

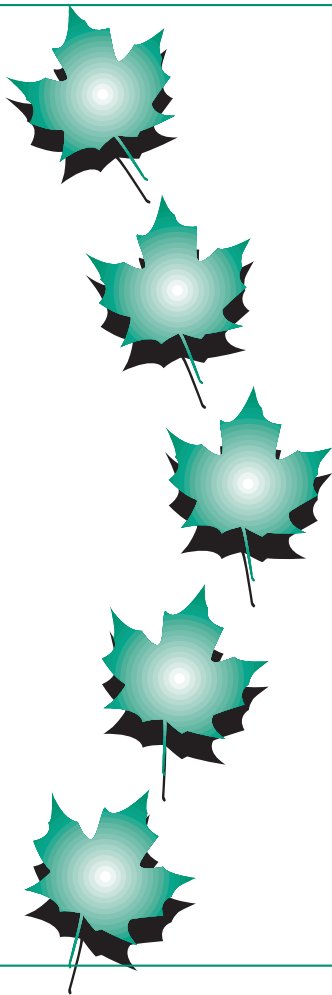


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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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CIPO  OPIC

THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Hull, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

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

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Avis important aux abonnés

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) 953-7620 (fonctionne 24 heures sur 24)

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

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

Avis

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

Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

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

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

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

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

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

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

2. Country Code

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

3. Canadian Class Titles

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

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

4. Class Schedules and Definitions

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

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 (\$) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

2. Code des pays

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

3. Liste des classes canadiennes

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

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

4. Listes et définitions des classes

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

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

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

A) Copies sur papier

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

Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) 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.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for copies of all patents supplied.

Those wishing to use the service should open a deposit account with Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) 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).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

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Micromedia Limited exécutera les commandes permanentes pour tous les brevets délivrés dans toute classe ou sous-classe. Les brevets délivrés après la date de la commande seront fournis. Le tarif annuel de ce service est de 150 \$ par classe.

La somme de huit dollars (8 \$) pour chaque copie reproduite sur papier ou la somme de quatre (4 \$) pour chaque copie reproduite sur microfiche, plus les frais de poste et les taxes sont exigibles pour chaque exemplaire de brevet fourni.

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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 both patents in force and expired patents, 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 this week for sale or licensing.

2,188,106 2,145,923

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. 1,167,200 which issued on May 8, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

12. Laid-Open Applications

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

13. Language of Published Documents

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

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

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

2,188,106 2,145,923

11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 8 mai 1984 sont maintenant expirés, jusque et y compris le no. 1,167,200. 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)

SCHEDULE OF FEES APPLICABLE AS OF APRIL 1, 2001

FEES	AMOUNTS
	\$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee:	562.00
Amount for each additional sheet over 30	13.00

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

4. **International Search Fee** 1,320.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

Preliminary Examination

6. **Handling Fee:** 287.51 Deutsche Marks
(Rule 57.2(a)) 147 Euro Dollars

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

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

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

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

BARÈME DE TAXES À PARTIR DU 01 AVRIL 2001

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

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

4. **Taxe de recherche internationale** 1 320,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

Examen préliminaire

6. **Taxe de traitement:** 287.51 marks allemands
(Règle 57.2(a)) 147 dollars euro

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

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

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

Notices

15. PCT Notices

PCT Signature Requirements

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

Patent Cooperation Treaty (PCT)

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

New Member State

On May 7, 2001, **Ecuador** (country code: **EC**) will become the 110th contracting State of PCT at both the Chapter I and II levels

Erratum

In the issue of May 1, 2001 (Canadian Patent Office Record, Volume 128, No. 17), the notice regarding the schedule of fees for PCT applications was in error. The notice should have indicated the fees which were effective April 1, 2001. While the online version of the Canadian Patent Office Record was corrected, paper versions of that issue's notice should be disregarded. The office apologizes for any inconvenience this may have caused.

15. Avis PCT

Exigences des signatures du PCT

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

Traité de Coopération en matière de brevets (PCT)

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

Nouvel État Membre

Le 7 mai 2001, **Équateur** (code du pays: **EC**) deviendra le 110ième pays membre des États contractants du PCT au niveau des Chapitres I et II.

Erratum

Dans la publication de la Gazette du 01er mai dernier (Gazette du bureau des brevets), il s'est glissé une erreur dans l'avis relatif au barème de taxes du Traité de coopération en matière de brevets (PCT). L'avis aurait dû indiqué que les tarifs étaient effectifs depuis le 1er avril 2001. L'erreur a été corrigé sur les versions électroniques de la Gazette mais les versions papiers étaient déjà publiées, veuillez ne pas tenir compte de cette avis. Le bureau s'excuse pour tout inconvénients que cette erreur aurait pu causée.

Avis

16. Lay-Open Applications

The Patent Office Record of May 8, 2001 contains laid-open applications from April 15, 2001 - April 21, 2001.

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 15 avril 2001 - 21 avril 2001.

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[13] C

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[11] **2,043,692**
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[51] **Int.Cl. 5B01J 29/06 5B01J 39/14**
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[11] **2,045,253**
[13] C

[51] **Int.Cl. 5C07D 513/04 5C07D 498/04 5A01N 43/90**
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[72] Ditrich, Klaus, DE
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[72] Freund, Wolfgang, DE
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[30] DE (P 40 20 072.8) 1990-06-23
[30] DE (P 40 22 566.6) 1990-07-16

[11] **2,046,128**
[13] C

[51] **Int.Cl. 5C07D 475/14**
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[72] Kiefer, Hans, DE
[72] Martin, Christoph, DE
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[13] C

[51] **Int.Cl. 5A23K 1/16 5A23K 1/18**
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[72] Kobayashi, Takaaki, JP
[72] Nagai, Takeshi, JP
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[13] C

[51] **Int.Cl. 5G05B 15/02**
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[54] **DISPOSITIF DE RACCORDEMENT D'APPAREILS ELECTRONIQUES**
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[11] **2,048,732**
[13] C

[51] **Int.Cl. 5D04H 13/00**
[25] EN
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[54] **CHIFFON NON TISSE A GRANDE CAPACITE D'ABSORPTION D'HUILE**
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[13] C
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[25] EN
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[54] **SYSTEME DE REGULATION DE L'ALIMENTATION EN COMBUSTIBLE**
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[73] GENERAL ELECTRIC COMPANY, US
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[13] C
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[54] **AGRAFEUSE CHIRURGICALE ANASTOMOTIQUE INTRALUMINALE AVEC ENCLUME DETACHEE**
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[13] C
[51] **Int.Cl. 5H01L 21/469**
[25] EN
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[72] Ouellet, Luc, CA
[73] MITEL CORPORATION, CA
[22] 1991-08-14

[11] **2,049,556**
[13] C
[51] **Int.Cl. 5C25D 13/02 5H01B 12/00**
[25] EN
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[54] **PROCEDE D'ARGENTAGE PAR ELECTROPHORESE ANHYDRE**
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[72] Elsner, Frederick H., US
[72] Woolf, Lawrence D., US
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[11] **2,052,466**
[13] C
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[25] EN
[54] **METHOD OF HANDOVER AND ROUTE DIVERSITY IN MOBILE RADIO COMMUNICATION**
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[72] Hata, Masaharu, JP
[73] NIPPON TELEGRAPH & TELEPHONE CORPORATION, JP
[73] NTT MOBILE COMMUNICATIONS NETWORK INC., JP
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[11] **2,056,969**
[13] C
[51] **Int.Cl. 5D06F 39/02**
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[54] **DISTRIBUTEUR DE VAPORISATION CENTRIFUGE D'ADOUCCISSEUR**
[72] Pastryk, Jim J., US
[72] Farrington, Sheryl L., US
[73] Whirlpool Corporation, US
[22] 1991-12-04
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[11] **2,051,610**
[13] C
[51] **Int.Cl. 5B65D 47/06**
[25] EN
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[54] **BEC VERSEUR REFERMABLE**
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[72] Maguire, Paul R., US
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[30] US (07/741,547) 1991-08-07

[11] **2,055,548**
[13] C
[51] **Int.Cl. 5H05B 3/12 5E21B 36/04**
[25] EN
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[73] SHELL CANADA LIMITED, CA
[22] 1991-11-14
[30] US (622,025) 1990-12-04
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[11] **2,057,466**
[13] C
[51] **Int.Cl. 5G01R 33/035 5A61B 5/04**
[25] EN
[54] **MULTICHANNEL DEVICE FOR MEASUREMENT OF WEAK SPATIALLY AND TEMPORALLY VARYING MAGNETIC FIELDS**
[54] **DISPOSITIF MULTICANAL POUR MESURER DES CHAMPS MAGNETIQUES FAIBLES A VARIATIONS SPATIALE ET TEMPORELLE**
[72] Ahonen, Antti Ilmari, FI
[72] Knuutila, Jukka Erkki Tapani, FI
[72] Simola, Juha Tapani Antero, FI
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[13] C

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[72] Buckingham, David Edwin James, GB
[73] DOWTY MARITIME LIMITED, GB
[85] 1991-11-14
[86] 1991-03-15 (PCT/GB91/00403)
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[30] GB (9005863.7) 1990-03-15

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[13] C

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[25] EN
[54] **ARYLESTERS OF PHOSPHONOUS ACID, PROCESS FOR PREPARING THEM AND THEIR USE TO STABILIZE PLASTICS, IN PARTICULAR POLYOLEFIN MOULDING MATERIALS**
[54] **ESTERS ARYLIQUES D'ACIDE PHOSPHONIQUE; METHODE DE PREPARATION ET UTILISATION POUR STABILISER DES MATIERES PLASTIQUES, NOTAMMENT DES POLYOLEFINES DE MOULAGE**
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[73] CLARIANT GMBH, DE
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[87] (WO90/14349)
[30] DE (P 39 16 502.7) 1989-05-20
[30] DE (P 39 23 492.4) 1989-07-15
[30] DE (P 40 14 428.3) 1990-05-05

[11] **2,064,722**
[13] C

[51] **Int.Cl. 5A61K 7/16 5A61K 7/18 5A61K 31/19**
[25] EN
[54] **BUCCAL COMPOSITION CONTAINING S(+) FLURBIPROFEN OR KETOPROFEN**
[54] **COMPOSITION BUCCALE CONTENANT S(+) FLURBIPROFENE OU KETOPROFENE**
[72] Wechter, William J., US
[73] SEPRACOR, INC., US
[85] 1992-02-14
[86] 1990-08-16 (PCT/US90/04623)
[87] (WO91/02512)
[30] US (395,331) 1989-08-17

[11] **2,064,988**
[13] C

[51] **Int.Cl. 5E06B 3/24 5E06B 1/12**
[25] EN
[54] **INSULATING SPACER STRIP INCLUDING TWO INSULATIVE CHAMBERS**
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[72] Lafond, Luc, CA
[73] Lafond, Luc, CA
[22] 1992-04-02

[11] **2,065,412**
[13] C

[51] **Int.Cl. 5A61K 31/20**
[25] EN
[54] **METHODS OF PREVENTING AND REDUCING THE SIZE OF STRIAE DISTENSAE LESIONS**
[54] **METHODE PERMETTANT DE PREVENIR LES VERGETURES ET D'EN REDUIRE LA TAILLE**
[72] Kligman, Albert M., US
[73] Kligman, Albert M., US
[85] 1992-02-28
[86] 1990-08-30 (PCT/US90/04939)
[87] (WO91/03240)
[30] US (402,271) 1989-09-01

[11] **2,066,661**
[13] C

[51] **Int.Cl. 5A61K 39/42 5A61K 39/12**
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[54] **CONJUGUES DE VACCIN VIRAL**
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[72] Fredericksen, Tommy L., US
[72] Tyczkowski, Julius K., US
[72] Thaxton, James P., Jr., US
[73] Embrex, Inc., US
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[86] 1990-10-01 (PCT/US90/05581)
[87] (WO91/04750)
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[30] US (480,678) 1990-02-15
[30] US (586,859) 1990-09-21

[11] **2,067,390**
[13] C

[51] **Int.Cl. 5B01J 23/78 5B01J 23/06 5B01J 23/16 5C07C 11/167 5C07C 5/333 5C07C 15/46 5B01J 23/72**
[25] EN
[54] **SUPPORTED CATALYST, METHOD FOR THE PREPARATION THEREOF, AND USE THEREOF FOR THE DEHYDROGENATION OF HYDROCARBONS**
[54] **CATALYSEUR SUR SUPPORT; PROCEDE DE FABRICATION; EMPLOI DANS LA DESHYDROGENATION DES HYDROCARBURES**
[72] Van Buren, Frederik Roelof, NL
[72] Stobbe, Dick Edward, NL
[72] Geus, John Wilhelm, NL
[72] Van Dillen, Adrianus Jacobus, NL
[73] THE DOW CHEMICAL COMPANY, US
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[86] 1990-10-29 (PCT/EP90/01810)
[87] (WO91/06366)
[30] NL (8902689) 1989-10-31
[30] NL (9001659) 1990-07-19

[11] **2,068,916**
[13] C

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[25] EN
[54] **ACTUATING DRIVE COMPRISING TWO FRICTION PARTNERS**
[54] **ENTRAINEMENT COMPORTANT DEUX ELEMENTS FROTTEURS**
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[73] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 1992-05-19
[30] EP (91108179.2) 1991-05-21

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[11] 2,069,956
[13] C

[51] Int.Cl. 5C12P 33/16
[25] EN
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[54] **PROCEDE DE PRODUCTION DE 17-OXOSTEROIDES**
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[72] Kennecke, Mario, DE
[72] Klages, Uwe, DE
[72] Nickisch, Klaus, DE
[72] Rohde, Ralph, DE
[73] SCHERING AKTIENGESELLSCHAFT, US
[85] 1992-04-16
[86] 1991-08-01 (PCT/DE91/00628)
[87] (WO92/03572)
[30] DE (P 40 26 462.9) 1990-08-18

[11] 2,071,117
[13] C

[51] Int.Cl. 5H02K 21/16 5B61D 43/00
[25] EN
[54] **METHOD OF PRODUCING ELECTRICAL ENERGY BY MEANS OF GENERATORS AND USE OF THE METHOD IN VEHICLES WITH ANTI-SKID SYSTEMS**
[54] **METHODE SERVANT A PRODUIRE DE L'ENERGIE ELECTRIQUE AU MOYEN DE GENERATRICES, ET UTILISATION DE LA METHODE DANS DES VEHICULES EQUIPES D'UN SYSTEME ANTIDERAPANT**
[72] Kemner, Axel, DE
[72] Keschwari, Mahmud, DE
[72] Zeller, Peter Kilian, DE
[73] KNORR-BREMSE MRP SYSTEME FUR SCHIENENFAHRZEUGE GMBH & CO. KG, DE
[73] Stuetzel GmbH & Co. KG Gmünder Motoren-Werke, DE
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[30] DE (P 41 19 834.4) 1991-06-12

[11] 2,071,501
[13] C

[51] Int.Cl. 5H04N 7/167
[25] EN
[54] **PICTURE CARRIER CONTROLLED AUTOMATIC GAIN CONTROL CIRCUIT FOR CABLE TELEVISION INTERDICTION OR JAMMING APPARATUS**
[54] **CIRCUIT DE COMMANDE AUTOMATIQUE DE GAIN ASSERVI A LA PORTEUSE IMAGE POUR DISPOSITIF DE BROUILLAGE DE PROGRAMMES DE TELEVISION PAR CABLE**
[72] West, Lamar E., Jr., US
[73] Blonder Tongue Laboratories, Inc., US
[85] 1992-06-04
[86] 1990-12-05 (PCT/US90/07129)
[87] (WO91/08650)
[30] US (446,603) 1989-12-06

[11] 2,073,642
[13] C

[51] Int.Cl. 5B32B 15/00 5C23C 14/06
[25] EN
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[54] **REVETEMENT SUBSTOECHIOMETRIQUE DE NITRURE DE ZIRCONIUM**
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[72] Troue, Harden Henry, US
[73] Praxdair S.T. Technology Inc., US
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[11] 2,073,966
[13] C

[51] Int.Cl. 5H01L 29/788 5H01L 27/02 5H01L 29/10 5H01L 23/66 5H01L 29/68
[25] EN
[54] **MOSFET STRUCTURE HAVING REDUCED GATE CAPACITANCE AND METHOD OF FORMING SAME**
[54] **MOSFET A CAPACITANCE DE GRILLE REDUITE; METHODE DE FABRICATION**
[72] Quigg, Fred L., US
[73] Quigg, Fred L., US
[85] 1992-07-15
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[30] US (473,504) 1990-02-01

[11] 2,075,835
[13] C

[51] Int.Cl. 5G06F 13/36 5H04B 7/26 5G06F 13/38 5H04L 12/46
[25] EN
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[72] Tripp, Jeffrey W., US
[72] Knych, Bernard L., US
[73] MOTOROLA, INC., US
[85] 1992-08-11
[86] 1992-02-20 (PCT/US92/01298)
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[30] US (663,978) 1991-03-04

[11] 2,077,349
[13] C

[51] Int.Cl. 5C11D 1/825 5C08F 2/22 5C08G 65/28 5C08F 2/30
[25] EN
[54] **CASTABLE FLUID TENSIDE CONCENTRATE**
[54] **CONCENTRE TENSIO-ACTIF FLUIDE COULABLE**
[72] Feustel, Dieter, DE
[72] Held, Uwe, DE
[72] Huefer, Rainer, DE
[72] Engels, Thomas, DE
[73] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
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[87] (WO91/13140)
[30] DE (P 40 06 391.7) 1990-03-01

[11] 2,078,313
[13] C

[51] Int.Cl. 5G06F 9/06
[25] EN
[54] **DIGITAL DATA PROCESSOR WITH IMPROVED CHECKPOINTING AND FORKING**
[54] **PROCESSEUR DE DONNEES NUMERIQUES A CREATION DE POINTS DE REPRISE ET DE DEPART AMELIOREE**
[72] Kaufman, Mark A., US
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[73] SUN MICROSYSTEMS, INC., US
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[30] US (763,505) 1991-09-20

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[11] **2,081,601**
[13] C

[51] **Int.Cl. 5G01R 31/36**
[25] EN
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[54] **ACCUMULATEUR INTELLIGENT**
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[30] US (07/918,435) 1992-07-22

[11] **2,087,003**
[13] C

[51] **Int.Cl. 6C07K 14/135 6C07K 7/06 6C07K 7/08 5A61K 39/155**
[25] EN
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[54] **VACCIN ANTI-VRS HUMAIN**
[72] Nicholas, Judith A., US
[73] PHARMACIA & UPJOHN COMPANY, US
[85] 1993-01-08
[86] 1991-07-30 (PCT/US91/05255)
[87] (WO92/04375)
[30] US (575,892) 1990-08-31

[11] **2,089,079**
[13] C

[51] **Int.Cl. 5G01B 11/30**
[25] EN
[54] **MACHINE VISION SURFACE CHARACTERIZATION SYSTEM**
[54] **SYSTEME DE CARACTERISATION DES SURFACES PAR VISION ARTIFICIELLE**
[72] Parker, Jeffrey B., US
[72] Czubko, Brian J., US
[73] Autospect, Inc., US
[85] 1993-02-08
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[87] (WO92/03699)
[30] US (567,271) 1990-08-14

[11] **2,091,291**
[13] C

[51] **Int.Cl. 5B61F 5/04 5B61F 5/06**
[25] EN
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[54] **CHARIOT-DIABLE A BARRE DE TORSION**
[72] Tack, Carl E., Jr., US
[73] Trans-Dyne Incorporated, US
[22] 1993-03-09
[30] US (07/923,239) 1992-07-30

[11] **2,091,489**
[13] C

[51] **Int.Cl. 5C08L 23/26 5E21B 43/22**
[25] EN
[54] **GELATION OF WATER SOLUBLE POLYMERS**
[54] **PROCEDE DE GELIFICATION DE POLYMERES SOLUBLES DANS L'EAU**
[72] Moradi-Araghi, Ahmad, US
[73] PHILLIPS PETROLEUM COMPANY, US
[22] 1993-03-11
[30] US (07/867,635) 1992-04-13

[11] **2,094,294**
[13] C

[51] **Int.Cl. 5G03C 5/17 5C09K 11/77**
[25] EN
[54] **RADIOGRAPHIC SYSTEM WITH IMPROVED IMAGE QUALITY**
[54] **SYSTEME RADIOGRAPHIQUE A QUALITE D'IMAGE AMELIOREE**
[72] Apple, Bernard A., US
[72] McConnell, Bob E., US
[72] Mickewich, Daniel James, US
[72] Russell, Raymond J., US
[72] Beutel, Jacob, US
[73] Sterling Diagnostic Imaging, Inc., US
[85] 1993-04-16
[86] 1992-11-25 (PCT/US92/10003)
[87] (WO93/11457)
[30] US (07/798,787) 1991-11-27

[11] **2,095,852**
[13] C

[51] **Int.Cl. 5C12N 15/52 5C12N 9/00 5C12Q 1/00 5C12N 15/16 6A61K 38/17 5C12N 15/19 5C11D 3/386 6A61K 38/43 6C07K 14/435**
[25] EN
[54] **PROTEINS WITH CHANGED EPITOPES AND METHODS FOR THE PRODUCTION THEREOF**
[54] **PROTEINES A MUTATION D'EPITOPES; PROCEDE DE FABRICATION**
[72] Lovborg, Uffe, DK
[73] NOVO NORDISK A/S, DK
[85] 1993-05-07
[86] 1991-12-05 (PCT/DK91/00382)
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[30] EP (90610072.2) 1990-12-05

[11] **2,096,010**
[13] C

[51] **Int.Cl. 5C12N 15/62 5C12N 9/00 5C07H 21/04 6C07K 16/10 6C07K 14/165 5A61K 39/215 6C07K 1/22 5A61K 39/42 5C12N 15/50 5C12N 15/54 5G01N 33/569 5C12Q 1/70**
[25] EN
[54] **RECOMBINANT FELINE CORONAVIRUS S PROTEINS**
[54] **PROTEINES RECOMBINEES DE CORONAVIRUS S DE CHATS**
[72] Miller, Timothy J., US
[72] Reed, Albert Paul, US
[72] Klepfer, Sharon R., US
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[30] US (08/698,319) 1996-08-15

[11] **2,199,642**
[13] C

[51] **Int.Cl. 6A61K 31/735 6A61K 31/60**
[25] EN
[54] **COMPOSITIONS CONTAINING AN ASSOCIATION OF ASPIRIN AND AN ANTI-XA OLIGOSACCHARIDE AND USE OF AN ANTI-XA OLIGOSACCHARIDE OPTIONALLY IN COMBINATION WITH ASPIRIN**
[54] **COMPOSITIONS ASSOCIANT L'ASPIRINE ET UN OLIGOSACCHARIDE ANTI-XA ET UTILISATION D'UN OLIGOSACCHARIDE ANTI-XA FACULTATIVEMENT ASSOCIE A L'ASPIRINE**
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[72] STIEKEMA, Jacobus Christianus Johannes, NL
[73] AKZO NOBEL N.V., NL
[73] SANOFI-SYNTHELABO, FR
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[51] **Int.Cl. 6H01L 23/50 6H05K 1/18 6H05K 3/32**
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[54] **INTEGRATED CIRCUIT BOX**
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[72] MOREAU, Michel, FR
[72] DEHAINE, Gérard, FR
[72] MARBOT, Roland, FR
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[30] FR (96 04192) 1996-04-03

[11] **2,201,603**
[13] C

[51] **Int.Cl. 6B01D 65/08 6B01D 63/02 6B01D 65/06 6B01D 61/08 6B01D 65/10 6B01D 61/18**
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[54] **SYSTEME DE FILTRATION SUR MEMBRANE EN SERPENTIN**
[72] BELFORT, Georges, US
[73] RENSSELAER POLYTECHNIC INSTITUTE, US
[85] 1997-04-02
[86] 1996-08-02 (PCT/US96/12883)
[87] (WO97/05946)
[30] US (08/512,567) 1995-08-08

[11] **2,202,308**
[13] C

[51] **Int.Cl. 6G02B 5/18 6G02B 6/16**
[25] EN
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[54] **RESEAU DE DIFFRACTION D'UN GUIDE D'ONDE OPTIQUE ET METHODE DE PRODUCTION**
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[72] SAKAI, Tetsuya, JP
[72] WADA, Akira, JP
[72] YAMAUCHI, Ryoza, JP
[72] HIDAKA, Hiroshi, JP
[72] SHIMA, Kensuke, JP
[72] NAKAI, Michihiro, JP
[72] OKUDE, Satoshi, JP
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[30] JP (8-121973) 1996-05-16

[11] **2,204,765**
[13] C

[51] **Int.Cl. 6H04N 5/445**
[25] EN
[54] **ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH DISPLAY AND SEARCH OF PROGRAM WITH ALPHABETICAL TITLE LISTINGS**
[54] **SYSTEME ELECTRONIQUE DE PROGRAMMES D'EMISSIONS DE TELEVISION ET PROCEDE CORRESPONDANT A L'AFFICHAGE ET LA RECHERCHE SUR LE TITRE DANS LA LISTES DES PROGRAMMES**
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[72] MORRIS, Marney, US
[73] UNITED VIDEO PROPERTIES, INC., US
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[51] Int.Cl. 6H04B 7/216 6H04B 7/185
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[73] STANFORD TELECOMMUNICATIONS, INC., US
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[86] 1995-12-15 (PCT/US95/16325)
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[30] US (08/358,078) 1994-12-15

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[13] C

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[25] EN
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[54] DISPOSITIF PRATIQUE D'ASSOCIATION DYNAMIQUE DE DEMODULATEURS INDIVIDUELS A PLUSIEURS SIGNAUX RF RECUS
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[30] US (08/358,157) 1994-12-16

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[13] C

[51] Int.Cl. 6H04B 7/216 6H04J 13/02
[25] EN
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[54] SYSTEME DE POURSUITE A CODE AMDC ORTHOGONAL ET UTILISANT UN SIGNAL A PORTEUSE FANTOME
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[73] STANFORD TELECOMMUNICATIONS, INC., US
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[13] C

[51] Int.Cl. 6H04J 13/00 6H04J 11/00 6H04L 27/18 6H04Q 7/22
[25] EN
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[30] US (08/352,313) 1994-12-08

[11] 2,207,459
[13] C

[51] Int.Cl. 6C07F 5/06 6C08F 10/00 6C08F 2/14 6C08F 4/52
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[54] PROCEDE DE PREPARATION DE COMPOSITION D'ORGANO-ALUMINOXANE
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[72] PALACKAL, Syriac Joseph, US
[72] GEERTS, Rolf Leonard, US
[73] PHILLIPS PETROLEUM COMPANY, US
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[11] 2,207,965
[13] C

[51] Int.Cl. 6H04B 17/00 6H04Q 7/34
[25] EN
[54] RADIO LOOP-BACK TEST METHOD HAVING IMPROVED RELIABILITY AND A SYSTEM USING THE TEST METHOD
[54] METHODE DE VERIFICATION D'UN SIGNAL RADIO EN BOUCLE AYANT UNE FIABILITE ACCRU UTILISANT LA METHODE DE TEST
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[73] NEC CORPORATION, JP
[22] 1997-06-16
[30] JP (155693/1996) 1996-06-17

[11] 2,209,332
[13] C

[51] Int.Cl. 6C01B 17/04
[25] FR
[54] PROCEDE D'ELIMINATION QUASI TOTALE DES COMPOSES SOUFRES H2S, SO2, COS ET/OU CS2 CONTENUS DANS UN GAZ RESIDUAIRE D'USINE A SOUFRE, AVEC RECUPERATION DESDITS COMPOSES SOUS LA FORME DE SOUFRE
[54] METHOD FOR REMOVING VIRTUALLY ALL THE SULPHUR COMPOUNDS H2S, SO2, COS AND/OR CS2 FROM SULPHUR PLANT WASTE GASES, AND RECOVERING SUCH COMPOUNDS AS SULPHUR
[72] NOUGAYREDE, Jean, FR
[72] PHILIPPE, André, FR
[72] SAVIN-PONCET, Sabine, FR
[73] ELF EXPLORATION PRODUCTION, FR
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[87] (WO97/17283)
[30] FR (95/12988) 1995-11-03
[30] FR (96/13051) 1996-10-25

[11] 2,209,950
[13] C

[51] Int.Cl. 6H04L 12/40 6H04L 12/56
[25] EN
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[54] SYSTEME DE COMMUNICATION AVEC DISPOSITIF CENTRAL MULTIPLE POUR ALLEGER LES PANNES D'UN RESEAU DU A DES PROBLEMES
[72] SEKI, Yutaka, JP
[72] KUNIKYOU, Tomoo, JP
[72] OBARA, Keiichi, JP
[72] SAKAJIRI, Hirotaka, JP
[72] TSURUTA, Hidekazu, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[11] **2,210,725**
[13] C

[51] **Int.Cl. 6G06K 11/18**
[25] EN
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[54] **PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UNE ENTREE/SORTIE MECANIQUE A FAIBLE BRUIT ET A GRANDE LARGEUR DE BANDE POUR SYSTEMES INFORMATIQUES**
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[73] IMMERSION HUMAN INTERFACE CORPORATION, US
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[11] **2,212,403**
[13] C

[51] **Int.Cl. 6F23N 5/16 6G01M 13/00 6F23Q 9/14 6F23D 14/72**
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[54] **APPAREIL ET METHODES DE DETECTION DE FLAMME**
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[72] BERG, Lawrence D., US
[72] BUSSMAN, Wesley R., US
[73] JOHN ZINK COMPANY, a division of Koch Engineering Company, Inc., US
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[30] US (08/693,419) 1996-08-07

[11] **2,214,933**
[13] C

[51] **Int.Cl. 6A61K 35/78 6A61K 9/06 6A61K 7/48**
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[11] **2,215,033**
[13] C

[51] **Int.Cl. 6F41J 9/04 6B63G 8/00**
[25] EN
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[54] **VEHICULE SOUS-MARIN NON RECUPERABLE PROGRAMMABLE SUR PLACE PAR L'UTILISATEUR**
[72] CHACE, Raymond A., Jr., US
[73] SIPPICAN, INC., US
[85] 1997-09-10
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[87] (WO96/29563)
[30] US (08/408,559) 1995-03-21

[11] **2,215,034**
[13] C

[51] **Int.Cl. 6B63G 8/00 6B63G 9/02 6F41J 9/04**
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[54] **ENGIN SOUS-MARIN NON RECUPERABLE**
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[72] MANNING, Mark C., US
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[30] US (08/408,060) 1995-03-21
[30] US (08/469,437) 1995-06-06

[11] **2,216,749**
[13] C

[51] **Int.Cl. 6A61K 7/16**
[25] EN
[54] **ORAL CARE COMPOSITIONS COMPRISING LIQUID POLYOXYALKYLENE COMPOUNDS AS SOLUBILIZERS/GELLING AGENTS**
[54] **COMPOSITIONS DE SOINS BUCCAUX COMPORTANT DES COMPOSES LIQUIDES DE POLYOXYALKYLDNE UTILISES COMME AGENTS DE SOLUBILISATION OU COMME GELIFIANTS**
[72] AMARASEKARA, Jay, US
[72] OTTEN, Jay G., US
[72] GOPALKRISHNAN, Sridhar, US
[72] DAILEY, James S., US
[73] BASF CORPORATION, US
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[30] US (08/775,328) 1996-12-31

[11] **2,217,370**
[13] C

[51] **Int.Cl. 6H04L 29/02**
[25] EN
[54] **METHOD FOR TRANSFERRING AND DISPLAYING DATA PAGES ON A DATA NETWORK**
[54] **METHODE DE TRANSFERT ET D'AFFICHAGE DE PAGES DE DONNEES SUR UN RESEAU DE DONNEES**
[72] RABINOVICH, Michael, US
[72] VO, Kiem-Phong, US
[72] JAGADISH, Hosagrahar Visvesvaraya, US
[72] DOUGLIS, Frederick, US
[72] BANGA, Gaurav, US
[73] AT&T CORP., US
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[30] US (729,105) 1996-10-11

[11] **2,217,620**
[13] C

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[72] MACDONALD, R. IAN M., CA
[73] NORTEL NETWORKS LIMITED, CA
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[11] **2,217,663**
[13] C

[51] **Int.Cl. 6B01D 19/00 6G01F 15/08 6G01F 1/74**
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[54] **METHODE ET APPAREIL DE MESURE D'ECOULEMENT POLYPHASIQUE**
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[13] C

[51] Int.Cl. 6B05C 17/00 6B05C 9/02
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[54] APPLICATEUR DE COLLE POUR REVETEMENT DE SOL STRATIFIE
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[72] CHAO, Tein-Chieh, US
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[30] US (08/740,807) 1996-11-01

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[13] C

[51] Int.Cl. 6G10L 9/14
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[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
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[30] JP (049364/97) 1997-03-04

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[13] C

[51] Int.Cl. 6B25B 27/00
[25] EN
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[54] OUTIL, TROUSSE ET METHODE POUR L'ASSEMBLAGE D'UN OUTIL MUNI D'UNE TIGE ALLONGEE ET D'UNE LAME
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[73] MELNOR CANADA LTD., CA
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[13] C

[51] Int.Cl. 6C25D 11/00
[25] EN
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[54] REVETEMENT PROTECTEUR CATHODIQUE SUR DU MAGNESIUM OU SES ALLIAGES ET METHODE DE PRODUCTION
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[73] TECHNOLOGIES INTERMAG INC., CA
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[11] 2,219,040
[13] C

[51] Int.Cl. 6H02J 5/00
[25] EN
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[73] ABB AB, SE
[22] 1997-11-13
[30] SE (9701064-9) 1997-03-24

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[13] C

[51] Int.Cl. 6A61B 17/04
[25] EN
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[85] 1997-10-23
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[87] (WO96/39082)
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[30] US (08/551,648) 1995-11-01

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[13] C

[51] Int.Cl. 6G01S 13/74 6H04B 7/22
[25] EN
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[13] C

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[25] EN
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[54] CONVERTISSEUR DE TENSION A LA SOURCE
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[72] BLIDBERG, Ingemar, SE
[73] ABB AB, SE
[22] 1997-11-14
[30] SE (9701069-8) 1997-03-24

[11] 2,219,680
[13] C

[51] Int.Cl. 6B01D 15/08 6G01N 30/56
[25] EN
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[54] APPAREIL PLIABLE POUR LA COMPRESSION DE MATERIAU DE GARNISSAGE DANS DES COLONNES DE CHROMATOGRAPHIE LIQUIDE ET PROCEDES D'UTILISATION
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[86] 1997-02-28 (PCT/US97/03227)
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[30] US (08/609,967) 1996-02-29

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[13] C

[51] **Int.Cl. 6A22C 13/00**
[25] EN
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FOOD CASING**
[54] **MANDRIN DESTINE A LA
FABRICATION DE BOYAUX
CELLULOSIQUES POUR PRODUITS
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[73] VISKASE CORPORATION, US
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[30] US (08/827,152) 1997-03-27

[11] **2,223,185**
[13] C

[51] **Int.Cl. 6A22C 13/00**
[25] EN
[54] **CELLULOSE FOOD CASING
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[54] **METHODE DE FABRICATION DE
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PRODUITS DE CHARCUTERIE**
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[72] WALTA, Joseph Robert, US
[72] KAJIWARA, Edward Makoto, US
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[30] US (08/827,130) 1997-03-27

[11] **2,223,854**
[13] C

[51] **Int.Cl. 6C25B 1/46**
[25] EN
[54] **METHOD FOR STARTING A
CHLOR-ALKALI DIAPHRAGM CELL**
[54] **PROCEDE DE DEMARRAGE
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[11] **2,224,755**
[13] C

[51] **Int.Cl. 6F02M 7/10 6F02D 41/30**
[25] EN
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[54] **CARBURATEUR A COMMANDE
ELECTRONIQUE**
[72] CARPENTER, Todd L., US
[73] TECUMSEH PRODUCTS COMPANY,
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[22] 1997-12-12
[30] US (60/032,873) 1996-12-13
[30] US (08/988,936) 1997-12-11

[11] **2,224,958**
[13] C

[51] **Int.Cl. 6B01J 23/58 6B01J 21/04
6B01D 53/94**
[25] EN
[54] **CATALYST FOR EXHAUST GAS
PURIFICATION AND SYSTEM FOR
EXHAUST GAS PURIFICATION**
[54] **CATALYSEUR POUR LA
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D'ECHAPPEMENT ET SYSTEME DE
PURIFICATION DE CES GAZ**
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[72] SHIBAGAKI, Yukinari, JP
[72] MIZUNO, Hiroshige, JP
[72] NODA, Naomi, JP
[73] NGK INSULATORS, LTD., JP
[22] 1997-12-15
[30] JP (8-341834) 1996-12-20

[11] **2,224,959**
[13] C

[51] **Int.Cl. 6B01J 23/58 6B01J 23/54
6B01D 53/94**
[25] EN
[54] **CATALYST FOR EXHAUST GAS
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EXHAUST GAS PURIFICATION**
[54] **CATALYSEUR POUR LA
PURIFICATION DES GAZ
D'ECHAPPEMENT ET SYSTEME DE
PURIFICATION DE CES GAZ**
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[72] NODA, Naomi, JP
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[22] 1997-12-15
[30] JP (8-341835) 1996-12-20

[11] **2,224,990**
[13] C

[51] **Int.Cl. 6H04B 1/69 6H04L 7/00**
[25] EN
[54] **SYNCHRONIZATION TO PSEUDO
RANDOM NUMBER SEQUENCE WITH
SIGN AMBIGUITY IN
COMMUNICATIONS SYSTEMS**
[54] **SYSTEMES DE
COMMUNICATIONS RECALANT
LEUR SYNCHRONISATION SUR UNE
SUITE DE NOMBRES PSEUDO-
ALEATOIRES A SIGNE AMBIGU**
[72] BAKOULINE, Mikhail, RU
[72] KREINDELIN, Vitali, RU
[72] CHLOMA, Alexandre, RU
[72] TROFIMOV, Iouri, RU
[72] WANG, RUI R., CA
[72] LI, GANG, CA
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[85] 1997-12-17
[86] 1996-06-26 (PCT/CA96/00428)
[87] (WO97/06609)
[30] US (60/001,881) 1995-08-03

[11] **2,225,699**
[13] C

[51] **Int.Cl. 6H01M 6/52**
[25] EN
[54] **PROCESS AND APPARATUS FOR
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COMPONENTS OF BATTERY**
[54] **PROCEDE ET INSTALLATION DE
RECUPERATION DES ELEMENTS
CONSTITUTIFS D'UNE BATTERIE**
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DRUGS ABSORPTION AND DELIVERY**
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VALVE, METHOD OF CONTROLLING
OPERATION OF HYDRAULIC
CYLINDER, AND METHOD OF
MODIFYING OPERATION
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VALVE**
[54] **METHODE DE MESURE DU
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[54] **SYSTEME DE BUS DE COMMANDE ET DE DONNEES EN PAQUETS A HAUT DEBIT ARBITRE PAR UN MODULE PARALLELE D'INTERCONNEXION**
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[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
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[72] TSUBAKI, Nobuhito, JP
[73] MURATA MANUFACTURING CO., LTD., JP
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[54] **SURFACE MOUNT CIRCULARLY POLARIZED WAVE ANTENNA AND COMMUNICATION APPARATUS USING THE SAME**
[54] **ANTENNE A MONTAGE DE SURFACE POUR ONDES A POLARISATION CIRCULAIRE ET APPAREIL DE COMMUNICATION UTILISANT CETTE ANTENNE**
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[72] MATSUMOTO, Haruo, JP
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[25] EN
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[72] MCKNIGHT, DAVID K., CA
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
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[54] **SYSTEME DE PURIFICATION D'AIR POUR DISPOSITIFS FONCTIONNANT DANS UN MILIEU SANS POUSSIERE ET SANS PRODUIT CHIMIQUE EN SUSPENSION DANS L'AIR**
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[72] HOGE, ROSS, CA
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[72] ARAUJO, MARIO, CA
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[54] **PLATE-FORME CARREE DE CHARGEMENT ET APPAREIL DE CONDITIONNEMENT DE BALLEES**
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[25] EN
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[54] **METHODE DE REDUCTION DE LA CONSOMMATION DE PUISSANCE D'UNE LAMPE FLUORESCENTE OU A SODIUM**
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[54] **AMELIORATIONS POUR LA REFLECTOMETRIE DANS LE DOMAINE DU TEMPS**
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[72] SACUTA, WALTER, CA
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[71] UNIVERSITÉ DE MONTRÉAL, CA
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[54] **COMPOSITIONS D'ENCRE THERMOFUSIBLES POUR DES APPLICATIONS D'IMPRESSION PAR JET D'ENCRE**
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[43] 2001-04-15

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[13] A1

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[54] **TAMBOUR DE SEMENCE A BRIDES**
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[72] EPP, RICHARD J., CA
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[54] **SYSTEME DE COMMUNICATIONS EN DIVERSITE ET METHODE DE FONCTIONNEMENT DU SYSTEME**
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[72] POLASEK, MARTIN, CA
[71] 767313 ALBERTA LTD., CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,523**
[13] A1

[51] **Int.Cl. 6A21C 9/02 6A21C 11/22 6A21C 11/24**
[25] EN
[54] **PASTA MACHINE**
[54] **MACHINE A PATES**
[72] unknown, ZZ
[71] ARCOBALENO PASTA MACHINES INC., CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,524**
[13] A1

[51] **Int.Cl. 6A21C 9/06**
[25] EN
[54] **MACHINE FOR MAKING STUFFED PASTAS**
[54] **MACHINE POUR FABRICATION DE PATES FARCIES**
[72] unknown, ZZ
[71] ARCOBALENO PASTA MACHINES INC., CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,534**
[13] A1

[51] **Int.Cl. 6H04L 12/22 6H04L 9/32**
[25] EN
[54] **METHOD FOR SECURE USER ACCESS TO MULTIPLE NETWORK ACCESSIBLE SECURE FILES**
[54] **METHODE DE PROTECTION DE L'ACCES DES UTILISATEURS A DE MULTIPLES FICHIERS PROTEGES ACCESSIBLES PAR RESEAU**
[72] KHANINE, DMITRI, CA
[71] AMERICAN GEM CORPORATION, CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,636**
[13] A1

[51] **Int.Cl. 6B63B 35/73 6B63H 1/04**
[25] EN
[54] **RECREATIONAL WATERCRAFT**
[54] **VEHICULES MARINS DE PLAISANCE**
[72] FARLEY, NICOLAS, CA
[72] FARLEY, PIERRE, CA
[71] FARLEY ICE TECHNOLOGIES INC., CA
[22] 1999-10-18
[43] 2001-04-18

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[21] **2,286,745**
[13] A1

[51] **Int.Cl. 6E04D 13/08 6A01G 9/16 6E04B 7/18**
[25] EN
[54] **MODULAR SOLARIUM AND KIT FOR CONSTRUCTING THE SAME**
[54] **SOLARIUM MODULAIRE ET NECESSAIRE DE CONSTRUCTION L'ACCOMPAGNANT**
[72] GAUTHIER, MARIO, CA
[72] SAINT-AMOUR, JEAN, CA
[71] GAUTHIER, MARIO, CA
[71] SAINT-AMOUR, JEAN, CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,823**
[13] A1

[51] **Int.Cl. 6F04D 3/02 6E21B 43/00 6F04B 47/02**
[25] EN
[54] **APPARATUS AND METHOD FOR PUMPING FLUIDS FOR USE WITH A DOWNHOLE ROTARY PUMP**
[54] **APPAREIL ET TECHNIQUE DE POMPAGE DE LIQUIDES POUR UTILISATION AVEC UNE POMPE ROTATIVE DE FOND**
[72] MATTHEWS, ED, CA
[72] DEUGO, SHAWN, CA
[72] ANAKA, JIM, CA
[72] PATON, MEL, CA
[72] ANDERSON, GARY, CA
[71] MATTHEWS, ED, CA
[71] DEUGO, SHAWN, CA
[71] ANAKA, JIM, CA
[71] PATON, MEL, CA
[71] ANDERSON, GARY, CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,868**
[13] A1

[51] **Int.Cl. 6B65G 7/02 6B05C 11/00 6B67D 5/00 6F16N 13/00**
[25] EN
[54] **SYSTEM FOR TRANSPORTING A CONTAINER CONTAINING VISCOUS LIQUIDS TO AN APPROPRIATE DISPENSING APPARATUS**
[54] **SYSTEME PERMETTANT DE TRANSPORTER UN CONTENEUR DE LIQUIDES VISQUEUX A UN APPAREIL DE DISTRIBUTION APPROPRIE**
[72] BRAY, JIM, CA
[71] BRAY, JIM, CA
[22] 1999-10-15
[43] 2001-04-15

[21] **2,286,872**
[13] A1

[51] **Int.Cl. 6F16K 17/02 6F16L 55/04 6E21B 34/08**
[25] EN
[54] **HYDRAULICALLY OPERATED PRESSURE RELIEF VALVE**
[54] **SOUPAPE DE SURPRESSION HYDRAULIQUE**
[72] WILLIAMS, RICHARD D., US
[71] WILLIAMS, RICHARD D., US
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,878**
[13] A1

[51] **Int.Cl. 6H02P 7/00**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATICALLY OPTIMIZING THE POWER CONSUMPTION OF AN ELECTRIC MOTOR**
[54] **METHODE ET APPAREIL PERMETTANT D'OPTIMISER AUTOMATIQUEMENT LA CONSOMMATION DE PUISSANCE D'UN MOTEUR ELECTRIQUE**
[72] CONRAD, WAYNE ERNEST, CA
[71] FANTOM TECHNOLOGIES INC., CA
[22] 1999-10-15
[43] 2001-04-15

[21] **2,286,880**
[13] A1

[51] **Int.Cl. 6H02J 7/00**
[25] EN
[54] **METHOD OF DISCHARGING SECONDARY BATTERIES**
[54] **METHODE DE DECHARGE DE BATTERIES SECONDAIRES**
[72] CONRAD, WAYNE ERNEST, CA
[71] FANTOM TECHNOLOGIES INC., CA
[22] 1999-10-15
[43] 2001-04-15

[21] **2,286,881**
[13] A1

[51] **Int.Cl. 6H02J 1/00**
[25] EN
[54] **METHOD AND APPARATUS FOR INCREASING THE POWER OUTPUT OF PRIMARY AND SECONDARY BATTERIES**
[54] **METHODE ET APPAREIL PERMETTANT D'AUGMENTER LA PUISSANCE DE SORTIE DE BATTERIES PRIMAIRES ET SECONDAIRES**
[72] CONRAD, WAYNE ERNEST, CA
[71] FANTOM TECHNOLOGIES INC., CA
[22] 1999-10-15
[43] 2001-04-15

[21] **2,286,883**
[13] A1

[51] **Int.Cl. 6H02P 7/00**
[25] EN
[54] **METHOD FOR REDUCING THE POWER CONSUMPTION OF AN ELECTRIC MOTOR**
[54] **METHODE DE REDUCTION DE LA CONSOMMATION DE PUISSANCE D'UN MOTEUR ELECTRIQUE**
[72] CONRAD, WAYNE ERNEST, CA
[71] FANTOM TECHNOLOGIES INC., CA
[22] 1999-10-15
[43] 2001-04-15

[21] **2,286,891**
[13] A1

[51] **Int.Cl. 6H05B 39/04**
[25] EN
[54] **METHOD FOR REDUCING THE POWER CONSUMPTION OF AN INCANDESCENT LIGHT BULB**
[54] **METHODE DE REDUCTION DE LA CONSOMMATION DE PUISSANCE D'UNE AMPOULE A INCANDESCENCE**
[72] CONRAD, WAYNE ERNEST, CA
[71] FANTOM TECHNOLOGIES INC., CA
[22] 1999-10-15
[43] 2001-04-15

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[21] **2,286,892**
[13] A1
[51] **Int.Cl. 6H02J 7/00**
[25] EN
[54] **METHOD OF CHARGING
SECONDARY BATTERIES**
[54] **METHODE DE CHARGEMENT DE
BATTERIES SECONDAIRES**
[72] CONRAD, WAYNE ERNEST, CA
[71] FANTOM TECHNOLOGIES INC., CA
[22] 1999-10-15
[43] 2001-04-15

[21] **2,286,918**
[13] A1
[51] **Int.Cl. 6B44C 3/00**
[25] FR
[54] **METHODE DE FABRICATION
D'HOMMES DE PIERRES**
[54] **METHOD FOR MAKING MEN OF
STONE**
[72] BÉLANGER, DANIEL, CA
[71] BÉLANGER, DANIEL, CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,286,922**
[13] A1
[51] **Int.Cl. 6A61K 35/78 6A61K 48/00
6A61K 35/12**
[25] EN
[54] **COMPOSITION HAVING AN
ANTIPROLIFERATIVE EFFECT ON
CANCER CELLS**
[54] **COMPOSITION AYANT UN EFFET
ANTIPROLIFERATEUR SUR LES
CELLULES CANCEREUSES**
[72] ST-PIERRE, SERGE A., CA
[72] GRISÉ, MICHEL, CA
[71] PROSEUS VIRIDIS RESEARCH INC.,
CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,286,925**
[13] A1
[51] **Int.Cl. 6B30B 9/00 6B30B 15/00
6B65F 1/14 6B30B 9/32**
[25] EN
[54] **CAN CRUSHER AND STORAGE
SYSTEM**
[54] **COMPACTEUR ET SYSTEME DE
STOCKAGE DE BOITES DE
CONSERVE**
[72] MORGAN, ROGER E., US
[71] MORGAN, ROGER E., US
[22] 1999-10-19
[43] 2001-04-19

[21] **2,286,929**
[13] A1
[51] **Int.Cl. 6A61B 17/00 6A61M 39/22**
[25] EN
[54] **VALVE SURGERY APPARATUS**
[54] **APPAREIL CHIRURGICAL
FACILITANT LE TRAVAIL SUR LES
VALVES**
[72] PAOLITTO, ANTHONY, CA
[72] CARTIER, RAYMOND, CA
[72] VALENTINI, VALERIO, CA
[71] PAOLITTO, ANTHONY, CA
[71] CARTIER, RAYMOND, CA
[71] VALENTINI, VALERIO, CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,930**
[13] A1
[51] **Int.Cl. 6E04H 17/22 6E04H 12/22**
[25] EN
[54] **GROUND EMBEDDING POST
HOLDER WITH ADJUSTABLE
BRACKET**
[54] **SUPPORT POUR POTEAU
PENETRANT DANS LE SOL AVEC
SUPPORT REGLABLE**
[72] MEYER, GEORGE, CA
[71] ROYAL CAPITAL STAMPING AND
TOOLING LTD., CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,286,931**
[13] A1
[51] **Int.Cl. 6A47J 42/26**
[25] EN
[54] **PORTABLE BATTERY POWERED
SHREDDER**
[54] **DECHIQUETEUSE PORTATIVE A
PILES**
[72] WILSHER, RICHARD T., CA
[71] WILSHER, RICHARD T., CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,940**
[13] A1
[51] **Int.Cl. 6A47L 23/22 6A47G 27/02**
[25] EN
[54] **THE SNOMAT**
[54] **LE SNOMAT**
[72] WHITEMAN, STEPHEN LIONEL, CA
[71] WHITEMAN, STEPHEN LIONEL, CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,941**
[13] A1
[51] **Int.Cl. 6A63B 23/00**
[25] EN
[54] **PRO-ROLLER**
[54] **PRO-ROLLER**
[72] GEORGEN, GREGOREY, CA
[71] GEORGEN, GREGOREY, CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,942**
[13] A1
[51] **Int.Cl. 6B23B 45/00**
[25] EN
[54] **MAGNETIC DRILLING
ENCLOSURE**
[54] **ENCEINTE DE PERCAGE
MAGNETIQUE**
[72] SCHOFFRO, DAVID J., CA
[71] SCHOFFRO, DAVID J., CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,286,944**
[13] A1
[51] **Int.Cl. 6G10D 3/04**
[25] EN
[54] **TREMOLO ROCKING BRIDGE**
[54] **CHEVALET FLOTTANT DE
TREMOLO**
[72] GLAIM, GRANT HOWARD, CA
[71] GLAIM, GRANT HOWARD, CA
[22] 1999-10-15
[43] 2001-04-15

[21] **2,286,945**
[13] A1
[51] **Int.Cl. 6B42D 9/00 6A47D 13/00
6A47G 29/00**
[25] EN
[54] **BABY BUDDY, NURSING MOTHER
ASSISTANT**
[54] **COMPAGNON DE BEBE, AIDE A
LA MERE ALLAITANTE**
[72] HARPER, EILEEN SCHAFER, CA
[71] HARPER, EILEEN SCHAFER, CA
[22] 1999-10-18
[43] 2001-04-18

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[21] **2,286,951**
[13] A1

[51] **Int.Cl. 6F24C 15/20 6B08B 15/00 6H02P 5/00**
[25] EN
[54] **AN INTELLIGENT OIL SMOKE EXHAUSTING DEVICE**
[54] **DISPOSITIF INTELLIGENT D'ASPIRATION DE FUMEE DE PRODUITS PETROLIERS**
[72] LIN, KUNG HUEI, TW
[72] CHANG, KUO-MING, TW
[72] YANG, CHING HUEI, TW
[71] TAIWAN SAKURA CORPORATION, TW
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,953**
[13] A1

[51] **Int.Cl. 6B22D 41/50**
[25] EN
[54] **INJECTION NOZZLE SYSTEM**
[54] **SYSTEME D'INJECTION**
[72] ZHUANG, HELEN, CA
[72] BABIN, DENIS, CA
[71] MOLD-MASTERS LIMITED, CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,954**
[13] A1

[51] **Int.Cl. 6B41J 2/055 6B41J 2/175**
[25] EN
[54] **PRESSURE-ADJUSTMENT MEANS**
[54] **DISPOSITIF DE REGLAGE DE LA PRESSION**
[72] MOU, TSE-CHI, KR
[72] LIN, FU-SAN, KR
[72] CHOU, CHIN-YI, KR
[72] HO, JING-YUAN, KR
[71] MICROJET TECHNOLOGY CO., LTD., TW
[22] 1999-10-20
[43] 2001-04-20

[21] **2,286,955**
[13] A1

[51] **Int.Cl. 6B41J 2/055 6B41J 2/175**
[25] EN
[54] **INK-JET CARTRIDGE**
[54] **CARTOUCHE A JET D'ENCRE**
[72] MOU, TSE-CHI, KR
[72] LIN, FU-SAN, KR
[72] CHOU, CHIN-YI, KR
[72] HSUEH, TA-WEI, KR
[72] PENG, LI-HSING, KR
[72] LEU, YI-JING, KR
[72] HO, JING-YUAN, KR
[71] MICROJET TECHNOLOGY CO., LTD., TW
[22] 1999-10-20
[43] 2001-04-20

[21] **2,286,956**
[13] A1

[51] **Int.Cl. 6F16L 9/14 6B32B 1/08 6F16L 9/18**
[25] EN
[54] **STEEL-COMPOSITE PIPE APPARATUS AND METHOD OF MANUFACTURING SAME**
[54] **TUYAU FABRIQUE EN COMPOSITE ET EN ACIER ET TECHNIQUE DE FABRICATION DE CELUI-CI**
[72] BAILEY, WILLIAM D., CA
[72] COLLINS, LAURIE E., CA
[72] BRITTEN, DAVID L., CA
[72] NELSON, BRIAN, CA
[71] IPSCO INC., CA
[22] 1999-10-18
[43] 2001-04-18

