARATION DE METHYLENEDI(PHENYLAMINE) ET DE METHYLENEDI(PHENYLISOCYANATE)**
[72] PENZEL, ULRICH, DE
[72] SCHWARZ, HANS VOLKMAR, BE
[72] JACOBS, JAN, NL
[72] SCHARR, VOLKER, DE
[72] SEYFERT, WILFRIED, BE
[72] SCHWEERS, OLAF, DE
[72] STROFER, ECKHARD, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2000-08-04
[86] 1999-01-26 (PCT/EP99/00472)
[87] 1999-08-12 (WO99/40059)
[30] DE (198 04 915.3) 1998-02-07

[21] **2,320,478**
[13] A1

[51] **Int.Cl. 6F21P 3/00 6F21V 9/10 6F21V 7/12**
[25] EN
[54] **PROJECTOR DEVICE WITH LINEAR REFLECTOR**
[54] **PROJECTEUR A REFLECTEUR LINEAIRE**
[72] BERTINI, FRANCO, IT
[71] STUDIO DUE LIGHT DIVISION S.R.L., IT
[85] 2000-08-04
[86] 1998-11-24 (PCT/EP98/07573)
[87] 1999-08-12 (WO99/40361)
[30] IT (VT98U000001) 1998-02-05
[30] IT (VT98U000003) 1998-10-28

[21] **2,320,479**
[13] A1

[51] **Int.Cl. 6B63H 1/14 6B63H 3/04 6B63H 5/16 6B63H 1/28**
[25] EN
[54] **PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION**
[72] DUNCAN, IAN JAMES, GB
[72] DUNCAN, HUGO ANTHONY, GB
[71] FUTURETECH TECHNOLOGIES LIMITED, GB
[85] 2000-08-04
[86] 1999-02-05 (PCT/GB99/00388)
[87] 1999-08-12 (WO99/39973)
[30] GB (9802570.3) 1998-02-07