[21] **2,286,962**
[13] A1

[51] **Int.Cl. 6H04L 12/24 6H04L 12/42**
[25] EN
[54] **METHODS AND ISSUES IN PATH PROVISIONING ON RING-BASED NETWORKS**
[54] **METHODES ET QUESTIONS RELATIVES AUX TRAJETS SUR RESEAUX ANNULAIRES**
[72] SIU, ERNEST B., CA
[72] GROVER, WAYNE, CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,286,966**
[13] A1

[51] **Int.Cl. 6H01H 35/34**
[25] EN
[54] **DIFFERENTIAL PRESSURE TRIGGERING DEVICE**
[54] **DISPOSITIF DE DECLENCHEMENT A PRESSION DIFFERENTIELLE**
[72] GAGNON, MICHEL, CA
[71] HENLEX INC., CA
[22] 1999-10-20
[43] 2001-04-20

[21] **2,286,981**
[13] A1

[51] **Int.Cl. 6B26D 7/18 6B31B 1/14**
[25] EN
[54] **METHODS FOR ERECTION OF FEMALE BLANKING DIE AND UNIVERSAL PRESS FRAMES FOR USE IN SUCH METHODS**
[54] **TECHNIQUES DE MONTAGE DE MATRICES FEMELLES ET CADRES DE PRESSAGE UNIVERSELS POUR L'UTILISATION DE CES TECHNIQUES**
[72] SANDFORD, PETER E., CA
[71] SANDFORD, PETER E., CA
[22] 1999-10-20
[43] 2001-04-20

[21] **2,286,984**
[13] A1

[51] **Int.Cl. 6B65G 69/24 6B65G 69/28**
[25] EN
[54] **LOADING DOCK LEVELER WITH PRECAST BASE BOX INSERT**
[54] **NIVELEUR DE QUAI AVEC BASE RAPPORTEE EN BETON PRECONTRAINTE**
[72] ACHENBACH, R. TIMOTHY, US
[71] ACHENBACH, R. TIMOTHY, US
[22] 1999-10-20
[43] 2001-04-20

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[21] **2,286,991**
[13] A1
[51] **Int.Cl. 6B61D 3/18**
[25] EN
[54] **AUTORACK RAIL CAR STRUCTURE**
[54] **STRUCTURE D'AUTORAIL POUR PORTE-AUTOMOBILES**
[72] COSLOVI, ILARIO A., CA
[72] AZIZ, GREG, ZZ
[72] KHATTAB, MOHAMED A., CA
[71] NATIONAL STEEL CAR LIMITED, CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,287,005**
[13] A1
[51] **Int.Cl. 6B63B 35/00 6F23G 5/00 6B63B 35/28**
[25] EN
[54] **SEA-GOING VESSEL WITH A SOLID-WASTE INCINERATOR**
[54] **NAVIRE ALLANT EN MER AVEC INCINERATEUR DE DECHETS SOLIDES**
[72] WU, YI-JUN, TW
[71] WU, YI-JUN, TW
[22] 1999-10-19
[43] 2001-04-19

[21] **2,287,007**
[13] A1
[51] **Int.Cl. 6A61G 17/013**
[25] EN
[54] **SHIPPING PACKAGE FOR CASKET FOLDERS**
[54] **EMBALLAGE D'EXPEDITION POUR CHARNIERES DE CERCUEIL**
[72] BEAULIEU, BENOIT M., CA
[72] MICHAUD, GUILLAUME, CA
[72] OUELLET, JOCELYN, CA
[71] BEAULIEU, BENOIT M., CA
[71] MICHAUD, GUILLAUME, CA
[71] OUELLET, JOCELYN, CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,287,019**
[13] A1
[51] **Int.Cl. 6E06C 1/24 6E06C 7/00**
[25] EN
[54] **LADDER INCLUDING STORAGE COMPARTMENTS**
[54] **ECHELLE AVEC COMPARTIMENTS DE RANGEMENT**
[72] BROWN, NORMA, US
[71] BROWN, NORMA, US
[22] 1999-10-19
[43] 2001-04-19

[21] **2,287,024**
[13] A1
[51] **Int.Cl. 6G01N 21/63 6G01N 21/31**
[25] EN
[54] **METHOD AND APPARATUS FOR SPECTROSCOPIC ANALYSIS OF HETEROGENEOUS MATERIALS**
[54] **METHODE ET APPAREIL POUR L'ANALYSE SPECTROSCOPIQUE DE SUBSTANCES HETEROGENES**
[72] SABSABI, MOHAMAD, CA
[72] CIELO, PAOLO, CA
[71] SABSABI, MOHAMAD, CA
[71] CIELO, PAOLO, CA
[22] 1999-10-20
[43] 2001-04-20

[21] **2,287,028**
[13] A1
[51] **Int.Cl. 6G08B 17/00 6G08B 27/00 6G08B 7/06**
[25] EN
[54] **FIRE SAFETY DOORKNOB DEVICE**
[54] **DISPOSITIF DE SECURITE INCENDIE POUR POIGNEE DE PORTE**
[72] VELJI, SHAFIN R., CA
[72] KREPOSTER, ALEXANDER SASHA, CA
[71] VELJI, SHAFIN R., CA
[71] KREPOSTER, ALEXANDER SASHA, CA
[22] 1999-10-21
[43] 2001-04-21

[21] **2,287,033**
[13] A1
[51] **Int.Cl. 6G01C 15/02 6G01S 5/14**
[25] EN
[54] **LAND-MARKING DEVICE AND A METHOD OF LAND SURVEYING AND MARKING**
[54] **DISPOSITIF DE MARQUAGE DU SOL ET METHODE D'ARPENTAGE ET DE MARQUAGE DU SOL**
[72] BROUWER, FRANS P., CA
[71] GEOID EXPLORATION LTD., CA
[22] 1999-10-21
[43] 2001-04-21

[21] **2,287,035**
[13] A1
[51] **Int.Cl. 6B26D 7/18 6B31B 1/14**
[25] EN
[54] **NOVEL ELEMENTS TO ERECT FEMALE AND MALE BLANKING DIES FOR A DIE CUTTING AND/OR BLANKING MACHINE**
[54] **NOUVEAUX ELEMENTS DE MONTAGE DE MATRICES FEMELLES ET MALES POUR UNE MACHINE DE DECOUPAGE ET/OU DE MATRICAGE A LA PRESSE**
[72] SANDFORD, PETER E., CA
[71] SANDFORD, PETER E., CA
[22] 1999-10-20
[43] 2001-04-20

[21] **2,287,047**
[13] A1
[51] **Int.Cl. 6C10B 53/00**
[25] EN
[54] **HIGH PURITY CARBON BLACK OBTAINED BY PYROLYSIS OF A SOLID CARBONIZABLE MATERIAL, PROCESS THEREOF**
[54] **NOIR DE CARBONE DE GRANDE PURETE OBTENU PAR PYROLYSE D'UNE MATIERE CARBONISABLE SOLIDE, PROCESSUS CONNEXE**
[72] LAMOTHE, JEAN-PIERRE, CA
[72] GAGNON, JACQUES, CA
[71] HEBSCO INTERNATIONAL INC., CA
[22] 1999-10-21
[43] 2001-04-21

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[21] **2,287,061**
[13] A1

[51] **Int.Cl. 6A47B 47/00 6A47B 55/00**
[25] EN
[54] **TUBULAR METAL FRAME CABINETS**
[54] **ARMOIRES A CHASSIS METALLIQUE TUBULAIRE**
[72] BAUDER, MICHELLE, CA
[72] BUSATO, HECTOR, CA
[71] BAUDER, MICHELLE, CA
[71] BUSATO, HECTOR, CA
[22] 1999-10-21
[43] 2001-04-21

[21] **2,287,068**
[13] A1

[51] **Int.Cl. 6A47B 31/02**
[25] EN
[54] **LYDIAS DINER**
[54] **LYDIAS DINER**
[72] GIGNAC, JACQUES R., CA
[71] GIGNAC, JACQUES R., CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,287,117**
[13] A1

[51] **Int.Cl. 6H02J 7/00 6H02J 7/14**
[25] EN
[54] **RV DC POWER SUPPLY**
[54] **BLOC D'ALIMENTATION C.C. DE VEHICULE RECREATIF**
[72] DWIGHT, NILSSON, CA
[71] DWIGHT, NILSSON, CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,287,120**
[13] A1

[51] **Int.Cl. 6E02F 5/10 6F16L 1/028**
[25] EN
[54] **A METHOD OF CONTROLLING A PIPELINE PLOW AND A PIPELINE PLOW**
[54] **TECHNIQUE DE CONTROLE D'UNE ENFOUISSEUSE DE PIPELINES ET ENFOUISSEUSE DE PIPELINES**
[72] McCRINDLE, DEAN RICHARD, CA
[71] McCRINDLE, DEAN RICHARD, CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,287,137**
[13] A1

[51] **Int.Cl. 6G02B 6/136 6G02B 6/124**
[25] EN
[54] **POLARIZATION INSENSITIVE GRATING IN A PLANAR CHANNEL OPTICAL WAVEGUIDE AND METHOD TO ACHIEVE THE SAME**
[54] **RESEAU INSENSIBLE A LA POLARISATION DANS UN GUIDE D'ONDES A CANAL PLANAIRE ET METHODE DE PRODUCTION**
[72] HILL, KENNETH O., CA
[72] JOHNSON, DERWYN C., CA
[72] MIHAILOV, STEPHEN J., CA
[72] BILODEAU, FRANCOIS, CA
[72] ALBERT, JACQUES, CA
[71] HILL, KENNETH O., CA
[71] JOHNSON, DERWYN C., CA
[71] MIHAILOV, STEPHEN J., CA
[71] BILODEAU, FRANCOIS, CA
[71] ALBERT, JACQUES, CA
[22] 1999-10-21
[43] 2001-04-21

[21] **2,287,154**
[13] A1

[51] **Int.Cl. 6E04H 17/22 6E04H 12/22**
[25] EN
[54] **POST HOLDER WITH UPRIGHT ADJUSTMENT**
[54] **SUPPORT DE POTEAU A REGLAGE VERTICAL**
[72] MEYER, GEORGE, CA
[71] ROYAL CAPITAL STAMPING AND TOOLING LTD., CA
[22] 1999-10-19
[43] 2001-04-19

[21] **2,287,354**
[13] A1

[51] **Int.Cl. 7G01R 31/36**
[25] EN
[54] **BATTERY STORAGE MEASURE THROUGH REMOTE FREQUENCY MEASURE**
[54] **MESURE DE LA CHARGE D'UNE BATTERIE PAR UNE MESURE DE FREQUENCE A DISTANCE**
[72] SAMSON, MARC, CA
[71] SAMSON, MARC, CA
[22] 1999-10-15
[43] 2001-04-15

[21] **2,287,356**
[13] A1

[51] **Int.Cl. 7G06K 11/18**
[25] EN
[54] **VIRTUAL MOUSE**
[54] **SOURIS VIRTUELLE**
[72] SAMSON, MARC, CA
[72] WILLEN, DAG, CA
[71] SAMSON, MARC, CA
[71] WILLEN, DAG, CA
[22] 1999-10-15
[43] 2001-04-15

[21] **2,287,420**
[13] A1

[51] **Int.Cl. 6F21V 3/00**
[25] EN
[54] **LAMP ASSEMBLY WITH A CASING HAVING A MILD LIGHT-TRANSMISSION EFFECT**
[54] **ENSEMBLE LAMPE AVEC UN LOGEMENT PERMETTANT UNE LEGERE TRANSMISSION DE LA LUMIERE**
[72] YANG, JERRY S.C., TW
[71] YANG, JERRY S.C., TW
[22] 1999-10-21
[43] 2001-04-21

[21] **2,287,559**
[13] A1

[51] **Int.Cl. 6A47G 9/08**
[25] EN
[54] **AN IMPROVED SLEEPING BAG**
[54] **SAC DE COUCHAGE AMELIORE**
[72] HOPE, STEPHEN ROSS, NZ
[72] HILLAM, DAVID NORMAN, NZ
[71] HOPE, STEPHEN ROSS, NZ
[71] HILLAM, DAVID NORMAN, NZ
[22] 1999-10-19
[43] 2001-04-19

[21] **2,287,579**
[13] A1

[51] **Int.Cl. 6A47G 23/10 6G01F 19/00**
[25] FR
[54] **EQUI-VINUM**
[54] **EQUI-VINUM**
[72] DESSAINT, DENIS, CA
[71] DESSAINT, DENIS, CA
[22] 1999-10-15
[43] 2001-04-15

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[21] **2,287,661**
[13] A1
[51] **Int.Cl. 6A45C 3/00 6A61J 1/00**
[25] EN
[54] **HOPE HANDBAG**
[54] **SAC HOPE**
[72] BARASH, CHERYL, CA
[71] BARASH, CHERYL, CA
[22] 1999-10-21
[43] 2001-04-21

[21] **2,287,662**
[13] A1
[51] **Int.Cl. 6A63B 71/12 6A41D 13/00 6A41D 1/04**
[25] EN
[54] **PROTECTIVE SPORTS GARMENT FOR THE UPPER AND LOWER TORSO**
[54] **VETEMENT DE SPORT DE PROTECTION DE L'ENSEMBLE DU TORSO**
[72] CITRA, DAVID WAYNE, CA
[71] CITRA, DAVID WAYNE, CA
[22] 1999-10-21
[43] 2001-04-21

[21] **2,287,770**
[13] A1
[51] **Int.Cl. 6B62M 1/14 6A61G 5/02**
[25] EN
[54] **PARA TRIKE MOUNTAIN BIKE**
[54] **TRICYCLE DE MONTAGNE POUR PARAPLEGIQUE**
[72] DUGGAN, DONALD RODNEY, CA
[71] DUGGAN, DONALD RODNEY, CA
[22] 1999-10-21
[43] 2001-04-21

[21] **2,287,789**
[13] A1
[51] **Int.Cl. 6H03H 17/02 6H03H 21/00**
[25] EN
[54] **DYNAMIC FILTER CENTERING**
[54] **CENTRAGE DYNAMIQUE DE FILTRE**
[72] SAMSON, MARC, CA
[71] SAMSON, MARC, CA
[22] 1999-10-15
[43] 2001-04-15

[21] **2,287,793**
[13] A1
[51] **Int.Cl. 7B42D 15/00 7B65C 9/08**
[25] EN
[54] **BUSINESS DOCUMENT HAVING A PLURALITY OF UNIQUE INDICIA AND A METHOD OF USING THE BUSINESS DOCUMENT**
[54] **DOCUMENT D'AFFAIRE A PLURALITE DE MARQUES UNIQUES ET MODE D'EMPLOI**
[72] SERWON, STANLEY J., US
[72] SMITH, FRANCIS R., US
[72] CROSS, JEROME, US
[72] RUSS, TIMOTHY J., US
[72] POST, CLIFFORD J., US
[71] MOORE NORTH AMERICA, INC., US
[22] 1999-10-29
[43] 2001-04-19
[30] US (09,420,851) 1999-10-19

[21] **2,287,794**
[13] A1
[51] **Int.Cl. 6A01K 67/00 6A01H 1/00 6A01K 67/033**
[25] EN
[54] **CROP POLLINATION METHOD BY INSECTS**
[54] **METHODE DE POLLINISATION DES CULTURES PAR DES INSECTES**
[72] HARPER, WILLIAM, US
[71] HARPER, WILLIAM, US
[22] 1999-10-19
[43] 2001-04-19

[21] **2,288,464**
[13] A1
[51] **Int.Cl. 7A47B 96/14 7A47B 63/00**
[25] EN
[54] **LOCKING SHELF SUPPORT**
[54] **FERRURE D'ASSEMBLAGE DE TABLETTE**
[72] MARSH, THOMAS R., US
[71] TENN-TEX PLASTICS, INC., US
[22] 1999-11-04
[43] 2001-04-20
[30] US (09/421,706) 1999-10-20

[21] **2,289,365**
[13] A1
[51] **Int.Cl. 7A61K 38/19 7A61P 9/00 7A61K 45/08 7C12Q 1/24 7A61K 38/55**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREDICTING, DIAGNOSING AND TREATING LIPODYSTROPHY**
[54] **METHODES ET COMPOSITIONS POUR PREVOIR, DIAGNOSTIQUER ET TRAITER LA LIPODYSTROPHIE**
[72] KAIN, KEVIN C., CA
[72] SERGHIDES, LENA, CA
[71] KAIN, KEVIN C., CA
[71] SERGHIDES, LENA, CA
[22] 1999-11-12
[43] 2001-04-19
[30] US (UNKNOWN) 1999-10-19

[21] **2,290,172**
[13] A1
[51] **Int.Cl. 6B60T 1/12**
[25] FR
[54] **SYSTEME ANCRO**
[54] **ANCRO SYSTEM**
[72] MARTEL, FLORIAN, CA
[71] MARTEL, FLORIAN, CA
[22] 1999-10-20
[43] 2001-04-20

[21] **2,290,835**
[13] A1
[51] **Int.Cl. 7H01R 25/00 7H01R 24/10**
[25] EN
[54] **MULTI-DECK ELECTRIC OUTLET ASSEMBLY**
[54] **ENSEMBLE DE PRISES ELECTRIQUES A PLUSIEURS ETAGES**
[72] CHOU, JONIE, TW
[71] CHOU, JONIE, TW
[22] 1999-11-25
[43] 2001-04-15
[30] CN (99251412.6) 1999-10-15

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[21] **2,291,933**
[13] A1

[51] **Int.Cl. 7H01Q 1/32**
[25] EN
[54] **ANTENNA MOUNT FOR AIR DRAG REDUCTION EQUIPMENT FOR MOTOR VEHICLES**
[54] **FIXATION D'ANTENNE POUR INSTALLATION DE REDUCTION DE TRAINEE AERODYNAMIQUE DE VEHICULE A MOTEUR**
[72] JENSEN, WILLIAM L., JR., US
[71] JENSEN, WILLIAM L., JR., US
[22] 1999-12-08
[43] 2001-04-21
[30] US (09/422,709) 1999-10-21

[21] **2,298,432**
[13] A1

[51] **Int.Cl. 7H04L 12/18 7H04L 9/32 7G06F 17/60**
[25] EN
[54] **MARKET TRANSPARENT ELECTRONIC BROKERAGE SYSTEM**
[54] **SYSTEME DE COURTAGE ELECTRONIQUE TRANSPARENT POUR LE MARCHE**
[72] RUDD, DAVID C., CA
[72] ROE, PHILLIP N., CA
[71] RUDD, DAVID C., CA
[71] ROE, PHILLIP N., CA
[22] 2000-02-11
[43] 2001-04-19
[30] US (09/420,421) 1999-10-19

[21] **2,301,980**
[13] A1

[51] **Int.Cl. 7A01B 73/02**
[25] EN
[54] **COMPACT HINGE ASSEMBLY FOR A FOLDING IMPLEMENT**
[54] **PETITE CHARNIERE POUR ELEMENT REPLIABLE**
[72] MOSDAL, BRIAN THOMAS, US
[72] NOONAN, JAMES THOMAS, US
[72] PAYNE, DAVID ALAN, US
[72] PARKER, PAUL DAVID, US
[71] DEERE & COMPANY, US
[22] 2000-03-21
[43] 2001-04-15
[30] US (09/419,399) 1999-10-15

[21] **2,297,361**
[13] A1

[51] **Int.Cl. 7G01N 33/68 7G01N 33/53**
[25] EN
[54] **METHODS OF DIAGNOSING MUSCLE DAMAGE**
[54] **METHODES DE DIAGNOSTIC DES DOMMAGES MUSCULAIRES**
[72] LABUGGER, RALF, CH
[72] VAN EYK, JENNIFER E., CA
[72] NEVEROVA, IRENA, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[22] 2000-01-27
[43] 2001-04-18
[30] US (09/419,901) 1999-10-18

[21] **2,300,602**
[13] A1

[51] **Int.Cl. 7C09C 1/48 7C08K 3/04**
[25] EN
[54] **HIGH PURITY CARBON BLACK COMPOSITION IN THE FORM OF A POWDER OBTAINED BY PYROLYSIS OF A SOLID CARBONIZABLE MATERIAL, PROCESS THEREOF**
[54] **COMPOSITION DE NOIR DE CARBONE DE GRANDE PURETE SOUS FORME DE POUDRE OBTENUE PAR PYROLYSE D'UNE MATIERE CARBONISABLE SOLIDE, PROCESSUS CONNEXE**
[72] LAMOTHE, JEAN-PIERRE, CA
[72] GAGNON, JACQUES, CA
[71] HEBCO INTERNATIONAL INC., CA
[22] 2000-03-10
[43] 2001-04-21
[30] CA (2,287,047) 1999-10-21

[21] **2,304,403**
[13] A1

[51] **Int.Cl. 7B29C 70/20**
[25] FR
[54] **PROCEDE DE FABRICATION D'UN RUBAN COMPOSITE FORME DE FIBRES DE RENFORCEMENT ET DE MATIERE ORGANIQUE THERMOPLASTIQUE**
[54] **PROCESS FOR MANUFACTURING A COMPOSITE STRAND FORMED OF REINFORCING FIBRES AND ORGANIC THERMOPLASTIC MATERIAL**
[72] DEBALME, JEAN-PAUL, FR
[72] VOIRON, JACQUES, FR
[72] CIVIDINO, ALEXANDRE, FR
[71] VETROTEX FRANCE S.A., FR
[22] 2000-04-03
[43] 2001-04-20
[30] FR (99/13 067) 1999-10-20

[21] **2,297,695**
[13] A1

[51] **Int.Cl. 7A47C 7/54**
[25] EN
[54] **SEAT ASSEMBLY WITH ARMREST RETRACTABLE INTO SEAT BACK**
[54] **SIEGE A APPUI-BRAS RETRACTABLES DANS LE DOSSIER**
[72] COOK, CHARLES L., US
[72] SCHNECK, FRANK H., JR., US
[72] COREY, JEFFREY S., US
[72] KAHN, WILLIAM C., US
[71] PACCAR INC., US
[22] 2000-02-03
[43] 2001-04-21
[30] US (09/425,067) 1999-10-21

[21] **2,301,491**
[13] A1

[51] **Int.Cl. 7C07D 471/04 7A61P 11/06 7A61P 11/08 7A61K 31/519**
[25] EN
[54] **NOVEL 7-AMINOPYRIDO -2,3-DIPYRIMIDINE DERIVATIVES**
[54] **NOUVEAUX DERIVES DE LA 7-AMINOPYRIDO-2,3-DIPYRIMIDINE**
[72] OGINO, TAKASHI, JP
[72] FURUKAWA, KAZUHIRO, JP
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
[22] 2000-03-21
[43] 2001-04-15
[30] EP (99 120 013.0) 1999-10-15

[21] **2,304,410**
[13] A1

[51] **Int.Cl. 7B62B 7/10 7B62B 3/02**
[25] EN
[54] **COLLAPSIBLE BABY JOGGING STROLLER**
[54] **POUSSETTE DE JOGGING PLIANTE**
[72] EVERETT, RICHARD C., US
[71] EVERETT, RICHARD C., US
[22] 2000-04-03
[43] 2001-04-21
[30] US (09/421,415) 1999-10-21

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[21] **2,304,427**
[13] A1
[51] **Int.Cl. 7G06F 9/06 7G06F 15/16 7G06F 9/45**
[25] EN
[54] **TABLE FORMAT PROGRAMMING TOOL**
[54] **OUTIL DE PROGRAMMATION DE FORMAT DE TABLEAU**
[72] LAM, PETER AR-FU, US
[71] LAM, PETER AR-FU, US
[22] 2000-04-05
[43] 2001-04-16
[30] US (09/419752) 1999-10-16

[21] **2,305,118**
[13] A1
[51] **Int.Cl. 7E21B 43/24**
[25] EN
[54] **WATER TREATMENT PROCESS FOR THERMAL HEAVY OIL RECOVERY**
[54] **PROCEDE DE TRAITEMENT DE L'EAU POUR LA RECUPERATION THERMIQUE D'HUILES LOURDES**
[72] BRAUN, ALEX, CA
[72] KRESNYAK, STEVE, CA
[71] AQUA PURE VENTURES INC., CA
[71] ALBERTA ENERGY COMPANY INC., CA
[22] 2000-05-03
[43] 2001-04-17
[30] US (09/468,915) 1999-12-22

[21] **2,305,923**
[13] A1
[51] **Int.Cl. 7E21D 1/00**
[25] EN
[54] **SHAFT SINKING METHOD**
[54] **METHODE DE FONCAGE**
[72] RODAN, BRIAN BERNARD, AU
[71] AUSTRALIAN CONTRACT MINING PTY LTD., AU
[22] 2000-04-13
[43] 2001-04-21
[30] AU (PQ3585) 1999-10-21

[21] **2,306,531**
[13] A1
[51] **Int.Cl. 7G05B 11/00 7H02J 7/00 7H05B 37/02**
[25] EN
[54] **METHOD AND APPARATUS FOR DELIVERING POWER TO MECHANICAL OR ELECTRICAL SYSTEM**
[54] **METHODE ET APPAREIL DE TRANSMISSION DE PUISSANCE A UN SYSTEME MECANIQUE OU ELECTRIQUE**
[72] CONRAD, WAYNE ERNEST, CA
[71] CONRAD, WAYNE ERNEST, CA
[22] 2000-04-20
[43] 2001-04-15
[30] CA (2,286,883) 1999-10-15
[30] CA (2,286,878) 1999-10-15
[30] CA (2,286,891) 1999-10-15
[30] CA (2,286,413) 1999-10-15
[30] CA (2,286,892) 1999-10-15
[30] CA (2,286,880) 1999-10-15
[30] CA (2,286,881) 1999-10-15

[21] **2,307,950**
[13] A1
[51] **Int.Cl. 7H04L 12/16**
[25] EN
[54] **INTERNET BASED ADVERTISING SYSTEM**
[54] **SYSTEME PUBLICITAIRE SUR INTERNET**
[72] YU, EUN YOUNG, KR
[71] YU, EUN YOUNG, KR
[22] 2000-05-08
[43] 2001-04-19
[30] KR (45352/1999) 1999-10-19

[21] **2,308,906**
[13] A1
[51] **Int.Cl. 7C08K 5/357 7A22C 13/00 7C08K 5/32**
[25] EN
[54] **CELLULOSE FOOD CASING, CELLULOSE COMPOSITION, AND PRODUCTION METHOD THEREFOR**
[54] **BOYAUX EN CELLULOSE, COMPOSITION DE CELLULOSE ET METHODE POUR LEUR PRODUCTION**
[72] PORTNOY, NORMAN ABBYE, US
[72] NICHOLSON, MYRON DONALD, US
[72] DUCHARME, PAUL EDMUND JR., US
[71] VISKASE CORPORATION, US
[22] 2000-05-18
[43] 2001-04-18
[30] US (09/419,933) 1999-10-18

[21] **2,309,493**
[13] A1
[51] **Int.Cl. 7F16C 11/06 7F16B 1/00**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO COUPLING ASSEMBLIES**
[54] **AMELIORATIONS DE RACCORDS ET ACCESSOIRES OU S'Y RAPPORTANT**
[72] BROWNING, ERNEST FREDERICK, GB
[71] MARCONI ELECTRONIC SYSTEMS LIMITED, GB
[22] 2000-05-26
[43] 2001-04-19
[30] GB (9924638.1) 1999-10-19

[21] **2,309,562**
[13] A1
[51] **Int.Cl. 7G02B 23/12**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO IMAGE INTENSIFIERS**
[54] **AMELIORATIONS EN MATIERE D'INTENSIFICATEURS D'IMAGES**
[72] BARTLETT, CHRISTOPHER TRAVERS, GB
[71] BAE SYSTEMS ELECTRONICS LIMITED, GB
[22] 2000-05-26
[43] 2001-04-15
[30] GB (9924385.9) 1999-10-15

[21] **2,311,224**
[13] A1
[51] **Int.Cl. 7H02G 3/08 7H02G 3/14**
[25] EN
[54] **INSULATING GASKET**
[54] **GARNITURE D'ISOLATION**
[72] HAYDUKE, NICHOLAS, US
[72] DOWD, DAVID, US
[71] PASS & SEYMOUR, INC., US
[22] 2000-06-12
[43] 2001-04-15
[30] US (09/419,021) 1999-10-15

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[21] **2,313,061**
[13] A1

[51] **Int.Cl. 7E02D 29/02 7E04C 1/00**
[25] EN
[54] **BLOCK MODULE**
[54] **BLOC**
[72] STRAND, TODD P., US
[72] BLOMQUIST, PETER J., US
[71] KILTIE CORP., US
[22] 2000-06-29
[43] 2001-04-15
[30] US (09/479,521) 2000-01-07
[30] US (29/112,442) 1999-10-15
[30] US (29/112,434) 1999-10-15

[21] **2,313,062**
[13] A1

[51] **Int.Cl. 7E02D 29/02 7E04C 1/00**
[25] EN
[54] **MODULAR SEGMENTED
RETAINING WALL**
[54] **MUR DE SOUTÈNEMENT A
SEGMENTS MODULAIRES**
[72] STRAND, TODD P., US
[72] BLOMQUIST, PETER J., US
[71] KILTIE CORP., US
[22] 2000-06-29
[43] 2001-04-15
[30] US (09/479,161) 2000-01-07
[30] US (29/112,442) 1999-10-15
[30] US (29/112,434) 1999-10-15

[21] **2,313,551**
[13] A1

[51] **Int.Cl. 7H01L 23/482**
[25] EN
[54] **WAFER INTEGRATED RIGID
SUPPORT RING**
[54] **ANNEAU DE SUPPORT RIGIDE
INTEGRE A UNE TRANCHE**
[72] WIRSING, ADOLF, US
[72] COX, HARRY D., US
[72] KEELER, CHARLES H., US
[72] SPECHT, DAVID J., US
[72] GARDECKI, LEONARD J., US
[72] PULASKI, DORIS P., US
[72] SCHAFFER, MARY A., US
[72] DANIEL, DAVID P., US
[72] JULIANELLE, RUTH A. MACHELL,
US
[72] SMITH, DAVID L., US
[72] GREGORITSCH, ALBERT J., III, US
[71] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[22] 2000-07-06
[43] 2001-04-21
[30] US (09/422,697) 1999-10-21

[21] **2,313,879**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 3/10
7G01N 33/66 7G01N 33/96**
[25] EN
[54] **METHOD OF CONTROLLING
BLOOD SUGAR LEVELS USING
COCOLOBA UVIFERA**
[54] **METHODE DE REGULATION DE
LA GLYCEMIE A L'AIDE DE
COCOLOBA UVIFERA**
[72] BUCKLEY, WILLIAM, US
[71] BUCKLEY, WILLIAM, US
[22] 2000-07-12
[43] 2001-04-21
[30] US (09/422,761) 1999-10-21

[21] **2,314,797**
[13] A1

[51] **Int.Cl. 7E05F 11/38**
[25] EN
[54] **WINDOW LIFT BRACKET**
[54] **CONSOLE DE LEVAGE DE VITRE**
[72] SCHMITT, KARL R., US
[71] ELCO TEXTRON INC., US
[22] 2000-07-31
[43] 2001-04-18
[30] US (60/160,102) 1999-10-18

[21] **2,315,498**
[13] A1

[51] **Int.Cl. 7A47G 19/12 7A45F 3/16
7A47G 19/22**
[25] EN
[54] **MUG WITH MULTIPLE SIP HOLES
AND LID GASKET**
[54] **GROSSE TASSE AVEC PLUSIEURS
TROUS POUR BOIRE ET UN JOINT
D'ETANCHEITE DE COUVERCLE**
[72] MURAKAMI, YASUHIRO, US
[72] KUWANO, TOSHIKI, US
[71] THE THERMOS COMPANY, US
[22] 2000-08-09
[43] 2001-04-20
[30] US (09/421,731) 1999-10-20

[21] **2,315,898**
[13] A1

[51] **Int.Cl. 7A61M 5/32 7A61M 5/50**
[25] EN
[54] **METHOD OF MAKING A
RETRACTABLE NEEDLE SYRINGE**
[54] **TECHNIQUE DE FABRICATION
D'UNE SERINGUE A AIGUILLE
RETRACTABLE**
[72] CAIZZA, RICHARD, US
[71] BECTON, DICKINSON AND
COMPANY, US
[22] 2000-08-14
[43] 2001-04-15
[30] US (09/419,185) 1999-10-15

[21] **2,316,064**
[13] A1

[51] **Int.Cl. 7A61M 5/32 7A61M 5/50**
[25] EN
[54] **RETRACTING NEEDLE SYRINGE**
[54] **SERINGUE A AIGUILLE
RETRACTABLE**
[72] CAIZZA, RICHARD, US
[71] BECTON, DICKINSON AND
COMPANY, US
[22] 2000-08-16
[43] 2001-04-15
[30] US (09/419,184) 1999-10-15

[21] **2,316,505**
[13] A1

[51] **Int.Cl. 7C21C 5/44**
[25] EN
[54] **ASSEMBLY DEVICE FOR LINING
OF A CONVERTER**
[54] **DISPOSITIF DE MONTAGE POUR
REVETEMENT D'UN
CONVERTISSEUR**
[72] WAISNIX, FRANZ, AT
[71] VEITSCH-RADEX GMBH, AT
[22] 2000-08-17
[43] 2001-04-16
[30] DE (199 50 056.8) 1999-10-16

[21] **2,316,659**
[13] A1

[51] **Int.Cl. 7B65D 81/03**
[25] EN
[54] **CUSHIONING MATERIAL**
[54] **MATERIAU AMORTISSEUR**
[72] SUZUKI, KEN-ICHI, JP
[71] TSUKASA KASEI KOGYO K.K., JP
[22] 2000-08-25
[43] 2001-04-21
[30] JP (11-008001) 1999-10-21
[30] JP (11-008541) 1999-11-09

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[21] **2,316,668**
[13] A1

[51] **Int.Cl. 7E04C 3/14 7B27M 3/00**
[25] EN
[54] **ENGINEERED WOOD MEMBER AND METHOD OF ITS MANUFACTURE**
[54] **ELEMENT D'OSSATURE DE BOIS ET METHODE DE FABRICATION CONNEXE**
[72] HORSFIELD, BRIAN C., US
[72] ZIEGLER, GERALD A., US
[71] WEYERHAEUSER COMPANY, US
[22] 2000-08-23
[43] 2001-04-21
[30] US (09/422,582) 1999-10-21

[21] **2,317,192**
[13] A1

[51] **Int.Cl. 7F16B 2/22 7F16L 3/13**
[25] EN
[54] **CLIP WITH FLEXIBLE LOCKING ARMS**
[54] **CLIP AVEC BRAS DE VERROUILLAGE FLEXIBLES**
[72] KWILOSZ, MARK J., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-08-31
[43] 2001-04-18
[30] US (09/420,261) 1999-10-18

[21] **2,317,375**
[13] A1

[51] **Int.Cl. 7B60P 1/52**
[25] EN
[54] **CONTAINER LOCKDOWN DEVICE**
[54] **DISPOSITIF D'IMMOBILISATION DE CONTENEURS**
[72] GUNTER, STERLING W., US
[72] LANDOLL, DONALD R., US
[72] VACHA, KEITH, US
[71] LANDOLL CORPORATION, US
[22] 2000-09-05
[43] 2001-04-21
[30] US (09/422,908) 1999-10-21

[21] **2,316,721**
[13] A1

[51] **Int.Cl. 7A61G 17/00**
[25] EN
[54] **CASKET WITH URN DRAWER**
[54] **CERCUEIL AVEC TIROIR A URNE**
[72] ALVEY, BARRY, US
[72] CHAMNESS, CLARENCE, US
[71] THE YORK GROUP, INC., US
[22] 2000-08-25
[43] 2001-04-19
[30] US (09/420,845) 1999-10-19

[21] **2,317,226**
[13] A1

[51] **Int.Cl. 7B25C 1/00**
[25] EN
[54] **FASTENER HOLDING TOOL AND SYSTEM**
[54] **OUTIL ET SYSTEME DE RETENUE A BRIDE DE FIXATION**
[72] FORSELL, DAVID J., US
[72] YATES, EDWARD DOUGLAS, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-09-01
[43] 2001-04-20
[30] US (09/421,301) 1999-10-20

[21] **2,317,789**
[13] A1

[51] **Int.Cl. 7C12Q 1/70 7G01N 33/533 7C12Q 1/68**
[25] EN
[54] **METHOD AND KIT FOR EVALUATION OF HIV MUTATIONS**
[54] **METHODE ET TROUSSE POUR L'EVALUATION DES MUTATIONS DU VIH**
[72] DUNN, JAMES M., CA
[72] LACROIX, JEAN-MICHEL, CA
[71] VISIBLE GENETICS INC., CA
[22] 2000-09-14
[43] 2001-04-15
[30] US (09/418,720) 1999-10-15

[21] **2,317,082**
[13] A1

[51] **Int.Cl. 7G06F 11/36 7G06F 11/30**
[25] EN
[54] **SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR VALIDATING WEB CONTENT TAILORED FOR DISPLAY WITHIN PERVASIVE COMPUTING DEVICES**
[54] **SYSTEMES, METHODES ET PROGRAMMES INFORMATIQUES POUR LA VALIDATION DE CONTENU WEB CONCU POUR FINS D'AFFICHAGE DANS DES DISPOSITIFS INFORMATIQUES OUVERTS**
[72] VOUGHT, ERIC M., US
[72] CAMUT, SAMUEL A., US
[72] HENINGER, IVAN M., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-08-28
[43] 2001-04-15
[30] US (09/419,841) 1999-10-15

[21] **2,317,291**
[13] A1

[51] **Int.Cl. 7E21B 17/00**
[25] EN
[54] **PORTABLE CONTINUOUS SUCKER ROD MANUFACTURING PROCESS**
[54] **PROCEDE DE FABRICATION DE TIGES PORTATIVES POUR LE POMPAGE EN CONTINU**
[72] WIDNEY, SCOTT W., CA
[72] DEDELS, RICHARD L., CA
[71] 768885 ALBERTA LTD., CA
[22] 2000-08-31
[43] 2001-04-15
[30] US (09/649,098) 2000-08-28

[21] **2,317,877**
[13] A1

[51] **Int.Cl. 7F16M 11/24**
[25] EN
[54] **CASE SEALER BASE LEVELER**
[54] **VERIN DE CALAGE DE LA BASE D'UNE FERMEUSE DE CAISSES**
[72] SAMBUCA, ANTHONY J., JR., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-09-08
[43] 2001-04-15
[30] US (09/414,488) 1999-10-15

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[21] **2,318,020**
[13] A1

[51] **Int.Cl. 7A61B 17/58 7A61F 2/28**
[25] EN
[54] **BONE PLATE**
[54] **PLAQUE VISSEE**
[72] SCHAFFER, BERND, CH
[72] HALM, HENRY, DE
[72] LILJENQVIST, ULF, DE
[72] CHAN, DONALD, US
[71] SCHAFFER, BERND, CH
[22] 2000-09-11
[43] 2001-04-18
[30] DE (199 50 252.8-5) 1999-10-18

[21] **2,318,022**
[13] A1

[51] **Int.Cl. 7B23Q 1/26**
[25] EN
[54] **CASE SEALER MAST AND TROLLEY ASSEMBLY**
[54] **MAT ET CHARIOT POUR FERMEUSE DE CAISSES**
[72] SAMBUCA, ANTHONY J., JR., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-09-11
[43] 2001-04-15
[30] US (09/414,489) 1999-10-15

[21] **2,318,494**
[13] A1

[51] **Int.Cl. 7A61K 38/04**
[25] EN
[54] **ANGIOTENSIN CONVERTING ENZYME INHIBITOR**
[54] **INHIBITEUR DE L'ENZYME DE CONVERSION DE L'ANGIOTENSINE**
[72] FUJITA, HIROYUKI, JP
[71] THE NIPPON SYNTHETIC CHEMICAL INDUSTRY CO., LTD., JP
[22] 2000-09-15
[43] 2001-04-15
[30] JP (293113/1999) 1999-10-15

[21] **2,318,646**
[13] A1

[51] **Int.Cl. 7A47J 27/62**
[25] EN
[54] **ELECTRICAL PRESSURE SENSING SWITCH**
[54] **INTERRUPTEUR ELECTRIQUE A DETECTION DE PRESSION**
[72] McNAIR, JOHN DUNCAN, HK
[71] CHIAPHUA INDUSTRIES LIMITED, HK
[22] 2000-09-12
[43] 2001-04-15
[30] US (09/418,891) 1999-10-15

[21] **2,318,651**
[13] A1

[51] **Int.Cl. 7C02F 1/78**
[25] FR
[54] **PROCEDE ET INSTALLATION D'ELABORATION ET DE DELIVRANCE D'EAU OZONEE A UN POINT UTILISATEUR**
[54] **PROCESS AND FACILITY FOR THE GENERATION AND DELIVERY OF OZONIZED WATER TO A USER POINT**
[72] KEMPEN, CARINNE, FR
[72] LAROYE, STEPHANE, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR
[22] 2000-09-12
[43] 2001-04-20
[30] FR (99 13095) 1999-10-20

[21] **2,318,670**
[13] A1

[51] **Int.Cl. 7A47B 97/00 7A47B 87/02 7A47B 96/02**
[25] EN
[54] **PIECE OF FURNITURE**
[54] **MEUBLE**
[72] ISINGER, BERND, DE
[71] ISINGER, BERND, DE
[22] 2000-09-11
[43] 2001-04-15
[30] EP (99 120 539.4) 1999-10-15

[21] **2,319,982**
[13] A1

[51] **Int.Cl. 7H04M 17/02 7G07F 19/00**
[25] EN
[54] **METHOD OF PROVIDING A QUANTITY OF TELEPHONE TIME FROM AN ATM OR POS TERMINAL**
[54] **METHODE PERMETTANT DE FOURNIR UNE QUANTITE DE TEMPS DE COMMUNICATION TELEPHONIQUE A PARTIR D'UN TERMINAL ATM OU POS**
[72] WINCH, STEVEN RICHARD, CA
[72] WALCOT, PETER ADAMSON, CA
[72] KOJFMAN, RICK, CA
[72] BITOVE, THOMAS JOHN, CA
[71] WIRELESS AIR TIME DIRECT INC., CA
[22] 2000-09-19
[43] 2001-04-20
[30] CA (2,303,041) 2000-03-29

[21] **2,320,022**
[13] A1

[51] **Int.Cl. 7A01G 27/02**
[25] EN
[54] **AUTOMATIC PLANT WATERING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ARROSAGE AUTOMATIQUE DE PLANTE**
[72] MOUNT, RANDY A., US
[72] CARONE, DON, US
[72] CONLEY, RALPH F., JR., US
[71] MOUNT, RANDY A., US
[71] CARONE, DON, US
[71] CONLEY, RALPH F., JR., US
[22] 2000-09-21
[43] 2001-04-21
[30] US (09/422,597) 1999-10-21

[21] **2,320,030**
[13] A1

[51] **Int.Cl. 7B60C 11/11**
[25] EN
[54] **AN ON/OFF ROAD TREAD FOR A TIRE**
[54] **BANDE DE ROULEMENT TOUS-TERRAINS POUR UN PNEU**
[72] MAXWELL, PAUL BRYAN, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2000-09-21
[43] 2001-04-20
[30] US (09/421,610) 1999-10-20

[21] **2,320,505**
[13] A1

[51] **Int.Cl. 7B29C 51/26 7B29C 53/02 7B32B 27/06**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR POSTFORMING THERMOPLASTIC SHEETS**
[54] **METHODE, APPAREIL ET SYSTEME POUR LE POSTFORMAGE DE FEUILLES THERMOPLASTIQUES**
[72] MOORE, STEVEN J., US
[72] INGRIM, MICHAEL E., US
[72] BILLECK, BILLY JOE JR., US
[72] MOORE, KELLY, US
[72] OWENS, DAVID M., US
[72] RABROKER, BETH A., US
[72] TRETHERWEY, BRUCE RODNEY JR., US
[71] PREMARK RWP HOLDINGS, INC., US
[22] 2000-09-18
[43] 2001-04-15
[30] US (09/419,267) 1999-10-15

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[21] 2,320,592
[13] A1

[51] **Int.Cl. 7G03G 21/16**
[25] EN
[54] **BELT TENSIONER APPARATUS**
[54] **TENDEUR DE COURROIE**
[72] HOU, SSUJAN, US
[72] WING, JOSEPH M., US
[72] LEO, MICHAEL F., US
[72] COSTANZA, DANIEL W., US
[71] XEROX CORPORATION, US
[22] 2000-09-20
[43] 2001-04-19
[30] US (09/420,570) 1999-10-19

[21] 2,320,662
[13] A1

[51] **Int.Cl. 7E05F 3/22**
[25] EN
[54] **POWER ADJUSTMENT SIZE**
INDICATOR FOR A DOOR CLOSER
[54] **INDICATEUR DE DIMENSIONS**
POUR REGLAGE DE PUISSANCE D'UN
FERME-PORTE
[72] BLANFORD, THOMAS H., US
[72] BRAUNLICH, MARK, US
[72] BISHOP, ARTHUR, GB
[72] WASIELEWSKI, MICHAEL, US
[71] INGERSOLL-RAND
ARCHITECTURAL HARDWARE GROUP
LIMITED, GB
[71] SCHLAGE LOCK COMPANY, US
[22] 2000-09-26
[43] 2001-04-15
[30] US (09/419,420) 1999-10-15

[21] 2,321,014
[13] A1

[51] **Int.Cl. 7H04L 29/10**
[25] EN
[54] **SINGLE ACTION AUDIO PROMPT**
INTERFACE UTILISING BINARY
STATE TIME DOMAIN MULTIPLE
SELECTION PROTOCOL
[54] **INTERFACE A INDICATION**
SONORE MONO-ACTION UTILISANT
UN PROTOCOLE DE SELECTION
MULTIPLE A ETATS BINAIRES ET
DOMAINE TEMPOREL
[72] TOUPIN, PAUL M., CA
[71] TOUPIN, PAUL M., CA
[22] 2000-09-27
[43] 2001-04-20
[30] US (60/160,637) 1999-10-20

[21] 2,321,266
[13] A1

[51] **Int.Cl. 7C07K 16/40 7C12P 21/00**
7C12N 5/12 7G01N 33/573 7G01N 33/577
[25] EN
[54] **ANTI-DNASE-GAMMA**
ANTIBODY, AND PRODUCTION AND
USE THEREOF
[54] **ANTICORPS ANTI-ADNASE-**
GAMMA, ET PRODUCTION ET
UTILISATION CONNEXES
[72] TANUMA, SEIICHI, JP
[72] KIMURA, TATSUJI, JP
[72] SHIOKAWA, DAISUKE, JP
[71] TANUMA, SEIICHI, JP
[71] ADVANCED LIFE SCIENCE
INSTITUTE, INC., JP
[22] 2000-10-20
[43] 2001-04-21
[30] JP (11-299824) 1999-10-21

[21] 2,321,329
[13] A1

[51] **Int.Cl. 7C08L 83/06 7C08J 3/05**
7B01F 7/10
[25] EN
[54] **EMULSIFIER AND METHOD FOR**
MANUFACTURING SILICONE OIL
EMULSION OR CROSSLINKED
SILICONE PARTICLE SUSPENSION
[54] **EMULSEUR ET METHODE DE**
FABRICATION D'UNE EMULSION
D'HUILE DE SILICONE OU D'UNE
SUSPENSION DE PARTICULES DE
SILICONE RETICULEE
[72] OZAKI, KOICHI, JP
[72] KOBAYASHI, KAZUO, JP
[72] YAMADERA, TOYOHICO, JP
[72] MORITA, YOSHITSUGU, JP
[72] TACHIBANA, RYUJI, JP
[72] YOSHIDA, KEIJI, JP
[71] DOW CORNING TORAY SILICONE
COMPANY, LTD., JP
[22] 2000-09-27
[43] 2001-04-20
[30] JP (11-298617) 1999-10-20

[21] 2,321,354
[13] A1

[51] **Int.Cl. 7A61B 17/70**
[25] EN
[54] **SPINAL CROSS CONNECTOR**
[54] **CONNECTEUR D'AIGUILLE**
[72] CROZET, YVES, US
[72] MASSON, MARTIN, US
[71] HOWMEDICA OSTEONICS
CORPORATION, US
[22] 2000-09-28
[43] 2001-04-19
[30] US (09/419,869) 1999-10-19

[21] 2,321,360
[13] A1

[51] **Int.Cl. 7H01L 21/56 7H01L 23/10**
[25] FR
[54] **PROCEDE D'ENCAPSULATION DE**
COMPOSANTS ELECTRONIQUES
[54] **PROCESS FOR ENCAPSULATING**
ELECTRONIC COMPONENTS
[72] BUREAU, JEAN-MARC, FR
[72] NGUYEN, NGOC-TUAN, FR
[72] LE BAIL, DANIEL, FR
[72] LELONG, CHRISTIAN, FR
[72] ELZIERE, JACQUES, FR
[71] THOMSON-CSF, FR
[22] 2000-10-10
[43] 2001-04-15
[30] FR (99 12 916) 1999-10-15

[21] 2,321,389
[13] A1

[51] **Int.Cl. 7B27F 7/15**
[25] EN
[54] **APPARATUS FOR CONNECTING**
WOODEN COMPONENTS
[54] **APPAREIL DE FIXATION DE**
PIECES EN BOIS
[72] JIN, KATHY LIUHUI, US
[72] OLDEN, MARC, US
[71] MITEK HOLDINGS, INC., US
[22] 2000-09-28
[43] 2001-04-18
[30] US (09/419,582) 1999-10-18
[30] US (09/612,813) 2000-07-10

[21] 2,321,391
[13] A1

[51] **Int.Cl. 7H01M 4/86 7H01M 4/88**
[25] EN
[54] **FUEL-CELL ELECTRODE AND**
METHOD OF MANUFACTURING THE
FUEL-CELL ELECTRODE
[54] **ELECTRODE DE PILE A**
COMBUSTIBLE ET METHODE DE
FABRICATION DE L'ELECTRODE DE
PILE A COMBUSTIBLE
[72] KAWAHARA, TATSUYA, JP
[72] MIZUNO, SEIJI, JP
[72] KAWAHARA, KAZUO, JP
[72] MORIMOTO, YU, JP
[72] ASAOKA, TAKAHIKO, JP
[71] TOYOTA JIDOSHA KUBUSHIKI
KAISHA, JP
[22] 2000-09-29
[43] 2001-04-20
[30] JP (HEI 11-297992) 1999-10-20

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[21] **2,321,437**
[13] A1

[51] **Int.Cl. 7C12N 15/33 7A61K 39/00 7C07K 14/005 7C07K 16/08 7A61P 31/12 7G01N 33/566 7C12Q 1/68 7A61K 31/70**
[25] EN
[54] **DNA ENCODING STRUCTURAL PROTEIN-1 OF INFECTIOUS SALMON ANAEMIA VIRUS AND USES**
[54] **DNA CODANT POUR LA PROTEINE DE STRUCTURE-1 DU VIRUS DE L'ANEMIE INFECTIEUSE DU SAUMON ET UTILISATIONS CONNEXES**
[72] BIERING, EIRIK, NO
[72] KROSSOY, BJORN, NO
[71] AKZO NOBEL N.V., NL
[22] 2000-10-18
[43] 2001-04-18
[30] EP (99203401.7) 1999-10-18

[21] **2,321,514**
[13] A1

[51] **Int.Cl. 7B05D 1/38 7B05D 5/00 7B05D 3/06**
[25] EN
[54] **MULTIPLE LAYERED COATING ON HEAT-SENSITIVE SUBSTRATES**
[54] **REVETEMENT MULTICOUCHE SUR DES SUBSTRATS THERMOSENSIBLES**
[72] WHITE, GERALD K., US
[72] NACKER, WAYNE E., US
[72] ALLEN, KAREN D., US
[71] ROHM AND HAAS COMPANY, US
[22] 2000-10-02
[43] 2001-04-15
[30] US (09/419,331) 1999-10-15

[21] **2,321,967**
[13] A1

[51] **Int.Cl. 7B60D 1/54 7B60D 1/06**
[25] EN
[54] **STOWABLE BALL MOUNT TRAILER HITCH**
[54] **ATTELAGE DE REMORQUE ~ ROTULE ESCAMOTABLE**
[72] ADAIR, EDWARD C., US
[71] ADAIR, EDWARD C., US
[22] 2000-10-04
[43] 2001-04-21
[30] US (09/422,391) 1999-10-21
[30] US (09/603,078) 2000-06-26

[21] **2,322,087**
[13] A1

[51] **Int.Cl. 7H04M 1/663 7H04M 1/57**
[25] EN
[54] **SELECTIVE CALLER ID BLOCKING**
[54] **BLOPAGE SELECTIF DE L'INDICATION DU NUMERO DU DEMANDEUR**
[72] MCDOWELL, RICHARD LAWRENCE, US
[72] MOONEY, PHILIP D., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-03
[43] 2001-04-15
[30] US (09/418,939) 1999-10-15

[21] **2,322,095**
[13] A1

[51] **Int.Cl. 7A47C 7/72 7H02G 3/00**
[25] EN
[54] **POWER AND DATA DISTRIBUTION SYSTEM FOR BEAM-MOUNTED SEATING**
[54] **SYSTEME DE REPARTITION DE PUISSANCE ET DE DONNEES POUR SIEGES A BARRE DE MAINTIEN**
[72] GEVAERT, STEVEN C., US
[71] KRUEGER INTERNATIONAL, INC., US
[22] 2000-10-03
[43] 2001-04-20
[30] US (09/421,715) 1999-10-20

[21] **2,322,108**
[13] A1

[51] **Int.Cl. 7G01N 1/08 7B01L 3/00**
[25] EN
[54] **DEVICE FOR COLLECTING AND STORING SAMPLES**
[54] **DISPOSITIF DE PRELEVEMENT ET DE STOCKAGE D'ECHANTILLONS**
[72] GOMES, FRANCIS, US
[72] LANDSBERGER, DAVID, US
[72] FOLLMAN, MARK, US
[71] BEL-ART PRODUCTS, INC., US
[22] 2000-10-03
[43] 2001-04-15
[30] US (09/418,471) 1999-10-15

[21] **2,322,115**
[13] A1

[51] **Int.Cl. 7E04G 23/08**
[25] EN
[54] **A BREAKER DEVICE FOR REMOVING THE TOPS OF COLUMNS**
[54] **DISPOSITIF DE RUPTURE POUR RETIRER LA CIME DE PILIERS**
[72] MANTOVANI, ALBERTO, IT
[71] MANTOVANIBENNE S.R.L., IT
[22] 2000-10-03
[43] 2001-04-18
[30] IT (MO 99 A 000225) 1999-10-18

[21] **2,322,238**
[13] A1

[51] **Int.Cl. 7H04L 29/00 7H04M 3/00**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO DIGITAL COMMUNICATIONS APPARATUS**
[54] **AMELIORATIONS APORTEES OU RELATIVES A UN APPAREIL DE COMMUNICATIONS UTILISANT DES TECHNIQUES NUMERIQUES**
[72] JUDGE, RUPINDER, GB
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-03
[43] 2001-04-18
[30] EP (99308221.3) 1999-10-18

[21] **2,322,254**
[13] A1

[51] **Int.Cl. 7H01L 23/00 7G09F 9/30**
[25] EN
[54] **ARTICLE COMPRISING ALIGNED NANOWIRES AND PROCESS FOR FABRICATING ARTICLE**
[54] **ARTICLE COMPRENANT DES NANOFILS ALIGNES ET PROCEDE DE FABRICATION DE CET ARTICLE**
[72] KOCHANSKI, GREGORY P., US
[72] JIN, SUNGHO, US
[72] ZHU, WEI, US
[72] FILAS, ROBERT WILLIAM, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-04
[43] 2001-04-18
[30] US (09/420,157) 1999-10-18

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[21] **2,322,255**
[13] A1
[51] **Int.Cl. 7H01Q 1/12 7H01Q 1/36**
[25] EN
[54] **L-SHAPED INDOOR ANTENNA**
[54] **ANTENNE INTERIEUR EN L**
[72] JUDD, MANO D., US
[71] ANDREW CORPORATION, US
[22] 2000-10-04
[43] 2001-04-15
[30] US (09/418,737) 1999-10-15

[21] **2,322,257**
[13] A1
[51] **Int.Cl. 7G01R 31/02 7H01M 10/48**
[25] EN
[54] **BATTERY VOLTAGE**
MEASURING DEVICE
[54] **APPAREIL DE MESURE DE**
TENSION DE BATTERIE
[72] OHSAWA, NAOKI, JP
[72] TSURUMI, TAKAFUMI, JP
[72] MAEDA, TOMOHIKO, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2000-10-04
[43] 2001-04-19
[30] JP (11-297475) 1999-10-19

[21] **2,322,306**
[13] A1
[51] **Int.Cl. 7A61G 7/10**
[25] EN
[54] **INVALID HOISTS**
[54] **PALANS POUR INVALIDE**
[72] COLLINS, NICHOLAS, GB
[71] ARJO LIMITED, GB
[22] 2000-10-04
[43] 2001-04-19
[30] GB (9924543.3) 1999-10-19

[21] **2,322,308**
[13] A1
[51] **Int.Cl. 7B22F 9/16 7C22C 1/05**
[25] EN
[54] **MODIFIED LUBRICATED**
FERROUS POWDER COMPOSITIONS
FOR COLD AND WARM PRESSING
APPLICATIONS
[54] **COMPOSITIONS MODIFIEES DE**
POUDRE FERREUSE CONTENANT UN
LUBRIFIANT POUR COMPRESSION A
FROID ET A CHAUD
[72] TREMBLAY, LINDA, CA
[72] ST-LAURENT, SYLVAIN, CA
[72] THOMAS, YANNIG, CA
[71] TREMBLAY, LINDA, CA
[71] ST-LAURENT, SYLVAIN, CA
[71] THOMAS, YANNIG, CA
[22] 2000-10-04
[43] 2001-04-20
[30] CA (2,287,029) 1999-10-20

[21] **2,322,354**
[13] A1
[51] **Int.Cl. 7B29C 45/74 7B29C 45/20**
[25] EN
[54] **HOT RUNNER NOZZLE**
[54] **BUSE DE CANAL CHAUFFE**
[72] WURSTLIN, WALTER, DE
[71] OTTO MANNER
HEISSKANALSYSTEME GMBH & CO.
KG, DE
[22] 2000-10-05
[43] 2001-04-18
[30] DE (199 50 273.0) 1999-10-18

[21] **2,322,376**
[13] A1
[51] **Int.Cl. 7B66F 9/075 7B61B 13/00**
[25] EN
[54] **GUIDE SYSTEM FOR A FORKLIFT**
[54] **SYSTEME DE GUIDAGE POUR**
CHARIOT ELEVATEUR A FOURCHES
[72] TYGARD, EDWARD, US
[71] TYGARD MACHINE &
MANUFACTURING COMPANY, US
[22] 2000-10-05
[43] 2001-04-15
[30] US (09/418,259) 1999-10-15

[21] **2,322,385**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G07F 19/00**
7H04L 12/16
[25] EN
[54] **WEB-BASED CREDIT**
AVAILABILITY METHODS AND
SYSTEMS
[54] **METHODES ET SYSTEMES**
D'ETABLISSEMENT DE LA
DISPONIBILITE DE CREDIT
[72] CASCIANO, ANTHONY GERARD,
US
[72] SANICOLA, STEVEN, US
[72] SAVOCA, KAREN L., US
[72] MCKAY, JAMES JOSEPH, US
[72] DIGIACOMO, ANTHONY, US
[72] STEYER, FERDINAND, US
[71] GE CAPITAL COMMERCIAL
FINANCE, INC., US
[22] 2000-10-05
[43] 2001-04-15
[30] US (60/159,825) 1999-10-15
[30] US (09/475,778) 1999-12-30

[21] **2,322,404**
[13] A1
[51] **Int.Cl. 7H04L 9/12**
[25] EN
[54] **AUTOMATIC**
RESYNCHRONIZATION OF CRYPTO-
SYNC INFORMATION
[54] **SYSTEME DE**
RESYNCHRONISATION
AUTOMATIQUE D'INFORMATIONS
CRYPTEES
[72] SOLER, MILTON A., US
[72] MIZIKOVSKY, SEMYON B., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-05
[43] 2001-04-19
[30] US (09/422,205) 1999-10-19

[21] **2,322,413**
[13] A1
[51] **Int.Cl. 7H04Q 7/30 7H04B 7/216**
[25] EN
[54] **RECONFIGURABLE WIRELESS**
SYSTEM BASE STATION
[54] **STATION DE BASE**
RECONFIGURABLE DE SYSTEME
SANS FIL
[72] RUBIN, HARVEY, US
[72] DAJER, MIGUEL, US
[72] KERR, CLAIRE TALKIN, US
[72] LACONTE, PETER KEITH, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-05
[43] 2001-04-18
[30] US (09/420,278) 1999-10-18

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[21] **2,322,555**
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12P 13/04 7C12P 13/08 7C12N 1/20 7C12N 15/63**
[25] EN
[54] **NEW NUCLEOTIDE SEQUENCES WHICH CODE FOR THE PCK GENE**
[54] **NOUVELLES SEQUENCES NUCLEOTIDIQUES CODANT POUR LE GENE PCK**
[72] EIKMANN, BERNHARD, DE
[72] RIEDEL, CHRISTIAN, DE
[72] MOCKEL, BETTINA, DE
[72] SAHM, HERMANN, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE
[22] 2000-10-19
[43] 2001-04-20
[30] DE (199 50 409.1) 1999-10-20

[21] **2,322,596**
[13] A1

[51] **Int.Cl. 7H04L 27/01**
[25] EN
[54] **PRECURSOR DECISION FEEDBACK EQUALIZER (PDFE)**
[54] **EGALISATEUR DECISIONNEL A RETROACTION A ELIMINATION DE BROUILLAGE PRECURSEUR**
[72] JIN, GARY Q., CA
[72] REESOR, GORDON J., CA
[71] MITEL CORPORATION, CA
[22] 2000-10-06
[43] 2001-04-18
[30] GB (9924624.1) 1999-10-18

[21] **2,322,715**
[13] A1

[51] **Int.Cl. 7H04L 1/22**
[25] EN
[54] **PACKET LOSS CONTROL METHOD FOR REAL-TIME MULTIMEDIA COMMUNICATIONS**
[54] **METHODE DE CONTROLE DE PERTE DE PAQUETS POUR COMMUNICATIONS MULTIMEDIA EN TEMPS REEL**
[72] SUNDBERG, CARL-ERIK WILHELM, US
[72] LOU, HUI-LING, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-10
[43] 2001-04-21
[30] US (09/425,143) 1999-10-21

[21] **2,322,720**
[13] A1

[51] **Int.Cl. 7H04L 29/10 7H04L 12/24 7G06F 17/60**
[25] EN
[54] **METHOD AND APPARATUS FOR SELECTING NETWORK ENTITIES**
[54] **METHODE ET APPAREIL DE SELECTION D'ENTITES DE RESEAU**
[72] ROCHFORD, SUZANNE L., CA
[72] WILLE, ALLAN, CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-10-10
[43] 2001-04-19
[30] US (09/420,424) 1999-10-19

[21] **2,322,723**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/24**
[25] EN
[54] **WORKFLOW RESOURCE AND WORK ITEM SELECTION ARRANGEMENT**
[54] **MECANISME DE SELECTION DES RESSOURCES ET DES LOTS DE TRAVAIL**
[72] FORD, JON ALLAN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-10
[43] 2001-04-20
[30] US (09/420,912) 1999-10-20

[21] **2,322,906**
[13] A1

[51] **Int.Cl. 7A47C 27/10**
[25] EN
[54] **IMPROVED WATERBED STRUCTURE**
[54] **STRUCTURE AMELIOREE POUR LIT D'EAU**
[72] CHOW, ANDY S., TW
[71] CHOW, ANDY S., TW
[22] 2000-10-11
[43] 2001-04-18
[30] CN (ZL99248728.5) 1999-10-18

[21] **2,322,925**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 29/02**
[25] EN
[54] **A COMMUNICATIONS NETWORK FOR EXCHANGING DATA PACKETS OF ATM CONNECTIONS AND METHODS AND NETWORK NODES FOR THIS COMMUNICATIONS NETWORK**
[54] **RESEAU DE TELECOMMUNICATIONS POUR L'ECHANGE DE PAQUETS DE DONNEES DE CONNEXIONS ATM ET METHODES ET NOEUDS DE RESEAU ASSOCIES A CE RESEAU DE TELECOMMUNICATIONS**
[72] T'JOENS, YVES, BE
[71] ALCATEL, FR
[22] 2000-10-10
[43] 2001-04-15
[30] EP (99440277.4) 1999-10-15

[21] **2,322,928**
[13] A1

[51] **Int.Cl. 7H01R 24/12**
[25] EN
[54] **ELECTRICAL CONNECTOR WITH INTERNAL SHIELD**
[54] **CONNECTEUR ELECTRIQUE AVEC BLINDAGE INTERNE**
[72] BELOPOLSKY, YAKOV, US
[72] NORTHEY, WILLIAM A., US
[71] BERG TECHNOLOGY, INC., US
[22] 2000-10-11
[43] 2001-04-16
[30] US (09/419,735) 1999-10-16

[21] **2,322,929**
[13] A1

[51] **Int.Cl. 7H01R 24/12**
[25] EN
[54] **ELECTRICAL CONNECTOR WITH INTERNAL SHIELD AND FILTER**
[54] **CONNECTEUR ELECTRIQUE AVEC FILTRE ET BLINDAGE INTERNES**
[72] NORTHEY, WILLIAM A., US
[72] BELOPOLSKY, YAKOV, US
[71] BERG TECHNOLOGY, INC., US
[22] 2000-10-11
[43] 2001-04-16
[30] US (09/419,734) 1999-10-16

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[21] **2,322,935**
[13] A1
[51] **Int.Cl. 7C21B 13/10 7C21C 5/00 7F27B 3/06**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING REDUCED METAL**
[54] **METHODE ET APPAREIL POUR PRODUIRE UN METAL REDUIT**
[72] TATEISHI, MASATAKA, JP
[72] TETSUMOTO, MASAHIKO, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO ALSO KNOWN AS KOBE STEEL, LTD., JP
[22] 2000-10-11
[43] 2001-04-15
[30] JP (11-293546) 1999-10-15

[21] **2,322,976**
[13] A1
[51] **Int.Cl. 7H04L 12/18 7H04L 12/56**
[25] EN
[54] **MULTICAST ROUTING CACHE**
[54] **CACHE D'ACHEMINEMENT A DIFFUSION SELECTIVE**
[72] LI, YUNZHOU, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-10-10
[43] 2001-04-21
[30] US (09/422,702) 1999-10-21

[21] **2,322,978**
[13] A1
[51] **Int.Cl. 7B81C 5/00 7B81B 7/02**
[25] EN
[54] **HERMATIC FIREWALL FOR MEMS PACKAGING IN FLIP-CHIP BONDED GEOMETRY**
[54] **CLOISON HERMETIQUE POUR SYSTEMES MECANIQUES MICROELECTRIQUES MONTES A L'AIDE DE PUCES A PROTUBERANCES**
[72] KIM, JUNGSANG, US
[72] GATES, JOHN VANATTA II, US
[72] BISHOP, DAVID JOHN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-06
[43] 2001-04-15
[30] US (09/419,488) 1999-10-15

[21] **2,322,993**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7H04L 12/24 7G06F 13/38 7G06F 9/44 7H04L 12/66**
[25] EN
[54] **METHOD FOR INSTALLING SOFTWARE COMPONENTS AT A USER-TERMINAL, RELATED DEVICES AND RELATED SOFTWARE MODULES**
[54] **METHODE D'INSTALLATION DE COMPOSANTS LOGICIELS DANS UN TERMINAL D'UTILISATEUR ET DISPOSITIFS ET MODULES LOGICIELS CONNEXES**
[72] VAN LEEKWIJCK, WERNER
ADRIAAN JOSEPHINE, BE
[72] CHANTRAIN, DOMINIQUE HELENA LUCIA, BE
[72] VANDERSTRAETEN, HANS, BE
[71] ALCATEL, FR
[22] 2000-10-10
[43] 2001-04-15
[30] EP (99402554.2) 1999-10-15

[21] **2,323,025**
[13] A1
[51] **Int.Cl. 7B81B 3/00 7H01H 47/04 7H01H 51/27**
[25] EN
[54] **NON-VOLATILE MEMS MICRO-RELAYS USING MAGNETIC ACTUATORS**
[54] **MICRORELAIS NON VOLATILS POUR SYSTEMES MECANIQUES MICROELECTRIQUES FONCTIONNANT AVEC DES DISPOSITIFS DE COMMANDE MAGNETIQUES**
[72] BISHOP, DAVID JOHN, US
[72] JIN, SUNGHO, US
[72] RAMIREZ, AINISSA G., US
[72] KIM, JUNGSANG, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-06
[43] 2001-04-15
[30] US (09/418,874) 1999-10-15

[21] **2,323,032**
[13] A1
[51] **Int.Cl. 7F23N 1/02 7F23C 5/08 7F23D 14/56**
[25] EN
[54] **METHOD AND APPARATUS FOR BACKING-UP OXY-FUEL COMBUSTION WITH AIR-FUEL COMBUSTION**
[54] **METHODE ET APPAREIL DE SECURITE POUR LA COMBUSTION A L'OXYGAZ A L'AIDE DE LA COMBUSTION D'UN MELANGE AIR-COMBUSTIBLE**
[72] D'AGOSTINI, MARK DANIEL, US
[72] PIETRANTONIO, JOSEPH MICHAEL, US
[72] LIEVRE, KEVIN ALAN, US
[72] HOKE, BRYAN CLAIR JR., US
[72] SLAVEJKOV, ALEKSANDAR GEORGI, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2000-10-11
[43] 2001-04-18
[30] US (09/420,215) 1999-10-18

[21] **2,323,118**
[13] A1
[51] **Int.Cl. 7B60N 2/26**
[25] EN
[54] **STAY IN VIEW CAR SEAT**
[54] **SIEGE D'AUTO PERMETTANT LA SURVEILLANCE**
[72] BAPST, DAVID M., US
[71] MATTEL, INC., US
[22] 2000-10-13
[43] 2001-04-21
[30] US (09/422,067) 1999-10-21

[21] **2,323,121**
[13] A1
[51] **Int.Cl. 7B66D 1/14**
[25] EN
[54] **A WINCH ASSEMBLY**
[54] **TREUIL**
[72] KING, LINDSAY ALEXANDER, AU
[71] KING, LINDSAY ALEXANDER, AU
[22] 2000-10-13
[43] 2001-04-15
[30] AU (PQ3454) 1999-10-15

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[21] **2,323,122**
[13] A1

[51] **Int.Cl. 7C23C 22/05 7C23C 22/07**
[25] EN
[54] **CHROMATE-FREE PHOSPHATE BONDING COMPOSITION**
[54] **COMPOSITION DE LIANT CONTENANT DES IONS PHOSPHATE ET EXEMPTÉ D'IONS CHROMATE**
[72] MYERS, RONALD E., US
[72] EDDINGER, KEVIN B., US
[72] HUGHES, JOHN E., US
[72] MOSSER, MARK F., US
[71] SERMATECH INTERNATIONAL, INC., US
[22] 2000-10-13
[43] 2001-04-18
[30] US (09/420,266) 1999-10-18

[21] **2,323,133**
[13] A1

[51] **Int.Cl. 7H02G 3/02**
[25] FR
[54] **ACCESSOIRE DE PASSAGE POUR GOULOTTE**
[54] **ACCESSORY FOR PASSAGE THROUGH A RACEWAY**
[72] DECORE, RAPHAEL, FR
[72] DECORE, BERTRAND, FR
[71] LEGRAND SNC, FR
[71] LEGRAND, FR
[22] 2000-10-05
[43] 2001-04-18
[30] FR (99 12 963) 1999-10-18

[21] **2,323,135**
[13] A1

[51] **Int.Cl. 7H02G 3/02**
[25] FR
[54] **SUPPORT POUR APPAREILLAGE, EN PARTICULIER POUR APPAREILLAGE ELECTRIQUE, A RAPPORTER SUR LE SOCLE D'UNE GOULOTTE**
[54] **BRACKET FOR EQUIPMENT, PARTICULARLY ELECTRICAL EQUIPMENT, ATTACHING TO THE BASE OF A WIREWAY**
[72] DECORE, BERTRAND, FR
[72] ADAM, DAMIEN, FR
[71] LEGRAND, FR
[71] LEGRAND SNC, FR
[22] 2000-10-05
[43] 2001-04-15
[30] FR (99 12 920) 1999-10-15

[21] **2,323,136**
[13] A1

[51] **Int.Cl. 7H02G 3/02**
[25] FR
[54] **ACCESSOIRE A RAPPORTER SUR UN SOCLE DE GOULOTTE DE CHEMINEMENT DE CABLES ELECTRIQUES**
[54] **ACCESSORY ATTACHING TO THE BASE OF A WIREWAY FOR ELECTRICAL CABLES**
[72] DECORE, BERTRAND, FR
[72] PIOLE, DAVID, FR
[71] LEGRAND SNC, FR
[71] LEGRAND, FR
[22] 2000-10-05
[43] 2001-04-15
[30] FR (99 12 922) 1999-10-15

[21] **2,323,138**
[13] A1

[51] **Int.Cl. 7A61K 7/075 7A61K 7/06**
[25] FR
[54] **COMPOSITIONS COSMETIQUES CONTENANT UNE EMULSION D'UN COPOLYMERE VINYL DIMETHICONE/ DIMETHICONE ET UN TENSIOACTIF CATIONIQUE ET LEURS UTILISATIONS**
[54] **COSMETIC COMPOSITIONS CONTAINING A DIMETHICONE/ VINYL DIMETHICONE COPOLYMER EMULSION AND A CATIONIC TENSIOACTIVE AND THEIR USES**
[72] DECOSTER, SANDRINE, FR
[72] DOUIN, VERONIQUE, FR
[72] BAILLY, VIRGINIE, FR
[71] L'OREAL, FR
[22] 2000-10-13
[43] 2001-04-20
[30] FR (99 13 100) 1999-10-20

[21] **2,323,185**
[13] A1

[51] **Int.Cl. 7G02B 6/36**
[25] EN
[54] **OPTICAL DEVICE HAVING AN INTEGRAL ARRAY INTERFACE**
[54] **DISPOSITIF OPTIQUE AVEC INTERFACE MATRICIELLE INTEGREE**
[72] HALEY, EDMUND JOSEPH, US
[72] PLOTTS, ALAN EDWARD, US
[71] TYCO ELECTRONICS CORPORATION, US
[22] 2000-10-13
[43] 2001-04-15
[30] US (09/419,443) 1999-10-15

[21] **2,323,186**
[13] A1

[51] **Int.Cl. 7H04M 3/54**
[25] EN
[54] **PORTABLE CALL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'APPELS PORTABLE**
[72] OSTERHOUT, GREGORY T., US
[72] HOLMES, KIM B., US
[72] SOSEBEE, MARK, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-10-13
[43] 2001-04-15
[30] US (09/419,175) 1999-10-15

[21] **2,323,189**
[13] A1

[51] **Int.Cl. 7B81B 3/00 7H01H 59/00 7H01H 47/04**
[25] EN
[54] **DUAL MOTION ELECTROSTATIC ACTUATOR DESIGN FOR MEMS MICRO-RELAY**
[54] **ACTIONNEUR ELECTROSTATIQUE A DOUBLE MOUVEMENT POUR MICRO-RELAIS DE SYSTEMES MECANIQUES MICROELECTRONIQUES**
[72] BOLLE, CRISTIAN A., US
[72] BISHOP, DAVID JOHN, US
[72] KIM, JUNGSANG, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-13
[43] 2001-04-15
[30] US (09/419,422) 1999-10-15

[21] **2,323,190**
[13] A1

[51] **Int.Cl. 7B23K 26/00 7B32B 15/01 7C23C 26/02 7C21D 1/09**
[25] EN
[54] **METHOD FOR MANUFACTURING OBJECTS OF METALLIC MATERIAL AND OBJECTS MANUFACTURED WITH THIS METHOD**
[54] **TECHNIQUE DE FABRICATION D'OBJETS METALLIQUES ET OBJETS FABRIQUES EN UTILISANT CETTE TECHNIQUE**
[72] OLOFSSON, LENNART, SE
[71] DUROC AB, SE
[22] 2000-10-11
[43] 2001-04-20
[30] SE (9903780-6) 1999-10-20

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[21] **2,323,217**
[13] A1
[51] **Int.Cl. 7B61B 11/00 7D07B 1/00 7A63C 19/00 7B61B 12/12**
[25] EN
[54] **A ROPE COMPRISING COMPLEMENTARY GRIPPING MEANS**
[54] **CORDE AVEC DISPOSITIF DE PREHENSION COMPLEMENTAIRE**
[72] BOUVIER, CHRISTIAN, FR
[71] MONTAGNER S.A., FR
[22] 2000-10-11
[43] 2001-04-15
[30] FR (99 12902) 1999-10-15

[21] **2,323,219**
[13] A1
[51] **Int.Cl. 7H05K 7/00 7H02G 3/02 7H05K 7/20**
[25] EN
[54] **A SNAP-ON WALLPLATE AND HEAT SINK ASSEMBLY**
[54] **ENSEMBLE PLAQUE MURALE ET DISSIPATEUR DE CHALEUR A FIXATION PAR PRESSION**
[72] JUSTINIANO, JOSEPH G., US
[72] ESTANISLAO, DANILO F., US
[71] LEVITON MANUFACTURING CO., INC., US
[22] 2000-10-12
[43] 2001-04-15
[30] US (09/419,725) 1999-10-15

[21] **2,323,220**
[13] A1
[51] **Int.Cl. 7H01M 10/24 7H01M 10/26**
[25] EN
[54] **LITHIUM SECONDARY BATTERY**
[54] **ACCUMULATEUR AU LITHIUM**
[72] YOSHIDA, TOSHIHIRO, JP
[72] YANG, LI, JP
[72] NEMOTO, HIROSHI, JP
[71] NGK INSULATORS, LTD., JP
[22] 2000-10-12
[43] 2001-04-19
[30] JP (11-296814) 1999-10-19

[21] **2,323,224**
[13] A1
[51] **Int.Cl. 7B30B 15/14**
[25] EN
[54] **CARRY THROUGH MONITORING**
[54] **SURVEILLANCE DE DEPLACEMENT**
[72] SCHOCH, DANIEL A., US
[71] THE MINSTER MACHINE COMPANY, US
[22] 2000-10-13
[43] 2001-04-15
[30] US (60/159,815) 1999-10-15

[21] **2,323,225**
[13] A1
[51] **Int.Cl. 7B30B 15/00 7G06F 17/00**
[25] EN
[54] **THRU-STROKE TIPPING MOMENT SEVERITY MONITORS**
[54] **DISPOSITIFS DE SURVEILLANCE DE LA FORCE DU MOMENT DE BASCULEMENT EN MOUVEMENT**
[72] SCHOCH, DANIEL A., US
[71] THE MINSTER MACHINE COMPANY, US
[22] 2000-10-12
[43] 2001-04-15
[30] US (60/159,716) 1999-10-15
[30] US (09/579,797) 2000-05-26

[21] **2,323,227**
[13] A1
[51] **Int.Cl. 7B30B 15/00 7G06F 17/00**
[25] EN
[54] **FORCE SEVERITY MONITOR**
[54] **DISPOSITIF DE SURVEILLANCE DE GRANDEUR D'UNE FORCE**
[72] SCHOCH, DANIEL A., US
[71] THE MINSTER MACHINE COMPANY, US
[22] 2000-10-12
[43] 2001-04-15
[30] US (60/159,818) 1999-10-15

[21] **2,323,227**
[13] A1
[51] **Int.Cl. 7B30B 15/00 7G06F 17/00**
[25] EN
[54] **DISPLACEMENT BASED DYNAMIC LOAD MONITOR**
[54] **APPAREIL DE MESURE DE CHARGE DYNAMIQUE BASE SUR LE DEPLACEMENT**
[72] SCHOCH, DANIEL A., US
[71] THE MINSTER MACHINE COMPANY, US
[22] 2000-10-12
[43] 2001-04-19
[30] US (60/160,170) 1999-10-19

[21] **2,323,234**
[13] A1
[51] **Int.Cl. 7G01V 3/18 7E21B 49/00 7E21B 47/12 7G01V 3/30**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING WELLBORE AND FORMATION CHARACTERISTICS UTILIZING AN ELECTRIC CIRCUIT METHOD**
[54] **METHODE ET SYSTEME DE DETERMINATION DES CARACTERISTIQUES D'UN Puits DE FORAGE ET D'UNE FORMATION AU MOYEN D'UN CIRCUIT ELECTRIQUE**
[72] LI, QIMING, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2000-10-12
[43] 2001-04-15
[30] US (60/159,728) 1999-10-15
[30] US (09/619,570) 2000-07-19

[21] **2,323,240**
[13] A1
[51] **Int.Cl. 7B65G 17/06**
[25] EN
[54] **TRANSPORT ASSEMBLY**
[54] **ENSEMBLE DE TRANSPORT**
[72] RIJKSEN, RIJK, NL
[72] DE GOOYER, GERRIT, NL
[72] SCHOLTEN, GERRIT JAN, NL
[71] EBM TECHNIEK B.V., NL
[22] 2000-10-16
[43] 2001-04-18
[30] NL (1013333) 1999-10-18

[21] **2,323,247**
[13] A1
[51] **Int.Cl. 7B30B 15/00 7G06F 17/00**
[25] EN
[54] **DISPLACEMENT BASED DYNAMIC LOAD MONITOR**
[54] **APPAREIL DE MESURE DE CHARGE DYNAMIQUE BASE SUR LE DEPLACEMENT**
[72] SCHOCH, DANIEL A., US
[71] THE MINSTER MACHINE COMPANY, US
[22] 2000-10-12
[43] 2001-04-19
[30] US (60/160,170) 1999-10-19

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[21] **2,323,259**
[13] A1

[51] **Int.Cl. 7B26B 9/02 7B23K 17/00 7A61B 17/32**
[25] EN
[54] **ATOMICALLY SHARP EDGED CUTTING BLADES AND METHODS FOR MAKING SAME**
[54] **LAMES A TRANCHANT AIGUISE A L'ECHELLE ATOMIQUE ET METHODE DE FABRICATION DE TELLES LAMES**
[72] HEWMAN, MARTIN H., US
[71] HEWMAN, MARTIN H., US
[22] 2000-10-12
[43] 2001-04-15
[30] US (60/159,678) 1999-10-15
[30] US (09/635,908) 2000-08-10

[21] **2,323,266**
[13] A1

[51] **Int.Cl. 7A61B 17/58 7A61F 2/44**
[25] EN
[54] **BONE PLATE**
[54] **PLAQUE VISSEE**
[72] HALM, HENRY, DE
[72] SCHAFER, BERND, CH
[71] SCHAFER, BERND, CH
[22] 2000-10-13
[43] 2001-04-18
[30] DE (199 50 270.6-35) 1999-10-18

[21] **2,323,270**
[13] A1

[51] **Int.Cl. 7C09D 127/18**
[25] EN
[54] **PAPER DRILL BIT**
[54] **FORET A PAPIER**
[72] KOEGLER, WILLIAM A., CA
[71] DEXTER-LAWSON MANUFACTURING INC., CA
[22] 2000-10-13
[43] 2001-04-15
[30] US (60/159,502) 1999-10-15

[21] **2,323,271**
[13] A1

[51] **Int.Cl. 7A47C 1/12**
[25] EN
[54] **DEPLOYABLE BLEACHER/CHAIR COMBINATION**
[54] **COMBINAISON GRADIN DEPLOYABLE ET CHAISES**
[72] GUILLES, MELVIN J., US
[72] AMEMIYA, MINORU, ZZ
[72] PATTERSON, RICHARD L., ZZ
[71] INTERKAL, INC., US
[22] 2000-10-13
[43] 2001-04-15
[30] US (60/159,855) 1999-10-15

[21] **2,323,272**
[13] A1

[51] **Int.Cl. 7C21B 13/00 7C21B 11/00**
[25] EN
[54] **STABLE IDLE PROCEDURE**
[54] **PROCEDURE DE SUSPENSION DE PROCEDE AVEC STABILISATION**
[72] BURKE, PETER DAMIAN, AU
[71] TECHNOLOGICAL RESOURCES PTY. LTD., AU
[22] 2000-10-13
[43] 2001-04-15
[30] AU (PQ3463) 1999-10-15

[21] **2,323,282**
[13] A1

[51] **Int.Cl. 7A21C 9/08**
[25] EN
[54] **TROUGH LIFTING MECHANISM**
[54] **MECANISME DE LEVAGE DE GOULOTTE**
[72] HAYDEN, MICHAEL WAYNE, US
[72] BOYD, DONALD GARY, US
[72] FLETCHER, JACK, US
[71] SHAFFER MANUFACTURING CORP., US
[22] 2000-10-13
[43] 2001-04-15
[30] US (09/418,789) 1999-10-15

[21] **2,323,283**
[13] A1

[51] **Int.Cl. 7H05K 7/00 7H02G 3/02**
[25] EN
[54] **A MOUNTING STRAP DEVICE**
[54] **UN DISPOSITIF DE BRIDE DE FIXATION**
[72] ESTANISLAO, DANILO F., US
[72] JUSTINIANO, JOSEPH G., US
[71] LEVITON MANUFACTURING CO., INC., US
[22] 2000-10-12
[43] 2001-04-19
[30] US (09/421,462) 1999-10-19

[21] **2,323,289**
[13] A1

[51] **Int.Cl. 7C09C 1/40 7C09D 5/00 7C08K 3/22**
[25] EN
[54] **STRUCTURED BOEHMITE PIGMENT AND METHOD FOR MAKING SAME**
[54] **PIGMENT STRUCTURE EN BOEHMITE ET METHODE POUR SA PRODUCTION**
[72] FREEMAN, GARY M., US
[72] XU, WEN-QUING, US
[71] J.M. HUBER CORPORATION, US
[22] 2000-10-13
[43] 2001-04-15
[30] US (09/419,665) 1999-10-15

[21] **2,323,291**
[13] A1

[51] **Int.Cl. 7E04H 7/22**
[25] EN
[54] **BOTTOM DISCHARGE, ROTATING RING DRIVE SILO UNLOADER AND FRAME MOUNTED DRILLING APPARATUS**
[54] **DESILEUR A DECHARGE PAR LE BAS ET A ANNEAU TOURNANT ET DISPOSITIF DE FORAGE MONTE SUR UN CHASSIS**
[72] FOES, GORDON F., US
[71] J-STAR INDUSTRIES, INC., US
[22] 2000-10-13
[43] 2001-04-15
[30] US (09/419,487) 1999-10-15

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[21] **2,323,294**
[13] A1

[51] **Int.Cl. 7B06B 1/16**
[25] EN
[54] **MOTOR BASE FOR VIBRATORY APPARATUS**
[54] **ASSISE DE MOTEUR POUR APPAREIL VIBRANT**
[72] MUSSCHOOT, PAUL, US
[72] KRAUS, RICHARD B., US
[71] GENERAL KINEMATICS CORPORATION, US
[22] 2000-10-13
[43] 2001-04-21
[30] US (09/422,317) 1999-10-21

[21] **2,323,295**
[13] A1

[51] **Int.Cl. 7C08J 7/06 7C09D 1/00**
[25] EN
[54] **SILICON DIOXIDE-COATED POLYOLEFIN RESIN AND PROCESS FOR ITS PRODUCTION**
[54] **RESINE POLYOLEFINIQUE A REVETEMENT DE DIOXYDE DE SILICIUM ET METHODE DE PRODUCTION DE CETTE RESINE**
[72] INOMATA, HIROYUKI, JP
[72] SAITO, YASUHIRO, JP
[72] SAKAI, YASUTO, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[22] 2000-10-16
[43] 2001-04-18
[30] JP (H11(99)-295815) 1999-10-18
[30] JP (2000-076885) 2000-03-17
[30] JP (2000-224760) 2000-07-26

[21] **2,323,298**
[13] A1

[51] **Int.Cl. 7B42D 15/00**
[25] EN
[54] **GEAR DRIVEN REMOIST PATTERN GLUER**
[54] **ENCOLLEUSE DE MOTIFS A DETREMPAGE ENTRAINEE PAR ENGRENAGE**
[72] VAVREK, EDWARD M., US
[71] WESTERN PRINTING MACHINERY COMPANY, US
[22] 2000-10-13
[43] 2001-04-15
[30] US (09/418,930) 1999-10-15

[21] **2,323,301**
[13] A1

[51] **Int.Cl. 7C07C 49/04 7C07C 49/203 7C07C 45/62 7C07C 45/71**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF UNSATURATED 4,5-ALLENE KETONES, 3,5-DIENE KETONES AND THE CORRESPONDING SATURATED KETONES**
[54] **PROCEDE DE PREPARATION DE CETONYLALLENES, DE 1-ACYLBUTA-1,3-DIENES ET DES CETONES SATUREES CORRESPONDANTES**
[72] PETER, RAINER, DE
[72] DRAPAL, BERND, DE
[72] WECKBECKER, CHRISTOPH, DE
[72] HUTHMACHER, KLAUS, DE
[72] HUBNER, FRANK, US
[72] KRILL, STEFFEN, DE
[72] SHI, NONGYUAN, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[22] 2000-10-13
[43] 2001-04-15
[30] DE (199 49 796.6) 1999-10-15

[21] **2,323,303**
[13] A1

[51] **Int.Cl. 7C09C 3/08 7C09D 1/00 7C09D 11/02 7C09B 47/04 7C09C 3/10 7C09B 5/48**
[25] EN
[54] **PIGMENT PREPARATIONS, A PROCESS FOR PREPARING THESE AND THEIR USE**
[54] **PREPARATIONS A BASE DE PIGMENT, UN PROCEDE POUR LES PREPARER ET LEUR UTILISATION**
[72] TAUBER, GERD, DE
[72] MATHIAS, JOHANN, DE
[72] KLEINHENZ, HORST, DE
[72] KARL, ALFONS, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[22] 2000-10-13
[43] 2001-04-16
[30] DE (199 50 043.6) 1999-10-16

[21] **2,323,305**
[13] A1

[51] **Int.Cl. 7B01J 29/70 7C07C 6/12 7C07C 15/24 7C07C 2/66**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 2,6-DIMETHYLNAPHTHALENE**
[54] **SYNTHESE DU 2,6-DIMETHYLNAPHTHALENE**
[72] BELLUSSI, GIUSEPPE, IT
[72] PAZZUCONI, GIANNINO, IT
[72] PEREGO, CARLO, IT
[71] ENICHEM S.P.A., IT
[71] ENI S.P.A., IT
[71] ENITECNOLOGIE S.P.A., IT
[22] 2000-10-16
[43] 2001-04-18
[30] IT (MI99A 002171) 1999-10-18

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

[51] **Int.Cl. 7B32B 5/18 7B32B 7/04 7E04C 2/26**
[25] EN
[54] **POLYMERIC FOAM AND SCRIM SHEATINGS**
[54] **REVETEMENTS COMPOSES DE MOUSSE ET DE TOILE TISSEE POLYMERIQUES**
[72] NORDGREN, DOUGLAS S., US
[72] LUBKER, JOHN W., II, US
[71] PACTIV CORPORATION, US
[22] 2000-10-16
[43] 2001-04-20
[30] US (09/421,031) 1999-10-20

[21] **2,323,311**
[13] A1

[51] **Int.Cl. 7C07C 403/08 7C12P 23/00 7C07F 7/10 7C07F 7/18 7C12P 7/62**
[25] EN
[54] **NEW PROCESS FOR THE PREPARATION OF RETIFEROL DERIVATIVES**
[54] **NOUVELLE SYNTHESE DE DERIVES DE RETIFEROL**
[72] WIRZ, BEAT, CH
[72] HILPERT, HANS, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2000-10-16
[43] 2001-04-18
[30] EP (99120603.8) 1999-10-18

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[21] **2,323,314**
[13] A1

[51] **Int.Cl. 7G01K 15/00 7G01S 15/00 7G01K 11/24**
[25] EN
[54] **METHOD FOR OPTIMALLY DETERMINING SENSOR POSITIONS FOR ACOUSTIC PYROMETRY**
[54] **METHODE DE DETERMINATION OPTIMALE DE POSITIONS DE CAPTEURS POUR LA PYROMETRIE ACOUSTIQUE**
[72] IH, JEONG GUON, KR
[72] PARK, CHUL MIN, KR
[71] KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, KR
[22] 2000-10-17
[43] 2001-04-21
[30] KR (1999-45742) 1999-10-21

[21] **2,323,315**
[13] A1

[51] **Int.Cl. 7C07D 405/12 7C07C 69/16 7C07F 7/18 7C07C 69/76 7C07D 311/76 7C07D 307/87**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF PIPERIDINYLAMINOMETHYL TRIFLUOROMETHYL CYCLICE ETHER COMPOUNDS**
[54] **SYNTHESE DE COMPOSES ETHER CYCLIQUES DU TYPE PIPERIDINYLAMINOETHYLTRIFLUOROMETHYLE**
[72] CARON, STEPHANE, US
[72] VAZQUEZ, ENRIQUE, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-10-16
[43] 2001-04-18
[30] US (60/160,226) 1999-10-18

[21] **2,323,317**
[13] A1

[51] **Int.Cl. 7B21J 13/08 7B30B 15/30**
[25] EN
[54] **SERVO-DRIVE FOR PRESS TRANSFER**
[54] **SERVOCOMMANDE POUR MANIPULATION DE PIECES A USINER**
[72] SOFY, HUGH, US
[72] FARHAT, DENNIS, US
[71] HMS PRODUCTS, CO., US
[22] 2000-10-12
[43] 2001-04-20
[30] US (09/421,829) 1999-10-20

[21] **2,323,319**
[13] A1

[51] **Int.Cl. 7C08K 5/134 7C08K 5/375**
[25] EN
[54] **STABILISERS FOR EMULSION CRUDE RUBBERS, SYNTHETIC LATEX AND NATURAL RUBBER LATEX**
[54] **STABILISANTS POUR CAOUTCHOUCS BRUTS EN EMULSION, LATEX DE CAOUTCHOUC SYNTHETIQUE ET LATEX DE CAOUTCHOUC NATUREL**
[72] EVANS, SAMUEL, CH
[72] MEIER, HANS-RUDOLF, CH
[72] DUBS, PAUL, CH
[72] KNOBLOCH, GERRIT, CH
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[22] 2000-10-16
[43] 2001-04-18
[30] CH (1899/99) 1999-10-18
[30] CH (1900/99) 1999-10-18

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

[51] **Int.Cl. 7H05K 9/00**
[25] EN
[54] **CONDUCTIVE COATING ON A NON-CONDUCTIVE FLEXIBLE SUBSTRATE**
[54] **SUBSTRAT FLEXIBLE NON-CONDUCTEUR A REVETEMENT CONDUCTEUR**
[72] BOTRIE, ALEXANDER, CA
[71] CHEMQUE, INC., CA
[22] 2000-10-16
[43] 2001-04-20
[30] US (09/421,559) 1999-10-20

[21] **2,323,327**
[13] A1

[51] **Int.Cl. 7H04L 9/28**
[25] EN
[54] **METHOD FOR ONE-WAY HASHING OF VALUES USING A CORRELATION PROCESSOR**
[54] **METHODE DE HACHAGE UNIDIRECTIONNEL DE VALEURS PAR PROCESSEUR DE CORRELATION**
[72] KHANINE, DMITRI, CA
[71] DIGITAL GEM CORPORATION, CA
[71] KHANINE, DMITRI, CA
[22] 2000-10-16
[43] 2001-04-18
[30] CA (2,286,534) 1999-10-18
[30] US (09/420,003) 1999-10-18

[21] **2,323,332**
[13] A1

[51] **Int.Cl. 7D21H 21/24**
[25] EN
[54] **TISSUE PAPER PRODUCTS PREPARED WITH AN ION-PAIRED SOFTENER**
[54] **PRODUITS EN PAPIER DE SOIE PREPARES AVEC UN ADOUCISSANT A PAIRE D'IONS**
[72] ORIARAN, T. PHILIPS, US
[72] WHITE, DAVID W., US
[72] AWOFOESO, ANTHONY O., US
[72] SCHROEDER, GARY L., US
[72] KOKKO, BRUCE J., US
[72] LUU, NGA THUY, US
[71] FORT JAMES CORPORATION, US
[22] 2000-10-16
[43] 2001-04-20
[30] US (09/421,542) 1999-10-20

[21] **2,323,339**
[13] A1

[51] **Int.Cl. 7E04C 5/07**
[25] EN
[54] **STRUCTURAL REINFORCEMENT MEMBER AND METHOD OF UTILIZING THE SAME TO REINFORCE A PRODUCT**
[54] **RENFORT STRUCTURAL ET TECHNIQUE D'UTILISATION DE CELUI-CI POUR RENFORCER UN PRODUIT**
[72] BROWN, GORDON L., JR., US
[71] CLARK SCHWEBEL TECH-FAB COMPANY, US
[22] 2000-10-16
[43] 2001-04-21
[30] US (09/422,701) 1999-10-21

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[21] **2,323,340**
[13] A1
[51] **Int.Cl. 7B32B 3/12 7G10K 11/162 7B32B 5/22**
[25] EN
[54] **FOAMED COMPOSITE PANEL WITH IMPROVED ACOUSTICS AND DURABILITY**
[54] **PANNEAU COMPOSITE EN MOUSSE AYANT DES PROPRIETES ACOUSTIQUES ET UNE DURABILITE AMELIOREES**
[72] FRY, WILLIAM F., US
[72] FELEGI, JOHN JR., US
[72] ADEY, ALFRED H., US
[72] HALLETT, CHESTER W., US
[72] LEWIS, ROBERT D., US
[72] NUTE, ERNEST B., JR., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 2000-10-17
[43] 2001-04-18
[30] US (60/159,987) 1999-10-18

[21] **2,323,341**
[13] A1
[51] **Int.Cl. 7B65D 25/14 7B31D 5/02 7A47G 19/03**
[25] EN
[54] **A PAPERBOARD CONTAINER HAVING ENHANCED GREASE RESISTANCE AND RIGIDITY AND A METHOD OF MAKING SAME**
[54] **CONTENANT EN CARTON PRESENTANT UNE RESISTANCE AUX GRAISSES ET UNE RIGIDITE SUPERIEURES ET METHODE DE FABRICATION DE CE GENRE DE CONTENANT**
[72] SWOBODA, DEAN P., US
[72] WILLER, ROBERT A., US
[72] HARTJES, TIMOTHY P., US
[72] SCHMELZER, MICHAEL A., US
[71] FORT JAMES CORPORATION, US
[22] 2000-10-16
[43] 2001-04-15
[30] US (09/418,851) 1999-10-15

[21] **2,323,347**
[13] A1
[51] **Int.Cl. 7G06F 7/00 7G11C 15/00 7G06F 12/02**
[25] EN
[54] **MULTIMEDIA DESCRIPTION SCHEME HAVING WEIGHT INFORMATION AND METHOD FOR DISPLAYING MULTIMEDIA**
[54] **PLAN DE DESCRIPTION MULTIMEDIA COMPRENANT DES DONNEES DE POIDS ET METHODE D’AFFICHAGE D’ELEMENTS MULTIMEDIA**
[72] SONG, JUNG MIN, KR
[72] LEE, JIN SOO, KR
[71] LG ELECTRONICS INC., KR
[22] 2000-10-16
[43] 2001-04-19
[30] KR (45202/1999) 1999-10-19

[21] **2,323,355**
[13] A1
[51] **Int.Cl. 7H01H 13/52 7H01H 13/70**
[25] EN
[54] **CONTROL APPARATUS**
[54] **APPAREIL DE COMMANDE**
[72] HART, ROY L., US
[71] EATON CORPORATION, US
[22] 2000-10-12
[43] 2001-04-21
[30] US (09/422,012) 1999-10-21

[21] **2,323,375**
[13] A1
[51] **Int.Cl. 7H04Q 7/30**
[25] EN
[54] **MULTI-CARRIER/MULTI-SECTOR CHANNEL POOLING IN A WIRELESS COMMUNICATION SYSTEM BASE STATION**
[54] **STATION DE BASE DE SYSTEME DE COMMUNICATION SANS FIL A REGROUPEMENT DE PORTEUSES ET DE SECTEURS MULTIPLES**
[72] DAJER, MIGUEL, US
[72] GARYANTES, MICHAEL FRANCIS, US
[72] RUBIN, HARVEY, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-10-12
[43] 2001-04-18
[30] US (09/420,275) 1999-10-18

[21] **2,323,379**
[13] A1
[51] **Int.Cl. 7E21B 43/116**
[25] EN
[54] **SAFETY ARMING DEVICE AND METHOD, FOR PERFORATION GUNS AND SIMILAR DEVICES**
[54] **DISPOSITIF ET METHODE D’ARMEMENT SECURITAIRE, POUR DES PERFORATEURS ET D’AUTRES DISPOSITIFS SEMBLABLES**
[72] FRAZIER, LYNN, US
[71] PRIME PERFORATING SYSTEMS LIMITED, CA
[22] 2000-10-17
[43] 2001-04-19
[30] US (60/160,379) 1999-10-19

[21] **2,323,380**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 19/00**
[25] EN
[54] **PRESS RESIDUAL LIFE MONITOR**
[54] **DISPOSITIF DE CONTROLE DE VIE RESIDUELLE DE PRESSE**
[72] SCHOCH, DANIEL A., US
[71] THE MINSTER MACHINE COMPANY, US
[22] 2000-10-12
[43] 2001-04-15
[30] US (60/159,715) 1999-10-15

[21] **2,323,383**
[13] A1
[51] **Int.Cl. 7F02B 75/22**
[25] EN
[54] **OVERHEAD CAMSHAFT V-2 ENGINE**
[54] **MOTEUR A DEUX CYLINDRES EN V A ARBRE A CAME EN TETE**
[72] OGATA, FUMIO, JP
[72] SHINODA, AKIHISA, JP
[72] SUZUKI, TAKASHI, JP
[72] YONEZAWA, MAKOTO, JP
[72] MORIYAMA, HIROSHI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-10-13
[43] 2001-04-15
[30] JP (11-294490) 1999-10-15
[30] JP (11-297481) 1999-10-19

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[21] **2,323,384**
[13] A1

[51] **Int.Cl. 7F16H 63/30**
[25] EN
[54] **TRANSMISSION GEAR SHIFT SYSTEM**
[54] **SYSTEME POUR BOITE DE VITESSE DE TRANSMISSION**
[72] KOYAMA, SHIGERU, JP
[72] EDURE, YOSHINOBU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-10-17
[43] 2001-04-18
[30] JP (11-295419) 1999-10-18

[21] **2,323,389**
[13] A1

[51] **Int.Cl. 7F04B 53/10 7F04B 49/00 7F04D 29/00 7F16K 11/065**
[25] EN
[54] **MULTISTAGE BLOWDOWN VALVE FOR A COMPRESSOR SYSTEM**
[54] **ROBINET DE PURGE A PLUSIEURS ETAGES POUR UN SYSTEME DE COMPRESSION**
[72] CENTERS, STEVEN D., US
[71] COLTEC INDUSTRIES INC., US
[22] 2000-10-17
[43] 2001-04-21
[30] US (09/422,284) 1999-10-21

[21] **2,323,402**
[13] A1

[51] **Int.Cl. 7A47L 9/24**
[25] EN
[54] **HOSE LOCK WITH INTEGRAL SEAL AND RETROFIT ADAPTER**
[54] **COLLIER POUR TUYAU A JOINT D'ETANCHEITE INCORPORE ET ADAPTEUR DE MISE A NIVEAU**
[72] YOUNG, JEFFREY L., US
[72] HOLSTEN, STUART V., US
[72] MARTIN, MICHAEL F., US
[71] EMERSON ELECTRIC CO., US
[22] 2000-10-17
[43] 2001-04-21
[30] US (09/422,480) 1999-10-21

[21] **2,323,386**
[13] A1

[51] **Int.Cl. 7F16H 57/02**
[25] EN
[54] **TRANSMISSION BREATHER SYSTEM**
[54] **CIRCUIT RENIFLARD DE TRANSMISSION**
[72] MAKINO, HIROYUKI, JP
[72] KOYAMA, SHIGERU, JP
[72] KIDOKORO, TERUHISA, JP
[72] EDURE, YOSHINOBU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-10-17
[43] 2001-04-18
[30] JP (11-295420) 1999-10-18

[21] **2,323,397**
[13] A1

[51] **Int.Cl. 7E05C 1/10**
[25] EN
[54] **A WINDOW FASTENER**
[54] **DISPOSITIF DE VERROUILLAGE DE FENETRE**
[72] WAITAI, RANA JAMES, NZ
[72] WILKES, STEVEN FRANK, GB
[71] INTERLOCK GROUP LIMITED, NZ
[22] 2000-10-17
[43] 2001-04-18
[30] NZ (500423) 1999-10-18

[21] **2,323,404**
[13] A1

[51] **Int.Cl. 7B32B 31/20**
[25] EN
[54] **SEALER APPARATUS FOR FORMING A CROSS SEAL IN PLASTIC FILM PROCESSING AND PARTICULARLY FOR BAG MAKING MACHINES**
[54] **SCELLEUSE POUR EFFECTUER UN SCELLEMENT EN CROIX DANS UN PROCEDE TRAITEMENT DE PELLICULE PLASTIQUE ET PARTICULIEREMENT POUR DES MACHINES A FABRIQUER DES SACS**
[72] CLAYBAKER, PETER J., US
[72] DRISCOLL, THOMAS D., US
[72] BLASER, GILES R., US
[71] AMPLAS, INC., US
[22] 2000-10-17
[43] 2001-04-19
[30] US (09/420,248) 1999-10-19

[21] **2,323,387**
[13] A1

[51] **Int.Cl. 7F16H 63/30**
[25] EN
[54] **TRANSMISSION GEAR SHIFT SYSTEM**
[54] **SYSTEME POUR BOITE DE VITESSE DE TRANSMISSION**
[72] KOYAMA, SHIGERU, JP
[72] EDURE, YOSHINOBU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-10-17
[43] 2001-04-18
[30] JP (11-295418) 1999-10-18

[21] **2,323,401**
[13] A1

[51] **Int.Cl. 7B29C 70/32**
[25] EN
[54] **APPARATUS AND METHOD FOR MAKING WOUND-FIBER REINFORCED ARTICLES**
[54] **APPAREIL ET TECHNIQUE DE FABRICATION D'ARTICLES RENFORCES DE FIBRES BOBINEES**
[72] REYNOLDS, HARRIS A., JR., US
[72] LUNDBERG, CHRIS A., US
[72] SHAW, JOEL D., US
[72] WALSH, THOMAS J., US
[71] HYDRIL COMPANY, US
[22] 2000-10-17
[43] 2001-04-20
[30] US (60/160,614) 1999-10-20
[30] US (UNKNOWN) 2000-09-18

[21] **2,323,405**
[13] A1

[51] **Int.Cl. 7E21B 31/07**
[25] EN
[54] **A METHOD FOR IMPROVING PERFORMANCE OF FISHING AND DRILLING JARS IN DEVIATED AND EXTENDED REACH WELL BORES**
[54] **TECHNIQUE POUR AMELIORER LES COULISSES DE REPECHAGE ET DE FORAGE DANS LES Puits DE FORAGE DEVIES ET ALLONGES**
[72] STOESZ, CARL W., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2000-10-17
[43] 2001-04-18
[30] US (60/160,345) 1999-10-18

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[21] **2,323,411**
[13] A1
[51] **Int.Cl. 7B65D 5/54 7B65D 5/355**
[25] EN
[54] **PACKAGING INCLUDING FOOD DELIVERY SYSTEM**
[54] **CONDITIONNEMENT COMPRENANT UN SYSTEME DE LIVRAISON D'ALIMENTS**
[72] MIKOL, MARK CHARLES, US
[72] BARR, CHRISTOPHER DONALD, US
[71] KRAFT FOODS, INC., US
[22] 2000-10-17
[43] 2001-04-19
[30] US (60/160,279-PROV) 1999-10-19
[30] US (09/433,038) 1999-10-25

[21] **2,323,415**
[13] A1
[51] **Int.Cl. 7B65D 5/54 7B65D 5/355**
[25] EN
[54] **SIDE-LOAD CARTON PACKAGING INCLUDING FOOD DELIVERY SYSTEM**
[54] **ENCARTONNEUSE A CHARGEMENT LATERAL COMPRENANT UN SYSTEME DE LIVRAISON D'ALIMENTS**
[72] BARR, CHRISTOPHER DONALD, US
[71] KRAFT FOODS, INC., US
[22] 2000-10-17
[43] 2001-04-19
[30] US (60/160,279-PROV) 1999-10-19
[30] US (09/433,036) 1999-10-25

[21] **2,323,423**
[13] A1
[51] **Int.Cl. 7B65D 5/54 7B65D 5/355**
[25] EN
[54] **END-LOAD CARTON PACKAGING INCLUDING FOOD DELIVERY SYSTEM**
[54] **ENCARTONNEUSE A REMPLISSAGE PAR LES EXTREMITES COMPRENANT UN SYSTEME DE LIVRAISON D'ALIMENTS**
[72] BARR, CHRISTOPHER DONALD, US
[72] MIKOL, MARK CHARLES, US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2000-10-17
[43] 2001-04-19
[30] US (60/160,279-PROV) 1999-10-19
[30] US (09/433,039) 1999-10-25
[30] US (09/661,171) 2000-09-13

[21] **2,323,534**
[13] A1
[51] **Int.Cl. 7E03D 9/052**
[25] EN
[54] **CANALISING EQUIPMENT FOR TOILET GASES WITH VERTICAL VALVE OF LIQUID RETENTION**
[54] **EQUIPEMENT DE CANALISATION DES EMANATIONS DE TOILETTE AVEC CLAPET VERTICAL POUR RETENUE DE LIQUIDE**
[72] SOARES, JOSE ALBERTO ANSALONI, BR
[71] SOARES, JOSE ALBERTO ANSALONI, BR
[22] 2000-10-13
[43] 2001-04-15
[30] BR (MU7902386-0) 1999-10-15

[21] **2,323,565**
[13] A1
[51] **Int.Cl. 7A43B 7/22**
[25] EN
[54] **INTERNAL CUSHIONED METATARSAL GUARD FOR SAFETY FOOTWEAR AND METHOD OF MAKING THE SAME**
[54] **PROTECTEUR METATARSIEU COUSSINE INTERNE POUR CHAUSSURES DE SECURITE ET TECHNIQUE DE FABRICATION DE CELUI-CI**
[72] KREBS, ROBERT J., US
[72] PHILLIPS, CHARLES E., US
[72] NIENOW, LANCE R., US
[72] KUCIREK, DAVID A., US
[72] SCHARBIUS, DAVID H., US
[72] HERBER, LINDA M., US
[72] SZULCZEWSKI, DANIEL D., US
[71] WEINBRENNER SHOE COMPANY, INC., US
[22] 2000-10-17
[43] 2001-04-18
[30] US (09/159,994) 1999-10-18