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,320,480 [13] A1</p> <p>[51] Int.Cl. 7G01S 3/02 [25] EN [54] WIRELESS LOCATION DETERMINATION USING SPATIAL SIGNATURE INFORMATION [54] DETERMINATION DE POSITION DANS UN SYSTEME DE COMMUNICATION SANS FIL, AU MOYEN D'INFORMATIONS RELATIVES A DES SIGNATURES SPATIALES [72] JAYARAMAN, SRIRAM, US [72] BAR, ABRAHAM, US [72] MALKIN, MATHAN, US [72] RAJAPAKSE, RAVI, US [72] MENG, YAN, US [72] RADIONOV, VLADIMIR, US [72] WAX, MATI, US [72] HILSEN RATH, OLIVER, US [71] U.S. WIRELESS CORPORATION, US [85] 2000-08-04 [86] 1999-10-19 (PCT/US99/24493) [87] 2000-06-15 (WO00/34799) [30] US (09/205,557) 1998-12-04 [30] US (09/231,256) 1999-01-15 [30] US (09/275,655) 1999-03-24</p>	<p style="text-align: right;">[21] 2,320,482 [13] A1</p> <p>[51] Int.Cl. 6A61L 2/18 6A61L 2/02 6C02F 1/76 [25] EN [54] ELECTROLYTIC SYNTHESIS OF PERACETIC ACID AND OTHER OXIDANTS [54] SYNTHESE ELECTROLYTIQUE D'ACIDE PERACETIQUE ET D'AUTRES OXYDANTS [72] LIU, CHUNG-CHIUN, US [72] MERK, TOM L., US [72] MALCHESKY, PAUL S., US [71] STERIS CORPORATION, US [85] 2000-08-04 [86] 1999-01-28 (PCT/US99/02120) [87] 1999-08-12 (WO99/39753) [30] US (09/130,814) 1998-08-07 [30] US (60/073,905) 1998-02-06</p>	<p style="text-align: right;">[21] 2,320,485 [13] A1</p> <p>[51] Int.Cl. 7B01J 35/10 7B01J 27/188 7B01J 23/88 [25] EN [54] CATALYST FOR HYDROFINING AND METHOD FOR PREPARATION THEREOF [54] CATALYSEUR D'HYDRODESULFURATION ET SON PROCEDE DE PREPARATION [72] SAITO, TORU, JP [72] KUMAGAI, HIDEAKI, JP [72] KOYAMA, HIROKI, JP [71] JAPAN ENERGY CORPORATION, JP [85] 2000-08-04 [86] 1999-12-02 (PCT/JP99/06760) [87] 2000-06-15 (WO00/33957) [30] JP (10/348402) 1998-12-08</p>
<p style="text-align: right;">[21] 2,320,481 [13] A1</p> <p>[51] Int.Cl. 6A61L 27/00 6A61F 2/28 [25] EN [54] OSTEOIMPLANT AND METHOD FOR ITS MANUFACTURE [54] IMPLANT OSSEUX ET PROCEDE DE FABRICATION ASSOCIE [72] MANRIQUE, ALBERT, US [72] BOYCE, TODD M., US [71] OSTEOTECH, INC., US [85] 2000-08-04 [86] 1999-02-05 (PCT/US99/02560) [87] 1999-08-12 (WO99/39757) [30] US (09/020,205) 1998-02-06</p>	<p style="text-align: right;">[21] 2,320,483 [13] A1</p> <p>[51] Int.Cl. 6A61K 38/18 6C07K 14/475 [25] EN [54] METHODS OF INDUCING HAIR GROWTH AND COLORATION [54] PROCEDES DESTINES A INDIURE LA CROISSANCE ET LA COLORATION CAPILLAIRES [72] GILCHREST, BARBARA, US [72] YAAR, MINA, US [72] ELLER, MARK, US [71] TRUSTEES OF BOSTON UNIVERSITY, US [85] 2000-08-04 [86] 1999-02-03 (PCT/US99/02362) [87] 1999-08-12 (WO99/39728) [30] US (09/018,194) 1998-02-04</p>	<p style="text-align: right;">[21] 2,320,486 [13] A1</p> <p>[51] Int.Cl. 6A23L 3/24 6A23C 3/037 [25] EN [54] AN APPARATUS IN AN INFUSOR FOR A LIQUID FOOD PRODUCT [54] APPAREIL PLACE DANS UN INFUSEUR DE PRODUIT ALIMENTAIRE LIQUIDE [72] PALM, BENGT, SE [71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH [85] 2000-08-04 [86] 1999-02-05 (PCT/SE99/00160) [87] 1999-08-12 (WO99/39592) [30] SE (9800351-0) 1998-02-06</p>
<p style="text-align: right;">[21] 2,320,484 [13] A1</p> <p>[51] Int.Cl. 6G01D 3/02 [25] EN [54] ELECTRONIC CIRCUIT FOR AUTOMATIC COMPENSATION OF A SENSOR OUTPUT SIGNAL [54] CIRCUIT ELECTRONIQUE POUR LA COMPENSATION AUTOMATIQUE D'UN SIGNAL DE SORTIE DE CAPTEUR [72] WOLF, RONALD J., US [72] AUSTIN, MARK W., US [71] DURAKOOL INCORPORATED, US [85] 2000-08-04 [86] 1998-07-31 (PCT/US98/16076) [87] 1999-08-19 (WO99/41569) [30] US (09/023,136) 1998-02-12</p>	<p style="text-align: right;">[21] 2,320,487 [13] A1</p> <p>[51] Int.Cl. 6A23L 3/24 6A23C 3/037 [25] EN [54] AN APPARATUS IN AN INFUSOR FOR A LIQUID FOOD PRODUCT [54] APPAREIL PLACE DANS UN INFUSEUR DE PRODUIT ALIMENTAIRE LIQUIDE [72] PALM, BENGT, SE [71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH [85] 2000-08-04 [86] 1999-02-05 (PCT/SE99/00161) [87] 1999-08-12 (WO99/39593) [30] SE (9800352-8) 1998-02-06</p>	