[21] **2,323,602**
[13] A1
[51] **Int.Cl. 7G01B 5/00 7G01C 9/00**
[25] EN
[54] **MULTIPURPOSE TOOL**
[54] **OUTIL MULTIFONCTIONS**
[72] MORIN, BRUNO, CA
[71] MORIN, BRUNO, CA
[22] 2000-10-13
[43] 2001-04-15
[30] US (60/159,744) 1999-10-15

[21] **2,323,644**
[13] A1
[51] **Int.Cl. 7H01R 29/00**
[25] EN
[54] **CONNECTOR HAVING SHUNTABLE AND CONFIGURABLE CONTACTS**
[54] **CONNECTEUR A CONTACTS POUVANT ~TRE CONFIGURES OU SHUNTES**
[72] PROVOST, CHRISTOPHE, FR
[72] BOIRET, GERARD, FR
[71] F.C.I. - FRAMATOME CONNECTORS INTERNATIONAL, FR
[22] 2000-10-18
[43] 2001-04-19
[30] FR (FR99/12997) 1999-10-19

[21] **2,323,647**
[13] A1
[51] **Int.Cl. 7H04H 1/00 7H04N 7/025 7H04N 7/08**
[25] EN
[54] **MASTER GUIDE TABLE FOR A DIGITAL BROADCAST PROTOCOL AND METHOD OF BROADCASTING AND RECEIVING BROADCAST SIGNALS USING THE TABLE**
[54] **TABLE DE GUIDE PRINCIPAL POUR UN PROTOCOLE DE RADIODIFFUSION NUMERIQUE ET METHODE DE RADIODIFFUSION ET DE RECEPTION DE SIGNAUX UTILISANT LA TABLE**
[72] KIM, JIN PIL, KR
[71] LG ELECTRONICS INC., KR
[22] 2000-10-18
[43] 2001-04-19
[30] KR (P1999-45327) 1999-10-19

[21] **2,323,652**
[13] A1
[51] **Int.Cl. 7H01Q 1/36 7H01Q 15/00**
[25] EN
[54] **SECTOR BEAM ANTENNA WITH SCATTERING COMPONENT**
[54] **ANTENNE A FAISCEAU EN FORME DE SECTEUR AVEC ELEMENT DIFFUSANT**
[72] OMURO, NORIHIKO, JP
[71] NEC CORPORATION, JP
[22] 2000-10-18
[43] 2001-04-19
[30] JP (11-297059) 1999-10-19

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[21] **2,323,656**
[13] A1

[51] **Int.Cl. 7H04M 3/54 7H04Q 3/64**
[25] EN
[54] **AUTOMATIC CALL DISTRIBUTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE DISTRIBUTION AUTOMATIQUE D'APPELS**
[72] UKON, SHINICHI, JP
[71] NEC CORPORATION, JP
[22] 2000-10-18
[43] 2001-04-19
[30] JP (296901/1999) 1999-10-19

[21] **2,323,659**
[13] A1

[51] **Int.Cl. 7G05F 3/02 7G01R 31/02 7H02H 9/04**
[25] EN
[54] **METHOD AND SYSTEM FOR SUPPRESSING A VOLTAGE FLUCTUATION IN A POWER SYSTEM**
[54] **METHODE ET SYSTEME DE SUPPRESSION D'UNE FLUCTUATION DE TENSION DANS UN SYSTEME D'ALIMENTATION**
[72] NORO, YASUHIRO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2000-10-18
[43] 2001-04-19
[30] JP (11-296077) 1999-10-19

[21] **2,323,672**
[13] A1

[51] **Int.Cl. 7B24B 9/14 7G02C 13/00 7B24B 13/005**
[25] EN
[54] **A METHOD AND APPARATUS FOR AUTOMATIC ATTACHMENT OF A FINISHING BLOCK TO A LENS**
[54] **TECHNIQUE ET APPAREIL DE FIXATION AUTOMATIQUE D'UN BLOC DE FINITION A UNE LENTILLE**
[72] VOKHMIN, PETER A., IL
[71] PROLASER LTD., IL
[22] 2000-10-17
[43] 2001-04-18
[30] IL (132436) 1999-10-18

[21] **2,323,675**
[13] A1

[51] **Int.Cl. 7G01N 21/61 7G08B 17/10**
[25] EN
[54] **CLOSED CELL GAS DETECTOR**
[54] **DETECTEUR DE GAZ A CELLULE**
[72] CHOW, VINCENT Y., US
[71] PITTSWAY CORPORATION, US
[22] 2000-10-17
[43] 2001-04-21
[30] US (09/422,681) 1999-10-21

[21] **2,323,685**
[13] A1

[51] **Int.Cl. 7G06T 7/00 7G06F 17/00 7G06N 3/02 7G06F 15/18 7G06T 1/40**
[25] EN
[54] **AUTOINTERPRETATION OF MEDICAL DIAGNOSTIC TESTS VIA TELEMEDICINE**
[54] **AUTOINTERPRETATION DES TESTS DE DIAGNOSTIC MEDICAL PAR TELEMEDECINE**
[72] WROBLEWSKI, DARIUSZ, ZZ
[72] BRAEUNING, JOHANNES, ZZ
[72] MASSENGILL, R. KEMP, US
[72] MCCLURE, RICHARD J., US
[71] WROBLEWSKI, DARIUSZ, ZZ
[71] BRAEUNING, JOHANNES, ZZ
[71] MEDNOVUS, INC., US
[22] 2000-10-17
[43] 2001-04-18
[30] US (60/160,059) 1999-10-18
[30] US (09/457,283) 1999-12-08

[21] **2,323,702**
[13] A1

[51] **Int.Cl. 7B41J 2/14 7B41J 2/16**
[25] EN
[54] **INK JET PRINTING HEAD, NOZZLE PLATE, AND MANUFACTURING METHOD THEREOF**
[54] **TETE D'IMPRESSION PAR JET D'ENCRE, PLAQUE A BUSE ET METHODE DE FABRICATION**
[72] SATOU, SIN, JP
[71] NEC CORPORATION, JP
[22] 2000-10-18
[43] 2001-04-19
[30] JP (11-297015) 1999-10-19

[21] **2,323,705**
[13] A1

[51] **Int.Cl. 7H02G 3/02**
[25] FR
[54] **AGRAFE DE RETENUE POUR GOULOTTE, NOTAMMENT POUR APPAREILLAGES ELECTRIQUES**
[54] **FASTENER FOR RACEWAY, PARTICULARLY FOR ELECTRICAL EQUIPMENT**
[72] DECORE, BERTRAND, FR
[72] DECORE, RAPHAEL, FR
[71] LEGRAND SNC, FR
[71] LEGRAND, FR
[22] 2000-10-13
[43] 2001-04-18
[30] FR (99 12 965) 1999-10-18

[21] **2,323,707**
[13] A1

[51] **Int.Cl. 7C07D 409/06 7A61P 7/02 7C07D 405/06 7C07D 405/14 7C07D 409/14 7A61K 31/4433 7A61K 31/4436 7A61K 31/4709**
[25] FR
[54] **NOUVEAUX DERIVES BENZOTHIOPHENIQUES, BENZOFURANIQUES ET INDOLIQUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **NEW SUBSTANCES DERIVED FROM BENZOTHIOPHENES, BENZOFURANS AND INDOLICS, PROCESSES FOR PREPARING THEM AND PHARMACEUTICAL COMPOUNDS CONTAINING THEM**
[72] RUPIN, ALAIN, FR
[72] VERBEUREN, TONY, FR
[72] LILA, CHRISTINE, FR
[72] DE NANTEUIL, GUILLAUME, FR
[71] ADIR ET COMPAGNIE, FR
[22] 2000-10-13
[43] 2001-04-15
[30] FR (99.12899) 1999-10-15

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[21] **2,323,719**
[13] A1
[51] **Int.Cl. 7C12M 3/00 7C12N 5/00
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[25] EN
[54] **STRUCTURED SURFACES WITH
PROPERTIES WHICH INHIBIT CELL
ADHESION AND CELL
PROLIFERATION**
[54] **SURFACES STRUCTUREES DONT
LES PROPRIETES PERMETTENT
D'INHIBER L'ADHERENCE ET LA
PROLIFERATION DES CELLULES**
[72] HOMMES, PETER, DE
[72] SCHLEICH, BERNHARD, DE
[72] OLES, MARKUS, DE
[71] CREA VIS GESELLSCHAFT FUR
TECHNOLOGIE UND INNOVATION
MBH, DE
[22] 2000-10-18
[43] 2001-04-20
[30] DE (199 50 452.0) 1999-10-20

[21] **2,323,720**
[13] A1
[51] **Int.Cl. 7C07D 471/14 7A61P 25/00
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497 7A61K 31/5365 7A61K 31/5377
7A61K 31/55 7A61K 31/553**
[25] FR
[54] **NOUVEAUX DERIVES
POLYCYCLIQUES AZAINDIOLIQUES,
LEUR PROCEDE DE PREPARATION
ET LES COMPOSITIONS
PHARMACEUTIQUES QUI LES
CONTIENNENT**
[54] **NEW SUBSTANCES DERIVED
FROM AZA-INDOLIC POLYCYCLICS,
PROCESSES FOR PREPARING THEM
AND PHARMACEUTICAL
COMPOUNDS CONTAINING THEM**
[72] DELAGRANGE, PHILIPPE, FR
[72] RENARD, PIERRE, FR
[72] BENNEJEAN, CAROLINE, FR
[72] VAN DE POEL, HERVE, FR
[72] VIAUD, MARIE-CLAUDE, FR
[72] GUILLAUMET, GERALD, FR
[71] ADIR ET COMPAGNIE, FR
[22] 2000-10-13
[43] 2001-04-15
[30] FR (99.12900) 1999-10-15

[21] **2,323,721**
[13] A1
[51] **Int.Cl. 7B01D 53/22 7H01M 8/06**
[25] EN
[54] **HYDROGEN SEPARATOR**
[54] **SEPARATEUR D'HYDROGENE**
[72] SINGH, PRABHAKAR, US
[72] IJAZ, MUJEEB, US
[71] FORD GLOBAL TECHNOLOGIES,
INC., US
[22] 2000-10-18
[43] 2001-04-19
[30] US (09/420,468) 1999-10-19

[21] **2,323,728**
[13] A1
[51] **Int.Cl. 7C01B 3/32**
[25] EN
[54] **AUTO-OXIDATION AND
INTERNAL HEATING TYPE
REFORMING METHOD AND
APPARATUS FOR HYDROGEN
PRODUCTION**
[54] **METHODE DE REFORMAGE PAR
AUTO-OXYDATION ET CHAUFFAGE
INTERNE ET APPAREIL DE
PRODUCTION D'HYDROGENE**
[72] MARUKO, SABURO, JP
[71] NIPPON CHEMICAL PLANT
CONSULTANT CO., LTD., JP
[22] 2000-10-18
[43] 2001-04-20
[30] JP (P11-297945) 1999-10-20
[30] JP (P2000-58483) 2000-03-03

[21] **2,323,735**
[13] A1
[51] **Int.Cl. 7C08K 5/5415 7C08L 69/00**
[25] EN
[54] **FLAME-RESISTANT
THERMOPLASTIC RESIN
COMPOSITION**
[54] **COMPOSITION DE RESINE
THERMOPLASTIQUE IGNIFUGE**
[72] MORITA, YOSHITSUGU, JP
[72] FURUKAWA, HARUHIKO, JP
[72] HATANAKA, HIDEKATSU, JP
[72] SHIROMOTO, KOJI, JP
[72] UEKI, HIROSHI, JP
[71] DOW CORNING TORAY SILICONE
COMPANY, LTD., JP
[22] 2000-10-18
[43] 2001-04-21
[30] JP (11-299242) 1999-10-21

[21] **2,323,755**
[13] A1
[51] **Int.Cl. 7B30B 15/14**
[25] EN
[54] **DYNAMIC DIE PENETRATION
MONITOR**
[54] **APPAREIL DE MESURE DE
PENETRATION DE MATRICE
DYNAMIQUE**
[72] SCHOCH, DANIEL A., US
[71] THE MINSTER MACHINE
COMPANY, US
[22] 2000-10-19
[43] 2001-04-19
[30] US (60/160,218) 1999-10-19

[21] **2,323,778**
[13] A1
[51] **Int.Cl. 7B31F 1/24**
[25] EN
[54] **WOVEN ENDLESS AND
NEEDLEPUNCHED CORRUGATOR
SINGLE FACER BELT**
[54] **COURROIE SANS FIN ET
AIGUILLETEE POUR ONDULEUSE A
CARTON SIMPLE FACE**
[72] BILLINGS, ALAN L., US
[72] LANTIEGNE, BERNARD, US
[71] ALBANY INTERNATIONAL CORP.,
US
[22] 2000-10-19
[43] 2001-04-20
[30] US (09/421,741) 1999-10-20

[21] **2,323,780**
[13] A1
[51] **Int.Cl. 7C11D 3/37 7C11D 1/40
7C11D 1/835 7C11D 1/94**
[25] EN
[54] **DISHWASHING COMPOSITION
PORTION**
[54] **ELEMENT DE COMPOSITION
POUR LAVE-VAISSELLE**
[72] GIESEN, BRIGITTE, DE
[72] NITSCHKE, GABRIELE, DE
[72] ZAIKA, DAGMAR, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE
[22] 2000-10-19
[43] 2001-04-21
[30] DE (199 50 925.5) 1999-10-21

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[21] **2,323,814**
[13] A1

[51] **Int.Cl. 7D04D 7/10**
[25] EN
[54] **PROTECTIVE DEVICE FOR DECORATIVE BOWS ON GIFT-WRAPPED PACKAGES**
[54] **DISPOSITIF DE PROTECTION POUR NOEUDS DE RUBAN DECORATIFS SUR LES EMBALLAGES CADEAUX**
[72] ROYAL, MARY ANNE, US
[71] ROYAL, MARY ANNE, US
[22] 2000-10-18
[43] 2001-04-19
[30] US (09/420,878) 1999-10-19

[21] **2,323,816**
[13] A1

[51] **Int.Cl. 7A01K 13/00 7B68C 5/00**
[25] EN
[54] **ANIMAL COVER**
[54] **COUVERTURE POUR ANIMAL**
[72] BROWN, DAVID WILSON, NZ
[71] BROWN, DAVID WILSON, NZ
[22] 2000-10-18
[43] 2001-04-18
[30] AU (500401) 1999-10-18

[21] **2,323,822**
[13] A1

[51] **Int.Cl. 7C08L 83/07**
[25] EN
[54] **LIQUID SILICONE RUBBER COMPOSITION AND METHOD FOR MANUFACTURE AND METHOD FOR MANUFACTURING FOAMED SILICONE RUBBER**
[54] **COMPOSITION LIQUIDE DE CAOUTCHOUC DE SILICONE, METHODE DE FABRICATION DE CETTE COMPOSITION ET METHODE DE FABRICATION D'UNE MOUSSE DE CAOUTCHOUC DE SILICONE**
[72] TSUJI, YUICHI, JP
[71] DOW CORNING TORAY SILICONE CO., LTD., JP
[22] 2000-10-19
[43] 2001-04-20
[30] JP (11-298514) 1999-10-20

[21] **2,323,827**
[13] A1

[51] **Int.Cl. 7C08K 3/04 7H01M 8/10 7H01M 2/16 7B29C 70/62**
[25] EN
[54] **CARBONACEOUS COMPOSITE MATERIAL, PROCESS FOR PRODUCTION THEREOF, FUEL CELL SEPARATOR AND POLYMER ELECTROLYTE FUEL CELL**
[54] **MATERIAU COMPOSITE CARBONE, METHODE DE PRODUCTION DUDIT MATERIAU, SEPARATEUR DE PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE A ELECTROLYTE POLYMERIQUE**
[72] MIYAZAWA, ATSUSHI, JP
[72] MAKI, TAKASHI, JP
[72] HAGIWARA, ATSUSHI, JP
[72] SAITO, KAZUO, JP
[71] NISSHINBO INDUSTRIES INC., JP
[22] 2000-10-19
[43] 2001-04-20
[30] JP (11-298204) 1999-10-20

[21] **2,323,835**
[13] A1

[51] **Int.Cl. 7H01M 2/14 7H01M 8/24**
[25] EN
[54] **FUEL CELL SEPARATOR AND FUEL CELL OF SOLID POLYMER TYPE**
[54] **SEPARATEUR DE PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE A ELECTROLYTE POLYMERIQUE SOLIDE**
[72] HORIUCHI, AYUMI, JP
[72] SAITO, KAZUO, JP
[72] HAGIWARA, ATSUSHI, JP
[71] NISSHINBO INDUSTRIES INC., JP
[22] 2000-10-19
[43] 2001-04-20
[30] JP (11-298203) 1999-10-20

[21] **2,323,839**
[13] A1

[51] **Int.Cl. 7A61K 31/519 7A61P 3/10**
[25] EN
[54] **TREATMENT OF NEUROPATHY**
[54] **TRAITEMENT DE NEUROPATHIE**
[72] GROSSMAN, ERIC BEN, US
[72] LEICHTER, STEVEN B., US
[72] KOPPIKER, NANDAN PARMANAND, GB
[71] PFIZER INC., US
[22] 2000-10-19
[43] 2001-04-21
[30] GB (9924958.3) 1999-10-21
[30] GB (0021520.2) 2000-09-01

[21] **2,323,841**
[13] A1

[51] **Int.Cl. 7C07F 7/18 7C07F 7/08 7C08K 5/548**
[25] EN
[54] **AN ORGANOSILICON COMPOUND, A PROCESS FOR ITS PREPARATION AND ITS USE**
[54] **UN COMPOSE ORGANOSILICIE, UN PROCEDE POUR SA PREPARATION ET SON UTILISATION**
[72] MUNZENBERG, JORG, DE
[72] ZEULKA, GERD RAINHARD, DE
[72] LUGNSLAND, HANS-DETLEF, DE
[72] BATZ-SOHN, CHRISTOPH, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
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[43] 2001-04-21
[30] DE (199 50 608.6) 1999-10-21

[21] **2,323,845**
[13] A1

[51] **Int.Cl. 7E21D 20/00**
[25] EN
[54] **TURRET ROCK BOLTER WITH STINGER/CENTRALIZER**
[54] **BOULONNEUR DE TOURELLE AVEC GUIDE/CENTREUR**
[72] COOMBS, PERRY L., US
[72] BIGONEY, PAUL R., US
[72] MORRISON, WARD D., US
[71] OLDENBURG CANNON, INC., US
[22] 2000-10-19
[43] 2001-04-21
[30] US (60/160,670) 1999-10-21
[30] US (UNKNOWN) 2000-10-18

[21] **2,323,853**
[13] A1

[51] **Int.Cl. 7H05K 9/00 7B29C 45/03**
[25] EN
[54] **COMPARTMENTALIZED MOLDED SHIELDING HOUSINGS**
[54] **BOITIERS DE BLINDAGE A COMPARTIMENTS MOULES**
[72] BURTON, PAUL, US
[71] NATIONAL-STANDARD COMPANY, US
[22] 2000-10-20
[43] 2001-04-21
[30] US (09/425,161) 1999-10-21

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[13] A1
[51] **Int.Cl. 7B27C 5/10 7B28D 1/18**
[25] EN
[54] **ROUTER TEMPLATE**
[54] **GABARIT POUR TOUPIE**
[72] MARTIN, MICHAEL D., US
[72] MOREL, CHARLES S., US
[72] COON, RICHARD A., US
[71] PASS & SEYMOUR, INC., US
[22] 2000-10-20
[43] 2001-04-20
[30] US (09/421,743) 1999-10-20

[21] **2,323,892**
[13] A1
[51] **Int.Cl. 7H04L 12/42**
[25] EN
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[54] **FOURNITURE DE TRAJET DANS DES RESEAUX EN ANNEAU**
[72] SIU, ERNEST Y. B., CA
[72] GROVER, WAYNE D., CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-10-19
[43] 2001-04-19
[30] CA (2,286,962) 1999-10-19

[21] **2,323,919**
[13] A1
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[25] EN
[54] **ATMOSPHERE CONTROL FOR PERISHABLE PRODUCE**
[54] **SYSTEME DE REGULATION DE L'ATMOSPHERE POUR DENREES PERISSABLES**
[72] DENG, SHUGUANG, US
[72] LEMCOFF, NORBERTO, US
[72] GARRETT, MICHAEL ERNEST, US
[72] WHITEMAN, RALPH JOHN, US
[72] HEYWOOD, MICHAEL JOHN, US
[71] THE BOC GROUP PLC, GB
[22] 2000-10-18
[43] 2001-04-20
[30] GB (9924866.8) 1999-10-20

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[13] A1
[51] **Int.Cl. 7B66D 1/36 7D07B 1/02**
[25] EN
[54] **ROPE DEFLECTION AND SUITABLE SYNTHETIC FIBER-ROPE AND THEIR USE**
[54] **DEVIDOIR DE CORDE ET CORDE APPROPRIEE EN FIBRES SYNTHETIQUES AINSI QUE LEUR UTILISATION**
[72] DE ANGELIS, CLAUDIO, CH
[71] INVENTIO AG, CH
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[21] **2,323,935**
[13] A1
[51] **Int.Cl. 7G02B 1/08**
[25] FR
[54] **VERRE COMPOSITE DE PROTECTION DE LA VUE**
[54] **COMPOSITE LENS FOR VISION PROTECTION**
[72] HATCHIGUIAN, JOSEPH, FR
[71] SPOROPTIC POUILLOUX S.A., FR
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[43] 2001-04-21
[30] FR (99 13151) 1999-10-21

[21] **2,323,940**
[13] A1
[51] **Int.Cl. 7G03B 15/00 7G03B 41/00**
[25] FR
[54] **SYSTEME DE DECLENCHEMENT SEQUENTIEL D'APPAREILS PHOTOGRAPHIQUES ET EQUIPEMENT DE PRISE DE VUES EQUIPE D'UN TEL SYSTEME**
[54] **SYSTEM OF SEQUENTIAL RELEASE OF STILL CAMERAS AND PHOTOGRAPHY EQUIPMENT EQUIPPED WITH SUCH A SYSTEM**
[72] TOINEAU, MICHEL, FR
[72] O'CONNOLY, PATRICK, FR
[71] AEROSPATIALE MATRA MISSILES, FR
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[43] 2001-04-20
[30] FR (99 13076) 1999-10-20

[21] **2,323,945**
[13] A1
[51] **Int.Cl. 7A61K 7/06 7A61K 7/48**
[25] FR
[54] **COMPOSITIONS COSMETIQUES CONTENANT UN COPOLYMERE VINYL DIMETHICONE/ DIMETHICONE ET UN AGENT CONDITIONNEUR ET LEURS UTILISATIONS**
[54] **COSMETIC COMPOSITIONS CONTAINING A DIMETHICONE/ VINYL DIMETHICONE COPOLYMER AND A CONDITIONING AGENT AND THEIR USES**
[72] DECOSTER, SANDRINE, FR
[72] BAILLY, VIRGINIE, FR
[72] DOUIN, VERONIQUE, FR
[71] L'OREAL, FR
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[43] 2001-04-20
[30] FR (99 13 097) 1999-10-20

[21] **2,323,946**
[13] A1
[51] **Int.Cl. 7A61K 7/06 7A61K 7/48**
[25] FR
[54] **COMPOSITIONS COSMETIQUES CONTENANT UN COPOLYMERE VINYL DIMETHICONE/ DIMETHICONE EN EMULSION AQUEUSE ET UN EPAISSISSANT ASSOCIATIF ET LEURS UTILISATIONS**
[54] **COSMETIC COMPOSITIONS CONTAINING A DIMETHICONE/ VINYL DIMETHICONE COPOLYMER IN AQUEOUS EMULSION AND AN ASSOCIATIVE THICKENER AND THEIR USES**
[72] BAILLY, VIRGINIE, FR
[72] DECOSTER, SANDRINE, FR
[72] DOUIN, VERONIQUE, FR
[71] L'OREAL, FR
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[30] FR (99 13 101) 1999-10-20

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[25] EN
[54] **MOWING IMPLEMENT**
[54] **ARTICLE DE FAUCHAGE**
[72] FRANET, ROGER, FR
[72] SMITH, LARRY NEIL, US
[72] MENTZER, MATTHEW JAY, FR
[72] BOUCHER, JEAN FRANCOIS, FR
[71] DEERE & COMPANY, US
[22] 2000-10-19
[43] 2001-04-21
[30] DE (199 50 748.1) 1999-10-21

[21] **2,323,951**
[13] A1

[51] **Int.Cl. 7A61K 7/06 7A61K 7/48**
[25] FR
[54] **COMPOSITIONS COSMETIQUES**
CONTENANT UN COPOLYMERE
VINYL DIMETHICONE/
DIMETHICONE ET UNE SILICONE ET
LEURS UTILISATIONS
[54] **COSMETIC COMPOSITIONS**
CONTAINING A DIMETHICONE/
VINYL DIMETHICONE COPOLYMER
EMULSION AND A SILICONE AND
THEIR USES
[72] DOUIN, VERONIQUE, FR
[72] DECOSTER, SANDRINE, FR
[72] BAILLY, VIRGINIE, FR
[71] L'OREAL, FR
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[43] 2001-04-20
[30] FR (99 13 096) 1999-10-20

[21] **2,323,954**
[13] A1

[51] **Int.Cl. 7G01N 31/22 7G01N 21/29**
7G01N 21/80
[25] EN
[54] **TEST STRIP AND METHOD FOR**
DETECTION OF HIGH LEVELS OF
CHLORIDE FOR SWIMMING POOLS
AND SPAS
[54] **BANDELETTE REACTIVE ET**
METHODE DE DETECTION DE
CONCENTRATIONS ELEVEES DE
CHLORURE DANS LES PISCINES ET
LES SPAS
[72] KREISER, LIESE, US
[72] FERNANDO, S. RUPASIRI
LAKSHMAN, US
[71] ENVIRONMENTAL TEST SYSTEMS,
INC., US
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[43] 2001-04-20
[30] US (09/420,995) 1999-10-20

[21] **2,323,974**
[13] A1

[51] **Int.Cl. 7A24D 1/00**
[25] EN
[54] **REDUCED BASIS WEIGHT**
CIGARETTE PAPER
[54] **PAPIER A CIGARETTES A**
GRAMMAGE REDUIT
[72] HAMPL, VLADIMIR JR., US
[71] SCHWEITZER-MAUDUIT
INTERNATIONAL, INC., US
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[43] 2001-04-19
[30] US (09/420,698) 1999-10-19

[21] **2,323,981**
[13] A1

[51] **Int.Cl. 7B30B 15/14**
[25] EN
[54] **METHOD AND SYSTEM FOR**
MONITORING PEAK COMPRESSIVE
AND TENSILE PROCESS SEVERITY
LEVELS OF A PRESS MACHINE USING
ACCELERATION DATA
[54] **METHODE ET SYSTEME**
PERMETTANT DE SURVEILLER LES
NIVEAUX DE POINTE DES
PROCESSUS DE COMPRESSION ET DE
TENSION D'UNE PRESSE A L'AIDE DE
DONNEES D'ACCELERATION
[72] SCHOCH, DANIEL A., US
[71] THE MINSTER MACHINE
COMPANY, US
[22] 2000-10-19
[43] 2001-04-19
[30] US (60/160,383) 1999-10-19

[21] **2,323,987**
[13] A1

[51] **Int.Cl. 7B63H 21/38**
[25] EN
[54] **WATERCRAFT HAVING A**
CLOSED COOLANT CIRCULATING
SYSTEM WITH A HEAT EXCHANGER
THAT CONSTITUTES AN EXTERIOR
SURFACE OF THE HULL
[54] **VEHICULE MARIN**
COMPORTANT UN SYSTEME DE
REFROIDISSEMENT FERME AVEC UN
ECHANGEUR DE CHALEUR
CONSTITUANT UNE SURFACE
EXTERNE DE LA COQUE
[72] MENARD, ERIC, CA
[72] LEFRANCOIS, GILBERT, CA
[72] BOURRET, MICHEL, CA
[71] BOMBARDIER INC., CA
[22] 2000-10-20
[43] 2001-04-21
[30] US (60/160,819) 1999-10-21
[30] US (UNKNOWN) 2000-10-19

[21] **2,323,990**
[13] A1

[51] **Int.Cl. 7A01D 34/62**
[25] EN
[54] **CUTTING DEVICE OF AN**
AGRICULTURAL HARVESTING
MACHINE
[54] **BARRE DE COUPE D'UNE**
MOISSONNEUSE
[72] REPELLIN, JEROME, FR
[72] SIMON, JEROME, FR
[72] UROS, RAYMOND, FR
[72] CHABASSIER, AURELIEN, FR
[71] DEERE & COMPANY, US
[22] 2000-10-20
[43] 2001-04-21
[30] DE (199 50 750.3) 1999-10-21

[21] **2,323,991**
[13] A1

[51] **Int.Cl. 7D21F 5/00**
[25] EN
[54] **STEAM BOX OF A PAPER**
MACHINE
[54] **PRECHAUFFEUR A VAPEUR**
D'UNE MACHINE A PAPIER
[72] PELLINEN, KARI, FI
[71] NELES PAPER AUTOMATION OY, FI
[22] 2000-10-20
[43] 2001-04-21
[30] FI (19992284) 1999-10-21

[21] **2,323,994**
[13] A1

[51] **Int.Cl. 7E01C 17/00**
[25] EN
[54] **AIRPORT IN-PAVEMENT**
LIGHTING FIXTURE
[54] **DISPOSITIF D'ECLAIRAGE**
ENCASTRE D'AEROPORT
[72] SHEA, KURT, US
[72] GONGOLA, PAUL, US
[72] DUBOIS, TODD, US
[72] RAMPELLI, THOMAS, US
[71] COOPER INDUSTRIES, INC., US
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[43] 2001-04-21
[30] US (09/422,235) 1999-10-21

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[13] A1
[51] **Int.Cl. 7B60P 1/28**
[25] EN
[54] **APPARATUS AND METHOD FOR SPREADING MATERIAL**
[54] **APPAREIL ET TECHNIQUE D'EPANDAGE**
[72] SMITH, FRANCIS V., US
[71] SMITH, FRANCIS V., US
[22] 2000-10-20
[43] 2001-04-21
[30] US (60/160,763) 1999-10-21

[21] **2,324,030**
[13] A1
[51] **Int.Cl. 7B60T 7/08**
[25] EN
[54] **PARKING BRAKE ASSEMBLY HAVING QUIET APPLY**
[54] **FREIN DE STATIONNEMENT A SERRAGE SILENCIEUX**
[72] DJORDJEVIC, NEBOJSA, CA
[71] ATOMA INTERNATIONAL CORP., CA
[22] 2000-10-19
[43] 2001-04-21
[30] US (60/160,857) 1999-10-21

[21] **2,324,034**
[13] A1
[51] **Int.Cl. 7A61K 7/50 7A61K 7/06 7A61K 7/075**
[25] FR
[54] **COMPOSITIONS COSMETIQUES CONTENANT UN COPOLYMERE VINYL DIMETHICONE/ DIMETHICONE EN EMULSION AQUEUSE ET UN EPAISSISSANT ET LEURS UTILISATIONS**
[54] **COSMETIC COMPOSITIONS CONTAINING A DIMETHICONE/ VINYL DIMETHICONE COPOLYMER EMULSION AND IN AQUEOUS EMULSION AND A THICKENER AND THEIR USES**
[72] DECOSTER, SANDRINE, FR
[72] DOUIN, VERONIQUE, FR
[72] BAILLY, VIRGINIE, FR
[71] L'OREAL, FR
[22] 2000-10-19
[43] 2001-04-20
[30] FR (99 13 099) 1999-10-20

[21] **2,324,035**
[13] A1
[51] **Int.Cl. 7E05B 15/04**
[25] EN
[54] **A SPRING DEVICE**
[54] **DISPOSITIF A RESSORT**
[72] WAITAI, RANA JAMES, NZ
[72] WILKES, STEVEN FRANK, NZ
[71] INTERLOCK GROUP LIMITED, NZ
[22] 2000-10-19
[43] 2001-04-21
[30] NZ (500459) 1999-10-21

[21] **2,324,036**
[13] A1
[51] **Int.Cl. 7A61K 7/06 7A61K 7/075 7A61K 7/40 7A61K 7/48 7A61K 7/50**
[25] FR
[54] **COMPOSITIONS COSMETIQUES CONTENANT UN COPOLYMERE VINYL DIMETHICONE/ DIMETHICONE ET UN POLYMERE UTILISATIONS**
[54] **COSMETIC COMPOSITIONS CONTAINING A DIMETHICONE/ VINYL DIMETHICONE COPOLYMER AND A CATIONIC POLYMER AND THEIR USES**
[72] DECOSTER, SANDRINE, FR
[72] DOUIN, VERONIQUE, FR
[72] BAILLY, VIRGINIE, FR
[71] L'OREAL, FR
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[43] 2001-04-20
[30] FR (99 13 098) 1999-10-20

[21] **2,324,046**
[13] A1
[51] **Int.Cl. 7G08B 21/16 7G08B 17/10**
[25] EN
[54] **SAFETY APPARATUS**
[54] **APPAREILLAGE DE SECURITE**
[72] LEWIS, GARY, GB
[71] LEWIS, GARY, GB
[22] 2000-10-20
[43] 2001-04-20
[30] GB (9924696.9) 1999-10-20

[21] **2,324,049**
[13] A1
[51] **Int.Cl. 7H01R 13/24 7H01R 13/193**
[25] EN
[54] **A CONTACT DISC FOR CONDUCTING PLATES OF BUSBARS**
[54] **DISQUE DE CONTACT POUR PLAQUES CONDUCTRICES DE BARRES OMNIBUS**
[72] GUYON, PHILIPPE, FR
[72] BISSON, DIDIER, FR
[72] PERNOT, CHRISTIAN, FR
[71] F.C.I. - FRAMATOME CONNECTORS INTERNATIONAL, FR
[22] 2000-10-20
[43] 2001-04-21
[30] FR (FR99/13320) 1999-10-21

[21] **2,324,052**
[13] A1
[51] **Int.Cl. 7F25J 3/04**
[25] EN
[54] **PROCESS AND DEVICE FOR THE LOW-TEMPERATURE FRACTIONATION OF AIR**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION DE L'AIR A BASSE TEMPERATURE**
[72] POMPL, GERHARD, DE
[71] POMPL, GERHARD, DE
[22] 2000-10-20
[43] 2001-04-20
[30] DE (199 50 570.5) 1999-10-20

[21] **2,324,055**
[13] A1
[51] **Int.Cl. 7G01R 31/28**
[25] FR
[54] **PROCEDE DE TEST DE COMPOSANTS ELECTRONIQUES**
[54] **ELECTRONIC COMPONENT TESTING PROCESS**
[72] LEJEUNE, PHILIPPE, FR
[71] SOFTLINK, FR
[22] 2000-10-20
[43] 2001-04-21
[30] FR (FR 99 13396) 1999-10-21

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[13] A1

[51] **Int.Cl. 7G01C 15/00 7G01S 5/14**
[25] EN
[54] **SYSTEM AND METHOD OF LAND MARKING**
[54] **SYSTEME ET METHODE D'IMPLANTATION DE REPERES**
[72] BROUWER, FRANS P., CA
[71] GEOID EXPLORATION LTD., CA
[22] 2000-10-23
[43] 2001-04-21
[30] CA (2,287,033) 1999-10-21

[21] **2,324,069**
[13] A1

[51] **Int.Cl. 7G01C 15/00 7G01C 15/02 7G01S 5/14**
[25] EN
[54] **LAND MARKING DEVICE**
[54] **DISPOSITIF D'IMPLANTATION DE REPERES**
[72] BROUWER, FRANS P., CA
[71] GEOID EXPLORATION LTD., CA
[22] 2000-10-23
[43] 2001-04-21
[30] CA (2,287,033) 1999-10-21

[21] **2,324,070**
[13] A1

[51] **Int.Cl. 7C11D 17/02 7C11D 1/14 7C11D 1/22 7C11D 1/72 7C11D 1/83**
[25] EN
[54] **DETERGENT TABLETS WITH IMPROVED ABRASION RESISTANCE**
[54] **PASTILLES DE DETERGENT AYANT UNE MEILLEURE RESISTANCE A L'ABRASION**
[72] STURM, MARIO, DE
[72] KRUSE, HANS-FRIEDRICH, DE
[72] BURG, BIRGIT, DE
[72] LIETZMANN, ANDREAS, DE
[72] SEMRAU, MARKUS, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
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[43] 2001-04-21
[30] DE (199 50 765.1) 1999-10-21

[21] **2,328,096**
[13] A1

[51] **Int.Cl. 7E01F 5/00 7E01D 4/00 7E01D 18/00 7E03F 3/00 7E21D 9/14 7E04D 3/24 7E04B 1/32**
[25] EN
[54] **ENVIRONMENTALLY COMPATIBLE ARCHWAY FOR ROAD BUILDING**
[54] **ARCHE COMPATIBLE AVEC L'ENVIRONNEMENT POUR LA CONSTRUCTION DE ROUTES**
[72] NYBO, BARRY C., CA
[72] SEMOTIUK, ROBERT A., CA
[71] NYBO, BARRY C., CA
[71] SEMOTIUK, ROBERT A., CA
[22] 2000-12-13
[43] 2001-04-21

[21] **2,331,930**
[13] A1

[51] **Int.Cl. 7B62B 13/18 7A63C 5/00**
[25] FR
[54] **PATIN DE REMPLACEMENT POUR TROTINETTE (SCOOTER)**
[54] **REPLACEMENT SKATE BLADE FOR SCOOTER**
[72] ROY, MARCEL, CA
[72] DESJARDINS, YVON, CA
[71] ROY, MARCEL, CA
[71] DESJARDINS, YVON, CA
[22] 2001-02-12
[43] 2001-04-19

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[21] **2,331,484**
[13] A1

[51] **Int.Cl. 7G07B 17/02**
[25] EN
[54] **TECHNIQUE FOR EFFECTIVELY GENERATING POSTAGE INDICIA USING A POSTAL SECURITY DEVICE**
[54] **TECHNIQUE DE CREATION EFFICACE D'UNE EMPREINTE D'AFFRANCHISSEMENT A L'AIDE D'UN DISPOSITIF DE SECURITE POSTAL**
[72] SIMCIK, MARK E., US
[72] CROWE, ALLEN A., US
[71] ASCOM HASLER MAILING SYSTEMS, INC., US
[85] 2000-11-09
[86] 1999-10-15 (PCT/US99/24204)
[87] 2001-04-15 ()

[21] **2,334,942**
[13] A1

[51] **Int.Cl. 6C12N 15/55 6C12N 9/16 6C12N 1/21 6C12Q 1/44**
[25] EN
[54] **NOVEL PROTEIN AND ITS DNA**
[54] **NOUVELLE PROTEINE ET SON ADN**
[72] NAKAHAMA, KAZUO, JP
[72] TARUI, NAOKI, JP
[72] DOI, TAKAYUKI, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2001-01-19
[86] 1999-07-19 (PCT/JP99/03865)
[87] 2000-02-03 (WO00/05383)
[30] JP (10/204964) 1998-07-21
[30] JP (11/108974) 1999-04-16

[21] **2,335,343**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/10**
[25] EN
[54] **NOVEL METHODS FOR THE IDENTIFICATION OF LIGAND AND TARGET BIOMOLECULES**
[54] **NOUVELLES TECHNIQUES D'IDENTIFICATION DE LIGAND ET DE BIOMOLECULES CIBLES**
[72] HALKIER, TORBEN, DK
[72] JESPERSEN, LENE, DK
[72] JENSEN, ALLAN, DK
[71] M&E BIOTECH A/S, DK
[85] 2001-01-19
[86] 1999-07-16 (PCT/DK99/00408)
[87] 2000-02-03 (WO00/05406)
[30] DK (PA 1998 00956) 1998-07-20
[30] US (60/094,868) 1998-07-29

[21] **2,334,941**
[13] A1

[51] **Int.Cl. 7A61K 38/19 7A61P 11/00 7A61P 7/10 7C07K 14/525**
[25] EN
[54] **TNF-DERIVED PEPTIDES FOR USE IN TREATING OEDEMA**
[54] **PEPTIDES DERIVES DU TNF UTILISES DANS LE TRAITEMENT DES OEDEMES**
[72] PUGIN, JEROME, CH
[72] FRANSEN, LUCIE, BE
[72] BLOC, ALAIN, FR
[72] LUCAS, RUDOLF, BE
[72] DE BAETSELIER, PATRICK, BE
[71] INNOGENETICS N.V., BE
[85] 2001-01-19
[86] 1999-08-10 (PCT/EP99/05806)
[87] 2000-02-24 (WO00/09149)
[30] EP (98870180.1) 1998-08-14
[30] EP (98870198.3) 1998-09-18
[30] EP (98870222.1) 1998-10-21

[21] **2,335,341**
[13] A1

[51] **Int.Cl. 7C07K 14/575 7A61K 38/22**
[25] EN
[54] **PEPTIDE ANALOGUES OF PACAP**
[54] **ANALOGUES PEPTIDIQUES DES PACAP**
[72] DONG, ZHENG X., US
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A.S., FR
[85] 2001-01-17
[86] 1999-04-30 (PCT/EP99/03020)
[87] 2000-02-03 (WO00/05260)
[30] US (09/119,540) 1998-07-20

[21] **2,335,346**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01K 67/027 7C07K 14/47 7G01N 33/50 7C12Q 1/68**
[25] EN
[54] **SARA PROTEINS**
[54] **PROTEINES SARA**
[72] WRANA, JEFFREY L., CA
[71] HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP, CA
[85] 2001-01-18
[86] 1999-07-20 (PCT/CA99/00656)
[87] 2000-02-03 (WO00/05360)
[30] CA (2,237,701) 1998-07-20
[30] CA (2,253,647) 1998-12-10

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[21] **2,336,107**
[13] A1

[51] **Int.Cl. 7H01L 25/00**
[25] EN
[54] **MASK CONFIGURABLE SMART POWER CIRCUITS - APPLICATIONS AND GS-NMOS DEVICES**
[54] **APPLICATIONS DE CIRCUITS HAUTE-TENSION CONFIGURABLES SUR MASQUES ET DISPOSITIFS GS-NMOS**
[72] BEHRENS, FRANK HERMAN, BR
[72] MENDONCA SANTOS, PEDRO, PT
[72] PEDRO CASIMIRO, ANTONIO, PT
[72] FINCO, SAULO, BR
[72] MAMMANA, CARLOS I. Z., BR
[72] CASTRO SIMAS, MARIA INES, PT
[71] INSTITUTO SUPERIOR TECNICO, PT
[71] FUNDACAO CENTRO TECNOLOGICO PARA A INFORMATICA, BR
[85] 2000-12-28
[86] 2000-04-28 (PCT/PT00/00003)
[87] 2000-11-09 (WO00/67377)
[30] PT (102297) 1999-04-28

[21] **2,336,225**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 14/705**
[25] EN
[54] **HUMAN PROTEINS HAVING HYDROPHOBIC DOMAINS AND DNAS ENCODING THESE PROTEINS**
[54] **PROTEINES HUMAINES A DOMAINES HYDROPHOBES ET ADN CODANT POUR CES PROTEINES**
[72] KATO, SEISHI, JP
[72] KIMURA, TOMOKO, JP
[71] SAGAMI CHEMICAL RESEARCH CENTER, JP
[71] PROTEGENE INC., JP
[85] 2001-01-24
[86] 1999-07-22 (PCT/JP99/03929)
[87] 2000-02-03 (WO00/05367)
[30] JP (10/208820) 1998-07-24
[30] JP (10/224105) 1998-08-07
[30] JP (10/238116) 1998-08-25
[30] JP (10/254736) 1998-09-09
[30] JP (10/275505) 1998-09-29

[21] **2,336,227**
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10 7C12N 15/10 7C12N 9/12 7C12Q 1/68**
[25] EN
[54] **GENES INVOLVED IN TOLERANCE TO ENVIRONMENTAL STRESS**
[54] **GENES JOUANT UN ROLE DANS LA TOLERANCE AU STRESS DE L'ENVIRONNEMENT**
[72] VERBRUGGEN, NATHALIE, BE
[72] LEE, JEONG HEE, BE
[71] CROPDESIGN N.V., BE
[85] 2001-01-25
[86] 1999-08-04 (PCT/EP99/05652)
[87] 2000-02-17 (WO00/08187)
[30] EP (98202634.6) 1998-08-04

[21] **2,336,295**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 14/47 6C12N 15/62**
[25] EN
[54] **INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN-3 VARIANTS**
[54] **VARIANTES DE LA PROTEINE-3 DE LIAISON DU FACTEUR DE CROISSANCE DE TYPE INSULINOIDE**
[72] PASSMORE, DAVID, US
[72] DANKO, STEPHEN, US
[72] MASCARENHAS, DESMOND, US
[71] CELTRIX PHARMACEUTICALS, INC., US
[85] 2000-12-29
[86] 1999-05-28 (PCT/US99/12087)
[87] 1999-12-09 (WO99/63086)
[30] US (60/087,559) 1998-06-01
[30] US (09/322,484) 1999-05-27

[21] **2,336,448**
[13] A1

[51] **Int.Cl. 6C07D 498/08 6A61K 31/415**
[25] EN
[54] **INHIBITORS OF PRENYL-PROTEIN TRANSFERASE**
[54] **INHIBITEURS DE PRENYL-PROTEINE TRANSFERASE**
[72] DINSMORE, CHRISTOPHER J., US
[72] BELL, IAN M., US
[72] BESHORE, DOUGLAS C., US
[72] WILLIAMS, THERESA M., US
[71] MERCK & CO., INC., US
[85] 2001-01-02
[86] 1999-06-29 (PCT/US99/14941)
[87] 2000-01-13 (WO00/01701)
[30] US (60/091,596) 1998-07-02

[21] **2,336,486**
[13] A1

[51] **Int.Cl. 6C07K 7/06 6C12P 21/02 6A61K 38/08 6C12N 5/10 6C12N 15/12 6A61K 35/14 6C07K 16/18**
[25] EN
[54] **HLA-A2 RESTRAINT TUMOR ANTIGEN PEPTIDE ORIGINATING IN SART-1**
[54] **PEPTIDE D'ANTIGENE DE TUMEUR LIMITANT HLA-A2 PROVENANT DE SART-1**
[72] KOBAYASHI, TERUTADA, JP
[72] ITOH, KYOGO, JP
[71] SUMITOMO PHARMACEUTICALS COMPANY, LIMITED, JP
[71] ITOH, KYOGO, JP
[85] 2001-01-25
[86] 1999-07-27 (PCT/JP99/04010)
[87] 2000-02-10 (WO00/06595)
[30] JP (10/212940) 1998-07-28

[21] **2,336,487**
[13] A1

[51] **Int.Cl. 6A01H 1/00 6A01H 5/00 6C07K 1/00 6C07K 16/00 6C12N 5/04 6C12N 15/29 6C12N 15/63 6C12N 15/64 6C12N 15/82 6C12N 15/90**
[25] EN
[54] **COPPER TRANSPORTER IN ETHYLENE SIGNALING PATHWAY**
[54] **TRANSPORTEUR DE CUIVRE DANS UNE VOIE DE SIGNALISATION D'ETHYLENE**
[72] ECKER, JOSEPH R., US
[72] HIRAYAMA, TAKASHI, JP
[72] KIEBER, JOSEPH J., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2001-01-22
[86] 1999-07-22 (PCT/US99/16591)
[87] 2000-02-03 (WO00/04760)
[30] US (60/093,698) 1998-07-22

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[21] **2,336,488**
[13] A1

[51] **Int.Cl. 6C12N 9/02 6C12N 15/00 6C07H 21/02 6C07H 21/04**
[25] EN
[54] **RECOMBINANT DEHYDRODICONIFERYL ALCOHOL BENZYLIC ETHER REDUCTASE, AND METHODS OF USE**
[54] **ETHER BENZYLIQUE REDUCTASE D'ALCOOL DEHYDRODICONIFERYLE RECOMBINANTE ET SES PROCEDES D'UTILISATION**
[72] LEWIS, NORMAN G., US
[72] DAVIN, LAURENCE B., US
[72] GANG, DAVID R., US
[72] KASAHARA, HIROYUKI, US
[71] WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION, US
[85] 2001-01-24
[86] 1999-07-23 (PCT/US99/16746)
[87] 2000-02-03 (WO00/05350)
[30] US (60/094,012) 1998-07-24

[21] **2,336,489**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/00**
[25] EN
[54] **WAVELENGTH-SHIFTING PROBES AND PRIMERS**
[54] **SONDES ET AMORCES A DECALAGE SPECTRAL**
[72] TYAGI, SANJAY, US
[72] KRAMER, FRED R., US
[72] MARRAS, SALVATORE A. E., US
[71] THE PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC., US
[85] 2001-01-25
[86] 1999-07-28 (PCT/US99/17145)
[87] 2000-02-10 (WO00/06778)
[30] US (09/123,764) 1998-07-28

[21] **2,336,490**
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61P 7/00 7A01K 67/027 7A61K 35/14 7A61K 35/28**
[25] EN
[54] **HEMATOPOIETIC CELL COMPOSITION FOR USE IN TRANSPLANTATION**
[54] **COMPOSITION A BASE DE CELLULES HEMATOPOIETIQUES, A UTILISER DANS LA TRANSPLANTATION**
[72] LAPIDOT, TSVEE, IL
[72] PELED, AMNON, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2001-01-26
[86] 1999-07-20 (PCT/IL99/00398)
[87] 2000-02-10 (WO00/06704)
[30] IL (125532) 1998-07-27

[21] **2,336,520**
[13] A1

[51] **Int.Cl. 6C12N 15/00 6C12P 21/06 6C12N 15/09 6C12N 15/63**
[25] EN
[54] **RAPID SUBCLONING USING SITE-SPECIFIC RECOMBINATION**
[54] **SOUS-CLONAGE RAPIDE FAISANT APPEL A UNE RECOMBINAISON SPECIFIQUE A UN SITE**
[72] LIU, QINGHUA, US
[72] ELLEDGE, STEPHEN J., US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2001-01-24
[86] 1998-07-27 (PCT/US98/15481)
[87] 2000-02-03 (WO00/05355)
[30] US (09/122,384) 1998-07-24

[21] **2,336,526**
[13] A1

[51] **Int.Cl. 7A61K 35/50 7A61K 7/48**
[25] EN
[54] **COMPOSITION FOR STIMULATING THE SYNTHESIS OF THE MELANIC PIGMENT AND PROCESS FOR OBTAINING IT**
[54] **COMPOSITION POUR LA STIMULATION DE LA SYNTHESE DU PIGMENT MELANIQUE ET SON PROCEDE D'OBTENTION**
[72] MIYARES CAO, CARLOS MANUEL, CU
[71] CENTRO DE HISTOTERAPIA PLACENTARIA, CU
[85] 2001-01-26
[86] 1999-07-28 (PCT/CU99/00003)
[87] 2000-02-10 (WO00/06180)
[30] CU (110/98) 1998-07-28

[21] **2,336,530**
[13] A1

[51] **Int.Cl. 6A61K 48/00 6C07H 21/04 6C12Q 1/68 6C12N 15/85 6C12N 15/86**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT ET DE DIAGNOSTIC DES MALADIES CARDIOVASCULAIRES**
[72] FALB, DEAN A., US
[71] MILLENIUM PHARMACEUTICALS, INC., US
[85] 2001-01-26
[86] 1999-07-30 (PCT/US99/17394)
[87] 2000-02-10 (WO00/06206)
[30] US (09/126,640) 1998-07-30

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[21] **2,336,532**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 48/00 7C12N 5/10 7A61K 39/118 7C07K 16/12 7C12N 1/21 7C07K 1/22 7C07K 14/295 7G01N 33/569 7C12N 15/62 7C12Q 1/68**
[25] EN
[54] **CHLAMYDIA ANTIGENS AND CORRESPONDING DNA FRAGMENTS AND USES THEREOF**
[54] **ANTIGENES DE CHLAMYDIA ET FRAGMENTS D'ADN CORRESPONDANTS, ET UTILISATIONS DE CEUX-CI**
[72] MURDIN, ANDREW D., CA
[72] OOMEN, RAYMOND P., CA
[71] CONNAUGHT LABORATORIES LIMITED, CA
[85] 2001-01-26
[86] 1999-07-27 (PCT/IB99/01331)
[87] 2000-02-10 (WO00/06742)
[30] US (60/094,195) 1998-07-27
[30] US (09/361,443) 1999-07-26

[21] **2,336,534**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 48/00 7C12N 5/10 7A61K 39/118 7C07K 16/12 7C12N 1/21 7C07K 1/22 7C07K 14/295 7G01N 33/569 7C12N 15/62 7C12Q 1/68**
[25] EN
[54] **CHLAMYDIA ANTIGENS AND CORRESPONDING DNA FRAGMENTS AND USES THEREOF**
[54] **ANTIGENES DE CHLAMYDIA ET FRAGMENTS D'ADN CORRESPONDANTS, ET UTILISATIONS DE CEUX-CI**
[72] DUNN, PAMELA L., CA
[72] MURDIN, ANDREW D., CA
[72] OOMEN, RAYMOND P., CA
[71] CONNAUGHT LABORATORIES LIMITED, CA
[85] 2001-01-26
[86] 1999-07-27 (PCT/IB99/01333)
[87] 2000-02-10 (WO00/06743)
[30] US (60/094,203) 1998-07-27
[30] US (60/122,045) 1999-03-01
[30] US (09/360,434) 1999-07-26

[21] **2,336,539**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **REVERSIBLE INHIBITING PROBES**
[54] **SONDES INHIBITRICES REVERSIBLES**
[72] SCHROTH, GARY P., US
[72] BRENTANO, STEVEN T., US
[72] ADAMS, CHRISTOPHER C., US
[71] GEN-PROBE INCORPORATED, US
[85] 2001-01-26
[86] 1999-07-30 (PCT/US99/17340)
[87] 2000-02-10 (WO00/06779)
[30] US (60/094,979) 1998-07-31

[21] **2,336,590**
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C07H 21/04 7C12N 1/15 7C12N 1/21 7C12N 15/64 7C12N 15/74**
[25] EN
[54] **HYBRID YEAST-BACTERIA CLONING SYSTEM AND USES THEREOF**
[54] **SYSTEME DE CLONAGE DE BACTERIES DE LEVURE HYBRIDES**
[72] MENDEZ, MICHAEL, US
[72] FINER, MITCHELL, US
[71] CELL GENESYS, INC., US
[85] 2001-01-24
[86] 2000-06-07 (PCT/US00/15588)
[87] 2000-12-14 (WO00/75299)
[30] US (60/137,974) 1999-06-07
[30] US (09/409,577) 1999-09-30
[30] US (09/484,830) 2000-01-18

[21] **2,336,592**
[13] A1

[51] **Int.Cl. 7C12N 15/86 7A61K 48/00 7C12N 5/10**
[25] EN
[54] **CELL LINES FOR THE PROPAGATION OF MUTATED HERPES VIRUSES**
[54] **LIGNEES CELLULAIRES DESTINEES A LA PROPAGATION D'HERPESVIRUS MUTANTS**
[72] COFFIN, ROBERT STUART, GB
[72] LATCHMAN, DAVID SEYMOUR, GB
[71] BIO VEX LIMITED, GB
[85] 2001-01-29
[86] 1999-08-03 (PCT/GB99/02547)
[87] 2000-02-17 (WO00/08194)
[30] GB (9816856.0) 1998-08-03

[21] **2,336,595**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A61K 48/00 7A61P 35/00 7C12Q 1/68**
[25] EN
[54] **USE OF PROHIBITIN RNA IN TREATMENT OF CANCER**
[54] **UTILISATION D'ARN DE PROHIBITINE DANS LE TRAITEMENT DU CANCER**
[72] JUPE, ELDON R., US
[71] OKLAHOMA MEDICAL RESEARCH FOUNDATION, US
[85] 2001-01-22
[86] 1999-07-24 (PCT/US99/16840)
[87] 2000-02-03 (WO00/05359)
[30] US (60/093,977) 1998-07-24

[21] **2,336,597**
[13] A1

[51] **Int.Cl. 7C07K 14/81 7C07K 7/06 7C07K 5/10 7A61P 31/14 7A61K 38/55**
[25] EN
[54] **HEPATITIS C INHIBITOR PEPTIDES**
[54] **PEPTIDES INHIBITEURS DE L'HEPATITE C**
[72] BAILEY, MURRAY D., CA
[72] CAMERON, DALE, CA
[72] GHIRO, ELISE, CA
[72] POUPART, MARC-ANDRE, CA
[72] GOUDREAU, NATHALIE, CA
[72] RANCOURT, JEAN, CA
[72] LLINAS-BRUNET, MONTSE, CA
[72] TSANTRIZOS, YOULA S., CA
[71] BOEHRINGER INGELHEIM (CANADA) LTD., CA
[85] 2001-01-30
[86] 1999-08-09 (PCT/CA99/00737)
[87] 2000-02-24 (WO00/09558)
[30] US (60/095,945) 1998-08-10

[21] **2,337,013**
[13] A1

[51] **Int.Cl. 6G02B 6/22**
[25] EN
[54] **SINGLE MODE OPTICAL WAVEGUIDE**
[54] **GUIDE D'ONDES OPTIQUE MONOMODE**
[72] LI, MING-JUN, US
[72] CHU, POLLY W., US
[72] CAIN, MICHAEL B., US
[72] GROCHOCINSKI, JAMES M., US
[71] CORNING INCORPORATED, US
[85] 2001-01-10
[86] 1999-06-21 (PCT/US99/13993)
[87] 2000-01-27 (WO00/04410)
[30] US (60/092,835) 1998-07-14

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[21] **2,337,016**
[13] A1
[51] **Int.Cl. 7A61F 13/15**
[25] EN
[54] **DISPOSABLE ABSORBENT ARTICLE HAVING FECAL MANAGEMENT MEMBER**
[54] **ARTICLE ABSORBANT JETABLE COMPORTANT UN ELEMENT DE PRISE EN CHARGE DES MATIERES FECALES**
[72] MULLER, JORG, DE
[72] STIEHL, GABRIELE, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-01-10
[86] 1999-07-23 (PCT/IB99/01313)
[87] 2000-02-10 (WO00/06073)
[30] EP (98114190.6) 1998-07-31

[21] **2,337,020**
[13] A1
[51] **Int.Cl. 7A61F 13/20**
[25] EN
[54] **LAYERED TAMPON**
[54] **TAMPON EN COUCHES**
[72] FRANCIS, JENENE MARIE, US
[72] BOWLES, VIRGINIA, US
[72] CURTIS, JON ARTHUR, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-01-10
[86] 1999-07-29 (PCT/US99/17159)
[87] 2000-02-10 (WO00/06071)
[30] US (09/126,491) 1998-07-30

[21] **2,337,027**
[13] A1
[51] **Int.Cl. 7D21H 19/38 7C09D 5/02**
[25] EN
[54] **PAINT AND PAPER COATED WITH SAID PAINT**
[54] **PEINTURE ET PAPIER RECOUVERT DE CETTE PEINTURE**
[72] WILCKE, MICHAEL, FR
[71] SECURITY TRANSFER B.V., NL
[85] 2001-01-10
[86] 1999-07-21 (PCT/EP99/05359)
[87] 2000-02-03 (WO00/05452)
[30] DE (198 32 900.8) 1998-07-22

[21] **2,337,031**
[13] A1
[51] **Int.Cl. 7H01M 10/28 7H01M 10/04 7H01M 2/16**
[25] EN
[54] **CYLINDRICAL ELECTROCHEMICAL CELL WITH CUP SEAL FOR SEPARATOR**
[54] **CELLULE ELECTROCHIMIQUE CYLINDRIQUE AVEC SEPARATEUR POURVU D'UN JOINT CALOTTE**
[72] BOOK, R. JAMES, CA
[72] DANIEL-IVAD, ELFRIEDE, CA
[72] DANIEL-IVAD, JOSEPH, CA
[71] BATTERY TECHNOLOGIES INC., CA
[85] 2001-01-10
[86] 1999-07-23 (PCT/CA99/00669)
[87] 2000-02-10 (WO00/07257)
[30] US (09/122,316) 1998-07-24

[21] **2,337,036**
[13] A1
[51] **Int.Cl. 6A61F 2/00**
[25] EN
[54] **INTRAURETHRAL MAGNETIC VALVE**
[54] **VALVE MAGNETIQUE URETRALE**
[72] DAVIS, PHILLIP J., US
[71] PHILLIP DAVIS INVENTIONS, INC., US
[85] 2001-01-10
[86] 1999-07-09 (PCT/US99/15498)
[87] 2000-01-20 (WO00/02499)
[30] US (09/114,354) 1998-07-13

[21] **2,337,041**
[13] A1
[51] **Int.Cl. 7C07C 229/14 7A61K 31/195**
[25] EN
[54] **AMINOMETHYLCARBOXYLIC ACID DERIVATIVES**
[54] **DERIVES D'ACIDE AMINOMETHYLCARBOXYLIQUE**
[72] GILFILLAN, ROBERT, GB
[72] JAAP, DAVID ROBERT, GB
[72] GIBSON, SAMUEL GEORGE, GB
[72] THORN, SIMON NICHOLAS, GB
[71] AKZO NOBEL N.V., NL
[85] 2001-01-10
[86] 1999-07-26 (PCT/EP99/05477)
[87] 2000-02-17 (WO00/07978)
[30] EP (98306149.0) 1998-07-31

[21] **2,337,151**
[13] A1
[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **ELASTIC-SIDED ABSORBENT PAD WITH SOFT, COMFORTABLE SIDE PANELS**
[54] **SERVIETTE ABSORBANTE AUX COTES ELASTIQUES AVEC PANNEAUX LATERAUX DOUX ET CONFORTABLES**
[72] KIM, DOO-HONG, KR
[72] KIM, HYUNG-BUM, KR
[72] HWANG, EO-YEON, KR
[72] KANG, EUN-JUNG, KR
[71] YUHAN-KIMBERLY LTD, KR
[85] 2001-01-10
[86] 1999-08-09 (PCT/KR99/00441)
[87] 2000-02-24 (WO00/09056)
[30] KR (1998/32388) 1998-08-10

[21] **2,337,153**
[13] A1
[51] **Int.Cl. 6C12Q 1/68 6G06F 17/00 6C12P 19/34**
[25] EN
[54] **LINKING GENE SEQUENCE TO GENE FUNCTION BY THREE DIMENSIONAL (3D) PROTEIN STRUCTURE DETERMINATION**
[54] **ETABLISSEMENT DE LIEN ENTRE UNE SEQUENCE DE GENE ET UNE FONCTION DE GENE PAR DETERMINATION DE LA STRUCTURE DE PROTEINE EN TROIS DIMENSIONS (3D)**
[72] MONTELIONE, GAETANO, US
[72] HUANG, YUANPENG, US
[72] ANDERSON, STEPHEN, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2001-01-10
[86] 1999-07-21 (PCT/US99/16417)
[87] 2000-02-03 (WO00/05414)
[30] US (60/093,641) 1998-07-21
[30] US (09/181,601) 1998-10-29

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[21] **2,337,157**
[13] A1
[51] **Int.Cl. 6F16B 13/06 6F16B 13/14**
[25] EN
[54] **NESTED SOLID, SOLID WALL ANCHOR**
[54] **DISPOSITIF SOLIDE D'ANCRAGE AU MUR A IMBRICATION SOLIDE**
[72] KAYE, GORDON E., US
[72] GARFIELD, NATHANIEL H., US
[71] MECHANICAL PLASTICS CORP., US
[85] 2001-01-10
[86] 1999-05-24 (PCT/US99/11400)
[87] 1999-12-02 (WO99/61809)
[30] US (09/084,034) 1998-05-22

[21] **2,337,362**
[13] A1
[51] **Int.Cl. 7C12N 15/52 7A01K 67/027 7C12N 5/10 7C12Q 1/37 7A61K 38/43 7G01N 33/50 7C12N 9/64 7C12Q 1/68 7A61K 31/70**
[25] EN
[54] **CLONING AND CHARACTERISATION OF NOVEL MAMMALIAN PEPTIDASES**
[54] **CLONAGE ET CARACTERISATION DE NOUVELLES PEPTIDASES DE MAMMIFERE**
[72] PEETERS, DANIELLE CELINE GEORGETTE, BE
[72] NEEFS, JEAN-MARC EDMOND FERNAND MARIE, BE
[72] PANGALOS, MENLAS, GB
[71] JANSSEN PHARMACEUTICA N.V., BE
[85] 2001-01-12
[86] 1999-07-14 (PCT/GB99/02241)
[87] 2000-01-27 (WO00/04157)
[30] GB (9815284.6) 1998-07-14

[21] **2,337,492**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C07K 17/00 7C07K 19/00 7A01K 67/027 7C12N 5/10 7C12N 1/21 7C07K 16/28 7C12N 15/66 7G01N 33/68 7C07K 14/705 7C12N 15/86**
[25] EN
[54] **DELTA-RELATED POLYPEPTIDES**
[54] **POLYPEPTIDES RELATIFS A DELTA**
[72] STARK, KEVIN L., US
[72] SHUTTER, JOHN R., US
[71] AMGEN INC., US
[85] 2001-01-25
[86] 1999-07-12 (PCT/US99/15710)
[87] 2000-02-10 (WO00/06726)
[30] US (09/123,168) 1998-07-27

[21] **2,337,493**
[13] A1
[51] **Int.Cl. 7C12N 15/31 7C12Q 1/04 7C12N 5/10 7A61K 39/118 7C07K 16/12 7C12N 1/21 7C07K 1/22 7C07K 14/295 7C12N 15/62 7C12Q 1/68 7A61K 31/70**
[25] EN
[54] **CHLAMYDIA ANTIGENS AND CORRESPONDING DNA FRAGMENTS AND USES THEREOF**
[54] **ANTIGENES DE CHLAMYDIA ET FRAGMENTS D'ADN CORRESPONDANTS, ET UTILISATIONS DE CEUX-CI**
[72] OOMEN, RAYMOND P., CA
[72] MURDIN, ANDREW D., CA
[72] DUNN, PAMELA L., CA
[71] CONNAUGHT LABORATORIES LIMITED, CA
[85] 2001-01-26
[86] 1999-07-27 (PCT/IB99/01330)
[87] 2000-02-10 (WO00/06741)
[30] US (60/094,192) 1998-07-27
[30] US (60/122,044) 1999-03-01
[30] US (09/361,440) 1999-07-26

[21] **2,337,494**
[13] A1
[51] **Int.Cl. 7C12N 15/86 7A61K 48/00 7C12N 5/10**
[25] EN
[54] **HERPES VIRUS VECTORS FOR DENDRITIC CELLS**
[54] **VIRUS D'HERPES DESTINES AUX CELLULES DENDRITIQUES**
[72] CHAIN, BENJAMIN, GB
[72] COFFIN, ROBERT STUART, GB
[71] BIOVEX LIMITED, GB
[85] 2001-01-29
[86] 1999-08-02 (PCT/GB99/02529)
[87] 2000-02-17 (WO00/08191)
[30] GB (9816781.0) 1998-07-31

[21] **2,337,495**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C07K 14/47**
[25] EN
[54] **MELANOCORTIN-4 RECEPTOR GENE AND USE AS A GENETIC MARKER FOR FAT CONTENT, WEIGHT GAIN, AND/OR FEED CONSUMPTION OF ANIMALS**
[54] **GENE RECEPTEUR DE MELANOCORTINE 4 ET SON UTILISATION COMME MARQUEUR GENETIQUE DE LA TENEUR EN MATIERES GRASSES, DE LA PRISE DE POIDS ET/OU DE LA CONSOMMATION D'ALIMENTS CHEZ DES ANIMAUX**
[72] KIM, KWAN SUK, US
[72] LARSON, NIELS J., US
[72] ROTHSCHILD, MAX F., US
[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, US
[85] 2001-01-26
[86] 1999-07-26 (PCT/US99/16862)
[87] 2000-02-10 (WO00/06777)
[30] US (60/094,287) 1998-07-27
[30] US (60/116,186) 1999-01-15

[21] **2,337,496**
[13] A1
[51] **Int.Cl. 7C12N 15/85 7A61K 48/00 7C12N 15/12 7C12N 15/55 7C12N 15/88**
[25] EN
[54] **ANTI-ANGIOGENESIS PLASMIDS AND DELIVERY SYSTEMS, AND METHODS OF MAKING AND USING THE SAME**
[54] **SYSTEMES D'ADMINISTRATION ET PLASMIDES ANTI-ANGIOGENESE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] SZYMANSKI, PAUL, US
[72] MEHRENS, DOROTHY, US
[72] MIN, WANG, US
[72] RALSTON, ROBERT, US
[72] SULLIVAN, SEAN, US
[71] VALENTIS, INC., US
[85] 2001-01-26
[86] 1999-07-20 (PCT/US99/16388)
[87] 2000-02-10 (WO00/06759)
[30] US (60/094,375) 1998-07-27

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<p style="text-align: right;">[21] 2,337,518 [13] A1</p> <p>[51] Int.Cl. 6E04B 2/22 6E04C 2/34 [25] EN [54] COMPRESSION MOLDED DOOR ASSEMBLY [54] ENSEMBLE PORTE MOULE PAR COMPRESSION [72] WEST, KENNETH J., US [72] TEMPLETON, G. DANIEL, US [71] THERMA-TRU CORPORATION, US [85] 2001-01-15 [86] 1999-07-06 (PCT/US99/15231) [87] 2000-01-27 (WO00/04249) [30] US (09/116,405) 1998-07-16</p>	<p style="text-align: right;">[21] 2,337,521 [13] A1</p> <p>[51] Int.Cl. 7A01N 47/36 7A01N 39/02 7A01N 47/12 7A01N 57/14 7A01N 47/16 7A01N 47/18 7A01N 43/20 7A01N 37/22 7A01N 37/24 7A01N 37/26 7A01N 25/32 7A01N 47/38 7A01N 37/40 7A01N 43/40 7A01N 43/42 7A01N 43/54 7A01N 43/653 7A01N 43/76 7A01N 43/78 7A01N 43/80 7A01N 43/82 7A01N 43/86 7A01N 43/88 7A01N 43/90 [25] EN [54] HERBICIDAL COMPOSITIONS WITH SUBSTITUTED PHENYLSULFONYLUREAS FOR CONTROLLING WEEDS IN RICE [54] COMPOSITION D'HERBICIDES A PHENYLSULFONYLUREES SUBSTITUEES POUR LUTTER CONTRE LES MAUVAISES HERBES CHEZ LE RIZ [72] BIERINGER, HERMANN, DE [72] HACKER, ERWIN, DE [71] AVENTIS CROPSCIENCE GMBH, DE [85] 2001-01-15 [86] 1999-07-12 (PCT/EP99/04881) [87] 2000-01-27 (WO00/03597) [30] DE (198 32 017.5) 1998-07-16</p>	<p style="text-align: right;">[21] 2,337,523 [13] A1</p> <p>[51] Int.Cl. 7G03G 15/00 7G03G 15/20 [25] EN [54] SEPARATION FINGERS FOR ELECTRO PHOTOGRAPHIC DEVICES [54] DOIGTS SEPARATEURS DESTINES A DES DISPOSITIFS ELECTROPHOTOGRAPHIQUES [72] GEORGE, DANIEL EUGENE, US [72] NAKAGAWA, SHINICHI, JP [72] YOKOYAMA, AKIRA, JP [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2001-01-15 [86] 1999-07-29 (PCT/US99/17333) [87] 2000-02-10 (WO00/07074) [30] JP (10/216000) 1998-07-30</p>
<p style="text-align: right;">[21] 2,337,519 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/30 [25] EN [54] METHOD AND APPARATUS FOR SELECTING AGGREGATE LEVELS AND CROSS PRODUCT LEVELS FOR A DATA WAREHOUSE [54] PROCEDE ET DISPOSITIF DE SELECTION DE NIVEAUX D'AGREGATS ET DE PRODUITS CROISES POUR UN ENTREPOT DE DONNEES [72] TSE, EVA MAN-YAN, US [72] LORE, MICHAEL DEAN, US [71] PLATINUM TECHNOLOGY IP, INC., US [85] 2001-01-15 [86] 2000-05-19 (PCT/US00/14099) [87] 2000-11-30 (WO00/72201) [30] US (09/317,247) 1999-05-24</p>	<p style="text-align: right;">[21] 2,337,522 [13] A1</p> <p>[51] Int.Cl. 7C07D 307/36 7B01J 23/887 [25] EN [54] PROCESS FOR THE OXIDATION OF BUTADIENE AND BUTENE WITH COBALT AND MOLYBDENUM OXIDE BASED CATALYSTS [54] PROCEDE D'OXYDATION DE BUTADIENE ET DE BUTENE AU MOYEN DE CATALYSEURS A BASE D'OXYDE DE COBALT ET DE MOLYBDENE [72] KOURTAKIS, KOSTANTINOS, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2001-01-15 [86] 1999-08-05 (PCT/US99/17758) [87] 2000-02-17 (WO00/08008) [30] US (60/095,577) 1998-08-06</p>	<p style="text-align: right;">[21] 2,337,524 [13] A1</p> <p>[51] Int.Cl. 7F01K 23/06 7F02C 3/28 [25] EN [54] GAS AND STEAM TURBINE INSTALLATION [54] INSTALLATION A TURBINE A GAZ ET A TURBINE A VAPEUR [72] SCHIFFERS, ULRICH, DE [72] HANNEMANN, FRANK, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-01-15 [86] 1999-07-02 (PCT/DE99/02058) [87] 2000-01-27 (WO00/04285) [30] DE (198 32 294.1) 1998-07-17</p>
<p style="text-align: right;">[21] 2,337,520 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/06 [25] EN [54] HAIR CARE COMPOSITIONS [54] COMPOSITIONS DE SOINS CAPILLAIRES [72] MCCANN, CHANTELE MARY, GB [72] MCMEEKIN, ANTHONY, GB [72] YOUNG, WENDY VICTORIA JANE, GB [72] MCKELVEY, GRAHAM NEIL, GB [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-01-15 [86] 1999-03-26 (PCT/US99/06118) [87] 2000-02-10 (WO00/06106) [30] US (PCT/US98/15873) 1998-07-30</p>	<p style="text-align: right;">[21] 2,337,525 [13] A1</p> <p>[51] Int.Cl. 6E04C 3/30 [25] EN [54] A TRUSS STRUCTURE [54] STRUCTURE A ARMATURES [72] TURNER, DARRYL, US [72] MEISEL, JAMES A., US [71] POWERTRUSION 2000, US [85] 2001-01-15 [86] 1999-07-15 (PCT/US99/16056) [87] 2000-01-27 (WO00/04251) [30] US (09/116,096) 1998-07-15</p>	

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[13] A1
[51] **Int.Cl. 7H04N 7/10 7H04N 7/16 7H04N 5/44**
[25] EN
[54] **COOPERATIVE TELEVISION APPLICATION SYSTEM HAVING MULTIPLE USER TELEVISION EQUIPMENT DEVICES**
[54] **SYSTEME D'APPLICATION DE TELEVISION INTERACTIVE A MOYENS D'EQUIPEMENT DE TELEVISION MULTI-USAGERS**
[72] ELLIS, MICHAEL D., US
[71] UNITED VIDEO PROPERTIES, INC., US
[85] 2001-01-15
[86] 1999-07-16 (PCT/US99/16094)
[87] 2000-02-03 (WO00/05885)
[30] US (60/093,862) 1998-07-23
[30] US (09/186,598) 1998-11-05

[21] **2,337,527**
[13] A1
[51] **Int.Cl. 6C07D 209/48 6A01N 37/32 6A01N 43/38**
[25] EN
[54] **PHTHALIMIDES AND HERBICIDE COMPOSING THE SAME AS ACTIVE INGREDIENT**
[54] **PHTHALIMIDES ET HERBICIDE CONTENANT CEUX-CI COMME PRINCIPE ACTIF**
[72] HIKIDO, MITSURU, JP
[72] KAWAGUCHI, SHINJI, JP
[72] NATSUME, BUNJI, JP
[71] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2001-01-15
[86] 1999-07-15 (PCT/JP99/03808)
[87] 2000-01-27 (WO00/03985)
[30] JP (10/201532) 1998-07-16

[21] **2,337,788**
[13] A1
[51] **Int.Cl. 7A61N 1/378 7A61N 1/36**
[25] EN
[54] **CARDIAC PACEMAKER LEAD WITH EXTENDABLE/RETRACTABLE FIXATION**
[54] **DERIVATION DE STIMULATEUR CARDIAQUE A FIXATION EXTENSIBLE/RETRACTILE**
[72] FISCHER, ELMAR R., SR., US
[71] INTERMEDICS INC., US
[85] 2001-01-02
[86] 1999-07-02 (PCT/US99/15141)
[87] 2000-01-13 (WO00/01441)
[30] US (09/109,498) 1998-07-02

[21] **2,337,875**
[13] A1
[51] **Int.Cl. 6G05B 15/00 6G08C 19/00 6G05B 19/418**
[25] EN
[54] **INTERNET UTILITY INTERCONNECT METHOD AND MEANS**
[54] **PROCEDE ET MOYEN D'INTERCONNEXION POUR SERVICES INTERNET**
[72] NGO, GET SEN, AU
[72] PARSONS, EWAN, AU
[71] EHOME CORPORATION PTY LIMITED, AU
[85] 2001-01-16
[86] 1999-07-16 (PCT/AU99/00576)
[87] 2000-01-27 (WO00/04427)
[30] AU (PP 4710) 1998-07-16

[21] **2,337,877**
[13] A1
[51] **Int.Cl. 7G11B 7/26 7G11B 7/24**
[25] EN
[54] **DISK-LIKE MULTILAYER INFORMATION RECORDING MEDIUM AND PRODUCTION METHOD THEREOF**
[54] **SUPPORT D'ENREGISTREMENT D'INFORMATIONS MULTICOUCHE DU TYPE DISQUE ET SON PROCEDE DE PRODUCTION**
[72] YUKUMOTO, TOMOMI, JP
[72] FURUKI, MOTOHIRO, JP
[72] YAMASAKI, TAKESHI, JP
[72] KASHIWAGI, TOSHIYUKI, JP
[71] SONY CORPORATION, JP
[85] 2001-01-16
[86] 2000-01-18 (PCT/JP00/00202)
[87] 2000-11-23 (WO00/70608)
[30] JP (11/136432) 1999-05-17

[21] **2,337,878**
[13] A1
[51] **Int.Cl. 7C22C 21/00**
[25] EN
[54] **HIGH CONDUCTIVITY ALUMINUM FIN ALLOY**
[54] **ALLIAGE POUR AILETTE EN ALUMINIUM A CONDUCTIVITE ELEVEE**
[72] OKI, YOSHITO, JP
[72] GATENBY, KEVIN MICHAEL, GB
[72] OKAMOTO, ICHIRO, JP
[72] ANAMI, TOSHIYA, CA
[72] GALLERNEAULT, WILLARD MARK TRUMAN, CA
[72] MARTIN, JEAN-PIERRE, CA
[72] JIN, ILJOON, CA
[71] ALCAN INTERNATIONAL LIMITED, CA
[85] 2001-01-16
[86] 1999-07-23 (PCT/CA99/00677)
[87] 2000-02-03 (WO00/05426)
[30] US (09/121,638) 1998-07-23

[21] **2,337,879**
[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **FAILURE ANNOUNCEMENT WHEN TRYING TO GAIN ACCESS TO A DATA BASE**
[54] **MESSAGE D'INSUCCES DANS LE CAS D'UNE TENTATIVE D'ACCES A UNE BANQUE DE DONNEES**
[72] JUNGHANS, CARL-FRIEDRICH, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2001-01-16
[86] 1999-07-01 (PCT/EP99/04567)
[87] 2000-01-27 (WO00/04460)
[30] EP (98113411.7) 1998-07-17

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[21] **2,337,880**
[13] A1

[51] **Int.Cl. 7C07D 241/08 7A61K 31/495**
[25] EN
[54] **SUBSTITUTED PIPERAZONES AND THEIR THERAPEUTIC USES THEREOF**
[54] **PIPERAZINONES SUBSTITUEES ET LEURS APPLICATIONS EN THERAPEUTIQUE**
[72] GIBOULOT, THIERRY, FR
[72] LESUR, BRIGITTE, FR
[72] YUE, CHRISTOPHE, FR
[72] HENRY, MARGUERITE, FR
[71] LABORATOIRE L. LAFON, FR
[85] 2001-01-16
[86] 1999-07-16 (PCT/FR99/01751)
[87] 2000-01-27 (WO00/04001)
[30] FR (98/09169) 1998-07-17

[21] **2,337,881**
[13] A1

[51] **Int.Cl. 7C07D 457/02 7C07F 17/02**
[25] EN
[54] **NOVEL ERGOLINE AMINE DERIVATIVES AND THEIR USE**
[54] **NOUVEAUX DERIVES D'ERGOLINAMINE ET LEUR UTILISATION**
[72] GLUSA, ERIKA, DE
[72] HARTL, ALBERT, DE
[72] WYRWA, RALF, DE
[72] THIERICKE, RALF, DE
[72] GRABLEY, SUSANNE, DE
[71] FRIEDRICH-SCHILLER-UNIVERSITAT JENA, DE
[71] CYBIO SCREENING GMBH, DE
[85] 2001-01-16
[86] 1999-07-15 (PCT/DE99/02194)
[87] 2000-01-27 (WO00/04018)
[30] DE (198 32 191.0) 1998-07-17

[21] **2,337,882**
[13] A1

[51] **Int.Cl. 6B65D 83/00**
[25] EN
[54] **DISPENSER APPARATUS**
[54] **APPAREIL DISTRIBUTEUR**
[72] KAUFMAN, BRETT, US
[72] JOCHEM, DAVID, US
[71] BERRY PLASTICS CORPORATION, US
[85] 2001-01-16
[86] 1999-07-16 (PCT/US99/16124)
[87] 2000-01-27 (WO00/03932)
[30] US (60/093,130) 1998-07-16

[21] **2,337,883**
[13] A1

[51] **Int.Cl. 7A61K 7/06 7A61K 31/19**
[25] EN
[54] **METHOD FOR REGULATING HAIR GROWTH**
[54] **METHODE DE REGULATION DE LA POUSSE DES CHEVEUX**
[72] BRADBURY, JAMES BARTON, US
[72] GALE, CELESTE DAWN, US
[72] SCHAFFER, SHARI JOY, US
[72] KACZVINSKY, JOSEPH ROBERT JR., US
[72] BAILEY, DOROTHY, US
[71] THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER, US
[85] 2001-01-16
[86] 1999-07-16 (PCT/US99/16100)
[87] 2000-01-27 (WO00/03749)
[30] US (60/093,285) 1998-07-17

[21] **2,337,884**
[13] A1

[51] **Int.Cl. 7C12N 11/02 7C12P 41/00 7C08G 18/32**
[25] EN
[54] **ENZYM-CONTAINING POLYMERS**
[54] **POLYMERES CONTENANT UNE ENZYME**
[72] STURMER, RAINER, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
[85] 2001-01-16
[86] 1999-07-02 (PCT/EP99/04590)
[87] 2000-02-03 (WO00/05354)
[30] DE (198 32 547.9) 1998-07-21

[21] **2,337,904**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C12N 5/10 7C07K 16/18 7C07K 14/47 7G01N 33/53 7A61K 31/70 7C12N 15/86**
[25] EN
[54] **NOVEL GENES IN CONTROL OF HEMATOPOIESIS**
[54] **NOUVEAUX GENES DE REGULATION DE L'HEMATOPOIESE**
[72] SIRENKO, OKSANA IVANIVNA, US
[72] COOKE, MICHAEL PAUL, US
[72] HOLNESS, CLAIRE LOUISE, US
[71] NOVARTIS AG, CH
[85] 2001-01-31
[86] 1999-08-02 (PCT/EP99/05566)
[87] 2000-02-17 (WO00/08145)
[30] US (09/128,310) 1998-08-03

[21] **2,337,944**
[13] A1

[51] **Int.Cl. 7C07H 13/06**
[25] EN
[54] **LOWER ALKYL ESTER RECYCLING SYNTHESIS**
[54] **SYNTHESE DE RECYCLAGE D'ALKYLE-ESTERS INFERIEURS**
[72] HOWIE, JOHN KEENEY, US
[72] TROUT, JAMES EARL, US
[72] KENNEALLY, COREY JAMES, US
[72] SARAMA, ROBERT JOSEPH, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-01-17
[86] 1999-08-13 (PCT/US99/18593)
[87] 2000-02-24 (WO00/09528)
[30] US (60/096,364) 1998-08-13

[21] **2,337,945**
[13] A1

[51] **Int.Cl. 7C07C 229/38 7A61K 31/235**
[25] EN
[54] **.ALPHA.-AMINO ACID PHENYL ESTER DERIVATIVES**
[54] **DERIVES ESTERS PHENYLIQUES D'ACIDE .ALPHA.-AMINE**
[72] HAMILTON, NIALL MORTON, GB
[71] AKZO NOBEL N.V., NL
[85] 2001-01-17
[86] 1999-07-16 (PCT/EP99/05051)
[87] 2000-02-03 (WO00/05196)
[30] EP (98305837.1) 1998-07-22

[21] **2,337,946**
[13] A1

[51] **Int.Cl. 7C08L 57/08 7C08J 7/04 7E01C 11/24**
[25] EN
[54] **AQUEOUS FLUORINATED POLYMER DISPERSIONS CAPABLE TO PROTECT ASPHALTIC MATERIALS**
[54] **DISPERSIONS POLYMERES AQUEUSES FLUOREES CAPABLES DE PROTEGER DES PRODUITS ASPHALTIQUES**
[72] ORNSTEIN, IAN NEAL, US
[72] CHRIST, GEOFFREY CHARLES, US
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2001-01-17
[86] 1999-07-21 (PCT/EP99/05214)
[87] 2000-03-23 (WO00/15715)
[30] US (60/099,699) 1998-09-10

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[21] **2,337,947**
[13] A1
[51] **Int.Cl. 6B01D 46/52**
[25] EN
[54] **PLEATED FILTER AND METHOD OF MAKING THE SAME**
[54] **FILTRE A PLIS ET SON PROCEDE DE FABRICATION**
[72] REUTER, ROBERT J., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2001-01-17
[86] 1999-02-26 (PCT/US99/04304)
[87] 2000-02-10 (WO00/06287)
[30] US (09/123,641) 1998-07-28

[21] **2,337,949**
[13] A1
[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **METHODS OF POPULATING DATA STRUCTURES FOR USE IN EVOLUTIONARY SIMULATIONS**
[54] **PROCEDES DE CHARGEMENT DE STRUCTURES DE DONNEES UTILISEES DANS DES SIMULATIONS EVOLUTIVES**
[72] SELIFONOV, SERGEY A., US
[72] STEMMER, WILLEM P. C., US
[71] MAXYGEN, INC., US
[85] 2001-01-17
[86] 2000-01-18 (PCT/US00/01138)
[87] 2000-07-20 (WO00/42559)
[30] US (PCT/US00/01202) 1999-01-18
[30] US (09/484,850) 1999-01-18
[30] US (60/116,447) 1999-01-19
[30] US (60/118,813) 1999-02-05
[30] US (60/118,854) 1999-02-05
[30] US (60/141,049) 1999-06-24
[30] US (09/408,392) 1999-09-28
[30] US (09/408,393) 1999-09-28
[30] US (09/416,375) 1999-10-12
[30] US (09/416,837) 1999-10-12

[21] **2,337,950**
[13] A1
[51] **Int.Cl. 7E05B 65/46**
[25] EN
[54] **COMPARTMENT WITH DRAWERS AND STRUCTURE FOR ALLOWING ONLY ONE DRAWER TO BE OUTSIDE COMPARTMENT AT A TIME**
[54] **COMPARTIMENT AVEC LES TIROIRS ET LA STRUCTURE POUR PERMETTRE A UN SEUL TIROIR A LA FOIS DE SE TROUVER HORS DU COMPARTIMENT**
[72] SLIVON, GEORGE R., US
[71] SNAP-ON TOOLS CORPORATION, US
[85] 2001-01-17
[86] 2000-05-24 (PCT/US00/14237)
[87] 2000-11-30 (WO00/71844)
[30] US (09/318,922) 1999-05-26

[21] **2,337,951**
[13] A1
[51] **Int.Cl. 6G07F 19/00 6G06K 9/00 6H04N 1/04**
[25] EN
[54] **SECURE DOCUMENT READER AND METHOD THEREFOR**
[54] **LECTEUR DE DOCUMENTS SECURISES ET PROCEDE AFFERENT**
[72] FUNK, JOSEPH E., US
[72] WHITE, DARYL A., US
[71] IMAGING AUTOMATION, INC., US
[85] 2001-01-17
[86] 1999-04-27 (PCT/US99/09169)
[87] 2000-01-27 (WO00/04516)
[30] US (09/118,597) 1998-07-17

[21] **2,337,952**
[13] A1
[51] **Int.Cl. 7A43C 15/08**
[25] EN
[54] **SHOE SOLE PROVIDED WITH SPIKES OR HOBNAILED MEANS**
[54] **SEMELLE DE CHAUSSURE MUNIE DE CRAMPONS OU DE CLOUS**
[72] BIANCUCCI, DEMETRIO, IT
[72] BRASCA, ALFREDO, IT
[71] AL. PI. S.N.C. DI BELFIGLIO LUCIANA & C., IT
[85] 2001-01-17
[86] 1999-07-22 (PCT/IT99/00232)
[87] 2000-02-03 (WO00/04803)
[30] IT (RM98A000489) 1998-07-23

[21] **2,337,953**
[13] A1
[51] **Int.Cl. 7A01N 57/34 7A01N 37/16**
[25] EN
[54] **SYNERGISTIC ANTIMICROBIAL COMPOSITION OF PEROXYACETIC ACID AND A PHOSPHORUS COMPOUND**
[54] **COMPOSITION ANTI-MICROBIENNE SYNERGIQUE D'ACIDE PEROXYACETIQUE ET COMPOSE PHOSPHORE**
[72] AJOKU, KEVIN I., US
[72] WIATR, CHRISTOPHER L., US
[72] MILLER, PATRICK C., US
[71] CALGON CORPORATION, US
[85] 2001-01-17
[86] 1999-07-20 (PCT/US99/16463)
[87] 2000-02-03 (WO00/04777)
[30] US (09/120,717) 1998-07-22

[21] **2,337,954**
[13] A1
[51] **Int.Cl. 7C07D 237/30 7C07D 401/06 7C07D 405/06 7C07D 237/32 7C07D 237/34 7A61K 31/502**
[25] EN
[54] **PHTHALAZINE DERIVATIVES AS PHOSPHODIESTERASE 4 INHIBITORS**
[54] **DERIVES PHTALAZINE UTILISES EN TANT QU'INHIBITEURS DE PHOSPHODIESTERASES 4**
[72] GRANCINI, GIANCARLO, IT
[72] NAPOLETANO, MAURO, IT
[72] PELLACINI, FRANCO, IT
[72] NORCINI, GABRIELE, IT
[72] MORAZZONI, GABRIELE, IT
[71] ZAMBON GROUP S.P.A., IT
[85] 2001-01-17
[86] 1999-07-16 (PCT/EP99/05068)
[87] 2000-02-03 (WO00/05219)
[30] IT (MI98A001671) 1998-07-21

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[21] **2,337,963**
[13] A1

[51] **Int.Cl. 7C12N 15/86 7A61K 48/00**
[25] EN
[54] **LATENCY-ACTIVE REGULATORY SEQUENCES OF HERPESVIRUSES AND LATENCY-INACTIVE HERPESVIRUS FOR GENE TRANSFER**
[54] **SEQUENCES REGULATRICES DE L'HERPESVIRUS ACTIVES PENDANT LA LATENCE ET HERPESVIRUS INACTIFS PENDANT LA LATENCE DESTINES AU TRANSFERT DE GENES**
[72] EFSTATHIOU, STACEY, GB
[72] LACHMANN, ROBIN HENRY, GB
[71] CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED, GB
[85] 2001-01-30
[86] 1999-08-02 (PCT/GB99/02541)
[87] 2000-02-17 (WO00/08193)
[30] GB (9816770.3) 1998-07-31
[30] GB (9816773.7) 1998-07-31

[21] **2,337,964**
[13] A1

[51] **Int.Cl. 6A61K 38/16 6C07K 14/00 6A61K 38/18 6A61K 38/19 6C07K 14/475 6C07K 14/485 6C07K 14/495 6C07K 14/52**
[25] EN
[54] **TREATMENT OF CENTRAL NERVOUS SYSTEM ISCHEMIA OR TRAUMA WITH EPIDERMAL GROWTH FACTOR-LIKE POLYPEPTIDES**
[54] **TRAITEMENT DE L'ISCHEMIE OU DU TRAUMATISME DU SYSTEME NERVEUX CENTRAL AVEC DES POLYPEPTIDES DU TYPE FACTEUR DE CROISSANCE EPIDERMIQUE**
[72] FINKLESTEIN, SETH P., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2001-02-05
[86] 1999-08-06 (PCT/US99/18022)
[87] 2000-02-17 (WO00/07611)
[30] US (60/095,830) 1998-08-07

[21] **2,337,965**
[13] A1

[51] **Int.Cl. 7C12N 15/38 7C12N 7/04 7A61K 39/245 7A61K 39/27**
[25] EN
[54] **ATTENUATED EQUINE HERPESVIRUS**
[54] **VIRUS HERPETIQUE EQUIN ATTENUE**
[72] SONDERMEIJER, PAULUS JACOBUS ANTONIUS, NL
[72] DHORE, CHERIDA RACHEL, NL
[72] VISSER, NICOLAAS, NL
[71] AKZO NOBEL N.V., NL
[85] 2001-01-30
[86] 1999-07-26 (PCT/EP99/05476)
[87] 2000-02-17 (WO00/08165)
[30] EP (98202594.2) 1998-07-31

[21] **2,337,966**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C12N 7/01 7A61K 39/085 7C12N 1/21 7C07K 14/31**
[25] EN
[54] **VACCINE AGAINST STAPHYLOCOCCUS INTOXICATION**
[54] **VACCIN CONTRE L'INTOXICATION PAR LES STAPHYLOCOQUES**
[72] ULRICH, ROBERT G., US
[72] PUSHKO, PETER, US
[72] SMITH, JONATHAN F., US
[72] LEE, JOHN S., US
[71] U.S. MEDICAL RESEARCH INSTITUTE OF INFECTIOUS DISEASES, US
[85] 2001-02-01
[86] 1999-07-09 (PCT/US99/15569)
[87] 2000-01-20 (WO00/02523)
[30] US (60/092,416) 1998-07-10

[21] **2,337,967**
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C07H 21/04 7A61K 38/54**
[25] EN
[54] **URATE OXIDASE**
[54] **URATE OXYDASE**
[72] KELLY, SUSAN J., US
[72] HERSHFIELD, MICHAEL, US
[71] DUKE UNIVERSITY, US
[85] 2001-02-01
[86] 1999-08-05 (PCT/US99/17678)
[87] 2000-02-17 (WO00/08196)
[30] US (60/095,489) 1998-08-06

[21] **2,337,969**
[13] A1

[51] **Int.Cl. 7C12N 15/62 7A23J 3/04 7A61K 7/06 7C07K 14/31 7A61K 39/35 7C07K 14/38 7C07K 14/435 7C07K 14/47**
[25] EN
[54] **COMPOUND AND METHOD FOR THE PREVENTION AND/OR THE TREATMENT OF ALLERGY**
[54] **COMPOSE ET METHODE DE PREVENTION ET/OU DE TRAITEMENT DES ALLERGIES**
[72] JACQUEMIN, MARC, BE
[72] SAINT-REMY, JEAN-MARIE, BE
[71] UCB S.A., BE
[85] 2001-01-30
[86] 1999-07-20 (PCT/BE99/00092)
[87] 2000-02-10 (WO00/06694)
[30] EP (98870167.8) 1998-07-30

[21] **2,338,019**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07H 21/00 6C12Q 1/00 6C12N 5/10 6C12N 1/15 6C12N 1/21 6C07K 14/47 6C12N 15/63 6C12N 15/66 6C12Q 1/68**
[25] EN
[54] **PROSTATE DERIVED ETS FACTOR**
[54] **FACTEUR ETS DERIVE DE LA PROSTATE**
[72] OETTGEN, JOERG PETER, US
[72] KUNSCH, CHARLES A., US
[72] LIBERMANN, TOWIA ARON, US
[72] ENDRESS, GREGORY A., US
[72] ROSEN, CRAIG A., US
[71] HUMAN GENOME SCIENCES, INC., US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, US
[85] 2001-01-31
[86] 1999-08-02 (PCT/US99/17470)
[87] 2000-02-10 (WO00/06589)
[30] US (09/126,945) 1998-07-31

[21] **2,338,020**
[13] A1

[51] **Int.Cl. 7C12N 15/49 7C07K 14/16 7A61K 39/21 7G01N 33/68**
[25] EN
[54] **TRIMER OF HIV ENV GENE EXPRESSION PRODUCT**
[54] **TRIMERE DU PRODUIT D'EXPRESSION DU GENE ENV DE HIV**
[72] CHEVALIER, MICHEL, FR
[71] AVENTIS PASTEUR, FR
[85] 2001-01-30
[86] 1999-07-29 (PCT/FR99/01871)
[87] 2000-02-17 (WO00/08167)
[30] FR (98/10027) 1998-07-31

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<p style="text-align: right;">[21] 2,338,022 [13] A1</p> <p>[51] Int.Cl. 7C07K 14/16 7A61K 38/10 7A61K 38/12 [25] EN [54] INHIBITORS OF HIV MEMBRANE FUSION [54] INHIBITEURS DE LA FUSION DE LA MEMBRANE DU VIH [72] MALASHKEVICH, VLADIMIR, US [72] CARR, PETER A., US [72] KIM, PETER S., US [72] ECKERT, DEBRA M., US [72] CHAN, DAVID C., US [71] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US [85] 2001-01-30 [86] 1999-07-30 (PCT/US99/17351) [87] 2000-02-10 (WO00/06599) [30] US (60/094,676) 1998-07-30 [30] US (60/100,265) 1998-09-14 [30] US (60/101,058) 1998-09-18 [30] US (60/132,295) 1999-05-03</p>	<p style="text-align: right;">[21] 2,338,030 [13] A1</p> <p>[51] Int.Cl. 7B65D 25/10 [25] EN [54] DEVICE FOR TRANSPORTING BLOOD BAGS [54] DISPOSITIF DE TRANSPORT DE POCHE DE SANG [72] BARROIS, DAMIEN, FR [72] LAPRIE, ALAIN, FR [71] TRANSPORTS LAPRIE-BIOTRANS, FR [85] 2001-01-17 [86] 1999-07-21 (PCT/FR99/01785) [87] 2000-02-03 (WO00/05146) [30] FR (98/09526) 1998-07-22</p>	<p style="text-align: right;">[21] 2,338,033 [13] A1</p> <p>[51] Int.Cl. 7A61F 2/14 [25] EN [54] CORNEAL ONLAY [54] ONLAY CORNEEN [72] STEELE, JOHN GERARD, AU [72] DALTON, BEATRICE ANN, AU [72] FITTON, JANET HELEN, AU [72] EVANS, MARGARET DIANA MACRAE, AU [72] JOHNSON, GRAHAM, AU [72] GIPSON, ILENE KAY, US [71] NOVARTIS AG, CH [71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU [85] 2001-01-17 [86] 1999-08-10 (PCT/EP99/05836) [87] 2000-02-24 (WO00/09042) [30] EP (98115161.6) 1998-08-12</p>
<p style="text-align: right;">[21] 2,338,027 [13] A1</p> <p>[51] Int.Cl. 7H04J 13/00 [25] EN [54] OPTICAL CDMA USING A CASCADED MASK STRUCTURE [54] AMCR OPTIQUE RECOURANT A UNE STRUCTURE DE MASQUAGE EN CASCADE [72] DUTT, BIRENDRA, US [72] CHAN, JAMES K., US [71] CODESTREAM TECHNOLOGIES CORPORATION, US [85] 2001-01-17 [86] 2000-05-05 (PCT/US00/12235) [87] 2000-12-14 (WO00/76102) [30] US (60/134,451) 1999-05-17 [30] US (09/371,475) 1999-08-10</p>	<p style="text-align: right;">[21] 2,338,031 [13] A1</p> <p>[51] Int.Cl. 6A61F 2/02 6A61F 13/02 6A61K 9/20 6A61K 9/48 6A61K 9/50 [25] EN [54] BIODEGRADABLE COMPOSITIONS FOR THE CONTROLLED RELEASE OF ENCAPSULATED SUBSTANCES [54] COMPOSITIONS BIODEGRADABLES UTILISEES POUR LA LIBERATION REGULEE DE SUBSTANCES ENCAPSULEES [72] MANTRIPRAGADA, SANKARAM BHIMA, US [71] SKYEPHARMA, INC., US [85] 2001-01-17 [86] 1999-07-16 (PCT/US99/16239) [87] 2000-01-27 (WO00/03660) [30] US (60/093,243) 1998-07-17 [30] US (60/101,855) 1998-09-25 [30] US (60/123,097) 1999-03-05</p>	<p style="text-align: right;">[21] 2,338,034 [13] A1</p> <p>[51] Int.Cl. 7B65D 81/32 [25] EN [54] CONTAINER AND PACKAGING METHOD [54] RECIPIENT ET PROCEDE DE CONDITIONNEMENT [72] TYLDESLEY, FRANK, GB [72] BARNARDO, CHRISTOPHER JOHN ANDREW, GB [71] VANTICO AG, CH [85] 2001-01-17 [86] 1999-08-05 (PCT/GB99/02583) [87] 2000-02-24 (WO00/09417) [30] GB (9817576.3) 1998-08-12</p>
<p style="text-align: right;">[21] 2,338,028 [13] A1</p> <p>[51] Int.Cl. 6C03B 37/023 6C03B 37/028 6C03B 37/15 [25] EN [54] METHOD OF PRETHREADING A FIBER DRAW PROCESS [54] PROCEDE DE PREGUIDAGE DANS UNE OPERATION DE FIBRAGE [72] KELMER, KENNETH J., US [72] MCELHENY, DOUGLAS E., US [71] CORNING INCORPORATED, US [85] 2001-01-17 [86] 1999-06-24 (PCT/US99/14535) [87] 2000-02-03 (WO00/05179) [30] US (60/093,395) 1998-07-20</p>	<p style="text-align: right;">[21] 2,338,032 [13] A1</p> <p>[51] Int.Cl. 6A61B 19/00 [25] EN [54] DELIVERY OF A COMPOSITION TO THE LIVER BY UTILIZING THE PORTAL VEIN [54] APPORT D'UNE COMPOSITION AU FOIE PAR LA VEINE PORTE [72] MANN, MICHAEL J., US [71] MANN, MICHAEL J., US [85] 2001-01-17 [86] 1999-07-16 (PCT/US99/16069) [87] 2000-01-27 (WO00/03652) [30] US (09/118,645) 1998-07-17</p>	<p style="text-align: right;">[21] 2,338,035 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/22 7A61K 31/01 7A61K 31/05 7A61K 35/78 [25] EN [54] ANTIOXIDANT, ANTIPROLIFEROUS COMPOSITION, COMPRISING A CARNITINE AND A CAROTENOID [54] COMPOSITION ANTIOXYDANTE ET ANTIPROLIFERANTE COMPRENANT UNE CARNITINE ET UN CAROTENOIDE [72] CAVAZZA, CLAUDIO, IT [71] SIGMA-TAU HEALTHSCIENCE S.P.A., IT [85] 2001-01-17 [86] 1999-07-29 (PCT/IT99/00251) [87] 2000-02-17 (WO00/07581) [30] IT (RM98A000516) 1998-08-03</p>

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[21] **2,338,037**
[13] A1
[51] **Int.Cl. 6C07D 401/06 6C07D 403/06 6A61K 31/45 6A61K 31/495**
[25] EN
[54] **COMPOUNDS SPECIFIC FOR THE HUMAN .ALPHA.1D ADRENERGIC RECEPTOR AND USES THEREOF**
[54] **COMPOSES SPECIFIQUES DU RECEPTEUR ADRENERGIQUE .ALPHA.1D HUMAIN ET SES UTILISATIONS**
[72] WETZEL, JOHN M., US
[72] GLUCHOWSKI, CHARLES, US
[72] NOBLE, STEWART, US
[72] KONKEL, MICHAEL, US
[72] CRAIG, DOUGLAS A., US
[71] SYNAPTIC PHARMACEUTICAL CORPORATION, US
[85] 2001-01-17
[86] 1999-07-16 (PCT/US99/16101)
[87] 2000-01-27 (WO00/04012)
[30] US (09/118,323) 1998-07-17

[21] **2,338,062**
[13] A1
[51] **Int.Cl. 6C08L 23/10 6C09J 7/02**
[25] EN
[54] **POLYMER BLENDS AND TAPES THEREFROM**
[54] **MELANGES DE POLYMERES ET RUBANS ASSOCIES**
[72] FRANZWA, SARAH A., US
[72] SOLOMONSON, STEVEN D., US
[72] KOLLAJA, RICHARD A., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2001-01-17
[86] 1999-01-04 (PCT/US99/00016)
[87] 2000-02-03 (WO00/05305)
[30] US (09/119,494) 1998-07-20

[21] **2,338,063**
[13] A1
[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSMITTING VARIABLE-LENGTH DATA ACCORDING TO A RADIO LINK PROTOCOL IN A MOBILE COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE POUR EMETTRE DES DONNEES DE LONGUEUR VARIABLE SELON UN PROTOCOLE DE LIAISON RADIOELECTRIQUE DANS UN SYSTEME DE COMMUNICATION MOBILE**
[72] CHANG, HOON, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2001-01-17
[86] 2000-05-27 (PCT/KR00/00547)
[87] 2000-12-07 (WO00/74344)
[30] KR (1999/20081) 1999-05-27

[21] **2,338,064**
[13] A1
[51] **Int.Cl. 7H04Q 7/20**
[25] EN
[54] **APPARATUS AND METHOD FOR ADAPTIVE MAP CHANNEL DECODING IN RADIO TELECOMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE DE DECODAGE DE VOIE ADAPTATIF "MAP" DANS UN SYSTEME DE TELECOMMUNICATION RADIO**
[72] KIM, MIN-GOO, KR
[72] KIM, BEONG-JO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2001-01-17
[86] 2000-05-29 (PCT/KR00/00554)
[87] 2000-12-07 (WO00/74399)
[30] KR (1999/19476) 1999-05-28

[21] **2,338,065**
[13] A1
[51] **Int.Cl. 7H01S 5/026 7H01L 31/12 7H01L 27/15 7H01L 21/20 7H01S 5/343**
[25] EN
[54] **ELECTRO-OPTIC SEMICONDUCTOR DEVICES AND METHOD FOR MAKING THE SAME**
[54] **DISPOSITIFS ELECTRO-OPTIQUES SEMI-CONDUCTEURS ET PROCEDES DE FABRICATION CORRESPONDANTS**
[72] MARTIN, TREVOR, GB
[72] KANE, MICHAEL JOHN, GB
[71] THE SECRETARY OF STATE FOR DEFENCE, GB
[85] 2001-01-17
[86] 1999-07-15 (PCT/GB99/02285)
[87] 2000-01-27 (WO00/04616)
[30] GB (9815573.2) 1998-07-18

[21] **2,338,066**
[13] A1
[51] **Int.Cl. 7A61K 31/485 7A61K 31/415**
[25] EN
[54] **TREATMENT OF DYSKINESIA**
[54] **TRAITEMENT DE LA DYSKINESIE**
[72] BROTHIE, JONATHAN, GB
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB
[85] 2001-01-17
[86] 1999-07-16 (PCT/GB99/02146)
[87] 2000-01-27 (WO00/03715)
[30] GB (9815618.5) 1998-07-18

[21] **2,338,067**
[13] A1
[51] **Int.Cl. 7H04Q 7/38 7H04M 3/42**
[25] EN
[54] **META-SERVICE ACTIVATING INTERFACE BETWEEN A CUSTOMER ADMINISTRATIVE SYSTEM AND DATABASE NETWORK ELEMENTS OF A COMMUNICATIONS NETWORK**
[54] **INTERFACE COMMANDANT UN META-SERVICE ENTRE UN SYSTEME DE GESTION CLIENT ET DES ELEMENTS DE BASE DE DONNEES DE RESEAU DANS UN RESEAU DE COMMUNICATION**
[72] GOURRAUD, CHRISTOPHE, CA
[72] GLITHO, ROCH, CA
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-01-17
[86] 1999-06-29 (PCT/SE99/01173)
[87] 2000-02-03 (WO00/05914)
[30] US (09/119,131) 1998-07-20

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[21] **2,338,068**
[13] A1

[51] **Int.Cl. 7A61K 35/60 7C07G 17/00 7A61P 35/00**
[25] EN
[54] **LOW MOLECULAR WEIGHT COMPONENTS OF SHARK CARTILAGE, PROCESSES FOR THEIR PREPARATION AND THERAPEUTIC USES THEREOF**
[54] **COMPOSANTS, DE FAIBLE POIDS MOLECULAIRE, DE CARTILAGE DE REQUIN, PROCEDES DE PREPARATION ET APPLICATIONS THERAPEUTIQUES**
[72] LESSARD, DENIS, CA
[72] AUGER, SERGE, CA
[72] DUPONT, ERIC, CA
[72] LACHANCE, YVES, CA
[71] LES LABORATOIRES AETERNA INC., CA
[85] 2001-01-18
[86] 1999-07-23 (PCT/CA99/00674)
[87] 2000-02-03 (WO00/04910)
[30] US (09/122,481) 1998-07-23

[21] **2,338,070**
[13] A1

[51] **Int.Cl. 6A61K 9/16 6A61K 9/58 6A61K 9/62**
[25] EN
[54] **DILTIAZEM CONTROLLED RELEASE FORMULATION AND METHOD OF MANUFACTURE**
[54] **FORMULATION DE DILTIAZEM A LIBERATION LENTE ET PROCEDE DE FABRICATION ASSOCIE**
[72] JAN, STEVE, US
[72] CHENG, XIU XIU, US
[72] CHEN, CHIH-MING, US
[71] ANDRX PHARMACEUTICALS, INC., US
[85] 2001-01-18
[86] 1999-07-16 (PCT/US99/12375)
[87] 2000-02-03 (WO00/04883)
[30] US (09/119,323) 1998-07-20