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[21] **2,320,627**

[13] A1

[51] **Int.Cl. 6A61K 31/495 6C07D 295/10**

[25] EN

[54] **REMEDIES FOR CARDIAC
DILASTOLIC DISORDERS**

[54] **MEDICAMENTS CONTRE LES
TROUBLES DIASTOLIQUES
CARDIAQUES**

[72] KAWASUMI, HISASHI, JP

[72] ABE, YUJI, JP

[72] SATOH, NAOYA, JP

[72] KITADA, YOSHIMI, JP

[71] MITSUBISHI CHEMICAL

CORPORATION, JP

[85] 2000-08-09

[86] 1999-02-10 (PCT/JP99/00562)

[87] 1999-08-19 (WO99/40919)

[30] JP (10/29678) 1998-02-12

[21] **2,320,628**

[13] A1

[51] **Int.Cl. 6A61K 33/00 6A61K 33/24**

[25] EN

[54] **CHELATED 8-
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TREATMENT OF EPITHELIAL
LESIONS**

[54] **8-HYDROXYQUINOLEINE**

CHELATEE DESTINEE AU

TRAITEMENT DES LESIONS

EPITHELIALES

[72] POTESTIO, FRANK S., US

[72] JORDAN, RUSSEL T., US

[72] HANSON, CARL C., US

[71] DERMEX PHARMACEUTICALS,

LLC, US

[85] 2000-08-04

[86] 1999-02-10 (PCT/US99/02817)

[87] 1999-08-12 (WO99/39721)

[30] US (09/021,421) 1998-02-10

[21] **2,321,065**

[13] A1

[51] **Int.Cl. 6H03B 1/00 6H03K 3/011**

6H03B 5/04 6H03K 5/08 6H03K 5/12

[25] EN

[54] **CRYSTAL OSCILLATOR WITH
CONTROLLED DUTY CYCLE**

[54] **OSCILLATEUR A CRISTAL A
CONTROLE DU CYCLE DE TRAVAIL**

[72] SEYMOUR, MICHAEL J., US

[72] STANCHAK, CARL M., US

[71] ATMEL CORPORATION, US

[85] 2000-08-15

[86] 1999-04-12 (PCT/US99/07966)

[87] 1999-11-04 (WO99/56385)

[30] US (09/069,696) 1998-04-29

[21] **2,322,356**

[13] A1

[51] **Int.Cl. 6G07F 7/08**

[25] EN

[54] **CREDIT CARD SYSTEM AND
METHOD**

[54] **SYSTEME ET PROCEDE DE
CARTE DE CREDIT**

[72] O'DONNELL, GRAHAM, IE

[72] FLITCROFT, DANIEL IAN, IE

[71] ORBIS PATENTS LIMITED, IE

[85] 2000-09-12

[86] 1999-03-25 (PCT/IE99/00016)

[87] 1999-09-30 (WO99/49424)

[30] IE (S980223) 1998-03-25

[30] IE (S980346) 1998-05-07

[30] IE (S980458) 1998-06-15

[30] US (60/092,500) 1998-07-13

[30] US (60/098,175) 1998-08-26

[30] US (60/099,614) 1998-09-09

[30] US (09/235,836) 1999-01-22

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[21] **2,317,818**
[13] A1
[51] Int.Cl. 7H02K 7/14 7B60B 19/00
[25] FR
[54] MOTEUR-ROUE ELECTRIQUE
[54] ELECTRIC WHEEL-MOTOR
[72] COUTURE, PIERRE, CA
[71] HYDRO-QUEBEC, CA
[22] 1993-07-06
[43] 1994-01-20
[62] 2,139,118
[30] US (913,021) 1992-07-14

[21] **2,319,238**
[13] A1
[51] Int.Cl. 7G01V 15/00 7G06K 19/06
[25] EN
[54] MAGNETIC CODING OF ARTICLES
[54] CODAGE MAGNETIQUE D'ARTICLES
[72] DAMES, ANDREW NICHOLAS, GB
[71] FLYING NULL LIMITED, GB
[22] 1996-04-03
[43] 1996-10-10
[62] 2,217,762
[30] GB (9506909.2) 1995-04-04

[21] **2,320,579**
[13] A1
[51] Int.Cl. 7G06T 17/00 7G06F 17/00
7A61K 48/00 7C12N 15/12 7G01N 33/53
7C07K 14/705
[25] EN
[54] PERIPHERAL NERVOUS SYSTEM SPECIFIC SODIUM CHANNELS, DNA ENCODING THEREFOR, CRYSTALLIZATION, X-RAY DIFFRACTION, COMPUTER MOLECULAR MODELING, RATIONAL DRUG DESIGN, DRUG SCREENING, AND METHODS OF MAKING AND USING THEREOF
[54] CANAUX SODIUM SPECIFIQUES DU SYSTEME NERVEUX PERIPHERIQUE, ADN LES CODANT, CRISTALLISATION, DIFFRACTION PAR LES RAYONS X, MODELISATION MOLECULAIRE INFORMATIQUE, COMPOSITION MEDICAMENTEUSE RATIONNELLE, CRIBLAGE MEDICAMENTEUX ET PROCEDE DE FABRICATION ET D'UTILISATION DE CES CANAUX
[72] BORDEN, LAURENCE A., US
[72] HALEGOUA, SIMON, US
[72] MANDEL, GAIL, US
[71] TROPHIX PHARMACEUTICALS, INC., US
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US
[22] 1995-11-02
[43] 1996-05-17
[62] 2,204,355
[30] US (08/334,029) 1994-11-02
[30] US (08/482,401) 1995-06-07

[21] **2,320,671**
[13] A1
[51] Int.Cl. 7H04B 10/10 7G01S 17/74
[25] EN
[54] OPTICAL DATA COMMUNICATION AND LOCATION APPARATUS, SYSTEM AND METHOD AND TRANSMITTERS AND RECEIVERS FOR USE THEREWITH
[54] OPTICAL DATA COMMUNICATION AND LOCATION APPARATUS, SYSTEM AND METHOD AND TRANSMITTERS AND RECEIVERS FOR USE THEREWITH
[72] SHIPLEY, ROBERT T., US
[71] FISHER BERKELEY CORPORATION, US
[22] 1995-09-13
[43] 1996-03-28
[62] 2,200,341
[30] US (08/309,848) 1994-09-21

[21] **2,321,215**
[13] A1
[51] Int.Cl. 7C12N 7/01 7A61K 48/00
7C12N 15/86 7C12N 15/861
[25] EN
[54] HYBRID ADENOVIRUS-AAV VIRUS AND METHOD OF USE THEREOF
[54] VIRUS HYBRIDE ADENOVIRUS-AAV ET SES PROCEDES D'UTILISATION
[72] WILSON, JAMES M., US
[72] KELLEY, WILLIAM M., US
[72] FISHER, KRISHNA J., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[22] 1995-10-27
[43] 1996-05-09
[62] 2,203,808
[30] US (08/331,384) 1994-10-28