[21] **2,338,071**
[13] A1

[51] **Int.Cl. 7B32B 27/08**
[25] EN
[54] **HEAT-SHRINKABLE FILM**
[54] **FILM THERMO-RETRACTABLE**
[72] ESPINEL, R. KARINA, US
[72] RAMESH, RAM K., US
[71] CRYOVAC, INC., US
[85] 2001-01-18
[86] 1999-07-16 (PCT/US99/16169)
[87] 2000-02-03 (WO00/05067)
[30] US (09/120,931) 1998-07-22
[30] US (09/145,635) 1998-09-02

[21] **2,338,072**
[13] A1

[51] **Int.Cl. 7D21H 25/00**
[25] EN
[54] **APPARATUS AND METHOD FOR GRINDING WEBS MADE OF FIBER MATERIAL**
[54] **APPAREIL ET PROCEDE DE DEFIBRAGE DE BANDES CONTINUES CONSTITUEES DE MATIERE FIBREUSE**
[72] AHONEN, HEIKKI, FI
[72] DETTLING, BERNHARD, FR
[71] IDI-HEAD OY, FI
[85] 2001-01-18
[86] 1999-07-22 (PCT/FI99/00638)
[87] 2000-02-17 (WO00/08255)
[30] FI (981651) 1998-07-22
[30] FI (990074) 1999-01-15
[30] FI (991269) 1999-06-03

[21] **2,338,073**
[13] A1

[51] **Int.Cl. 6A61K 31/495 6C07D 295/182 6A61K 31/195 6A61K 31/445 6A61K 47/48**
[25] EN
[54] **NOVEL UROKINASE INHIBITORS**
[54] **NOUVEAUX INHIBITEURS D'UROKINASE**
[72] FOEKENS, JOHN, NL
[72] MAGDOLEN, VIKTOR, DE
[72] STURZEBECHER, JORG, DE
[72] WILHELM, OLAF, DE
[72] LUTZ, VERENA, DE
[71] WILEX BIOTECHNOLOGY GMBH, DE
[85] 2001-01-18
[86] 1999-07-20 (PCT/EP99/05145)
[87] 2000-02-03 (WO00/04954)
[30] EP (98113519.7) 1998-07-20

[21] **2,338,074**
[13] A1

[51] **Int.Cl. 7C21B 13/00 7C21B 13/14**
[25] EN
[54] **METHOD FOR PRODUCING LIQUID PIG IRON**
[54] **PROCEDE DE FABRICATION DE FONTE BRUTE LIQUIDE**
[72] KEPPLINGER, LEOPOLD WERNER, AT
[72] ZAHEDI, PARVIZ, AT
[72] WURM, JOHANN, AT
[72] WIEDER, KURT, AT
[72] STOCKINGER, JOSEF, AT
[72] MIZELLI, HERBERT, AT
[71] DEUTSCHE VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, DE
[85] 2001-01-18
[86] 1999-07-12 (PCT/EP99/04876)
[87] 2000-02-24 (WO00/09764)
[30] AT (A 1393/98) 1998-08-13

[21] **2,338,076**
[13] A1

[51] **Int.Cl. 7A61K 7/021 7A61K 7/035 7A61K 7/48**
[25] EN
[54] **COSMETIC COMPOSITIONS CONTAINING FLUORESCENT MINERALS**
[54] **COMPOSITIONS COSMETIQUES CONTENANT DES MINERAUX FLUORESCENTS**
[72] CIOCA, GHEORGHE, US
[72] BEVACQUA, ANDREW J., US
[72] GUBERNICK, JOSEPH, US
[72] GEORGE, LILIANA, US
[71] COLOR ACCESS, INC., US
[85] 2001-01-18
[86] 1999-09-23 (PCT/US99/22078)
[87] 2000-12-07 (WO00/72808)
[30] US (09/320,602) 1999-05-26

[21] **2,338,078**
[13] A1

[51] **Int.Cl. 6F23C 7/00 6F24H 9/20 6F23D 14/82**
[25] EN
[54] **AIR INLETS FOR GAS WATER HEATERS**
[54] **ADMISSIONS D'AIR POUR CHAUFFE-EAU AU GAZ**
[72] WHITFORD, GEOFFREY MERVYN, AU
[72] VALCIC, ZORAN, AU
[72] BOURKE, BRENDAN VINCENT, AU
[71] SRP687 PTY LIMITED, AU
[85] 2001-01-18
[86] 1998-07-24 (PCT/AU98/00585)
[87] 2000-02-10 (WO00/06947)

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[21] **2,338,079**
[13] A1

[51] **Int.Cl. 6D04H 1/40**
[25] EN
[54] **SUPER WATER-ABSORBENT COMPOSITE AND METHOD FOR PREPARATION THEREOF**
[54] **COMPOSITE SUPER HYDROPHILE ET SON PROCEDE DE PREPARATION**
[72] MORI, SHINGO, JP
[72] SUZUKI, MIGAKU, JP
[71] JAPAN ABSORBENT TECHNOLOGY INSTITUTE, JP
[71] MITSUBISHI CORPORATION, JP
[85] 2001-01-18
[86] 1999-07-19 (PCT/JP99/03875)
[87] 2000-02-03 (WO00/05444)
[30] JP (10/205280) 1998-07-21

[21] **2,338,081**
[13] A1

[51] **Int.Cl. 6B60J 10/06 6B60J 10/04 6B60J 10/04**
[25] EN
[54] **DECORATIVE MOLDING ASSEMBLY FOR A VEHICLE DOOR FRAME**
[54] **ENSEMBLE MOULE DECORATIF POUR CADRE DE PORTE DE VEHICULE**
[72] ELLIS, PETER J., US
[71] DECOMA EXTERIOR TRIM INC., CA
[85] 2001-01-18
[86] 1998-12-23 (PCT/CA98/01159)
[87] 2000-02-10 (WO00/06406)
[30] US (60/094,526) 1998-07-29
[30] US (09/215,801) 1998-12-18

[21] **2,338,082**
[13] A1

[51] **Int.Cl. 6A61L 2/04**
[25] EN
[54] **DEVICE FOR THE ENCAPSULATION OF PLASTIC SYRINGES**
[54] **DISPOSITIF D'ENCAPSULATION DE SERINGUES EN PLASTIQUE**
[72] YELVINGTON, RICHARD, US
[71] IMAGINATION MEDICAL, INC., US
[85] 2001-01-18
[86] 1998-07-20 (PCT/US98/14952)
[87] 2000-02-03 (WO00/04931)

[21] **2,338,083**
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04B 7/26**
[25] EN
[54] **BASE STATION HANDOVER IN A HYBRID GSM/CDMA NETWORK**
[54] **TRANSFERT DEPUIS UNE STATION DE BASE DANS UN RESEAU HYBRIDE GSM/CDMA**
[72] CASPI, DROR, IL
[72] GARDNER, WILLIAM, US
[72] MENDELSON, ASSAF, IL
[72] BRYGER, BOAZ E., IL
[72] VAKULENKO, MICHAEL, IL
[72] KESSLER, ILAN, IL
[72] KOLOR, SERGIO, IL
[72] NEVO, RON, IL
[72] NIZRI, SHLOMO, IL
[72] LEVY, ATAI, IL
[72] RIMONI, YORAM, IL
[72] SHIDELMAN, DROR, IL
[71] QUALCOMM INCORPORATED, US
[85] 2001-01-18
[86] 1999-07-19 (PCT/US99/16250)
[87] 2000-01-27 (WO00/04729)
[30] US (09/119,717) 1998-07-20

[21] **2,338,084**
[13] A1

[51] **Int.Cl. 7H01F 41/02**
[25] EN
[54] **CONTINUOUS WINDING PROCESS AND APPARATUS FOR ELECTRICAL TRANSFORMER CORES**
[54] **PROCEDE DE BOBINAGE CONTINU ET APPAREIL POUR NOYAUX DE TRANSFORMATEURS ELECTRIQUES**
[72] CAMPBELL, THOMAS R., US
[72] CRINITI, JOSEPH, US
[72] ATTARIAN, FARSHID, US
[72] LARRANAGA, JAVIER IGNACIO, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2001-01-18
[86] 2000-05-12 (PCT/US00/13024)
[87] 2000-12-14 (WO00/75937)
[30] US (09/326,295) 1999-06-07

[21] **2,338,085**
[13] A1

[51] **Int.Cl. 6H04Q 3/00**
[25] EN
[54] **INTELLIGENT TRAFFIC ROUTING**
[54] **ACHEMINEMENT DE TRAFIC INTELLIGENT**
[72] MALIK, DALE W., US
[71] BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, US
[85] 2001-01-18
[86] 1999-03-16 (PCT/US99/05758)
[87] 2000-02-24 (WO00/10344)
[30] US (09/133,299) 1998-08-12

[21] **2,338,086**
[13] A1

[51] **Int.Cl. 7H04Q 3/00**
[25] EN
[54] **ROUTING OF INTERNET CALLS**
[54] **ACHEMINEMENT DES APPELS INTERNET**
[72] RAINWATER, JAMES S., US
[72] FLEMING, NORMAN WAYNE, US
[71] BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, US
[85] 2001-01-18
[86] 1999-07-20 (PCT/US99/16434)
[87] 2000-02-24 (WO00/10343)
[30] US (09/132,961) 1998-08-12

[21] **2,338,089**
[13] A1

[51] **Int.Cl. 7A61K 7/48**
[25] EN
[54] **TOPICAL MOISTURE REGULATING COMPOSITIONS**
[54] **COMPOSITIONS REGULANT LA MOITEUR LOCALISEE**
[72] CHEN, MICHELL M., US
[72] NAZAR, SHAHAN, US
[72] PARDO, JANET, US
[72] CASTRO, JOHN R., US
[71] COLOR ACCESS, INC., US
[85] 2001-01-18
[86] 1999-07-20 (PCT/US99/16393)
[87] 2000-02-10 (WO00/06114)
[30] US (09/127,711) 1998-07-30

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[21] **2,338,090**
[13] A1

[51] **Int.Cl. 7A61K 31/765 7A61K 31/19 7A23L 1/30**
[25] EN
[54] **NUTRITIONAL AND THERAPEUTIC USES OF 3-HYDROXYALKANOATE OLIGOMERS**
[54] **UTILISATIONS NUTRITIONNELLES ET THERAPEUTIQUES D'OLIGOMERES DE 3-HYDROXYALCANOATE**
[72] MARTIN, DAVID P., US
[72] PEOPLES, OLIVER P., US
[72] WILLIAMS, SIMON F., US
[72] ZHONG, LUHUA, US
[71] METABOLIX, INC., US
[85] 2001-01-18
[86] 1999-07-22 (PCT/US99/16614)
[87] 2000-02-03 (WO00/04895)
[30] US (60/093,760) 1998-07-22

[21] **2,338,091**
[13] A1

[51] **Int.Cl. 7A61K 7/48**
[25] EN
[54] **COSMETIC COMPOSITIONS CONTAINING OPTICAL BRIGHTENERS**
[54] **COMPOSITIONS COSMETIQUES RENFERMANT DES AZUREURS OPTIQUES**
[72] COHEN, ISAAC D., US
[71] COLOR ACCESS, INC., US
[85] 2001-01-18
[86] 2000-05-23 (PCT/US00/14141)
[87] 2000-11-30 (WO00/71085)
[30] US (09/320,153) 1999-05-26

[21] **2,338,093**
[13] A1

[51] **Int.Cl. 6A61K 39/385**
[25] EN
[54] **VACCINES AGAINST ESCHERICHIA COLI O157 INFECTION**
[54] **VACCINS CONTRE L'INFECTION DUE A L'ESCHERICHIA COLI O157**
[72] SZU, SHOUSUN C., US
[72] ROBBINS, JOHN B., US
[72] KONADU, EDWARD (Deceased), US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US
[85] 2001-01-18
[86] 1998-07-20 (PCT/US98/14976)
[87] 2000-02-03 (WO00/04922)

[21] **2,338,095**
[13] A1

[51] **Int.Cl. 7C08F 265/04 7C08F 285/00 7C08L 51/00 7C08L 57/00 7A01N 25/10 7A61K 9/20 7C04B 24/26 7G01N 30/48**
[25] EN
[54] **METHOD FOR PRODUCING AQUEOUS DISPERSIONS OF (CO)POLYMERS, DISPERSIONS OBTAINED USING SAID METHOD, REDISPERSIBLE POWDERS WHICH CAN BE OBTAINED FROM SAID DISPERSIONS AND USE THEREOF**
[54] **PROCEDE DE PRODUCTION DE DISPERSIONS AQUEUSES DE (CO-)POLYMERES, DISPERSIONS PRODUITES SELON CE PROCEDE, POUDES REDISPERSIBLES OBTENUES A PARTIR DE CES DISPERSIONS ET LEUR UTILISATION**
[72] WILLIMANN, HONGLI, CH
[72] KOELLIKER, ROBERT, CH
[71] ELOTEX AG, CH
[85] 2001-01-18
[86] 1999-07-21 (PCT/EP99/05206)
[87] 2000-02-03 (WO00/05283)
[30] DE (198 33 066.9) 1998-07-22

[21] **2,338,098**
[13] A1

[51] **Int.Cl. 7H03F 3/21 7H03F 1/56 7H03F 3/68**
[25] EN
[54] **HIGH GAIN, IMPEDANCE MATCHING LOW NOISE RF AMPLIFIER CIRCUIT**
[54] **CIRCUIT AMPLIFICATEUR H.F. A ADAPTATION D'IMPEDANCE, A FAIBLE BRUIT ET A GAIN ELEVE**
[72] CHO, THOMAS BYUNGHAK, US
[71] LEVEL ONE COMMUNICATIONS, INC., US
[85] 2001-01-18
[86] 1999-07-15 (PCT/US99/16208)
[87] 2000-02-03 (WO00/05808)
[30] US (09/121,218) 1998-07-23

[21] **2,338,099**
[13] A1

[51] **Int.Cl. 6H04L 12/66 6H04J 1/00 6H04M 11/00 6H04M 1/56**
[25] EN
[54] **TELECOMMUNICATIONS SYSTEM, METHOD AND SUBSCRIBER UNIT FOR USE THEREIN**
[54] **SYSTEME DE TELECOMMUNICATIONS, PROCEDE ET UNITE D'ABONNE ASSOCIES**
[72] PICKARD, MICHAEL STEVEN, US
[72] KAGAN, DENISE VIOLETTA, US
[72] BOSSEMEYER, ROBERT WESLEY JR., US
[72] GORMAN, MICHAEL GEORGE, US
[72] NEUMANN, JEFFREY, US
[72] GOERING, SCOTT CHRISTOPHER, US
[72] ORWICK, DAVID, US
[72] TISIKER, MICHAEL, US
[72] STUCKMAN, BRUCE EDWARD, US
[71] AMERITECH CORPORATION, US
[85] 2001-01-18
[86] 1999-07-16 (PCT/US99/16065)
[87] 2000-01-27 (WO00/04683)
[30] US (09/119,094) 1998-07-20

[21] **2,338,129**
[13] A1

[51] **Int.Cl. 6A47J 39/00 6F24C 15/32**
[25] EN
[54] **APPARATUS FOR COOKING DISHES BY HEATING**
[54] **APPAREIL POUR LA CUISSON DE PLATS PAR APPORT DE CHALEUR**
[72] RIESSELMANN, GOTTFRIED, DE
[71] RIESSELMANN, GOTTFRIED, DE
[85] 2001-01-18
[86] 1998-07-10 (PCT/EP98/04282)
[87] 1999-01-28 (WO99/04202)
[30] DE (197 30 829.5) 1997-07-18

[21] **2,338,132**
[13] A1

[51] **Int.Cl. 6B61L 5/00**
[25] EN
[54] **RAILWAY SWITCH CIRCUIT CONTROLLER**
[54] **DISPOSITIF DE COMMANDE DU CIRCUIT D'AIGUILLAGE DE RAILS**
[72] MCQUISTIAN, KEVIN M., US
[71] UNION SWITCH & SIGNAL, INC., US
[85] 2001-01-18
[86] 1999-07-14 (PCT/US99/12373)
[87] 2000-02-03 (WO00/05121)
[30] US (09/120,610) 1998-07-22

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[21] **2,338,133**
[13] A1

[51] **Int.Cl. 6H04L 12/28**
[25] EN
[54] **RADIO COMMUNICATION APPARATUS IN RADIO PACKET COMMUNICATION SYSTEM**
[54] **DISPOSITIF DE RADIOCOMMUNICATION POUR SYSTEME DE RADIOCOMMUNICATION PAR PAQUETS**
[72] OSAWA, TOMOKI, JP
[72] ISHII, KENICHI, JP
[71] NEC CORPORATION, JP
[85] 2001-01-18
[86] 1999-07-21 (PCT/JP99/03896)
[87] 2000-02-03 (WO00/05843)
[30] JP (10/205682) 1998-07-21

[21] **2,338,134**
[13] A1

[51] **Int.Cl. 7G06K 7/00**
[25] EN
[54] **APPLICATION FOR A RADIO FREQUENCY IDENTIFICATION SYSTEM**
[54] **APPLICATION POUR UN SYSTEME D'IDENTIFICATION A RADIOFREQUENCE**
[72] PIOTROWSKI, CHESTER, US
[72] GONZALEZ, BERNARD A., US
[72] GOFF, EDWARD D., US
[72] TSAI, CHING-LONG, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2001-01-18
[86] 1999-08-05 (PCT/US99/17851)
[87] 2000-02-24 (WO00/10112)
[30] US (09/134,687) 1998-08-14

[21] **2,338,135**
[13] A1

[51] **Int.Cl. 7B65D 85/10**
[25] EN
[54] **PACK FOR SMOKING ARTICLES**
[54] **PAQUET POUR ARTICLES A FUMER**
[72] TAYLOR, RODNEY GEORGE, GB
[72] LUTON, COLIN DENNIS, GB
[71] IMPERIAL TOBACCO LIMITED, GB
[85] 2001-01-18
[86] 1999-07-02 (PCT/GB99/02118)
[87] 2000-02-03 (WO00/05151)
[30] EP (98305845.4) 1998-07-22

[21] **2,338,142**
[13] A1

[51] **Int.Cl. 7H01B 9/00 7G02B 6/44**
[25] EN
[54] **HYBRID ELECTRICAL-OPTICAL CABLE FOR OVERHEAD INSTALLATIONS**
[54] **CABLE OPTO-ELECTRIQUE HYBRIDE POUR INSTALLATIONS AERIENNES**
[72] CASANOVA, GIUSEPPE, IT
[72] BELLI, SERGIO, IT
[72] MARELLI, PAOLO, IT
[72] ZACCONE, ERNESTO, IT
[71] PIRELLI CAVI E SISTEMI S.P.A., IT
[85] 2001-01-18
[86] 1999-07-16 (PCT/EP99/05023)
[87] 2000-02-03 (WO00/05730)
[30] IT (MI98A001658) 1998-07-20

[21] **2,338,143**
[13] A1

[51] **Int.Cl. 6C12N 1/16 6C12N 5/00 6C12N 9/00 6C12N 15/00 6C12N 11/08 6C12N 1/20**
[25] EN
[54] **METHOD FOR ENHANCING CATALYTIC ACTIVITY OF CELLS**
[54] **METHODE POUR AMELIORER L'ACTIVITE CATALYTIQUE DE CELLULES**
[72] KONDO, AKIHIKO, JP
[72] FUKUDA, HIDEKI, JP
[71] KANSAI CHEMICAL ENGINEERING CO., LTD., JP
[85] 2001-01-18
[86] 1999-07-13 (PCT/JP99/03782)
[87] 2000-02-03 (WO00/05340)
[30] JP (10/205622) 1998-07-21

[21] **2,338,144**
[13] A1

[51] **Int.Cl. 6B05D 1/38 6B05D 3/12**
[25] EN
[54] **METHOD FOR PRESSURE TREATING WOOD**
[54] **PROCEDE D'IMPREGNATION SOUS PRESSION DU BOIS**
[72] BARNISIN, MICHAEL A., JR., US
[71] COATING DEVELOPMENT GROUP, INC., US
[85] 2001-01-18
[86] 1999-06-17 (PCT/US99/13730)
[87] 1999-12-23 (WO99/65615)
[30] US (06/089,545) 1998-06-17

[21] **2,338,145**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **NETWORK-BASED TRADING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ECHANGE DE TITRES EN RESEAU**
[72] MIRAL, KIM-E., US
[71] MEK SECURITIES LLC, US
[85] 2001-01-18
[86] 2000-03-22 (PCT/US00/07561)
[87] 2000-11-23 (WO00/70506)
[30] US (60/134,956) 1999-05-19
[30] US (09/533,088) 2000-03-22

[21] **2,338,174**
[13] A1

[51] **Int.Cl. 7C02F 1/44 7B01D 65/02 7B01D 65/10 7B01D 61/18**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE FILTRATION D'EAU PAR MEMBRANE**
[54] **METHOD AND DEVICE FOR MEMBRANE FILTERING OF WATER**
[72] ESPENAN, JEAN-MICHEL, FR
[72] SAUX, FRANC, FR
[71] S.A. POLYMEM, FR
[85] 2001-01-19
[86] 1999-07-21 (PCT/FR99/01781)
[87] 2000-02-10 (WO00/06500)
[30] FR (98/09609) 1998-07-28
[30] FR (99/01674) 1999-02-08

[21] **2,338,175**
[13] A1

[51] **Int.Cl. 7B60C 15/00 7B60C 15/06**
[25] FR
[54] **BOURRELET DE PNEUMATIQUE RADIAL SANS TRINGLE**
[54] **RADIAL TYRE BEAD WITHOUT BEAD CORE**
[72] AHOUANTO, MICHEL, FR
[72] PATTERSON, FORREST, FR
[72] BESTGEN, LUC, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[71] SOCIETE DE TECHNOLOGIE MICHELIN, FR
[85] 2001-01-22
[86] 1999-06-28 (PCT/EP99/04462)
[87] 2000-02-03 (WO00/05084)
[30] FR (98/09452) 1998-07-23

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[21] **2,338,176**
[13] A1
[51] **Int.Cl. 7A43B 13/12**
[25] FR
[54] **SEMELLE DE CHAUSSURE**
[54] **SHOE SOLE**
[72] DAVID, LOIC, FR
[72] RIVET, JEAN-JACQUES, FR
[72] MAESTRO, MICHEL, FR
[71] SOCIÉTÉ D'IMPORTATION DE
DIFFUSION OU DISTRIBUTION
D'ARTICLES DE SPORT -, FR
[85] 2001-01-22
[86] 2000-05-25 (PCT/FR00/01421)
[87] 2000-12-07 (WO00/72713)
[30] FR (99/06899) 1999-05-26

[21] **2,338,177**
[13] A1
[51] **Int.Cl. 7A41D 31/00**
[25] FR
[54] **COMPLEXE TEXTILE POUR LA
REALISATION DE VETEMENTS DE
PROTECTION THERMIQUE**
[54] **TEXTILE COMPLEX FOR
MAKING CLOTHES FOR
PROTECTION AGAINST HEAT**
[72] LANIER, THIERRY, FR
[71] EUROPROTECT FRANCE S.A., FR
[85] 2001-01-22
[86] 1999-07-23 (PCT/FR99/01822)
[87] 2000-02-03 (WO00/04798)
[30] FR (98/09582) 1998-07-23

[21] **2,338,178**
[13] A1
[51] **Int.Cl. 7A62B 9/02**
[25] FR
[54] **REGULATEUR A LA DEMANDE
POUR SYSTEME RESPIRATOIRE**
[54] **STANDBY REGULATOR FOR
BREATHING SYSTEM**
[72] MARTINEZ, PATRICE, FR
[72] BARDEL, MICHEL, FR
[71] INTERTECHNIQUE, FR
[85] 2001-01-22
[86] 1999-07-22 (PCT/FR99/01803)
[87] 2000-02-03 (WO00/04956)
[30] FR (98/09493) 1998-07-24

[21] **2,338,180**
[13] A1
[51] **Int.Cl. 7C12M 1/33 7C12N 1/06
7C12M 3/08**
[25] FR
[54] **DISPOSITIF PERFECTIONNE ET
PROCEDE DE LYSE DE MICRO-
ORGANISMES**
[54] **IMPROVED DEVICE AND
METHOD FOR LYSIS OF MICRO-
ORGANISMS**
[72] JARAVEL, CECILE, FR
[72] SANTORO, LYSE, FR
[72] COLIN, BRUNO, FR
[72] CLEUZIAT, PHILIPPE, FR
[72] BROYER, PATRICK, FR
[71] BIO MERIEUX, FR
[85] 2001-01-23
[86] 1999-06-03 (PCT/FR99/01309)
[87] 2000-02-03 (WO00/05338)
[30] FR (98/09583) 1998-07-23

[21] **2,338,181**
[13] A1
[51] **Int.Cl. 7H05K 3/34**
[25] FR
[54] **PROCEDE DE BRASAGE PAR
REFUSION DE COMPOSANTS
ELECTRONIQUES UTILISANT DES
PRE-DEPOTS D'ALLIAGE DE
BRASURE ET DISPOSITIF DE
BRASAGE POUR LA MISE EN OEUVRE
D'UN TEL PROCEDE**
[54] **METHOD FOR BRAZING BY
SOLDER REFLOW ELECTRONIC
COMPONENTS USING PRE-DEPOSITS
OF SOLDER ALLOY AND BRAZING
DEVICE THEREFOR**
[72] CONOR, GILLES, FR
[72] CARSAK, CLAUDE, FR
[72] SINDZINGRE, THIERRY, FR
[71] L' AIR LIQUIDE, SOCIETE
ANONYME POUR L'ETUDE ET
L'EXPLOITATION DES PROCED, FR
[85] 2001-01-25
[86] 1999-07-08 (PCT/FR99/01658)
[87] 2000-02-10 (WO00/07418)
[30] FR (98/09774) 1998-07-30

[21] **2,338,182**
[13] A1
[51] **Int.Cl. 7F16L 55/172**
[25] FR
[54] **DISPOSITIF DE COLMATAGE DE
FUI TE DANS UNE CANALISATION**
[54] **DEVICE FOR STOPPING A LEAK
IN A PIPE**
[72] BOULET D'AURIA, STANISLAS, FR
[71] SUBMIN LIMITED, IE
[71] 3X ENGINEERING, MC
[85] 2001-01-24
[86] 1999-08-12 (PCT/FR99/01982)
[87] 2000-02-24 (WO00/09936)
[30] FR (98/10531) 1998-08-12

[21] **2,338,189**
[13] A1
[51] **Int.Cl. 7H04N 7/173 7H04L 5/06
7H04N 7/081 7H04L 5/14**
[25] EN
[54] **METHOD AND APPARATUS FOR
DATA COMMUNICATION**
[54] **PROCEDE ET APPAREIL DE
COMMUNICATION DE DONNEES**
[72] SAHLIN, DAN, SE
[71] TELEFONAKTIEBOLAGET LM
ERICSSON, SE
[85] 2001-01-19
[86] 1999-07-19 (PCT/SE99/01292)
[87] 2000-02-03 (WO00/05895)
[30] SE (9802580-2) 1998-07-20

[21] **2,338,190**
[13] A1
[51] **Int.Cl. 7C08F 210/16**
[25] EN
[54] **ETHYLENE TERPOLYMERS AND
PROCESS FOR THEIR PREPARATION**
[54] **TERPOLYMERES D'ETHYLENE
ET LEUR PROCEDE DE
PREPARATION**
[72] JOUBERT, DAWID JOHANNES, ZA
[72] TINCUL, IOAN, ZA
[72] YOUNG, DESMOND AUSTIN, ZA
[71] SASOL TECHNOLOGY
(PROPRIETARY) LIMITED, ZA
[85] 2001-01-19
[86] 1999-07-19 (PCT/IB99/01293)
[87] 2000-02-03 (WO00/05280)
[30] ZA (98/6441) 1998-07-20

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[21] **2,338,192**
[13] A1

[51] **Int.Cl. 7C02F 11/04 7C12M 1/33**
[25] EN
[54] **METHOD OF LIQUEFYING MICROORGANISMS DERIVED FROM BIOLOGICAL WASTEWATER TREATMENT PROCESSES**
[54] **PROCEDE DE LIQUEFACTION DES MICRO-ORGANISMES DERIVES DES PROCESSUS DE TRAITEMENT BIOLOGIQUE DES EAUX D'EGOUTS**
[72] DHALIWAL, HARPREET, CA
[72] STEPHENSON, ROBERT J., CA
[71] PARADIGM ENVIRONMENTAL TECHNOLOGIES INC., CA
[85] 2001-01-19
[86] 1999-08-05 (PCT/CA99/00707)
[87] 2000-02-17 (WO00/07946)
[30] US (09/129,422) 1998-08-05

[21] **2,338,195**
[13] A1

[51] **Int.Cl. 6H04N 7/14**
[25] EN
[54] **VIDEO CONFERENCING INTERFACE**
[54] **INTERFACE POUR SYSTEME DE VIDEOCONFERENCE**
[72] JEWELL, DOUGLAS L., US
[72] ISRAELSEN, PAUL D., US
[72] PERKES, DAVID, US
[71] SORENSON VISION, INC., US
[85] 2001-01-19
[86] 1999-07-27 (PCT/US99/16995)
[87] 2000-02-10 (WO00/07371)
[30] US (60/094,646) 1998-07-30

[21] **2,338,196**
[13] A1

[51] **Int.Cl. 7B43L 23/00**
[25] EN
[54] **PENCIL SHARPENER**
[54] **TAILLE-CRAYON**
[72] DONALDSON, JOSEPH K., US
[71] PENSHAR, LLC, US
[85] 2001-01-19
[86] 2000-03-10 (PCT/US00/06673)
[87] 2000-09-14 (WO00/53431)
[30] US (09/266,354) 1999-03-11

[21] **2,338,199**
[13] A1

[51] **Int.Cl. 7G01T 1/164**
[25] EN
[54] **APPLICATION OF SCATTER AND ATTENUATION CORRECTION TO EMISSION TOMOGRAPHY IMAGES USING INFERRED ANATOMY FROM ATLAS**
[54] **CORRECTION DE LA DIFFUSION ET DE L'ATTENUATION D'IMAGES ISSUES DE LA TOMOGRAPHIE D'EMISSION AU MOYEN D'UNE ANATOMIE PRESUMEE A PARTIR D'UN ATLAS**
[72] NICHOLSON, RICHARD L., CA
[72] PRATO, FRANK S., CA
[72] STODILKA, ROBERT Z., CA
[72] KEMP, BRAD J., CA
[71] NICHOLSON, RICHARD L., CA
[71] PRATO, FRANK S., CA
[71] STODILKA, ROBERT Z., CA
[71] KEMP, BRAD J., CA
[85] 2001-01-19
[86] 1999-08-13 (PCT/CA99/00751)
[87] 2000-02-24 (WO00/10034)
[30] US (60/096,649) 1998-08-14

[21] **2,338,201**
[13] A1

[51] **Int.Cl. 7A61N 1/362**
[25] EN
[54] **PACING WITH HEMODYNAMIC ENHANCEMENT**
[54] **STIMULATION CARDIAQUE AVEC EFFET HEMODYNAMIQUE AMELIORE**
[72] DARVISH, NISSIM, IL
[72] SHEMER, ITZIK, IL
[72] FELSEN, BELLA, IL
[72] KORNFELD, JUDITH, IL
[71] IMPULSE DYNAMICS N.V., AN
[85] 2001-01-19
[86] 1999-07-18 (PCT/IL99/00392)
[87] 2000-02-03 (WO00/04947)
[30] IL (125424) 1998-07-20

[21] **2,338,203**
[13] A1

[51] **Int.Cl. 7A61B 10/00 7A61B 5/00**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTINUOUS ANALYTE MONITORING**
[54] **SYSTEME ET PROCEDE DE CONTROLE CONTINU D'ANALYTE**
[72] SAMUELS, MARK A., US
[72] EPPSTEIN, JONATHAN A., US
[72] HATCH, MICHAEL R., US
[71] SPECTRX, INC., US
[71] ALTEA TECHNOLOGIES, INC., US
[85] 2001-01-19
[86] 1999-07-20 (PCT/US99/16378)
[87] 2000-02-03 (WO00/04832)
[30] US (60/093,534) 1998-07-21
[30] US (09/263,464) 1999-03-05
[30] US (60/140,285) 1999-06-18
[30] US (60/140,252) 1999-06-18

[21] **2,338,205**
[13] A1

[51] **Int.Cl. 7G01N 31/00**
[25] EN
[54] **METHOD**
[54] **PROCEDE**
[72] ZANONI, GIUSEPPE, IT
[72] MENA, RENZO, IT
[72] ARTICO, MARCO, IT
[71] SMITHKLINE BEECHAM S.P.A., IT
[85] 2001-01-19
[86] 1999-07-20 (PCT/EP99/05336)
[87] 2000-02-03 (WO00/05578)
[30] IT (MI98A001684) 1998-07-21

[21] **2,338,207**
[13] A1

[51] **Int.Cl. 7H04M 1/05 7H04R 1/00 7H04M 1/02**
[25] EN
[54] **MOBILE COMMUNICATION UNIT WITH BONE CONDUCTION SPEAKER**
[54] **UNITE DE COMMUNICATION MOBILE COMPRENANT UN HAUT-PARLEUR A CONDUCTION PAR LES OS**
[72] TAKEDA, TAKESHI, JP
[71] TEMCO JAPAN CO., LTD., JP
[85] 2001-01-19
[86] 1999-12-27 (PCT/JP99/07350)
[87] 2000-12-14 (WO00/76184)
[30] JP (11/156262) 1999-06-03

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[21] **2,338,211**
[13] A1
[51] **Int.Cl. 7A61K 31/00 7A61K 31/425 7A61K 31/44**
[25] EN
[54] **USE OF GLUCOSE UPTAKE ENHANCER FOR REDUCING APOPTOSIS**
[54] **UTILISATION D'UN ACTIVATEUR D'ASSIMILATION DU GLUCOSE POUR REDUIRE L'APOPTOSE**
[72] BUCKINGHAM, ROBIN EDWIN, GB
[72] KHANDOUDI, NASSIRAH, FR
[72] BRIL, ANTOINE MICHEL ALAIN, FR
[71] SMITHKLINE BEECHAM LABORATOIRES PHARMACEUTIQUES, FR
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2001-01-19
[86] 1999-07-21 (PCT/GB99/02361)
[87] 2000-02-03 (WO00/04890)
[30] GB (9815871.0) 1998-07-21
[30] GB (9815872.8) 1998-07-21
[30] GB (9905387.8) 1999-03-09

[21] **2,338,212**
[13] A1
[51] **Int.Cl. 7C08F 8/04**
[25] EN
[54] **METHOD FOR HYDROGENATING AROMATIC POLYMERS IN THE PRESENCE OF SPECIAL CATALYSTS**
[54] **PROCEDE D'HYDROGENATION DE POLYMERES AROMATIQUES EN PRESENCE DE CATALYSEURS SPECIFIQUES**
[72] ZIRNGIEBL, EBERHARD, DE
[72] RECHNER, JOHANN, DE
[72] WEGE, VOLKER, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2001-01-19
[86] 1999-07-20 (PCT/EP99/05148)
[87] 2000-02-03 (WO00/05279)
[30] DE (198 33 094.4) 1998-07-23

[21] **2,338,213**
[13] A1
[51] **Int.Cl. 7C06B 47/02 7F02K 9/00**
[25] EN
[54] **HIGH REGRESSION RATE HYBRID ROCKET PROPELLANTS**
[54] **PROPERGOLS HYBRIDES A VITESSE DE REGRESSION ELEVEE ET LEUR PROCEDE DE SELECTION**
[72] KARABEYOGLU, M. ARIF, US
[72] ALTMAN, DAVID, US
[72] CANTWELL, BRIAN J., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2001-01-19
[86] 1999-07-21 (PCT/US99/16556)
[87] 2000-02-03 (WO00/05133)
[30] US (60/093,696) 1998-07-22

[21] **2,338,214**
[13] A1
[51] **Int.Cl. 7C07D 413/14 7C07D 221/00 7C07D 235/00 7C07D 401/04 7C07D 413/04 7C07D 417/04 7C07D 471/04 7C07D 401/14 7C07D 417/14 7C07D 235/24 7A61K 31/44**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AS INHIBITORS OF ROTAMASE ENZYMES**
[54] **COMPOSES HETEROCYCLIQUES INHIBITEURS D'ENZYMES ROTAMASE**
[72] KEMP, MARK IAN, GB
[72] PALMER, MICHAEL JOHN, GB
[72] WYTHES, MARTIN JAMES, GB
[72] SANNER, MARK ALLEN, US
[71] PFIZER INC., US
[85] 2001-01-19
[86] 1999-06-28 (PCT/IB99/01211)
[87] 2000-02-03 (WO00/05232)
[30] GB (9815880.1) 1998-07-21

[21] **2,338,216**
[13] A1
[51] **Int.Cl. 7A61K 31/00 7A61K 31/425 7A61K 31/44**
[25] EN
[54] **USE OF GLUCOSE UPTAKE ENHANCER FOR REDUCING POST-ISCHEMIC INJURY OF THE HEART**
[54] **UTILISATION D'UN ACTIVATEUR D'ASSIMILATION DU GLUCOSE POUR LA REDUCTION DES LESIONS CARDIAQUES D'ORIGINE ISCHEMIQUE**
[72] BUCKINGHAM, ROBIN EDWIN, GB
[72] KHANDOUDI, NASSIRAH, FR
[72] BRIL, ANTOINE MICHEL ALAIN, FR
[71] SMITHKLINE BEECHAM LABORATOIRES PHARMACEUTIQUES, FR
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2001-01-19
[86] 1999-07-21 (PCT/GB99/02358)
[87] 2000-02-03 (WO00/04889)
[30] GB (9815871.0) 1998-07-21
[30] GB (9815872.8) 1998-07-21

[21] **2,338,218**
[13] A1
[51] **Int.Cl. 6G06F 13/14**
[25] EN
[54] **DYNAMIC BUFFER MANAGEMENT SCHEME FOR ATM SWITCHES**
[54] **SYSTEME DE GESTION DYNAMIQUE DE TAMPON POUR SELECTEURS MTA**
[72] WORSTER, THOMAS, US
[72] HUSSAIN, IFTEKHAR, US
[71] GENERAL DATACOMM, INC., US
[85] 2001-01-19
[86] 1999-07-21 (PCT/US99/16477)
[87] 2000-02-03 (WO00/05656)
[30] US (60/093,681) 1998-07-22

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[21] **2,338,219**
[13] A1

[51] **Int.Cl. 7A61B 18/26**
[25] EN
[54] **FLEXIBLE FLOW APPARATUS AND METHOD FOR THE DISRUPTION OF OCCLUSIONS**
[54] **APPAREIL SOUPLE ET PROCEDE D'ECOULEMENT PERMETTANT DE DESAGREGER LES OCCLUSIONS**
[72] GATCHALIAN, ESTELA D., US
[72] ESCH, VICTOR C., US
[72] TRAN, QUANG Q., US
[72] LEVINE, MARC-ALAN, US
[72] SUCGANG, EDUARDO U., US
[72] HEBERT, STEPHEN J., US
[71] ENDOVASIX, INC., US
[85] 2001-01-19
[86] 1999-07-20 (PCT/US99/16371)
[87] 2000-02-03 (WO00/04838)
[30] US (09/120,598) 1998-07-22
[30] US (09/165,435) 1998-10-02
[30] US (09/328,514) 1999-06-09

[21] **2,338,220**
[13] A1

[51] **Int.Cl. 6C07D 401/04 6C07D 403/04 6A61K 31/44 6A61K 31/505**
[25] EN
[54] **SUBSTITUTED IMIDAZOLES HAVING CYTOKINE INHIBITORY ACTIVITY**
[54] **IMIDAZOLES SUBSTITUES A ACTIVITE INHIBITRICE DE LA CYTOKINE**
[72] CLAREMON, DAVID A., US
[72] LIVERTON, NIGEL J., US
[72] CLAIBORNE, CHRISTOPHER F., US
[71] MERCK & CO., INC., US
[85] 2001-01-19
[86] 1999-07-27 (PCT/US99/16996)
[87] 2000-02-10 (WO00/06563)
[30] US (60/095,051) 1998-07-31

[21] **2,338,221**
[13] A1

[51] **Int.Cl. 6C08L 23/12 6C09D 5/00 6D21H 27/00 6C09D 123/12 6D21H 19/20**
[25] EN
[54] **WATER-DISPERSIBLE HOT-MELT COMPOSITION, MOISTUREPROOF PAPER MADE USING THE SAME, AND PROCESS FOR PRODUCING THE SAME**
[54] **COMPOSITION THERMOFUSIBLE HYDRODISPERSABLE, PAPIER HYDROFUGE UTILISANT CETTE COMPOSITION, ET PRODUCTION DE CETTE COMPOSITION**
[72] OHARA, SHUZO, JP
[72] TSUZUKI, MINORU, JP
[72] SATO, MAKOTO, JP
[72] NAKAMOTO, MICHINORI, JP
[72] KAWAHARA, HIROSHI, JP
[72] YAMAZAKI, YUKINOBU, JP
[72] OKAMURA, HIROSHI, JP
[72] YOSHIDA, TAKESHI, JP
[71] GOYO PAPER WORKING CO., LTD., JP
[85] 2001-01-19
[86] 1999-05-25 (PCT/JP99/02717)
[87] 2000-02-03 (WO00/05306)
[30] JP (10/206112) 1998-07-22
[30] JP (11/12764) 1999-01-21
[30] JP (11/111995) 1999-04-20
[30] JP (11/111996) 1999-04-20

[21] **2,338,222**
[13] A1

[51] **Int.Cl. 6A61K 31/47 6C07D 221/06 6C07D 455/06**
[25] EN
[54] **BENZOQUINOLIZIDINE AND BENZOINDOLIZIDINE DERIVATIVES AND THERAPEUTIC USES THEREOF**
[54] **DERIVES DE BENZOQUINOLIZIDINE ET DE BENZO-INDOLIZIDINE ET LEUR USAGE THERAPEUTIQUE**
[72] REGAN, CIARAN M., IE
[72] SZMUSZKOVICZ, JACOB, US
[71] AMERICAN BIOGENETIC SCIENCES, INC., US
[85] 2001-01-19
[86] 1999-07-20 (PCT/US99/16432)
[87] 2000-02-03 (WO00/04905)
[30] US (60/093,617) 1998-07-21

[21] **2,338,225**
[13] A1

[51] **Int.Cl. 7G02B 1/10 7G02C 7/00 7B29D 11/00 7C08L 69/00 7C08K 5/15**
[25] EN
[54] **PHOTOCHROMIC OPHTHALMIC LENS**
[54] **LENTILLE OPHTALMIQUE PHOTOCHROMIQUE**
[72] JOHNSON, JAMES B., US
[72] PYLES, ROBERT A., US
[72] PIKE, TIMOTHY J., US
[72] KRISHNAN, SIVARAM, US
[71] BAYER CORPORATION, US
[85] 2001-01-19
[86] 1999-07-19 (PCT/US99/16308)
[87] 2000-02-10 (WO00/07040)
[30] US (09/126,405) 1998-07-30

[21] **2,338,226**
[13] A1

[51] **Int.Cl. 7B65G 51/03**
[25] EN
[54] **AIR CONVEYOR FOR TRANSPORTING SUSPENDED ARTICLES AND MEANS FOR RELEASING, SLOWING, IMMOBILISING OR SYNCHRONISING ARTICLES**
[54] **CONVOYEUR A AIR POUR LE TRANSPORT D'ARTICLES SUSPENDUS ET PROCEDES DE DEBLOCAGE, DE RALENTISSEMENT, D'IMMOBILISATION OU DE CADENCEMENT D'ARTICLES**
[72] DE ALMEIDA RODRIGUES, CARLOS, FR
[72] TRENEL, JOEL, FR
[72] ROSE, DAMIEN, FR
[71] NETRA SYSTEMS, FR
[85] 2001-01-19
[86] 1999-07-05 (PCT/FR99/01613)
[87] 2000-02-03 (WO00/05160)
[30] FR (98/09525) 1998-07-21

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[21] **2,338,228**
[13] A1
[51] **Int.Cl. 6B01D 21/02 6C02F 1/00 6E03F 5/16**
[25] EN
[54] **A DEVICE OF THREE-CHAMBER TYPE FOR PURIFYING LIQUID**
[54] **DISPOSITIF A TROIS CHAMBRES POUR LA PURIFICATION DE LIQUIDES**
[72] GUSTAFSSON, BERT, SE
[71] GUSTAFSSON, BERT, SE
[85] 2001-01-19
[86] 1999-07-19 (PCT/SE99/01289)
[87] 2000-02-03 (WO00/04972)
[30] SE (9802593-5) 1998-07-20

[21] **2,338,230**
[13] A1
[51] **Int.Cl. 6B62D 5/04**
[25] EN
[54] **FEEDBACK AND SERVO CONTROL FOR ELECTRIC POWER STEERING SYSTEMS**
[54] **RETROACTION ET COMMANDE ASSERVIE POUR SYSTEMES ELECTRIQUES DE DIRECTION ASSISTEE**
[72] PHILLIPS, EDWARD H., US
[71] TECHNO CORPORATION, US
[85] 2001-01-19
[86] 1999-07-21 (PCT/US99/16407)
[87] 2000-02-03 (WO00/05124)
[30] US (60/093,557) 1998-07-21

[21] **2,338,232**
[13] A1
[51] **Int.Cl. 6F02C 7/045 6F02K 1/82**
[25] EN
[54] **DEVICE AND METHOD FOR ACTIVELY REDUCING THE NOISE EMISSIONS OF JET ENGINES AND FOR DIAGNOSING THE SAME**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE REDUIRE ACTIVEMENT LES EMISSIONS SONORES DE REACTEURS ET DE LES DIAGNOSTIQUER**
[72] NAGEL, FRIEDMUND, DE
[71] NAGEL, FRIEDMUND, DE
[85] 2001-01-19
[86] 1999-07-22 (PCT/EP99/05252)
[87] 2000-02-03 (WO00/05494)
[30] DE (198 32 963.6) 1998-07-22
[30] DE (198 43 615.7) 1998-09-23

[21] **2,338,233**
[13] A1
[51] **Int.Cl. 7A61B 5/022**
[25] EN
[54] **APPARATUS AND METHOD FOR NON-INVASIVELY MONITORING A SUBJECT'S ARTERIAL BLOOD PRESSURE**
[54] **DISPOSITIF ET PROCEDE DE SURVEILLANCE NON INVASIVE DE LA PRESSION SANGUINE ARTERIELLE D'UN SUJET**
[72] SOMERVILLE, ALVIS J., US
[72] FINBURGH, SIMON E., US
[72] VOSS, GREGORY I., US
[71] TENSYS MEDICAL, INC., US
[85] 2001-01-19
[86] 1999-07-15 (PCT/US99/16189)
[87] 2000-01-27 (WO00/03635)
[30] US (09/120,205) 1998-07-20
[30] US (09/120,069) 1998-07-20

[21] **2,338,234**
[13] A1
[51] **Int.Cl. 6G01R 27/26 6H01M 10/46**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING A VEHICLE BATTERY**
[54] **SYSTEME ET PROCEDE POUR SURVEILLER UNE BATTERIE DE VEHICULE**
[72] PALANISAMY, THIRUMALAI G., US
[72] GOLLOMP, BERNARD P., US
[72] VERNICK, DOUGLAS, US
[71] ALLIEDSIGNAL INC., US
[85] 2001-01-19
[86] 1999-07-20 (PCT/US99/16360)
[87] 2000-01-27 (WO00/04620)
[30] US (60/093,425) 1998-07-20
[30] US (09/357,542) 1999-07-20

[21] **2,338,235**
[13] A1
[51] **Int.Cl. 7H04N 5/76**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO THE DELAYED VIEWING OF SCREEN READABLE SIGNALS SUCH AS A TELEVISION BROADCAST**
[54] **AMELIORATION DE LA VISUALISATION DIFFEREE DE SIGNAUX LISIBLES SUR ECRAN TELS QU'UN PROGRAMME TELEVISE**
[72] AUSTIN, KENNETH, GB
[71] 4TV LIMITED, GB
[85] 2001-01-19
[86] 1999-07-20 (PCT/GB99/02334)
[87] 2000-02-03 (WO00/05880)
[30] GB (9815641.7) 1998-07-20

[21] **2,338,237**
[13] A1
[51] **Int.Cl. 6H01B 7/00 6H05K 3/00 6H01R 43/00**
[25] EN
[54] **FOLDED INSULATED FOIL CONDUCTOR AND METHOD OF MAKING SAME**
[54] **CONDUCTEUR FEUILLETE ISOLE PLIE ET SON PROCEDE DE FABRICATION**
[72] MAREK, RICHARD P., US
[72] LANOUE, THOMAS J., US
[71] ABB POWER T & D COMPANY INC., US
[85] 2001-01-19
[86] 1999-07-16 (PCT/US99/16114)
[87] 2000-02-03 (WO00/05729)
[30] US (09/119,791) 1998-07-21

[21] **2,338,238**
[13] A1
[51] **Int.Cl. 7D01F 6/86 7C08L 67/02**
[25] EN
[54] **POLYESTER MODIFIED WITH POLYETHYLENE GLYCOL AND PENTAERYTHRITOL**
[54] **POLYESTER MODIFIE AVEC DU POLYETHYLENE GLYCOL ET DU PENTAERYTHROL**
[72] NICHOLS, CARL S., US
[72] HUMELSINE, BILLY MACK, US
[71] WELLMAN, INC., US
[85] 2001-01-19
[86] 1999-08-27 (PCT/US99/19864)
[87] 2000-03-09 (WO00/12793)
[30] US (09/141,665) 1998-08-28

[21] **2,338,241**
[13] A1
[51] **Int.Cl. 7B60R 22/34**
[25] EN
[54] **SEAT BELT RETRACTOR HAVING A TORSION BAR**
[54] **RETRACTEUR DE CEINTURE DE SECURITE A BARRE DE TORSION**
[72] KONING, RICHARD W., US
[71] BREED AUTOMOTIVE TECHNOLOGY, INC., US
[85] 2001-01-19
[86] 1999-07-08 (PCT/US99/15623)
[87] 2000-04-20 (WO00/21802)
[30] US (09/170,409) 1998-10-13

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[21] **2,338,265**
[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **INFORMATION SECURITY ANALYSIS SYSTEM**
[54] **SYSTEME D'ANALYSE POUR LA SECURITE DES INFORMATIONS**
[72] MALONEY, MICHAEL P., US
[72] SUIT, JOHN M., US
[72] SCOTT, CHRISTOPHER J., US
[72] WOODUS, FRANCIS M., US
[72] RUBEL, RICHARD, US
[72] KAROLCHIK, JOSEPH, US
[71] RAYTHEON COMPANY, US
[85] 2001-01-19
[86] 1999-07-20 (PCT/US99/12394)
[87] 2000-02-03 (WO00/05852)
[30] US (60/093,554) 1998-07-21

[21] **2,338,268**
[13] A1

[51] **Int.Cl. 7A61B 5/05 7G01N 27/04**
[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING THE MOISTURE LEVEL WITHIN ENAMEL DENTINE OR TOOTH TISSUE**
[54] **APPAREIL ET PROCEDE DE MESURE DU NIVEAU D'HUMIDITE DANS L'EMAIL, LA DENTINE OU LE TISSU DENTAIRE**
[72] MEREDITH, NEIL, GB
[71] UNIVERSITY OF BRISTOL, GB
[85] 2001-01-19
[86] 1999-07-20 (PCT/GB99/02347)
[87] 2000-02-03 (WO00/04825)
[30] GB (9815777.9) 1998-07-20

[21] **2,338,270**
[13] A1

[51] **Int.Cl. 7G01N 33/545 7B42D 15/00 7B29C 41/12**
[25] EN
[54] **METHOD FOR MANUFACTURING A CARRIER FOR CHEMICAL OR BIOCHEMICAL ASSAYS**
[54] **PROCEDE DE FABRICATION D'UN SUPPORT DESTINE A DES DOSAGES CHIMIQUES OU BIOCHIMIQUES**
[72] PUIJK, WOUTER CORNELIS, NL
[71] PEPSCAN SYSTEMS B.V., NL
[85] 2001-01-19
[86] 1999-07-21 (PCT/NL99/00470)
[87] 2000-02-03 (WO00/05584)
[30] NL (1009703) 1998-07-21

[21] **2,338,272**
[13] A1

[51] **Int.Cl. 6D03D 15/00 6B32B 7/12 6B32B 5/26**
[25] EN
[54] **SUBSTRATE FABRIC**
[54] **TISSU FORMANT SUBSTRAT**
[72] HUTTO, ALONZO H., JR., US
[72] KEENER, PHILLIP R., US
[71] AMERICAN FIBER & FINISHING S.C., INC., US
[85] 2001-01-19
[86] 1999-07-19 (PCT/US99/16331)
[87] 2000-02-03 (WO00/05443)
[30] US (09/119,992) 1998-07-21

[21] **2,338,274**
[13] A1

[51] **Int.Cl. 6G06F 17/60**
[25] EN
[54] **APPARATUS AND METHOD FOR ON-LINE PRICE COMPARISON OF COMPETITOR'S GOODS AND/OR SERVICES OVER A COMPUTER NETWORK**
[54] **APPAREIL ET PROCEDE PERMETTANT DE COMPARER EN LIGNE VIA UN RESEAU INFORMATIQUE DES PRIX D'ARTICLES ET/OU DES SERVICES PROPOSES PAR DES CONCURRENTS**
[72] STACK, CHARLES, US
[71] CENDANT PUBLISHING, INC., US
[85] 2001-01-19
[86] 1999-06-03 (PCT/US99/12153)
[87] 2000-02-03 (WO00/05666)
[30] US (09/121,094) 1998-07-23

[21] **2,338,275**
[13] A1

[51] **Int.Cl. 6A61K 31/505 6C07D 471/04 6C07D 401/10 6C07D 403/10 6C07D 405/12 6C07D 409/14 6A61K 31/415 6A61K 31/435**
[25] EN
[54] **INTEGRIN RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DES RECEPTEURS DE L'INTEGRINE**
[72] DUGGAN, MARK E., US
[72] HARTMAN, GEORGE D., US
[71] MERCK & CO., INC., US
[85] 2001-01-19
[86] 1999-07-26 (PCT/US99/16830)
[87] 2000-02-10 (WO00/06169)
[30] US (60/094,478) 1998-07-29

[21] **2,338,283**
[13] A1

[51] **Int.Cl. 7A61K 38/00 7C07C 279/18 7C07C 279/20**
[25] EN
[54] **MULTIVALENT AVB3 AND METASTASIS-ASSOCIATED RECEPTOR LIGANDS**
[54] **LIGANDS MULTIVALENTS DU RECEPTEUR DE AVB3 ET DES RECEPTEURS ASSOCIES AUX METASTASES**
[72] FOK, KAM F., US
[72] TJOENG, FOE S., US
[71] G.D. SEARLE & CO., US
[85] 2001-01-19
[86] 1999-04-07 (PCT/US99/04296)
[87] 2000-02-24 (WO00/09143)
[30] US (60/096,442) 1998-08-13

[21] **2,338,285**
[13] A1

[51] **Int.Cl. 7G06F 9/46 7G06F 17/30**
[25] EN
[54] **A METHOD RELATING TO THE HANDLING OF TRANSACTIONS IN DATABASES**
[54] **PROCEDE PERMETTANT DE GERER DES TRANSACTIONS DANS DES BASES DE DONNEES**
[72] RONSTROM, MIKAEL, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-01-19
[86] 1999-07-22 (PCT/SE99/01301)
[87] 2000-02-03 (WO00/05648)
[30] SE (9802598-4) 1998-07-22

[21] **2,338,287**
[13] A1

[51] **Int.Cl. 7C09D 11/00**
[25] EN
[54] **OIL-BASED INK FOR INK-JET RECORDING**
[54] **ENCRE A BASE D'HUILE POUR IMPRESSION A JET D'ENCRE**
[72] TSUCHIYA, TATSUROU, JP
[72] KANO, MASANORI, JP
[71] SAKATA INX CORP., JP
[85] 2001-01-19
[86] 1999-12-24 (PCT/JP99/07243)
[87] 2000-11-30 (WO00/71627)
[30] JP (11/140258) 1999-05-20
[30] JP (11/178687) 1999-06-24

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[21] **2,338,289**
[13] A1
[51] **Int.Cl. 7G06F 17/17 7G06F 7/52**
[25] EN
[54] **METHOD AND DEVICE FOR HIGH SPEED SCALE CONVERSION**
[54] **PROCEDE ET DISPOSITIF PERMETTANT UNE CONVERSION D'ECHELLE RAPIDE**
[72] WEBSTER, STEVEN R., US
[72] KRYGER, DAVID L., US
[71] SCHNEIDER AUTOMATION INC., US
[85] 2001-01-19
[86] 2000-05-01 (PCT/US00/11777)
[87] 2000-11-30 (WO00/72188)
[30] US (09/316,892) 1999-05-21

[21] **2,338,290**
[13] A1
[51] **Int.Cl. 7H04M 3/48 7H04M 3/51 7H04M 3/523**
[25] EN
[54] **CALL QUEUING IN A TELECOMMUNICATIONS NETWORK**
[54] **FILE D'ATTENTE D'APPELS DANS UN RESEAU DE TELECOMMUNICATION**
[72] WILLIAMS, PHILIP MARK, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2001-01-19
[86] 1999-06-15 (PCT/GB99/01892)
[87] 2000-02-03 (WO00/05867)
[30] EP (98305860.3) 1998-07-22

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[13] A1
[51] **Int.Cl. 7G01J 3/44 7G01N 21/65**
[25] EN
[54] **NONLINEAR VIBRATIONAL MICROSCOPY**
[54] **MICROSCOPIE VIBRATOIRE NON LINEAIRE**
[72] HOLTOM, GARY R., US
[72] XIE, XIAOLIANG SUNNEY, US
[72] ZUMBUSCH, ANDREAS, DE
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2001-01-19
[86] 1999-07-20 (PCT/US99/16389)
[87] 2000-01-27 (WO00/04352)
[30] US (09/120,035) 1998-07-20
[30] US (09/294,834) 1999-04-19

[21] **2,338,292**
[13] A1
[51] **Int.Cl. 7A61B 5/00**
[25] EN
[54] **FLUID MANAGEMENT IN A CONTINUOUS FLUID COLLECTION AND SENSOR DEVICE**
[54] **TRAITEMENT DU FLUIDE DANS UN DISPOSITIF DE PRELEVEMENT ET DE DETECTION EN CONTINU DE FLUIDE**
[72] DELCHER, HARRY K., US
[72] SMITH, ALAN, US
[72] KUMAR, KRISHNA S., US
[72] EPPSTEIN, JONATHAN A., US
[72] FARQUHAR, DAVID, US
[72] HATCH, MICHAEL R., US
[71] SPECTRX, INC., US
[85] 2001-01-19
[86] 1999-07-20 (PCT/US99/16226)
[87] 2000-02-03 (WO00/04821)
[30] US (60/093,534) 1998-07-21
[30] US (09/263,464) 1999-03-05
[30] US (60/138,739) 1999-06-11
[30] US (60/139,970) 1999-06-18

[21] **2,338,294**
[13] A1
[51] **Int.Cl. 7B65C 9/18**
[25] EN
[54] **APPARATUS AND METHOD FOR APPLYING LINERLESS LABELS**
[54] **DISPOSITIF ET PROCEDE SERVANT A APPLIQUER DES ETIQUETTES SANS DOUBLURE**
[72] DALE, STANFORD, US
[72] MAJKRZAK, GERALD A., US
[71] ADVANCED LABEL SYSTEMS, INC., US
[85] 2001-01-19
[86] 1999-08-05 (PCT/US99/17745)
[87] 2000-02-17 (WO00/07883)
[30] US (09/129,723) 1998-08-05
[30] US (09/243,498) 1999-02-03

[21] **2,338,296**
[13] A1
[51] **Int.Cl. 6A61M 5/00**
[25] EN
[54] **SUTURELESS IMPLANTABLE DEVICE AND METHOD FOR TREATMENT OF GLAUCOMA**
[54] **APPAREIL IMPLANTABLE SANS SUTURES ET METHODE DE TRAITEMENT DU GLAUCOME**
[72] NIGAM, ALOK, US
[71] ANAMED, INC., US
[85] 2001-01-19
[86] 1999-07-26 (PCT/US99/16889)
[87] 2000-02-10 (WO00/06223)
[30] US (09/123,676) 1998-07-27

[21] **2,338,299**
[13] A1
[51] **Int.Cl. 7A61K 38/17 7C07K 17/00 7C07K 14/46 7G01N 33/53**
[25] EN
[54] **USE OF RECOMBINANT HUMAN UTEROGLOBIN IN TREATMENT OF INFLAMMATORY AND FIBROTIC CONDITIONS**
[54] **UTILISATION D'UTEROGLOBINE HUMAINE DE RECOMBINAISON DANS LE TRAITEMENT D'ETATS INFLAMMATOIRES ET DE TYPE FIBREUX**
[72] PILON, APRILE, US
[72] MUKHERJEE, ANIL B., US
[72] ZHANG, ZHONGJIAN, US
[71] NATIONAL INSTITUTES OF HEALTH, US
[71] CLARAGEN, INC., US
[85] 2001-01-19
[86] 1999-07-19 (PCT/US99/16312)
[87] 2000-02-03 (WO00/04863)
[30] US (09/120,264) 1998-07-21

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[21] **2,338,310**
[13] A1

[51] **Int.Cl. 7C07D 309/30**
[25] EN
[54] **SYNTHETIC TECHNIQUES AND INTERMEDIATES FOR POLYHYDROXY, DIENYL LACTONE DERIVATIVES**
[54] **TECHNIQUES DE SYNTHÈSE ET INTERMÉDIAIRES DE DÉRIVÉS DE DIENYL-LACTONE POLYHYDROXYLÉE**
[72] QIU, YUPING, US
[72] KAUFMAN, MICHAEL, US
[72] BEAUCHAMP, THOMAS J., US
[72] ARIMOTO, HIROKAZU, US
[72] KOBAYASHI, KAORU, JP
[72] JONES, DAVID R., US
[72] SMITH, AMOS B., III, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2001-01-19
[86] 1999-07-20 (PCT/US99/16369)
[87] 2000-02-03 (WO00/04865)
[30] US (09/121,551) 1998-07-23

[21] **2,338,311**
[13] A1

[51] **Int.Cl. 7C07D 401/12 7C07D 471/04 7C07D 401/14 7C07D 409/14 7C07D 417/14 7C07D 235/28 7A61K 31/4184 7A61K 31/4439**
[25] EN
[54] **PRODRUGS OF PROTON PUMP INHIBITORS**
[54] **PROMÉDICAMENTS D'INHIBITEURS DE LA POMPE À PROTONS**
[72] SHIN, JAI MOO, US
[72] GARST, MICHAEL E., US
[72] SACHS, GEORGE, US
[71] PARTNERSHIP OF MICHAEL E. GARST, GEORGE SACHS AND JAI MOO SHIN, US
[85] 2001-01-19
[86] 1999-08-09 (PCT/US99/18048)
[87] 2000-02-24 (WO00/09498)
[30] US (09/131,481) 1998-08-10
[30] US (09/364,381) 1999-07-29

[21] **2,338,312**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C12N 9/00 7A61K 38/17 7C12Q 1/25 7C07K 16/40 7G01N 33/68**
[25] EN
[54] **A SUBFAMILY OF RNA HELICASES WHICH ARE MODULATORS OF THE FIDELITY OF TRANSLATION TERMINATION AND USES THEREOF**
[54] **SOUS-FAMILLE D'HELICASES D'ARN ÉTANT DES MODULATEURS DE LA FIDÉLITÉ DE LA TERMINAISON DE LA TRADUCTION ET LEURS UTILISATIONS**
[72] DINMAN, JONATHAN D., US
[72] PELTZ, STUART, US
[72] CZAPLINSKI, KEVIN, US
[71] UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY, US
[85] 2001-01-19
[86] 1999-07-22 (PCT/US99/16802)
[87] 2000-02-03 (WO00/05586)
[30] US (09/120,435) 1998-07-22

[21] **2,338,313**
[13] A1

[51] **Int.Cl. 7H04B 7/185**
[25] EN
[54] **DISTRIBUTION OF REQUESTED VIDEO SEQUENCES VIA SATELLITES**
[54] **DISTRIBUTION PAR SATELLITE DE SÉQUENCES VIDÉO**
[72] GELING, REINHOLD, DE
[72] BERTONI, ALAIN, DE
[72] METTLER, JOHANNES, DE
[71] CM COMMUNITY MEDIA GMBH & CO KG, DE
[85] 2001-01-19
[86] 1999-07-30 (PCT/DE99/02394)
[87] 2000-02-24 (WO00/10262)
[30] DE (298 14 544.8) 1998-08-13

[21] **2,338,314**
[13] A1

[51] **Int.Cl. 6H01L 21/205**
[25] EN
[54] **SEMICONDUCTOR THIN FILM AND THIN FILM DEVICE**
[54] **COUCHE MINCE ET COMPOSANT À SEMI-CONDUCTEUR**
[72] FUJIHARA, TAKAFUMI, JP
[72] YOSHIMI, MASASHI, JP
[71] KANEKA CORPORATION, JP
[85] 2001-01-19
[86] 1999-07-22 (PCT/JP99/03941)
[87] 2000-02-03 (WO00/05754)
[30] JP (10/206605) 1998-07-22

[21] **2,338,315**
[13] A1

[51] **Int.Cl. 6B32B 15/04 6C23C 28/00 6C04B 9/02 6C23C 22/07 6C23C 22/82**
[25] EN
[54] **CONDITIONING METAL SURFACES BEFORE PHOSPHATING THEM**
[54] **TRAITEMENT DE SURFACES MÉTALLIQUES AVANT PHOSPHATATION**
[72] NAGASHIMA, YASUHIKO, JP
[72] SHIMODA, KENSUKE, JP
[72] BANNAI, HIROKASTU, JP
[72] NAKAYAMA, TAKAOMI, JP
[71] HENKEL CORPORATION, US
[85] 2001-01-19
[86] 1999-07-21 (PCT/US99/14156)
[87] 2000-02-03 (WO00/05066)
[30] JP (10/204635) 1998-07-21
[30] JP (11/131974) 1999-05-12

[21] **2,338,316**
[13] A1

[51] **Int.Cl. 7C04B 24/38 7C04B 28/04**
[25] EN
[54] **ADDITIVE FOR CONTROLLING FLEXURAL BOND STRENGTH, AIR ENTRAINEMENT AND WORKABILITY OF MORTAR CEMENT**
[54] **ADDITIF PERMETTANT DE RÉGULER LA RÉSISTANCE D'ADHÉSION À LA FLEXION, L'ENTRAÎNEMENT DE L'AIR ET L'APTITUDE AU FACONNAGE DU MORTIER**
[72] PODLAS, THOMAS J., US
[72] YOUNG, TENG-SHAU, US
[72] CHU, SUNG G., US
[72] ANTTILA, ARTHUR L., US
[71] HERCULES INCORPORATED, US
[85] 2001-01-19
[86] 1999-05-25 (PCT/US99/11729)
[87] 2000-02-03 (WO00/05181)
[30] US (09/121,613) 1998-07-20

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[13] A1
[51] **Int.Cl. 7C07D 207/40 7C07D 401/06 7A61K 31/495 7C07D 211/88**
[25] EN
[54] **ARYLPIPERAZINE DERIVATIVES USEFUL AS UROSELECTIVE ALPHA1-ADRENOCEPTOR BLOCKERS**
[54] **DERIVES D'ARYLPIPERAZINE UTILISES COMME AGENTS BLOQUANTS LES RECEPTEURS ALPHA1-ADRENERGIQUES UROSELECTIFS**
[72] GUPTA, JANG BAHADUR, IN
[72] SAXENA, ANIL KUMAR, IN
[72] MEHTA, ANITA, IN
[72] SINHA, NEELIMA, IN
[72] JAIN, SANJAY, IN
[72] ANAND, NITYA, IN
[71] RANBAXY LABORATORIES LIMITED, IN
[85] 2001-01-19
[86] 1999-07-16 (PCT/IB99/01296)
[87] 2000-02-03 (WO00/05205)
[30] US (09/120,265) 1998-07-21
[30] WO (PCT/IB99/00140) 1999-01-26

[21] **2,338,318**
[13] A1
[51] **Int.Cl. 7H04M 17/00**
[25] EN
[54] **WIRELESS TELECOMMUNICATION SYSTEM WITH PREPAID ARCHITECTURE**
[54] **SYSTEME DE TELECOMMUNICATIONS A ARCHITECTURE PREPAYEE**
[72] BRUNNER, RICHARD, CA
[72] LABONTE, SYLVAIN, CA
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-01-19
[86] 1999-07-20 (PCT/SE99/01296)
[87] 2000-02-03 (WO00/05871)
[30] US (09/122,344) 1998-07-24

[21] **2,338,319**
[13] A1
[51] **Int.Cl. 7C07K 14/61 7C07K 1/34**
[25] EN
[54] **CLARIFICATION OF PROTEIN PRECIPITATE SUSPENSIONS USING ANIONIC POLYMERIC FLOCCULANTS**
[54] **CLARIFICATION DE SUSPENSIONS PRECIPITEES DE PROTEINES AU MOYEN DE FLOCCULANTS POLYMERES ANIONIQUES**
[72] CHIVERS, MARK L., US
[71] MONSANTO COMPANY, US
[85] 2001-01-19
[86] 1999-07-16 (PCT/US99/16096)
[87] 2000-02-03 (WO00/05261)
[30] US (60/093,555) 1998-07-21

[21] **2,338,321**
[13] A1
[51] **Int.Cl. 6A61K 7/00**
[25] EN
[54] **SHEET-LIKE PACK AND ITS PRODUCTION AND USE**
[54] **SACHET EN FEUILLES ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] HASHIDA, EIJI, JP
[72] SAITO, MASATO, JP
[72] UJIHARA, KAZUNARI, JP
[71] KANEBO LIMITED, JP
[85] 2001-01-22
[86] 1999-07-22 (PCT/JP99/03903)
[87] 2000-02-03 (WO00/04869)
[30] JP (10/207569) 1998-07-23

[21] **2,338,322**
[13] A1
[51] **Int.Cl. 7H01Q 3/26 7H01Q 21/06 7H01Q 1/28**
[25] EN
[54] **FLEXIBLE OPTICAL RF RECEIVER**
[54] **RECEPTEUR RADIOFREQUENCE OPTIQUE SOUPLE**
[72] O'SHEA, RICHARD L., US
[71] RAYTHEON COMPANY, US
[85] 2001-01-22
[86] 1999-07-06 (PCT/US99/15210)
[87] 2000-02-10 (WO00/07307)
[30] US (09/123,593) 1998-07-28

[21] **2,338,323**
[13] A1
[51] **Int.Cl. 7A61K 9/48 7A61M 15/00**
[25] EN
[54] **TWO-PIECE CAPSULE FOR RECEIVING PHARMACEUTICAL PREPARATIONS FOR POWDER INHALERS**
[54] **CAPSULE EN DEUX PARTIES POUR PREPARATIONS PHARMACEUTIQUES DESTINEES AUX INHALATEURS DE MEDICAMENTS EN POUDRE**
[72] HOCHRAINER, DIETER, DE
[72] ECKERT, JOSEF, DE
[71] BOEHRINGER INGELHEIM PHARMA KG, DE
[85] 2001-01-22
[86] 1999-08-03 (PCT/EP99/05614)
[87] 2000-02-17 (WO00/07572)
[30] DE (198 35 346.4) 1998-08-05

[21] **2,338,324**
[13] A1
[51] **Int.Cl. 7A61K 31/40 7A61K 47/00**
[25] EN
[54] **STABILIZED CARVEDILOL INJECTION SOLUTION**
[54] **SOLUTION POUR INJECTION DE CARVEDILOL STABILISE**
[72] GRUBER, WERNER, DE
[72] WOOG, HEINRICH, DE
[71] ROCHE DIAGNOSTICS GMBH, DE
[85] 2001-01-22
[86] 1999-07-14 (PCT/EP99/04974)
[87] 2000-02-03 (WO00/04902)
[30] DE (198 33 119.3) 1998-07-23

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[21] **2,338,325**
[13] A1
[51] **Int.Cl. 6A61K 7/00 6A61K 7/02 6A61K 7/025 6A61K 7/027 6A61K 7/043 6A61K 7/047 6A61K 7/42**
[25] EN
[54] **NOVEL USES OF ASCORBYL-PHOSPHORYL-CHOLESTEROL AND COMPOSITIONS FOR PRACTICING SAME**
[54] **NOUVELLES UTILISATIONS DE L'ASCORBYL-PHOSPHORYL-CHOLESTEROL ET COMPOSITIONS PERMETTANT DE METTRE EN OEUVRE CES NOUVELLES UTILISATIONS**
[72] DUFFY, JOHN A., US
[72] KALAFSKY, ROBERT A., US
[72] PAHLCK, HAROLD E., US
[72] PTHELINTSEV, DMITRI S., US
[71] AVON PRODUCTS, INC., US
[85] 2001-01-22
[86] 1999-07-30 (PCT/US99/17420)
[87] 2000-02-10 (WO00/06091)
[30] US (09/126,191) 1998-07-30
[30] US (09/189,368) 1998-11-09

[21] **2,338,326**
[13] A1
[51] **Int.Cl. 7A61K 31/5375 7A61P 25/30 7A61P 25/32 7A61P 25/36**
[25] EN
[54] **USE OF MOCLOBEMIDE AND METABOLITES FOR TREATING AND PREVENTING SUBSTANCE ABUSE**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT ET LA PREVENTION DES TOXICOMANIES A L'AIDE DE MOCLOBEMIDE**
[72] KLEIN, DONALD F., US
[72] LEDERMAN, SETH, US
[71] VELA PHARMACEUTICALS, INC., US
[85] 2001-01-22
[86] 1999-07-30 (PCT/US99/17275)
[87] 2000-02-10 (WO00/06139)
[30] US (60/094,986) 1998-07-31

[21] **2,338,327**
[13] A1
[51] **Int.Cl. 7A61K 31/5375 7A61P 15/00 7A61P 25/00 7A61P 29/00 7A61P 25/04 7A61P 25/20**
[25] EN
[54] **USE OF MOCLOBEMIDE FOR TREATING PAIN AND OTHER DISEASES**
[54] **PROCEDES ET COMPOSITIONS D'UTILISATION DE MOCLOBEMIDE**
[72] LEDERMAN, SETH, US
[72] KLEIN, DONALD F., US
[71] VELA PHARMACEUTICALS, INC., US
[85] 2001-01-22
[86] 1999-07-30 (PCT/US99/17274)
[87] 2000-02-10 (WO00/06138)
[30] US (60/094,934) 1998-07-31
[30] US (60/094,984) 1998-07-31
[30] US (60/094,985) 1998-07-31
[30] US (60/094,987) 1998-07-31
[30] US (60/094,989) 1998-07-31

[21] **2,338,328**
[13] A1
[51] **Int.Cl. 6A61K 31/35**
[25] EN
[54] **SMALL MOLECULE INHIBITORS OF BCL-2 PROTEINS**
[54] **PETITES MOLECULES INHIBITRICES DE PROTEINES BCL-2**
[72] WANG, JIALUN, US
[72] HAN, XIAOBING, US
[72] ZHANG, ZHIJIA, US
[72] LUI, DONGXIANG, US
[72] HUANG, ZIWEI, US
[71] THOMAS JEFFERSON UNIVERSITY, US
[85] 2001-01-22
[86] 1999-07-20 (PCT/US99/12384)
[87] 2000-02-03 (WO00/04901)
[30] US (60/093,561) 1998-07-21
[30] US (60/128,100) 1999-04-07

[21] **2,338,329**
[13] A1
[51] **Int.Cl. 6A61K 31/41**
[25] EN
[54] **THE USE OF CD4-BINDING SMALL MOLECULES TO INHIBIT HIV INFECTION**
[54] **UTILISATION DE PETITES MOLECULES A LIAISON CD-4 POUR INHIBER L'INFECTION PAR LE VIH**
[72] HAN, XIAOBING, US
[72] HUANG, ZIWEI, US
[72] HALL, JAMES, US
[72] HU, XUEYOU, US
[71] THOMAS JEFFERSON UNIVERSITY, US
[85] 2001-01-22
[86] 1999-07-20 (PCT/US99/16358)
[87] 2000-02-03 (WO00/04903)
[30] US (60/093,562) 1998-07-21
[30] US (60/128,105) 1999-04-07

[21] **2,338,330**
[13] A1
[51] **Int.Cl. 7A61K 31/5375 7A61P 25/00 7A61P 25/18 7A61P 25/22 7A61P 25/24**
[25] EN
[54] **USE OF MOCLOBEMIDE FOR TREATING CERTAIN PSYCHIATRIC AND MEDICAL DISORDERS**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE TRAITER ET DE PREVENIR CERTAINS TROUBLES PSYCHIATRIQUES ET MEDICAUX PAR LE MOCLOBEMIDE**
[72] LEDERMAN, SETH, US
[72] KLEIN, DONALD F., US
[71] VELA PHARMACEUTICALS, INC., US
[85] 2001-01-22
[86] 1999-07-30 (PCT/US99/17417)
[87] 2000-02-10 (WO00/06140)
[30] US (60/094,985) 1998-07-31

[21] **2,338,353**
[13] A1
[51] **Int.Cl. 6B65D 5/56 6B65D 5/495**
[25] EN
[54] **PACKAGING SYSTEM FOR NON-RIGID MATERIALS**
[54] **SYSTEME D'EMBALLAGE POUR MATIERES NON RIGIDES**
[72] MARBRY, DAVID, US
[72] RODE, DEBORA J., US
[71] HENKEL CORPORATION, US
[85] 2001-01-22
[86] 1999-06-04 (PCT/US99/11783)
[87] 1999-12-09 (WO99/62772)
[30] US (60/088,539) 1998-06-04
[30] US (09/299,860) 1999-04-26

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,338,355 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/00 [25] EN [54] SYSTEM FOR IDENTIFYING PREMATURE RUPTURE OF MEMBRANE DURING PREGNANCY [54] SYSTEME PERMETTANT D'IDENTIFIER UNE RUPTURE DE MEMBRANE PREMATUREE EN COURS DE GROSSESSE [72] TOROK, BRIAN A., US [72] SMITH, RAMADA S., US [71] TOROK, BRIAN A., US [71] SMITH, RAMADA S., US [85] 2001-01-22 [86] 1999-07-22 (PCT/US99/16812) [87] 2000-02-03 (WO00/04822) [30] US (09/120,829) 1998-07-22</p>	<p style="text-align: right;">[21] 2,338,360 [13] A1</p> <p>[51] Int.Cl. 6A61F 5/00 [25] EN [54] FOOD INTAKE RESTRICTION DEVICE [54] DISPOSITIF DE RESTRICTION D'INGESTION DE NOURRITURE [72] FORSELL, PETER, CH [71] OBTECH MEDICAL AG, CH [85] 2001-01-22 [86] 1999-08-12 (PCT/SE99/01366) [87] 2000-02-24 (WO00/09048) [30] US (09/133,319) 1998-08-13</p>	<p style="text-align: right;">[21] 2,338,366 [13] A1</p> <p>[51] Int.Cl. 7B65D 81/32 7B65D 83/14 [25] EN [54] PACKAGING SYSTEM FOR MIXING AND DISPENSING MULTICOMPONENT PRODUCTS [54] SYSTEME DE CONDITIONNEMENT SERVANT A MELANGER ET A DISTRIBUER DES PRODUITS CONTENANT DES INGREDIENTS MULTIPLES [72] HEALY, DAVID MICHAEL, GB [72] COOPER, MATTHEW MARTIN DEROME, GB [71] GILTECH LIMITED, GB [85] 2001-01-22 [86] 1999-10-22 (PCT/GB99/03516) [87] 2000-05-04 (WO00/24649) [30] GB (9823029.5) 1998-10-22</p>
<p style="text-align: right;">[21] 2,338,357 [13] A1</p> <p>[51] Int.Cl. 7A63B 37/06 [25] EN [54] GOLF BALL WITH MULTI-LAYER COVER [54] BALLE DE GOLF AVEC ENVELOPPE MULTICOUCHE [72] BINETTE, MARK L., US [72] SULLIVAN, MICHAEL J., US [71] SPALDING SPORTS WORLDWIDE, INC., US [85] 2001-01-22 [86] 2000-06-16 (PCT/US00/17089) [87] 2000-12-28 (WO00/78408) [30] US (09/335,302) 1999-06-17</p>	<p style="text-align: right;">[21] 2,338,362 [13] A1</p> <p>[51] Int.Cl. 7B24B 47/12 7B24B 41/04 7B23Q 5/10 7B24B 19/12 [25] EN [54] GRINDING-SPINDLE UNIT WITH MAGNETIC DRIVE [54] ENSEMBLE BROCHE PORTE-MEULE A ENTRAINEMENT MAGNETIQUE [72] JUNKER, ERWIN, DE [72] LINDNER, JURGEN, DE [71] ERWIN JUNKER MASCHINENFABRIK GMBH, DE [85] 2001-01-22 [86] 1999-04-14 (PCT/EP99/02524) [87] 2000-02-03 (WO00/05033) [30] DE (198 33 241.6) 1998-07-23</p>	<p style="text-align: right;">[21] 2,338,368 [13] A1</p> <p>[51] Int.Cl. 6F16J 9/00 6B21D 21/00 [25] EN [54] GASKET FOR HEAT EXCHANGER AND METHOD AND APPARATUS FOR MANUFACTURING SAME [54] JOINT POUR ECHANGEUR THERMIQUE, PROCEDE ET APPAREIL DE FABRICATION DUDIT JOINT [72] MEYER, REID M., US [72] SUGGS, STEVEN M., US [71] ACADIA ELASTOMERS CORPORATION, US [85] 2001-01-22 [86] 1999-07-13 (PCT/US99/15741) [87] 2000-02-03 (WO00/05521) [30] US (09/122,038) 1998-07-23</p>
<p style="text-align: right;">[21] 2,338,359 [13] A1</p> <p>[51] Int.Cl. 6A61F 5/00 [25] EN [54] FOOD INTAKE RESTRICTION DEVICE [54] DISPOSITIF DE RESTRICTION D'INGESTION DE NOURRITURE [72] FORSELL, PETER, CH [71] OBTECH MEDICAL AG, CH [85] 2001-01-22 [86] 1999-08-12 (PCT/SE99/01367) [87] 2000-02-24 (WO00/09049) [30] US (09/133,322) 1998-08-13</p>	<p style="text-align: right;">[21] 2,338,364 [13] A1</p> <p>[51] Int.Cl. 6B01F 3/00 [25] EN [54] MIXING APPARATUS [54] APPAREIL DE MELANGE [72] JOHANSSON, MATS, SE [72] FOLESTAD, STAFFAN, SE [71] ASTRAZENECA AB, SE [85] 2001-01-22 [86] 1999-07-29 (PCT/SE99/01325) [87] 2000-02-17 (WO00/07705) [30] SE (9802690-9) 1998-08-07</p>	<p style="text-align: right;">[21] 2,338,369 [13] A1</p> <p>[51] Int.Cl. 6B05B 11/00 [25] EN [54] CONTAINER WITH MANUAL PUMP [54] CONTENEUR A POMPE MANUELLE [72] TSUJII, NORIHIRO, JP [72] TSUBAKI, TATSUO, JP [71] YOSHINO KOGYOSHO CO., LTD., JP [85] 2001-01-22 [86] 1999-07-23 (PCT/JP99/03974) [87] 2000-02-03 (WO00/04997) [30] JP (10/208852) 1998-07-24 [30] JP (10/208855) 1998-07-24 [30] JP (11/207519) 1999-07-22 [30] JP (11/207542) 1999-07-22</p>

Demandes PCT entrant en phase nationale

[21] **2,338,371**
[13] A1

[51] **Int.Cl. 6F28D 19/04**
[25] EN
[54] **FLOATING BYPASS SEAL FOR ROTARY REGENERATIVE HEAT EXCHANGERS**
[54] **JOINT DE DERIVATION FLOTTANT POUR ECHANGEURS DE CHALEUR REGENERATIFS ET ROTATIFS**
[72] FIERLE, KURT MICHAEL, US
[72] RHODES, ROBIN BARRY, US
[71] ABB AIR PREHEATER, INC., US
[85] 2001-01-22
[86] 1999-01-27 (PCT/US99/01741)
[87] 2000-03-09 (WO00/12949)
[30] US (09/140,883) 1998-08-27

[21] **2,338,372**
[13] A1

[51] **Int.Cl. 7C11D 17/00 7C11D 3/00 7C11D 3/20 7C11D 3/50 7C11D 1/62**
[25] EN
[54] **WATER-IN-OIL MICROEMULSION FOR PROVIDING COSMETIC ATTRIBUTES TO FABRIC SOFTENING BASE COMPOSITION**
[54] **EMULSION EAU DANS L'HUILE POUR FOURNIR DES CARACTERISTIQUES COSMETIQUES A UNE COMPOSITION DE BASE D'UN PRODUIT ASSOUPLEISSANT**
[72] TUMMERS, DOMINIQUE, BE
[72] EWBANK, ERIC, BE
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2001-01-22
[86] 1999-07-29 (PCT/US99/17319)
[87] 2000-02-10 (WO00/06690)
[30] US (09/126,308) 1998-07-30

[21] **2,338,374**
[13] A1

[51] **Int.Cl. 7B06B 1/02 7G01H 11/06**
[25] EN
[54] **METHOD OF MANUFACTURING A CAPACITIVE ULTRASOUND TRANSDUCER**
[54] **PROCEDE DE FABRICATION D'UN TRANSDUCTEUR CAPACITIF ULTRASONORE**
[72] NOBLE, RUSSELL, GB
[72] BOZEAT, ROBERT JOHN, GB
[71] THE SECRETARY OF STATE FOR DEFENCE, GB
[85] 2001-01-22
[86] 1999-07-23 (PCT/GB99/02217)
[87] 2000-02-03 (WO00/05001)
[30] GB (9815992.4) 1998-07-23

[21] **2,338,375**
[13] A1

[51] **Int.Cl. 6E21B 10/32 6E21B 10/66**
[25] EN
[54] **DRILLING APPARATUS WITH A RADIALY DISPLACEABLE REAMER AS WELL AS A REAMER AND A PILOT BIT**
[54] **APPAREIL DE FORAGE POURVU D'UN ALESOIR MOBILE RADIALEMENT, ALESOIR ET COURONNE PILOTE**
[72] KOLKER, JOHN M., US
[72] GRAFE, EDWARD F., US
[72] MANTOOTH, JAMES A., US
[71] SANDVIK AB, SE
[85] 2001-01-22
[86] 1999-07-05 (PCT/SE99/01216)
[87] 2000-02-03 (WO00/05481)
[30] US (09/121,189) 1998-07-23

[21] **2,338,376**
[13] A1

[51] **Int.Cl. 6B21J 5/02 6C22C 9/04 6B21K 23/04**
[25] EN
[54] **DIE FORGING METHOD**
[54] **PROCEDE DE FORGEAGE PAR MATRICES**
[72] YAMAUCHI, ATSUSHI, JP
[72] UCHIO, KENJI, JP
[72] AZUMA, HIROSHI, JP
[72] SUGIMOTO, RYOICHI, JP
[72] SHIRAISHI, MASATERU, JP
[72] NAKAMURA, KATSUAKI, JP
[72] SATOH, TAKAHIRO, JP
[71] TOTO LTD., JP
[85] 2001-01-22
[86] 1999-07-23 (PCT/JP99/03964)
[87] 2000-02-03 (WO00/05008)
[30] JP (10/209173) 1998-07-24
[30] JP (10/275792) 1998-09-29
[30] JP (10/284637) 1998-10-06
[30] JP (10/345562) 1998-12-04
[30] JP (10/368149) 1998-12-24
[30] JP (11/70155) 1999-03-16
[30] JP (11/70156) 1999-03-16
[30] JP (11/76672) 1999-03-19
[30] JP (11/122856) 1999-04-28
[30] JP (11/157297) 1999-06-04

[21] **2,338,377**
[13] A1

[51] **Int.Cl. 6B01F 3/04**
[25] EN
[54] **VAPOR/LIQUID CONTACTING CYCLONE WITH DEVICES TO PREVENT BACKMIXING**
[54] **CYCLONE DE CONTACT VAPEUR/LIQUIDE DOTE DE DISPOSITIFS PERMETTANT D'EMPECHER LE RETRO-MELANGE**
[72] STOBER, BERNE KIM, US
[72] BUCHANAN, JOHN SCOTT, US
[71] MOBIL OIL CORPORATION, US
[85] 2001-01-22
[86] 1999-07-12 (PCT/US99/15656)
[87] 2000-02-03 (WO00/04988)
[30] US (09/120,419) 1998-07-22

[21] **2,338,378**
[13] A1

[51] **Int.Cl. 6C08G 18/79 6C09J 175/04 6C08G 18/10 6C08G 18/72**
[25] EN
[54] **MONOMER-POOR POLYURETHANE BONDING AGENT HAVING AN IMPROVED LUBRICANT ADHESION**
[54] **LIANT POLYURETHANE PRESENTANT UNE MEILLEURE ADHERENCE DE LUBRIFIANT**
[72] BOLTE, GERD, DE
[72] KRUDENSCHIEDT, MARKUS, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2001-01-22
[86] 1999-07-10 (PCT/EP99/04890)
[87] 2000-02-03 (WO00/05290)
[30] DE (198 32 556.8) 1998-07-20

[21] **2,338,379**
[13] A1

[51] **Int.Cl. 6A61F 2/44**
[25] EN
[54] **THREADED CYLINDRICAL MULTIDISCOID SINGLE OR MULTIPLE ARRAY DISC PROSTHESIS**
[54] **PROTHESE DISCALE, CYLINDRIQUE ET FILETEE, MULTIDRISCOIDE, UTILISABLE SEULE OU EN RANGEE**
[72] KUNZLER, ALEX, US
[72] BRYAN, VINCENT, US
[71] SPINAL DYNAMICS CORPORATION, US
[85] 2001-01-22
[86] 1999-07-22 (PCT/US99/16648)
[87] 2000-02-03 (WO00/04851)
[30] US (60/093,654) 1998-07-22

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[21] **2,338,380**
[13] A1

[51] **Int.Cl. 7C09D 7/06 7C09D 5/02 7C08B 11/193**
[25] EN
[54] **WATERBORNE COATINGS WITH CATIONICALLY MODIFIED ASSOCIATIVE ETHERS**
[54] **REVETEMENTS A BASE D'EAU AVEC ETHERS ASSOCIATIFS A MODIFICATION CATIONIQUE**
[72] KROON, GIJSBERT, NL
[71] HERCULES INCORPORATED, US
[85] 2001-01-22
[86] 1999-05-25 (PCT/US99/11728)
[87] 2000-02-10 (WO00/06656)
[30] US (09/128,632) 1998-07-27

[21] **2,338,381**
[13] A1

[51] **Int.Cl. 7E05B 17/00 7E05B 47/00 7F16D 43/16**
[25] EN
[54] **SELF-RELEASING CLUTCH ASSEMBLY FOR A VEHICLE DOOR LOCK**
[54] **ENSEMBLE ACCOUPLEMENT D'AUTO-DEBLOCAGE POUR SERRURE DE PORTE AUTOMOBILE**
[72] JORGENSEN, GREGORY A., US
[72] BANIAK, GRZEGORZ, CA
[71] ATOMA INTERNATIONAL CORP., CA
[85] 2001-01-22
[86] 1999-07-20 (PCT/CA99/00654)
[87] 2000-02-03 (WO00/05467)
[30] US (60/093,858) 1998-07-23

[21] **2,338,389**
[13] A1

[51] **Int.Cl. 6H04N 7/18**
[25] EN
[54] **HEADREST AND SEAT VIDEO IMAGING APPARATUS**
[54] **APPUI-TETE ET APPAREIL D'IMAGERIE VIDEO POUR SIEGE**
[72] WATKINS, SCOTT D., US
[71] WATKINS, SCOTT D., US
[85] 2001-01-19
[86] 1999-07-13 (PCT/US99/15750)
[87] 2000-02-03 (WO00/05896)
[30] US (09/121,155) 1998-07-22
[30] US (09/252,265) 1999-02-18

[21] **2,338,390**
[13] A1

[51] **Int.Cl. 6G01M 17/02 6G01N 29/26**
[25] EN
[54] **TIRE INSPECTION EQUIPMENT AND METHOD**
[54] **MATERIEL ET PROCEDE DE CONTROLE DE PNEUS**
[72] ALEXANDER, BRUCE M., US
[71] OLIVER RUBBER COMPANY, US
[85] 2001-01-19
[86] 1999-06-25 (PCT/US99/14479)
[87] 2000-02-03 (WO00/05561)
[30] US (60/093,758) 1998-07-22
[30] US (09/272,644) 1999-03-18

[21] **2,338,391**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **COMPUTER-IMPLEMENTED VALUE MANAGEMENT TOOL FOR AN ASSET INTENSIVE MANUFACTURER**
[54] **OUTIL DE GESTION DE VALEURS INFORMATISE POUR FABRICANT DE PRODUITS A FORTE CONCENTRATION D'ACTIFS**
[72] KALYAN, VIBHU K., US
[71] I2 TECHNOLOGIES, INC., US
[71] KALYAN, VIBHU K., US
[85] 2001-01-19
[86] 1999-07-22 (PCT/US99/16454)
[87] 2000-02-03 (WO00/05669)
[30] US (60/093,709) 1998-07-22

[21] **2,338,393**
[13] A1

[51] **Int.Cl. 7G06F 11/00**
[25] EN
[54] **INFORMATION SECURITY ANALYSIS SYSTEM**
[54] **SYSTEME D'ANALYSE DE SECURITE DE DONNEES**
[72] MALONEY, MICHAEL P., US
[72] SUIT, JOHN M., US
[72] RUBEL, RICH, US
[72] WOODUS, FRANCIS M., US
[71] RAYTHEON COMPANY, US
[85] 2001-01-19
[86] 1999-07-20 (PCT/US99/16467)
[87] 2000-02-03 (WO00/05651)
[30] US (60/093,559) 1998-07-21

[21] **2,338,395**
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7G01S 5/06**
[25] EN
[54] **IMPROVEMENTS IN MAKING TIME OF ARRIVAL MEASUREMENTS**
[54] **AMELIORATIONS RELATIVES AUX MESURES D'HEURE D'ARRIVEE**
[72] LUNDQVIST, PATRIK, US
[72] LARSSON, ERIK, SE
[72] FISCHER, SVEN, DE
[72] KANGAS, ARI, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-01-19
[86] 1999-07-23 (PCT/SE99/01307)
[87] 2000-02-10 (WO00/07404)
[30] US (09/123,201) 1998-07-27
[30] US (09/162,079) 1998-09-28

[21] **2,338,396**
[13] A1

[51] **Int.Cl. 6A61B 17/20 6A61M 31/00**
[25] EN
[54] **ULTRASONIC ENHANCEMENT OF DRUG INJECTION**
[54] **AMELIORATIONS PAR ULTRASONS DE L'INJECTION DE MEDICAMENTS**
[72] NASSI, MENO, US
[72] BRISKEN, ALEX, US
[72] MCKENZIE, JOHN, US
[72] ZUK, ROBERT, US
[72] ISNER, JEFF, US
[71] PHARMASONICS, INC., US
[85] 2001-01-19
[86] 1999-07-29 (PCT/US99/17305)
[87] 2000-02-10 (WO00/06032)
[30] US (09/126,011) 1998-07-29
[30] US (09/255,290) 1999-02-22

[21] **2,338,397**
[13] A1

[51] **Int.Cl. 6C12N 15/10 6C12P 19/34**
[25] EN
[54] **METHODS FOR PURIFYING NUCLEIC ACIDS**
[54] **PROCEDES RELATIFS A LA PURIFICATION DES ACIDES NUCLEIQUES**
[72] DANG, WARREN, US
[72] BRIDENBAUGH, ROBERT, US
[72] BUSSEY, LEE, US
[71] VALENTIS, INC., US
[85] 2001-01-19
[86] 1999-07-07 (PCT/US99/15280)
[87] 2000-02-03 (WO00/05358)
[30] US (09/121,798) 1998-07-23

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,338,398 [13] A1</p> <p>[51] Int.Cl. 7G06K 9/20 [25] EN [54] DISPLAY CAPTURE SYSTEM D’AFFICHAGE [72] DICHTER, CARL, US [71] INTEL CORPORATION, US [85] 2001-01-19 [86] 1999-06-17 (PCT/US99/13734) [87] 2000-02-03 (WO00/05679) [30] US (09/119,570) 1998-07-20</p>	<p style="text-align: right;">[21] 2,338,410 [13] A1</p> <p>[51] Int.Cl. 6B01D 53/06 6B60H 3/06 6B01D 46/26 [25] EN [54] MOVING SORBENT FILTER DEVICE [54] DISPOSITIF DE FILTRATION A ABSORBANT MOBILE [72] TANG, YUAN-MING, US [72] HARMS, MICHAEL R., US [72] LIRA, RICARDO, US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2001-01-15 [86] 1998-12-17 (PCT/US98/26768) [87] 2000-02-10 (WO00/06288) [30] US (09/126,190) 1998-07-30</p>	<p style="text-align: right;">[21] 2,338,414 [13] A1</p> <p>[51] Int.Cl. 7G06F 1/00 7H04L 29/06 7G06F 17/60 [25] EN [54] SYSTEM FOR TRACKING END-USER ELECTRONIC CONTENT USAGE [54] SYSTEME POUR SUIVRE L’UTILISATION DE CONTENUS ELECTRONIQUES PAR UN UTILISATEUR FINAL [72] DOWNS, EDGAR, US [72] MILSTED, KENNETH, US [72] DORAK, JOHN, JR., US [72] LEHMAN, CHRISTOPHER, US [72] LOTSPIECH, JEFFREY, US [72] MEDINA, CESAR, US [72] HURTADO, MARCO, US [72] GRUSE, GEORGE GREGORY, US [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US [85] 2001-01-23 [86] 1999-08-12 (PCT/US99/18383) [87] 2000-02-24 (WO00/08909) [30] US (09/133,519) 1998-08-13 [30] US (09/177,096) 1998-08-22 [30] US (09/152,756) 1998-09-14</p>
<p style="text-align: right;">[21] 2,338,400 [13] A1</p> <p>[51] Int.Cl. 6C25D 21/16 6C25C 1/10 6C25D 21/18 6B27K 3/32 6C02F 1/62 [25] EN [54] ELECTROCHEMICAL CONVERSION OF TRANSITION METAL CATIONS TO ANIONS AT A HIGHER OXIDATION STATE [54] CONVERSION ELECTROCHIMIQUE DE CATIONS DE METAUX DE TRANSITION EN ANIONS A UN ETAT D’OXYDATION ELEVE [72] BULL, DAVID CHARLES, NZ [71] FERNZ TIMBER PROTECTION LIMITED, NZ [85] 2001-01-19 [86] 1999-06-29 (PCT/NZ99/00094) [87] 2000-02-03 (WO00/05438) [30] NZ (331053) 1998-07-21</p>	<p style="text-align: right;">[21] 2,338,413 [13] A1</p> <p>[51] Int.Cl. 7B21B 43/00 7B21B 45/00 [25] EN [54] CONTINUOUS PRODUCTION FACILITIES FOR WIRE [54] INSTALLATIONS DE PRODUCTION EN CONTINU DE FIL METALLIQUE [72] SEKI, RYUICHI, JP [72] TSUCHIDA, KIICHIRO, JP [72] TANABE, KOJI, JP [72] ADACHI, KOJI, JP [71] NIPPON STEEL CORPORATION, JP [85] 2001-01-22 [86] 2000-05-24 (PCT/JP00/03317) [87] 2000-11-30 (WO00/71274) [30] JP (11/143156) 1999-05-24 [30] JP (11/152282) 1999-05-31</p>	<p style="text-align: right;">[21] 2,338,415 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/70 [25] EN [54] PREPARATION OF THIOARABINOFURANOSYL COMPOUNDS AND USE THEREOF [54] ELABORATION DE COMPOSES DE THIOARABINOFURANOSYL ET LEURS APPLICATIONS [72] MONTGOMERY, JOHN A., US [72] TIWARI, KAMAL N., US [72] SECRIST, JOHN A., III, US [71] SOUTHERN RESEARCH INSTITUTE, US [85] 2001-01-23 [86] 1999-07-23 (PCT/US99/16630) [87] 2000-02-03 (WO00/04866) [30] US (60/093,869) 1998-07-23</p>
<p style="text-align: right;">[21] 2,338,401 [13] A1</p> <p>[51] Int.Cl. 7G01N 33/543 7G01N 33/531 7C12Q 1/68 [25] EN [54] OPTICAL DISC-BASED ASSAY DEVICES AND METHODS [54] DISPOSITIFS DE DOSAGE UTILISANT DES DISQUES OPTIQUES ET METHODES CORRESPONDANTES [72] VIRTANEN, JORMA, US [71] BURSTEIN LABORATORIES, INC., US [85] 2001-01-19 [86] 1999-07-20 (PCT/US99/12395) [87] 2000-02-03 (WO00/05582) [30] US (09/120,049) 1998-07-21</p>		

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[21] **2,338,419**
[13] A1
[51] **Int.Cl. 6A61K 38/00 6A61K 31/195 6A61K 31/725**
[25] EN
[54] **PULMONARY DELIVERY OF ACTIVE AGENTS**
[54] **ADMINISTRATION DE SUBSTANCES ACTIVES PAR LA VOIE PULMONAIRE**
[72] SARUBBI, DONALD J., US
[72] SMART, JOHN E., US
[72] FLANDERS, ELIZABETH, US
[72] CAROZZA, MONICA, US
[72] GSCHNEIDNER, DAVID, US
[72] LEONE-BAY, ANDREA, US
[72] O'TOOLE, DORIS, US
[72] MILSTEIN, SAM J., US
[71] EMISPHERE TECHNOLOGIES, INC., US
[85] 2001-01-22
[86] 1999-07-27 (PCT/US99/16957)
[87] 2000-02-10 (WO00/06184)
[30] US (60/094,267) 1998-07-27
[30] US (60/104,466) 1998-10-16

[21] **2,338,420**
[13] A1
[51] **Int.Cl. 7H04J 13/00 7H04L 1/18 7H04L 12/20 7H04Q 7/38**
[25] EN
[54] **METHOD FOR IMPLEMENTING RADIO LINK PROTOCOL FOR EFFICIENT DATA TRANSMISSION**
[54] **PROCEDE SERVANT A METTRE EN APPLICATION UN PROTOCOLE DE LIAISON RADIO POUR UNE TRANSMISSION DE DONNEES EFFICACE**
[72] CHANG, HOON, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2001-01-22
[86] 1999-08-04 (PCT/KR99/00429)
[87] 2000-02-17 (WO00/08868)
[30] KR (1998/31953) 1998-08-04

[21] **2,338,421**
[13] A1
[51] **Int.Cl. 6C07C 225/22 6C07C 221/00**
[25] EN
[54] **PROCESS FOR PRODUCING 2-AMINO BENZOPHENONE**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSE 2-AMINO BENZOPHENONE**
[72] HORIUCHI, TAKASHI, JP
[72] MATSUMOTO, HIROO, JP
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[85] 2001-01-22
[86] 1999-07-22 (PCT/JP99/03922)
[87] 2000-02-03 (WO00/05195)
[30] JP (10/207910) 1998-07-23

[21] **2,338,422**
[13] A1
[51] **Int.Cl. 6G02B 27/09 6B23K 26/00 6G02B 3/02 6G02B 13/08**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING AN IMPROVED LASER BEAM**
[54] **DISPOSITIF ET TECHNIQUE AFFERENTE DE PRODUCTION DE FAISCEAU LASER AMELIORE**
[72] MCCAY, MARY HELEN, US
[72] SCHWARTZ, FREDERICK A., US
[72] HOPKINS, JOHN A., US
[72] DAHOTRE, NARENDRA B., US
[72] MCCAY, THURMAN DWAYNE, US
[72] BIBLE, JOHN BRICE, US
[71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US
[85] 2001-01-22
[86] 1999-07-09 (PCT/US99/15421)
[87] 2000-02-10 (WO00/07054)
[30] US (09/127,396) 1998-07-31

[21] **2,338,423**
[13] A1
[51] **Int.Cl. 6A61B 5/04**
[25] EN
[54] **DIGITAL ECG DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION ECG NUMERIQUE**
[72] LAZAREVIC, ZORAN, US
[72] GUTTMAN, MICHAEL A., US
[71] CARDIO TECHNOLOGIES, INC., US
[85] 2001-01-22
[86] 1999-07-22 (PCT/US99/16258)
[87] 2000-02-03 (WO00/04824)
[30] US (60/093,918) 1998-07-23

[21] **2,338,425**
[13] A1
[51] **Int.Cl. 7E06B 9/44 7F16B 5/06**
[25] EN
[54] **METHOD FOR MOUNTING A FABRIC**
[54] **PROCEDE DE MONTAGE D'UN TISSU**
[72] WELFONDER, KONRAD, DE
[71] HUNTER DOUGLAS INDUSTRIES B.V., NL
[85] 2001-01-22
[86] 1999-07-23 (PCT/EP99/05288)
[87] 2000-02-03 (WO00/05479)
[30] EP (98202486.1) 1998-07-24

[21] **2,338,426**
[13] A1
[51] **Int.Cl. 7G09F 3/02 7G09F 9/00**
[25] EN
[54] **LABELS AND PROMOTIONAL DEVICES**
[54] **ETIQUETTES ET DISPOSITIFS PUBLICITAIRES**
[72] INSTANCE, ANDREW EDWARD, GB
[72] INSTANCE, SIMON DAVID, GB
[72] INSTANCE, DAVID JOHN, GB
[71] INSTANCE, ANDREW EDWARD, GB
[71] INSTANCE, SIMON DAVID, GB
[71] INSTANCE, DAVID JOHN, GB
[85] 2001-01-22
[86] 1999-07-16 (PCT/GB99/02298)
[87] 2000-02-03 (WO00/05701)
[30] GB (9816130.0) 1998-07-23

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<p style="text-align: right;">[21] 2,338,429 [13] A1</p> <p>[51] Int.Cl. 7H04M 11/04 [25] EN [54] METHOD AND SYSTEM FOR COMMUNICATING CALLER IDENTIFICATION INFORMATION BETWEEN A REMOTE SITE AND A CENTRAL MONITORING STATION OVER PSTN [54] PROCEDE ET SYSTEME DE COMMUNICATION D'INFORMATIONS CONCERNANT L'IDENTIFICATION DE L'APPELANT ENTRE UN SITE ELOIGNE ET UNE STATION CENTRALE DE SURVEILLANCE PAR LE BIAIS DU RTPC [72] DOSANI, NAZIR, CA [72] LADHA, NIZAR, CA [71] DOSANI, NAZIR, CA [71] LADHA, NIZAR, CA [85] 2001-01-22 [86] 1999-07-30 (PCT/CA99/00689) [87] 2000-02-17 (WO00/08839) [30] CA (2,242,272) 1998-07-31 [30] CA (2,249,711) 1998-10-20</p>	<p style="text-align: right;">[21] 2,338,433 [13] A1</p> <p>[51] Int.Cl. 7B23K 9/028 [25] EN [54] MOBILE DEVICE FOR AUTOMATIC PIPE WELDING [54] DISPOSITIF MOBILE POUR LE SOUDAGE AUTOMATIQUE DE TUYAUX [72] BOSIO, PAOLO, IT [71] PSI PIPELINE SERVICE S.A., CH [85] 2001-01-22 [86] 1999-07-15 (PCT/EP99/05000) [87] 2000-02-03 (WO00/05025) [30] IT (MI98A001724) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,437 [13] A1</p> <p>[51] Int.Cl. 7H01S 3/06 [25] EN [54] OPTICAL WAVEGUIDE WITH DISSIMILAR CORE AND CLADDING MATERIALS, AND LIGHT EMITTING DEVICE EMPLOYING THE SAME [54] GUIDE D'ONDES OPTIQUE A AME ET GAINÉ DE MATERIAUX DISSEMBLABLES, ET DISPOSITIF EMETTEUR DE LUMIERE L'UTILISANT [72] MCCALLION, KEVIN J., US [72] LAWRENCE, BRIAN L., US [71] MOLECULAR OPTOELECTRONICS CORPORATION, US [85] 2001-01-23 [86] 1999-07-22 (PCT/US99/16661) [87] 2000-02-03 (WO00/05788) [30] US (09/121,454) 1998-07-23</p>
<p style="text-align: right;">[21] 2,338,431 [13] A1</p> <p>[51] Int.Cl. 7E21B 43/04 [25] EN [54] APPARATUS AND METHOD FOR OPEN HOLE GRAVEL PACKING [54] APPAREIL ET PROCEDE DE GRAVILLONNAGE DES CREPINES A DECOUVERT [72] HILL, LEO E., JR., US [72] BAYNE, CHRISTIAN F., US [71] BAKER HUGHES INCORPORATED, US [85] 2001-01-22 [86] 1999-07-22 (PCT/US99/16813) [87] 2000-02-03 (WO00/05484) [30] US (60/093,714) 1998-07-22</p>	<p style="text-align: right;">[21] 2,338,434 [13] A1</p> <p>[51] Int.Cl. 6A01N 25/04 [25] EN [54] PESTICIDE IN GEL FORM [54] PESTICIDE SOUS FORME DE GEL [72] MARSHALL, ROBERT JOHN, NZ [71] KIWICARE CORPORATION LIMITED, NZ [85] 2001-01-23 [86] 1999-07-02 (PCT/NZ99/00104) [87] 2000-01-20 (WO00/02447) [30] NZ (330949) 1998-07-08</p>	<p style="text-align: right;">[21] 2,338,464 [13] A1</p> <p>[51] Int.Cl. 6C08J 9/16 6B29C 44/34 [25] EN [54] EXPANDABLE THERMOPLASTIC POLYMER PARTICLES AND METHOD FOR MAKING SAME [54] PARTICULES DE POLYMERE THERMOPLASTIQUE EXPANSIBLE ET PROCEDE DE FABRICATION ASSOCIE [72] CRAIG, THOMAS ORR, GB [72] KLINGENSMITH, GEORGE B., US [71] HUNTSMAN CORPORATION, US [85] 2001-01-23 [86] 1999-01-21 (PCT/US99/01256) [87] 2000-02-03 (WO00/05296) [30] US (PCT/US98/15446) 1998-07-24 [30] US (09/122,512) 1998-07-24 [30] US (09/158,189) 1998-09-22</p>
<p style="text-align: right;">[21] 2,338,431 [13] A1</p> <p>[51] Int.Cl. 7E21B 43/04 [25] EN [54] APPARATUS AND METHOD FOR OPEN HOLE GRAVEL PACKING [54] APPAREIL ET PROCEDE DE GRAVILLONNAGE DES CREPINES A DECOUVERT [72] HILL, LEO E., JR., US [72] BAYNE, CHRISTIAN F., US [71] BAKER HUGHES INCORPORATED, US [85] 2001-01-22 [86] 1999-07-22 (PCT/US99/16813) [87] 2000-02-03 (WO00/05484) [30] US (60/093,714) 1998-07-22</p>	<p style="text-align: right;">[21] 2,338,436 [13] A1</p> <p>[51] Int.Cl. 7F02B 43/10 7A62D 3/00 7F02M 25/10 [25] EN [54] COMBUSTION OF FATS AND OILS [54] COMBUSTION DE GRAISSES ET D'HUILES [72] MCNEIL, JOHN, GB [71] FINCH INTERNATIONAL LIMITED, IE [85] 2001-01-23 [86] 1999-07-23 (PCT/GB99/02405) [87] 2000-02-03 (WO00/05492) [30] GB (9816244.9) 1998-07-24 [30] GB (9909199.3) 1999-04-21</p>	<p style="text-align: right;">[21] 2,338,474 [13] A1</p> <p>[51] Int.Cl. 7B27G 19/08 7B23K 37/04 7B25B 5/06 [25] EN [54] CLAMPING DEVICE [54] DISPOSITIF DE FIXATION [72] CARTWRIGHT, BERNARD, GB [71] CARTWRIGHT, BERNARD, GB [85] 2001-01-23 [86] 1999-07-23 (PCT/GB99/02222) [87] 2000-02-03 (WO00/05044) [30] GB (9816025.2) 1998-07-23</p>