Canadian Divisional and Previously Unavailable Laid-Open applications

[21] **2,322,548**

[13] A1

[51] **Int.Cl. 7B26B 21/22**

[25] EN

[54] **RAZOR BLADE ASSEMBLY**

[54] **ENSEMBLE LAMES DE RASOIR**

[72] APPRILLE, DOMENIC VINCENT JR.,
US

[71] THE GILLETTE COMPANY, US

[22] 1997-03-04

[43] 1997-10-16

[62] 2,250,003

[30] US (630,053) 1996-04-10

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BAKER HUGHES (CANADA)		PETROLEUM LTD.	2,272,035	DANGELANTONIO, DAVID A.	2,302,042
LTD.	2,271,620	CANADIAN OIL SANDS		D'ANGELANTONIO, DAVID	
BANNISTER, MICHAEL	2,308,811	INVESTMENTS INC.	2,272,035	A.	2,301,446
BARA, Barry	2,272,035	CANNONE, Vito	2,272,006	DANIELMEIER, KARSTEN	2,307,992
BARA, Barry	2,272,045	CAPMAN, FRANCOIS	2,307,999	DANNINGER, CHRISTIAN	2,304,269
BARNARD, DAVID J.	2,305,302	CARIBBEAN BILLING		DAUGHERTY, DAVID W., JR.	2,307,690
BARTHOLOMEW,		INTERNATIONAL, LTD.	2,272,025	DE JONG, MICHAEL	2,304,082
LAWRENCE D.	2,308,832	CARLYLE, ALLAN M.	2,303,958	DE LA RONDE PUBLISHING	
BASQUE, Roland	2,271,973	CARON, STEPHANE	2,308,817	INC.	2,285,815
BASTERES, LAURENT	2,308,871	CARONNA, COSIMO	2,307,463	DE LA RONDE, MARC-	
BATT-COUTROT, DELPHINE	2,308,870	CASSER, CARL	2,308,527	ANDRÉ	2,272,169
BAU, ELIGIO	2,298,961	CASTALDI, MICHAEL JAMES	2,308,817	DE LA RONDE, MARC-	
BAYER		CASTRO, PETER RAYMOND	2,308,081	ANDRÉ	2,285,815
AKTIENGESELLSCHAFT	2,307,992	CECCHETTO, RENZO	2,307,740	DE LA RONDE, MARC-	
BAYER		CENTRE HOSPITALIER DE		ANDRÉ	2,308,688
AKTIENGESELLSCHAFT	2,308,527	l'UNIVERSITÉ DE		DECKER, SEBASTIEN	2,308,982
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BELT EQUIPMENT, INC.	2,272,159	CERUTTI-MAORI, GUY		GUSTAVO	2,308,892
BENEDICT, LAWRENCE R.	2,301,446	HENRI ABEL	2,308,864	DEERE & COMPANY	2,297,865
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DERRYBERRY, ANDY LYNN	2,307,463	FURUKI, MOTOHIRO	2,307,985	HONDA GIKEN KOGYO	
DESHERCES, SERGE	2,308,892	GADOR S.A.	2,308,532	KABUSHIKI KAISHA	2,308,071
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EBBRECHT, THOMAS	2,307,781	GOLDSCHMIDT AG	2,307,448	ILLINOIS TOOL WORKS INC.	2,306,618
ECI TELECOM LTD.	2,307,908	GOLDSCHMIDT AG	2,307,781	IMAI, YOJI	2,303,549
ECOLE POLYTECHNIQUE	2,272,040	GORDON, LARRY ASHLEY	2,301,788	IMBERT, GUY	2,308,871
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ETHICON, INC.	2,308,099	GUCKIN, MARK E.	2,308,360	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,302,077
EURO UNITED CORPORATION	2,278,954	GUERZE, WERNER	2,308,589	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,303,726
EUROMOTIVE GES.M.B.H.	2,304,269	GUINNESS LIMITED	2,308,811	INTERNATIONAL COMFORT PRODUCTS CORPORATION (USA)	2,307,463
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FAIRLIE, Matthew J.	2,271,517	HALPAAP, REINHARD	2,307,992	ITOZAKI, HIDEO	2,304,839
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KOECHER, Wolfgang	2,272,214	LUCENT TECHNOLOGIES INC.	2,307,894	MORIUCHI, KEN	2,308,346
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NORTEL NETWORKS CORPORATION	2,308,185	RAEHSE, WILFRIED	2,317,030	SCHRADER, GARY E.	2,307,946
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NORTEL NETWORKS CORPORATION	2,308,243	RASMUSSEN GMBH	2,307,491	SELB, MICHAEL	2,308,656
NORTEL NETWORKS CORPORATION	2,308,353	RAUTIAINEN, PENTTI	2,307,991	SEMLER, SCOTT E.	2,304,082
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KAISHA	2,320,421	DERMEX PHARMACEUTICALS,		FANGL, JAMES P.	2,320,402
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