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[21] **2,338,477**
[13] A1

[51] **Int.Cl. 7G02B 6/38**
[25] EN
[54] **MULTI-TERMINATOR OPTICAL INTERCONNECT SYSTEM**
[54] **SYSTEME D'INTERCONNEXION OPTIQUE MULTI-TERMINAISON**
[72] BARDOUNOTIS, ANASTASIA, US
[72] SCHOFIELD, PHILIP W., US
[71] STRATOS LIGHTWAVE, INC., US
[85] 2001-01-23
[86] 2000-05-12 (PCT/US00/13019)
[87] 2000-11-30 (WO00/72070)
[30] US (09/317,513) 1999-05-24

[21] **2,338,484**
[13] A1

[51] **Int.Cl. 7C23G 1/08 7C23G 1/02**
[25] EN
[54] **STRIPPER FOR SPECIAL STEEL**
[54] **DECAPANT POUR ACIERS SPECIAUX**
[72] SCHONFELDER, ECKART, DE
[72] WERNER, HARALD, DE
[72] SCHWANE, GUNTHER, DE
[71] CHEMETALL GMBH, DE
[85] 2001-01-24
[86] 1999-07-22 (PCT/EP99/05226)
[87] 2000-02-10 (WO00/06797)
[30] DE (198 33 990.9) 1998-07-29

[21] **2,338,496**
[13] A1

[51] **Int.Cl. 7C06B 45/10 7C06B 31/32**
[25] EN
[54] **IMPROVED GAS GENERATING COMPOSITION**
[54] **COMPOSITION GAZOGENE AMELIOREE**
[72] LYNCH, ROBERT D., US
[72] MARTIN, JAMES D., US
[72] WHEATLEY, BRIAN K., US
[71] ATLANTIC RESEARCH CORPORATION, US
[85] 2001-01-24
[86] 1999-07-16 (PCT/US99/16154)
[87] 2000-02-17 (WO00/07846)
[30] US (09/130,455) 1998-08-07

[21] **2,338,498**
[13] A1

[51] **Int.Cl. 7C07D 455/02**
[25] EN
[54] **PROCESS FOR THE SYNTHESIS OF (1H)-BENZO-C|QUINOLIZIN-3-ONES DERIVATIVES**
[54] **PROCEDE DE SYNTHESE DE DERIVES DE (1H)-BENZO-C|QUINOLIZIN-3-ONES**
[72] OCCHIATO, ERNESTO GIOVANNI, IT
[72] SERIO, MARIO, IT
[72] GUARNA, ANTONIO, IT
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN
[85] 2001-01-24
[86] 1999-07-23 (PCT/EP99/05277)
[87] 2000-02-17 (WO00/08019)
[30] EP (98114524.6) 1998-08-03

[21] **2,338,499**
[13] A1

[51] **Int.Cl. 7A22C 29/04**
[25] EN
[54] **A PROCESS OF ELIMINATION OF BACTERIA IN SHELLFISH, OF SHUCKING SHELLFISH AND AN APPARATUS THEREFOR**
[54] **PROCESSUS POUR ELIMINER LES BACTERIES DANS DES CRUSTACES ET COQUILLAGES ET POUR DECORTIQUER DES CRUSTACES ET COQUILLAGES, ET APPAREIL UTILISE A CES FINS**
[72] VOISIN, ERNEST A., US
[71] VOISIN, ERNEST A., US
[85] 2001-01-24
[86] 1999-07-23 (PCT/US99/16759)
[87] 2000-02-03 (WO00/04785)
[30] US (09/121,725) 1998-07-24

[21] **2,338,504**
[13] A1

[51] **Int.Cl. 7C07D 498/04 7C07D 221/00 7C07D 263/00 7C07D 277/00 7C07D 293/00 7C07D 513/04 7C07D 517/04 7C07D 513/14 7A61K 31/44**
[25] EN
[54] **OXAZOLO, THIAZOLO AND SELENAZOLO -4,5-C|-QUINOLIN-4-AMINES AND ANALOGS THEREOF**
[54] **OXAZOLO, THIAZOLO ET SELENAZOLO -4,5-C|-QUINOLINE-4-AMINES ET LEURS ANALOGUES**
[72] GERSTER, JOHN F., US
[72] MERRILL, BRYON A., US
[72] RICE, MICHAEL J., US
[72] MICKELSON, JOHN W., US
[72] MARSZALEK, GREGORY J., US
[72] LINDSTROM, KYLE J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2001-01-24
[86] 1999-07-28 (PCT/US99/17027)
[87] 2000-02-10 (WO00/06577)
[30] US (60/094,346) 1998-07-28
[30] US (09/361,544) 1999-07-27

[21] **2,338,508**
[13] A1

[51] **Int.Cl. 7B22D 41/00**
[25] EN
[54] **TUNDISH IMPACT PAD**
[54] **COUSSIN D'IMPACT DE PANIER DE COULEE**
[72] SUTTON, DENNIS, GB
[71] FOSECO INTERNATIONAL LIMITED, GB
[85] 2001-01-24
[86] 1999-07-27 (PCT/GB99/02233)
[87] 2000-02-10 (WO00/06324)
[30] GB (9816458.5) 1998-07-29

[21] **2,338,509**
[13] A1

[51] **Int.Cl. 6A61F 7/00**
[25] EN
[54] **GELLING COLD PACK**
[54] **COMPRESSE FROIDE GELIFIANTE**
[72] SABIN, MARTIN W., US
[71] TEMPRA TECHNOLOGY, INC., US
[85] 2001-01-24
[86] 1999-07-30 (PCT/US99/17376)
[87] 2000-02-10 (WO00/06063)
[30] US (09/127,102) 1998-07-31

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,338,511 [13] A1</p> <p>[51] Int.Cl. 7B60J 5/04 [25] EN [54] VEHICLE DOOR REINFORCING BEAM AND METHOD OF MAKING IT [54] BARRE DE RENFORCEMENT DE PORTIERE DE VEHICULE ET SON PROCEDE DE FABRICATION [72] MELLIS, JAY, US [71] COSMA INTERNATIONAL INC., CA [85] 2001-01-24 [86] 1999-09-14 (PCT/CA99/00841) [87] 2000-03-23 (WO00/15453) [30] US (60/100,570) 1998-09-16</p>	<p style="text-align: right;">[21] 2,338,521 [13] A1</p> <p>[51] Int.Cl. 7A24C 5/18 [25] EN [54] INCORPORATION OF SMOKE-MODIFYING AGENTS IN SMOKING MATERIAL RODS [54] INCORPORATION D'AGENTS MODIFICATEURS DE LA FUMEE DANS DES TIGES DE MATIERE A FUMER [72] OLIVER, RICHARD, GB [71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB [85] 2001-01-24 [86] 1999-08-06 (PCT/GB99/02600) [87] 2000-02-24 (WO00/08959) [30] GB (9817605.0) 1998-08-14</p>	<p style="text-align: right;">[21] 2,338,527 [13] A1</p> <p>[51] Int.Cl. 7C12P 41/00 7C07C 51/00 [25] EN [54] PROCESS FOR PREPARING OPTICALLY PURE (S)-3-HYDROXY-GAMA-BUTYROLACTONE [54] PROCEDE DE PREPARATION DE (S)-3-HYDROXY-GAMMA-BUTYROLACTONE OPTIQUEMENT PURE [72] PARK, YOUNG MI, KR [72] CHO, YIK-HAENG, KR [72] CHUN, JONG PIL, KR [72] ROH, KYOUNG ROK, KR [72] HWANG, DAE IL, KR [72] YU, HO SUNG, KR [71] SAMSUNG FINE CHEMICALS CO., LTD., KR [85] 2001-01-23 [86] 1999-07-23 (PCT/KR99/00395) [87] 2000-02-03 (WO00/05399) [30] KR (1998/29912) 1998-07-24</p>
<p style="text-align: right;">[21] 2,338,514 [13] A1</p> <p>[51] Int.Cl. 7B60N 2/22 [25] EN [54] A RECLINER ASSEMBLY [54] MECANISME D'INCLINAISON [72] MAGYAR, JOSEPH J., US [71] MAGNA INTERIOR SYSTEMS INC., CA [85] 2001-01-24 [86] 1999-07-20 (PCT/CA99/00653) [87] 2000-02-10 (WO00/06414) [30] US (60/094,339) 1998-07-28</p>	<p style="text-align: right;">[21] 2,338,522 [13] A1</p> <p>[51] Int.Cl. 7G06K 1/18 7G07C 9/00 7G06K 7/00 7G06K 17/00 7G06K 19/07 7G08B 13/24 [25] EN [54] RADIO FREQUENCY IDENTIFICATION SYSTEMS APPLICATIONS [54] APPLICATIONS POUR DES SYSTEMES D'IDENTIFICATION DE FREQUENCE RADIO [72] KRUSE, JOHN M., US [72] GONZALEZ, BERNARD A., US [72] GARBER, SHARON R., US [72] LINDAHL, RICHARD W., US [72] NASH, JAMES E., US [72] KAREL, GERALD L., US [72] YORKOVICH, JOHN D., US [72] PIOTROWSKI, CHESTER, US [72] GRUNES, MITCHELL B., US [72] JACKSON, RICHARD H., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-01-24 [86] 1999-08-05 (PCT/US99/17857) [87] 2000-02-24 (WO00/10122) [30] US (09/134,688) 1998-08-14</p>	<p style="text-align: right;">[21] 2,338,528 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/02 6B65B 59/00 [25] EN [54] REMOTE PATIENT MONITORING SYSTEM WITH GARMENT AND AUTOMATED MEDICATION DISPENSER [54] SYSTEME DE TELESURVEILLANCE DE PATIENT A VETEMENT ET DISTRIBUTEUR AUTOMATIQUE DE MEDICAMENTS [72] SHUSTERMAN, LARRY, US [71] RAPID PATIENT MONITORING LLC., US [85] 2001-01-24 [86] 1999-07-22 (PCT/US99/16807) [87] 2000-02-10 (WO00/06018) [30] US (09/126,662) 1998-07-30 [30] US (09/307,910) 1999-05-11</p>
<p style="text-align: right;">[21] 2,338,515 [13] A1</p> <p>[51] Int.Cl. 7B23K 9/095 [25] EN [54] ARC WELDING TORCH [54] TETE DE SOUDAGE A L'ARC [72] VILLAFUERTE, JULIO, CA [71] TREGASKISS LTD., CA [85] 2001-01-24 [86] 1999-07-14 (PCT/IB99/01286) [87] 2000-02-10 (WO00/06335) [30] US (60/094,587) 1998-07-29 [30] US (09/286,264) 1999-04-05</p>	<p style="text-align: right;">[21] 2,338,519 [13] A1</p> <p>[51] Int.Cl. 7G09F 15/00 7G09F 21/04 [25] EN [54] MOUNTING OF FLEXIBLE DISPLAY PANELS [54] MONTAGE DE PANNEAUX D'AFFICHAGE SOUPLES [72] LOWNDES, JAMES GEORGE, ZA [71] LOWNDES, JAMES GEORGE, ZA [85] 2001-01-24 [86] 1999-05-17 (PCT/ZA99/00033) [87] 2000-02-03 (WO00/05705) [30] ZA (98/6605) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,529 [13] A1</p> <p>[51] Int.Cl. 7A61M 5/48 7A61M 5/172 [25] EN [54] ANESTHETIC INJECTION APPARATUS [54] APPAREIL D'ANESTHESIE PAR INJECTION [72] SPINELLO, RONALD, US [71] SCICAN, A DIVISION OF LUX & ZWINGENBERGER LTD., CA [85] 2001-01-24 [86] 1999-07-27 (PCT/GB99/02423) [87] 2000-02-10 (WO00/06232) [30] US (09/122,915) 1998-07-27</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,338,531 [13] A1</p> <p>[51] Int.Cl. 7H04B 1/66 [25] EN [54] METHOD FOR INSERTING AUXILIARY DATA IN AN AUDIO DATA STREAM [54] PROCEDE PERMETTANT D'INTRODUIRE DES DONNEES AUXILIAIRES DANS UN TRAIN DE DONNEES SONORES [72] MCPARLAND, ANDREW KEVIN, GB [71] BRITISH BROADCASTING CORPORATION, GB [85] 2001-01-24 [86] 1999-07-29 (PCT/GB99/02473) [87] 2000-02-10 (WO00/07303) [30] GB (9816518.6) 1998-07-29</p>	<p style="text-align: right;">[21] 2,338,535 [13] A1</p> <p>[51] Int.Cl. 7A01N 43/82 [25] EN [54] PESTICIDAL COMPOSITIONS [54] COMPOSITIONS PESTICIDES [72] OOSTENDORP, MICHAEL, DE [72] RUESS, WILHELM, CH [71] SYNGENTA PARTICIPATIONS AG, CH [85] 2001-01-24 [86] 1999-07-28 (PCT/EP99/05415) [87] 2000-02-10 (WO00/05957) [30] GB (9816641.6) 1998-07-30</p>	<p style="text-align: right;">[21] 2,338,538 [13] A1</p> <p>[51] Int.Cl. 7B05D 7/24 7D06M 10/02 7D06M 10/10 7C23C 16/50 [25] EN [54] SURFACE COATINGS [54] REVETEMENTS [72] BADYAL, JAS PAL SINGH, GB [72] BREWER, STUART ANSON, GB [72] WILLIS, COLIN ROBERT, GB [72] COULSON, STEPHEN RICHARD, GB [71] THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT, GB [85] 2001-01-23 [86] 1999-07-02 (PCT/GB99/02121) [87] 2000-02-03 (WO00/05000) [30] GB (9816077.3) 1998-07-24</p>
<p style="text-align: right;">[21] 2,338,532 [13] A1</p> <p>[51] Int.Cl. 7B01J 8/00 7C08F 2/00 7B01J 8/24 [25] EN [54] PROCESS FOR INTRODUCING A SOLID CATALYST INTO A FLUIDISED OR AGITATED VESSEL [54] PROCEDE PERMETTANT D'INTRODUIRE UN CATALYSEUR SOLIDE DANS UNE CUVE FLUIDISEE OU EN MOUVEMENT [72] MORTEROL, FREDERIC ROBERT MARIE MICHEL, FR [71] BP CHEMICALS LIMITED, GB [85] 2001-01-24 [86] 1999-07-28 (PCT/GB99/02464) [87] 2000-02-17 (WO00/07714) [30] EP (98430019.4) 1998-07-31</p>	<p style="text-align: right;">[21] 2,338,536 [13] A1</p> <p>[51] Int.Cl. 7G02B 6/26 7A61B 1/07 [25] EN [54] DEVICE FOR COUPLING LOW NUMERICAL APERTURE LIGHT INPUT INTO HIGH NUMERICAL APERTURE OPTICAL INSTRUMENTS [54] DISPOSITIF DE COUPLAGE D'UNE ENTREE LUMINEUSE A OUVERTURE NUMERIQUE REDUITE DANS DES INSTRUMENTS OPTIQUES A GRANDES OUVERTURES NUMERIQUES [72] LI, KENNETH K., US [72] BRENNER, DOUGLAS M., US [72] CHEN, CHINGFA, US [71] COGENT LIGHT TECHNOLOGIES, INC., US [85] 2001-01-24 [86] 1999-07-23 (PCT/US99/16546) [87] 2000-02-03 (WO00/05609) [30] US (60/094,109) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,539 [13] A1</p> <p>[51] Int.Cl. 7H04B 1/00 [25] EN [54] HARDWARE-EFFICIENT TRANSCEIVER WITH DELTA-SIGMA DIGITAL-TO-ANALOG CONVERTER [54] EMETTEUR-RECEPTEUR EFFICACE SUR LE PLAN DE L'EQUIPEMENT TECHNIQUE, EQUIPE D'UN CONVERTISSEUR NUMERIQUE-ANALOGIQUE DELTA-SIGMA [72] BUTTERFIELD, DANIEL KEYES, US [71] QUALCOMM INCORPORATED, US [85] 2001-01-24 [86] 1999-07-27 (PCT/US99/17081) [87] 2000-02-10 (WO00/07301) [30] US (09/126,681) 1998-07-30</p>
<p style="text-align: right;">[21] 2,338,533 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/195 [25] EN [54] METHOD OF TREATING AN AUTOIMMUNE DISORDER [54] PROCEDE SERVANT A TRAITER UNE MALADIE AUTO-IMMUNE [72] BRYAN, THOMAS B., US [71] BRYAN, THOMAS B., US [85] 2001-01-23 [86] 1999-06-02 (PCT/US99/12232) [87] 1999-12-23 (WO99/65479) [30] US (60/090,005) 1998-06-19 [30] US (09/223,069) 1998-12-29</p>	<p style="text-align: right;">[21] 2,338,537 [13] A1</p> <p>[51] Int.Cl. 7A61B 17/32 7A61B 18/18 [25] EN [54] SURGICAL CUTTING DEVICE AND METHOD OF USING THE SAME [54] OUTIL DE COUPE CHIRURGICAL ET PROCEDE D'UTILISATION CORRESPONDANT [72] TANNER, HOWARD, US [71] EVA CORPORATION, US [85] 2001-01-24 [86] 1999-07-21 (PCT/US99/16421) [87] 2000-02-03 (WO00/04818) [30] US (09/121,706) 1998-07-24</p>	

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[21] **2,338,540**
[13] A1
[51] **Int.Cl. 7G01N 33/553 7B05D 1/00 7G01N 33/544**
[25] EN
[54] **A RAPID METHOD TO DETECT DUPLEX FORMATION IN SEQUENCING BY HYBRIDIZATION METHODS, A METHOD FOR CONSTRUCTING CONTAINMENT STRUCTURES FOR REAGENT INTERACTION**
[54] **PROCEDE RAPIDE DE DETECTION DE LA FORMATION D'UNE DOUBLE HELICE DANS DES PROCEDES DE SEQUENCAGE PAR HYBRIDATION, PROCEDE DE PRODUCTION DE STRUCTURES DE RETENTION POUR INTERACTION DE REACTIFS**
[72] SHICK, VALENTINE V., RU
[72] GEMMELL, MARGARET ANNE, US
[72] TIMOFEEV, EDWARD N., RU
[72] MIRZABEKOV, ANDREI DARIEVICH, RU
[72] YERSHOV, GENNADIY MOISEYEVICH, RU
[72] GUSCHIN, DMITRY YURYEVICH, US
[72] PROUDNIKOV, DMITRI Y., RO
[71] THE UNIVERSITY OF CHICAGO, US
[85] 2001-01-23
[86] 1999-08-02 (PCT/US99/17586)
[87] 2000-02-10 (WO00/07022)
[30] US (09/127,313) 1998-07-31

[21] **2,338,544**
[13] A1
[51] **Int.Cl. 7H04Q 7/38 7G01S 1/02 7G01S 5/10**
[25] EN
[54] **IMPROVEMENTS IN DOWNLINK OBSERVED TIME DIFFERENCE MEASUREMENTS**
[54] **AMELIORATION DE MESURES DU DECALAGE HORAIRE OBSERVE EN LIAISON DESCENDANTE**
[72] KANGAS, ARI, SE
[72] FISCHER, SVEN, DE
[72] CEDERVALL, MATS, SE
[72] LUNDQVIST, PATRIK, US
[72] LARSSON, ERIK, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-01-25
[86] 1999-07-27 (PCT/SE99/01322)
[87] 2000-02-17 (WO00/08886)
[30] US (09/131,150) 1998-08-07
[30] US (09/186,192) 1998-11-04

[21] **2,338,545**
[13] A1
[51] **Int.Cl. 7A61B 5/11 7A61B 5/048**
[25] EN
[54] **DEVICE FOR DETERMINING DEPTH OF SLEEP**
[54] **DISPOSITIF PERMETTANT DE DETERMINER LA PROFONDEUR DU SOMMEIL**
[72] DIMPFEL, WILFRIED, DE
[71] DIMPFEL, WILFRIED, DE
[85] 2001-01-24
[86] 1999-07-22 (PCT/EP99/05250)
[87] 2000-02-03 (WO00/04827)
[30] DE (198 33 497.4) 1998-07-24

[21] **2,338,546**
[13] A1
[51] **Int.Cl. 6C07D 273/06 6C09B 5/00 6A61K 31/40 6A61K 31/55**
[25] EN
[54] **PARTICLE-FORMING COMPOSITIONS CONTAINING FUSED PYRROLOCARBAZOLES**
[54] **COMPOSITIONS FORMANT DES PARTICULES CONTENANT DES PYRROLOCARBAZOLES FUSIONNES**
[72] DICKASON, DAVID A., US
[72] PATEL, PIYUSH R., US
[72] HERMAN, JOSEPH L., US
[72] SKELL, JEFFREY M., US
[72] SHEK, EFRAIM, US
[72] CORVARI, VINCENT, US
[71] CEPHALON, INC., US
[85] 2001-01-24
[86] 1999-08-06 (PCT/US99/17795)
[87] 2000-02-17 (WO00/08004)
[30] US (60/095,611) 1998-08-06
[30] US (09/368,409) 1999-08-05

[21] **2,338,547**
[13] A1
[51] **Int.Cl. 6A47B 97/00 6E01C 11/22**
[25] EN
[54] **WALKWAY ABUSE DETERRENT SYSTEM**
[54] **SYSTEME DE DISSUASION DE L'UTILISATION ABUSIVE DE CHEMINEMENTS PIETONNIERS**
[72] LOARIE, CHRISTOPHER T., US
[72] LOARIE, MICHAEL J., US
[71] INTELLICEPT, US
[85] 2001-01-23
[86] 1999-07-20 (PCT/US99/16225)
[87] 2000-02-03 (WO00/04806)
[30] US (09/122,242) 1998-07-24

[21] **2,338,548**
[13] A1
[51] **Int.Cl. 7H04N 5/04**
[25] EN
[54] **SYSTEM AND METHOD FOR SYNCHRONIZING, STORING AND ACCURATELY REPRODUCING VIDEO SIGNALS**
[54] **SYSTEME ET PROCEDE DE SYNCHRONISATION, DE STOCKAGE ET DE REPRODUCTION FIDELE DE SIGNAUX VIDEO**
[72] HORTON, RAYMOND S., US
[72] FANG, WILLIAM C., US
[71] ENSEO, INC., US
[85] 2001-01-25
[86] 2000-06-10 (PCT/US00/16022)
[87] 2000-12-21 (WO00/78037)
[30] US (60/139,050) 1999-06-10

[21] **2,338,549**
[13] A1
[51] **Int.Cl. 7C08J 9/28 7B29C 55/00 7B01D 67/00 7H01M 2/14**
[25] EN
[54] **PUNCTURE-RESISTANT POLYOLEFIN MEMBRANES**
[54] **MEMBRANES DE POLYOLEFINE RESISTANTES A LA PERFORATION**
[72] RADOVANOVIC, PHILIP D., US
[72] THOMAS, SCOTT D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2001-01-24
[86] 1999-07-01 (PCT/US99/15085)
[87] 2000-02-24 (WO00/09597)
[30] US (09/134,142) 1998-08-14

[21] **2,338,550**
[13] A1
[51] **Int.Cl. 6H01L 23/498**
[25] EN
[54] **THROUGH HOLE BUMP CONTACT**
[54] **CONTACT DE TYPE BOSSE POUR TROU TRAVERSANT**
[72] SCHUBERT, ROBERT J., US
[72] SCHUELLER, GAYLE R. T., US
[72] YASUI, HIDEAKI, US
[72] CLATANOFF, WILLIAM J., US
[72] SAITO, YUSUKI, US
[72] YAMAZAKI, HIDEO, US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2001-01-25
[86] 1999-01-15 (PCT/US99/00179)
[87] 2000-03-09 (WO00/13232)
[30] US (09/141,217) 1998-08-27

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<p style="text-align: right;">[21] 2,338,551 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/00 7A61K 39/02 7A61K 39/112 [25] EN [54] METHOD OF VACCINATION OF NEWLY HATCHED POULTRY [54] PROCEDE SERVANT A VACCINER DE NOUVELLES ECLOSIONS DE VOLAILLE [72] AEHLE, SANDRA M., US [71] MEGAN HEALTH, INC., US [85] 2001-01-23 [86] 1999-07-13 (PCT/US99/15843) [87] 2000-02-03 (WO00/04920) [30] US (09/122,299) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,555 [13] A1</p> <p>[51] Int.Cl. 7A61K 39/112 7A61K 39/116 7C12N 15/30 [25] EN [54] LIVE ATTENUATED SALMONELLA VACCINES TO CONTROL AVIAN PATHOGENS [54] VACCINS VIVANTS ATTENUES DE SALMONELLA SERVANT A LUTTER CONTRE LES PATHOGENES AVIAIRES [72] ROLAND, KENNETH L., US [71] MEGAN HEALTH, INC., US [85] 2001-01-23 [86] 1999-07-13 (PCT/US99/15842) [87] 2000-02-03 (WO00/04919) [30] US (09/122,441) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,562 [13] A1</p> <p>[51] Int.Cl. 6C06B 35/00 6C06B 45/00 [25] EN [54] METAL OXIDE CONTAINING GAS GENERATING COMPOSITION [54] OXYDE DE METAL CONTENANT UNE COMPOSITION GENERANT DU GAZ [72] WHEATLEY, BRIAN K., US [71] ATLANTIC RESEARCH CORPORATION, US [85] 2001-01-24 [86] 1999-07-16 (PCT/US99/16061) [87] 2000-02-17 (WO00/07963) [30] US (09/130,454) 1998-08-07</p>
<p style="text-align: right;">[21] 2,338,552 [13] A1</p> <p>[51] Int.Cl. 7A61C 19/06 [25] EN [54] MEDICATION DELIVERY TRAY [54] PLATEAU DE DISTRIBUTION DE MEDICAMENTS [72] BURGIO, PAUL A., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-01-24 [86] 1999-07-15 (PCT/US99/16028) [87] 2000-02-24 (WO00/09036) [30] US (09/133,199) 1998-08-13 [30] US (09/217,765) 1998-12-21</p>	<p style="text-align: right;">[21] 2,338,557 [13] A1</p> <p>[51] Int.Cl. 6A01J 5/017 [25] EN [54] AN APPARATUS FOR PERFORMING ANIMAL RELATED OPERATIONS [54] APPAREIL PERMETTANT DE REALISER DES OPERATIONS LIEES A UN ANIMAL [72] NILSSON, MATS, SE [71] DELAVAL HOLDING AB, SE [85] 2001-01-23 [86] 1999-07-23 (PCT/SE99/01302) [87] 2000-02-03 (WO00/04764) [30] SE (9802613-1) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,564 [13] A1</p> <p>[51] Int.Cl. 6H03K 9/00 6H04B 1/00 6H04L 27/00 6H04B 1/50 [25] EN [54] SINGLE CHIP CMOS TRANSMITTER/RECEIVER AND VCO-MIXER STRUCTURE [54] EMETTEUR/RECEPTEUR MONOPUCE A MOS COMPLEMENTAIRE ET STRUCTURE MELANGEUSE A OSCILLATEUR A FREQUENCE COMMANDEE [72] LEE, KYEONGHO, KR [72] JEONG, DEOG-KYOON, KR [71] GLOBAL COMMUNICATION TECHNOLOGY, INC., US [85] 2001-01-24 [86] 1999-07-23 (PCT/US99/14162) [87] 2000-02-03 (WO00/05815) [30] US (09/121,601) 1998-07-24 [30] US (09/121,863) 1998-07-24</p>
<p style="text-align: right;">[21] 2,338,553 [13] A1</p> <p>[51] Int.Cl. 7D21B 1/02 7B07B 4/02 [25] EN [54] METHOD AND DEVICE FOR SORTING PAPER MIXTURES [54] PROCEDE ET DISPOSITIF DE TRI D'UN MELANGE DE PAPIERS [72] BUCHHOLZ, GERD, DE [72] HUSKENS, JURGEN, DE [72] LENZEN, CLEMENS, DE [71] U.T.G. GESELLSCHAFT FUR UMWELTTECHNIK GMBH, DE [85] 2001-01-24 [86] 1999-05-25 (PCT/EP99/03578) [87] 2000-11-30 (WO00/71810)</p>	<p style="text-align: right;">[21] 2,338,559 [13] A1</p> <p>[51] Int.Cl. 7H01P 7/04 7H01P 1/205 [25] EN [54] COAXIAL CAVITY RESONATOR [54] CAVITE RESONNANTE COAXIALE [72] KANERVO, ANTTI, FI [72] RATY, TUOMO, FI [71] ALLGON AB, SE [85] 2001-01-24 [86] 1999-08-26 (PCT/SE99/01465) [87] 2000-03-09 (WO00/13256) [30] SE (9802871-5) 1998-08-26</p>	<p style="text-align: right;">[21] 2,338,566 [13] A1</p> <p>[51] Int.Cl. 7H01T 4/14 7H02H 9/06 [25] EN [54] CREEPING DISCHARGE LIGHTNING ARRESTOR [54] DECHARGEUR DE Foudre A DECHARGE RAMPANTE [72] MOROOKA, YASUNARI, JP [71] KYUSHU ELECTRIC POWER CO., INC., JP [85] 2001-01-24 [86] 2000-05-23 (PCT/JP00/03286) [87] 2000-11-30 (WO00/72417) [30] JP (11/145634) 1999-05-25</p>

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[21] **2,338,569**
[13] A1
[51] **Int.Cl. 7A01N 43/52 7A01N 25/04 7A01N 33/04 7A01N 33/08 7A01N 37/10 7A01N 43/30 7A01N 47/38 7B27K 3/50 7A01N 43/50 7A01N 43/653 7A01N 43/78**
[25] EN
[54] **METHOD FOR TREATING WOOD AGAINST THE ATTACK OF HARMFUL FUNGI**
[54] **PROCEDE POUR TRAITER LE BOIS CONTRE LES ATTAQUES PAR DES CHAMPIGNONS NUISIBLES**
[72] PARG, ADOLF, DE
[72] KOBER, REINER, DE
[72] KARDORFF, UWE, DE
[72] GOTTSCHKE, REIMER, DE
[71] DR. WOLMAN GMBH, DE
[85] 2001-01-24
[86] 1999-07-14 (PCT/EP99/04968)
[87] 2000-02-10 (WO00/05955)
[30] DE (198 34 028.1) 1998-07-28

[21] **2,338,570**
[13] A1
[51] **Int.Cl. 7B65D 81/32**
[25] EN
[54] **PACK**
[54] **EMBALLAGE**
[72] TYLDESLEY, FRANK, GB
[72] BARNARDO, CHRISTOPHER JOHN ANDREW, GB
[71] VANTICO AG, CH
[85] 2001-01-24
[86] 1999-08-05 (PCT/GB99/02582)
[87] 2000-02-24 (WO00/09416)
[30] GB (9817575.5) 1998-08-12

[21] **2,338,577**
[13] A1
[51] **Int.Cl. 7B01F 17/00**
[25] EN
[54] **PESTICIDE FORMULATIONS CONTAINING ALKOXYLATED AMINE NEUTRALIZED AROMATIC SULFONIC ACID SURFACTANTS**
[54] **FORMULATIONS PESTICIDES CONTENANT DES TENSIOACTIFS D'AMINE ALCOXYLEE NEUTRALISES PAR UN ACIDE SULFONIQUE AROMATIQUE**
[72] MOORE, CAROLYN ESTEP, US
[72] CHOW, VICTOR SHUI-CHIU, US
[72] SHANNON, TAMMY TYLER, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2001-01-24
[86] 1999-08-03 (PCT/EP99/05628)
[87] 2000-02-17 (WO00/07709)
[30] US (09/128,950) 1998-08-05

[21] **2,338,584**
[13] A1
[51] **Int.Cl. 6G03G 9/00**
[25] EN
[54] **ELECTROSTATIC TONER COMPOSITION TO ENHANCE COPY QUALITY BY REDUCTION OF GHOSTING AND METHOD OF MANUFACTURING SAME**
[54] **COMPOSITION D'ENCRE EN POWDRE ELECTROSTATIQUE DESTINEE A ACCROITRE LA QUALITE DE COPIE PAR REDUCTION DU DEDOUBLEMENT, ET PROCEDE DE FABRICATION ASSOCIE**
[72] HIRAMA, KAZUHIRO, US
[72] CHANG, SHAW-PING, US
[72] ASAJIMA, KENICHI, US
[72] OGATA, KENZO, US
[72] NAKAZATO, KENICHI, US
[71] MITSUBISHI CHEMICAL AMERICA, INC., US
[85] 2001-01-24
[86] 1999-07-27 (PCT/US99/16681)
[87] 2000-02-10 (WO00/07073)
[30] US (09/122,794) 1998-07-27

[21] **2,338,586**
[13] A1
[51] **Int.Cl. 7A61K 7/48 7A61K 7/46**
[25] EN
[54] **STABLE CLEANSING COMPOSITIONS CONTAINING ACTIVE AGENTS**
[54] **COMPOSITIONS DE NETTOYAGE STABLES CONTENANT DES AGENTS REACTIFS**
[72] ENGELHART, CAROLYN, US
[71] L'ORÉAL S.A., FR
[85] 2001-01-24
[86] 1999-08-12 (PCT/IB99/01423)
[87] 2000-02-24 (WO00/09083)
[30] US (60/096,643) 1998-08-14

[21] **2,338,587**
[13] A1
[51] **Int.Cl. 6H04M 1/64 6H04M 1/56**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING ENHANCED CALLER IDENTIFICATION**
[54] **PROCEDE ET SYSTEME ASSURANT UNE IDENTIFICATION AMELIOREE D'APPELANT**
[72] BENFIELD, STEVEN DARRELL, US
[72] MCBLAIN, THOMAS JOSEPH, US
[72] BOOK, NANCY ANN, US
[72] LATTE, TERESA FARIAS, US
[72] CRABTREE, WALDEN BLAINE JR., US
[72] KATO, TRACY LYNN, US
[72] UTESCH, BRIAN SCOTT, US
[72] HARDZINSKI, MARY LOUISE, US
[72] MACIEJEWSKI, JAMES THOMAS, US
[72] MOSS, JOHN WESLEY, US
[72] BRADY, ROBIN DENISE, US
[71] AMERITECH CORPORATION, US
[71] NORTHERN TELECOM LIMITED, CA
[85] 2001-01-24
[86] 1999-07-21 (PCT/US99/16584)
[87] 2000-02-03 (WO00/05860)
[30] US (09/122,165) 1998-07-24

[21] **2,338,590**
[13] A1
[51] **Int.Cl. 6C10M 125/00 6C10M 141/00**
[25] EN
[54] **CATALYZED LUBRICANT ADDITIVES AND CATALYZED LUBRICANT SYSTEMS DESIGNED TO ACCELERATE THE LUBRICANT BONDING REACTION**
[54] **ADDITIFS LUBRIFIANTS CATALYSES ET SYSTEMES LUBRIFIANTS CATALYSES PERMETTANT D'ACCELERER LA REACTION D'ADHERENCE DU LUBRIFIANT**
[72] GREER, F. CONRAD, US
[71] PLATINUM RESEARCH ORGANIZATION LTD., US
[85] 2001-01-24
[86] 1998-07-31 (PCT/US98/16013)
[87] 2000-02-10 (WO00/06674)

PCT Applications Entering the National Phase

[21] **2,338,591**
[13] A1

[51] **Int.Cl. 6C21B 13/14 6C21B 13/00 6C22B 1/00 6C22B 1/04 6C22B 1/10**
[25] EN
[54] **A DIRECT SMELTING PROCESS**
[54] **PROCEDE DE FUSION DIRECTE**
[72] DRY, RODNEY JAMES, AU
[71] TECHNOLOGICAL RESOURCES PTY LTD., AU
[85] 2001-01-24
[86] 1999-07-26 (PCT/AU99/00600)
[87] 2000-02-10 (WO00/06783)
[30] AU (PP 4839) 1998-07-24
[30] AU (PP 5406) 1998-08-21

[21] **2,338,592**
[13] A1

[51] **Int.Cl. 6C21B 13/14 6C21B 13/00 6C22B 1/00 6C22B 1/04 6C22B 1/10**
[25] EN
[54] **A DIRECT SMELTING PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE FUSION DIRECTE**
[72] DRY, RODNEY JAMES, AU
[71] TECHNOLOGICAL RESOURCES PTY LTD., AU
[85] 2001-01-24
[86] 1999-07-26 (PCT/AU99/00599)
[87] 2000-02-10 (WO00/06782)
[30] AU (PP 4838) 1998-07-24

[21] **2,338,594**
[13] A1

[51] **Int.Cl. 7C07D 233/61 7C07D 405/04 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7C07D 277/28 7C07D 263/32 7C07D 277/40 7A61K 31/4164 7C07D 263/48**
[25] EN
[54] **IMIDAZOLES AND RELATED COMPOUNDS AS .ALPHA.1A AGONISTS**
[54] **IMIDAZOLES ET COMPOSES APPARENTES EN TANT QU'AGONISTES D'.ALPHA.1A**
[72] ROHDE, JEFFREY, US
[72] CARROLL, WILLIAM A., US
[72] KOLASA, TEODOZYJ, US
[72] KHILEVICH, ALBERT, US
[72] MEYER, MICHAEL D., US
[72] ALTENBACH, ROBERT J., US
[72] HOLLADAY, MARK W., US
[72] KERWIN, JAMES F. JR., US
[71] ABBOTT LABORATORIES, US
[85] 2001-01-24
[86] 1999-08-06 (PCT/US99/17739)
[87] 2000-02-17 (WO00/07997)
[30] US (09/130,799) 1998-08-07
[30] US (09/364,901) 1999-07-29

[21] **2,338,595**
[13] A1

[51] **Int.Cl. 6H04N 1/024**
[25] EN
[54] **INTEGRATED IMAGE READING/ WRITING HEAD AND IMAGE PROCESSING APPARATUS INCORPORATING THE SAME**
[54] **TETE DE LECTURE/ECRITURE D'IMAGES INTEGREE ET PROCESSEUR D'IMAGES COMPORTANT CETTE TETE DE LECTURE/ECRITURE**
[72] FUJIMOTO, HISAYOSHI, JP
[72] ONISHI, HIROAKI, JP
[72] TAKAKURA, TOSHIHIKO, JP
[72] IMAMURA, NORIHIRO, JP
[71] ROHM CO., LTD., JP
[85] 2001-01-24
[86] 1999-07-30 (PCT/JP99/04143)
[87] 2000-02-10 (WO00/07358)
[30] JP (10/218092) 1998-07-31

[21] **2,338,599**
[13] A1

[51] **Int.Cl. 7C11C 1/02**
[25] EN
[54] **PARTIALLY SAPONIFIED TRIGLYCERIDES, THEIR METHODS OF MANUFACTURE AND USE AS POLYMER ADDITIVES**
[54] **TRIGLYCERIDES PARTIELLEMENT SAPONIFIES, PROCEDES DE FABRICATION, ET LEUR UTILISATION COMME ADDITIFS POUR POLYMERES**
[72] NYBERG, WAYNE H., US
[72] DIECKMANN, DALE J., US
[71] AMERICAN INGREDIENTS COMPANY, US
[85] 2001-01-24
[86] 1999-07-23 (PCT/US99/16740)
[87] 2000-02-10 (WO00/06676)
[30] US (09/126,805) 1998-07-31

[21] **2,338,600**
[13] A1

[51] **Int.Cl. 6C07D 513/04 6C07D 239/00 6C07D 277/00**
[25] EN
[54] **NOVEL THIAZOLOPYRIMIDINE COMPOUNDS**
[54] **NOUVEAUX COMPOSES DE THIAZOLOPYRIMIDINE**
[72] KINCHIN, ELIZABETH, GB
[72] WILLIS, PAUL, GB
[72] AUSTIN, RUPERT, GB
[72] BONNERT, ROGER, GB
[72] HUNT, FRASER, GB
[72] BAXTER, ANDREW, GB
[71] ASTRAZENECA AB, SE
[85] 2001-01-24
[86] 1999-08-03 (PCT/SE99/01333)
[87] 2000-02-24 (WO00/09511)
[30] SE (9802729-5) 1998-08-13

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[21] **2,338,601**
[13] A1

[51] **Int.Cl. 7G08B 13/24 7G07F 7/00 7G06F 17/60**
[25] EN
[54] **APPLICATIONS FOR RADIO FREQUENCY IDENTIFICATION SYSTEMS**
[54] **APPLICATIONS POUR SYSTEMES D'IDENTIFICATION PAR RADIOFREQUENCES**
[72] PIOTROWSKI, CHESTER, US
[72] YORKOVICH, JOHN D., US
[72] GARBER, SHARON R., US
[72] GONZALEZ, BERNARD A., US
[72] GRUNES, MITCHELL B., US
[72] KRUSE, JOHN M., US
[72] KAREL, GERALD L., US
[72] JACKSON, RICHARD H., US
[72] NASH, JAMES E., US
[72] LINDAHL, RICHARD W., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2001-01-25
[86] 1999-08-05 (PCT/US99/17767)
[87] 2000-02-24 (WO00/10144)
[30] US (09/134686) 1998-08-14
[30] US (09/344758) 1999-06-25

[21] **2,338,603**
[13] A1

[51] **Int.Cl. 7C08F 4/02 7C08F 10/06 7C08F 4/642 7C08F 4/643**
[25] EN
[54] **HIGHLY ACTIVE SUPPORTED CATALYST COMPOSITIONS**
[54] **COMPOSITIONS DE CATALYSEURS SUR SUPPORT HAUTEMENT ACTIVES**
[72] SPECA, ANTHONY N., US
[71] EXXON CHEMICAL PATENTS INC., US
[85] 2001-01-24
[86] 1999-06-24 (PCT/US99/14577)
[87] 2000-03-09 (WO00/12565)
[30] US (60/098,007) 1998-08-26

[21] **2,338,604**
[13] A1

[51] **Int.Cl. 6A61J 1/10 6A61M 5/14**
[25] EN
[54] **A BAG OR A BAG SYSTEM FOR COLLECTING AND STORING BLOOD AND A METHOD THEREFOR**
[54] **SAC OU SYSTEME A SAC POUR PRELEVEMENT ET STOCKAGE DE SANG ET PROCEDE CORRESPONDANT**
[72] MEIER, BJORN, DK
[71] MESIBO A/S, DK
[85] 2001-01-25
[86] 1999-07-28 (PCT/DK99/00422)
[87] 2000-02-10 (WO00/06079)
[30] DK (PA 1998 00983) 1998-07-29

[21] **2,338,605**
[13] A1

[51] **Int.Cl. 7A61K 9/00**
[25] EN
[54] **A MOLDABLE SOLID DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE MATIERE SOLIDE MOULABLE**
[72] MCENERY, KATHLEEN A., US
[72] DUNN, RICHARD L., US
[72] CHANDRASHEKAR, BHAGYA L., US
[71] ATRIX LABORATORIES, INC., US
[85] 2001-01-25
[86] 1999-07-08 (PCT/US99/15519)
[87] 2000-02-10 (WO00/06117)
[30] US (09/123,723) 1998-07-28

[21] **2,338,606**
[13] A1

[51] **Int.Cl. 7C08G 75/23 7C08G 75/02 7C08L 81/02 7C08L 81/06 7C08G 75/20**
[25] EN
[54] **MODIFICATION OF ENGINEERING-POLYMERS WITH BASIC N GROUPS AND ION-EXCHANGE GROUPS IN THE SIDE CHAIN**
[54] **MODIFICATION DE TECHNO-POLYMERES AVEC DES GROUPE N BASIQUES ET DES GROUPE ECHANGEURS D'IONS DANS LA CHAINE LATERALE**
[72] KERRES, JOCHEN, DE
[72] HARING, THOMAS, DE
[72] ULLRICH, ANDREAS, DE
[71] UNIVERSITAT STUTTGART, DE
[85] 2001-01-25
[86] 1999-08-12 (PCT/EP99/05862)
[87] 2000-02-24 (WO00/09588)
[30] DE (198 36 514.4) 1998-08-12

[21] **2,338,610**
[13] A1

[51] **Int.Cl. 7G06K 7/00 7G06K 13/08**
[25] EN
[54] **LOCKABLE SMART-CARD CONNECTOR**
[54] **CONNECTEUR A VERROUILLAGE, DESTINE A UNE CARTE A PUCE**
[72] PERNET, MICHEL, FR
[71] FRAMATOME CONNECTORS INTERNATIONAL, FR
[85] 2001-01-25
[86] 1999-07-28 (PCT/EP99/05404)
[87] 2000-02-10 (WO00/07136)
[30] FR (98/09710) 1998-07-29

[21] **2,338,611**
[13] A1

[51] **Int.Cl. 7C10B 53/00 7C10B 57/04**
[25] EN
[54] **METHOD FOR PROCESSING CHLORINE-CONTAINING ORGANIC COMPOUNDS**
[54] **PROCEDE DE TRAITEMENT DE COMPOSES ORGANIQUES CONTENANT DU CHLORE**
[72] UEMATSU, HIROSHI, JP
[72] KOMAKI, IKUO, JP
[72] KATO, KENJI, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2001-01-25
[86] 1999-07-28 (PCT/JP99/04052)
[87] 2000-02-10 (WO00/06668)
[30] JP (10/213817) 1998-07-29
[30] JP (11/179899) 1999-06-25

[21] **2,338,612**
[13] A1

[51] **Int.Cl. 7G01N 25/32**
[25] EN
[54] **DEVICE FOR MEASURING THE CONCENTRATION OF HYDROGEN IN A GASEOUS MIXTURE**
[54] **DISPOSITIF DE MESURE DE LA CONCENTRATION EN HYDROGENE DANS UN MELANGE GAZEUX**
[72] PEREZ, CHRISTIAN, FR
[72] BONHOMME, THIERRY, FR
[72] RONGIER, PIERRE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[85] 2001-01-25
[86] 2000-05-26 (PCT/FR00/01431)
[87] 2000-12-07 (WO00/73775)
[30] FR (99/06782) 1999-05-28

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[21] **2,338,613**
[13] A1

[51] **Int.Cl. 7B29C 45/67 7F15B 11/02 7F15B 21/14**
[25] EN
[54] **HYDROSTATIC DRIVE SYSTEM FOR AN INJECTION MOLDING MACHINE AND A METHOD FOR OPERATING SUCH A DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT HYDROSTATIQUE POUR PRESSE D'INJECTION ET SON PROCEDE DE FONCTIONNEMENT**
[72] DANTLGRABER, JORG, DE
[71] MANNESMANN REXROTH AG, DE
[85] 2001-01-24
[86] 1999-07-20 (PCT/EP99/05154)
[87] 2000-02-17 (WO00/07796)
[30] DE (198 34 826.6) 1998-08-01
[30] DE (198 42 534.1) 1998-09-17

[21] **2,338,614**
[13] A1

[51] **Int.Cl. 7D04H 1/70 7D04H 1/00 7D04H 13/00 7C03B 37/01**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING A MINERAL WOOL NONWOVEN FABRIC**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE FABRIQUER UNE NAPPE DE LAINE MINERALE**
[72] SCHORR, LUDWIG, DE
[72] NABER, WILFRIED, DE
[71] PFLEIDERER DAMMSTOFFTECHNIK INTERNATIONAL GMBH & CO., DE
[85] 2001-01-24
[86] 1999-08-03 (PCT/EP99/05626)
[87] 2000-02-17 (WO00/08244)
[30] DE (198 34 963.7) 1998-08-03

[21] **2,338,616**
[13] A1

[51] **Int.Cl. 7G01C 19/56**
[25] EN
[54] **AN ANGULAR RATE SENSOR**
[54] **DETECTEUR DE VITESSE ANGULAIRE**
[72] TOWNSEND, KEVIN, GB
[72] HOPKIN, IAN DAVID, GB
[72] FELL, CHRISTOPHER PAUL, GB
[71] BAE SYSTEMS PLC, GB
[85] 2001-01-24
[86] 1999-08-10 (PCT/GB99/02459)
[87] 2000-02-24 (WO00/09971)
[30] GB (9817347.9) 1998-08-11

[21] **2,338,617**
[13] A1

[51] **Int.Cl. 7B32B 31/00 7B28B 7/34**
[25] EN
[54] **THREE DIMENSIONAL PRINTING MATERIAL SYSTEM AND METHOD**
[54] **SYSTEME DE MATERIAUX D'IMPRESSIION TRIDIMENSIONNELS, ET PROCEDE CORRESPONDANT**
[72] BREDT, JAMES F., US
[72] ANDERSON, TIMOTHY C., US
[72] RUSSELL, DAVID B., US
[71] Z CORPORATION, US
[85] 2001-01-25
[86] 1999-09-09 (PCT/US99/20628)
[87] 2000-05-11 (WO00/26026)
[30] US (09/182,295) 1998-10-29

[21] **2,338,619**
[13] A1

[51] **Int.Cl. 7F02C 3/28**
[25] EN
[54] **MODIFIED FUEL GAS TURBO-EXPANDER FOR OXYGEN BLOWN GASIFIERS AND RELATED METHOD**
[54] **TURBODETENDEUR MODIFIE DE GAZ COMBUSTIBLE, DESTINE A DES GAZOGENES A OXYGENE PULSE, ET PROCEDE ASSOCIE**
[72] STATS, DAVID ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2001-01-25
[86] 2000-05-16 (PCT/US00/13443)
[87] 2000-12-14 (WO00/75499)
[30] US (09/325,174) 1999-06-03

[21] **2,338,620**
[13] A1

[51] **Int.Cl. 6A01N 25/00 6A01N 25/04 6A01N 25/24**
[25] EN
[54] **HYDRODYNAMIC INSECT BAIT**
[54] **APPATS HYDRODYNAMIQUES POUR INSECTES**
[72] BURNS, KEVIN, US
[72] BRENNER, RICHARD J., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[85] 2001-01-24
[86] 1998-07-28 (PCT/US98/15669)
[87] 2000-02-10 (WO00/05947)

[21] **2,338,621**
[13] A1

[51] **Int.Cl. 6C08B 11/02 6C08B 15/02 6C08J 3/03 6C08L 29/04 6C08L 3/08 6C08B 31/12 6C08B 37/14 6C08J 3/21 6C08L 1/26**
[25] EN
[54] **USE OF AQUEOUS PROTECTIVE COATING COMPOSITIONS FOR INDUSTRIAL COATINGS AND AQUEOUS COATING COMPOSITIONS**
[54] **UTILISATION DE COMPOSITIONS AQUEUSES DE REVETEMENT PROTECTEUR POUR PEINTURES INDUSTRIELLES ET COMPOSITIONS DE REVETEMENT AQUEUSES**
[72] KROON, GUISBERT, NL
[71] HERCULES INCORPORATED, US
[85] 2001-01-25
[86] 1999-08-11 (PCT/US99/18385)
[87] 2000-02-24 (WO00/09564)
[30] EP (98115111.1) 1998-08-11

[21] **2,338,622**
[13] A1

[51] **Int.Cl. 6H04J 13/02 6H04J 13/04 6H04B 1/69 6H04B 1/707**
[25] EN
[54] **BROADBAND POWER MANAGEMENT (POWER BANKING) WITHIN A BROADBAND MULTI-CARRIER BASE STATION TRANSCIEVER SYSTEM**
[54] **GESTION DE PUISSANCE LARGE BANDE (MISE EN RESERVE DE PUISSANCE) DANS UN SYSTEME LARGE BANDE D'EMETTEUR-RECEPTEUR DE STATION DE BASE A PLUSIEURS ONDES PORTEUSES**
[72] SCHMUTZ, THOMAS R., US
[71] AIRNET COMMUNICATIONS CORPORATION, US
[85] 2001-01-24
[86] 1999-07-30 (PCT/US99/17231)
[87] 2000-02-10 (WO00/07318)
[30] US (60/094,658) 1998-07-30

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,338,623 [13] A1</p> <p>[51] Int.Cl. 7C10G 31/06 [25] EN [54] PROCESS FOR REDUCING TOTAL ACID NUMBER OF CRUDE OIL [54] PROCEDE DE REDUCTION DE L'INDICE D'ACIDITE TOTAL DU PETROLE BRUT [72] BEARDEN, ROBY JR., US [72] ROBBINS, WINSTON KARL, US [72] OLMSTEAD, WILLIAM NEERGAARD, US [72] BLUM, SAUL CHARLES, US [71] EXXON RESEARCH AND ENGINEERING COMPANY, US [85] 2001-01-24 [86] 1999-07-16 (PCT/US99/16058) [87] 2000-02-24 (WO00/09631) [30] US (09/132,295) 1998-08-11</p>	<p style="text-align: right;">[21] 2,338,629 [13] A1</p> <p>[51] Int.Cl. 6C08B 37/12 6A61K 7/00 6A23L 1/0532 6C08L 5/12 6A61K 47/36 [25] EN [54] CARRAGEENAN COMPOSITIONS, AND PROCESSES FOR THEIR PRODUCTION [54] COMPOSITIONS DE CARRAGENINE ET LEURS PROCEDES DE PRODUCTION [72] LARSEN, HENRIK, DK [72] GROENDAL, JAN, DK [72] HANSEN, JACK HARBO, DK [71] CP KELCO APS, US [85] 2001-01-25 [86] 1998-08-27 (PCT/US98/17337) [87] 2000-02-10 (WO00/06609) [30] US (09/124,970) 1998-07-30</p>	<p style="text-align: right;">[21] 2,338,634 [13] A1</p> <p>[51] Int.Cl. 7G11C 7/00 7G06F 1/00 7G06F 12/14 [25] EN [54] A SEMICONDUCTOR MEMORY CARD, PLAYBACK APPARATUS, RECORDING APPARATUS, PLAYBACK METHOD, RECORDING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM [54] CARTE MEMOIRE A SEMI-CONDUCTEURS, APPAREILS DE REPRODUCTION SONORE ET D'ENREGISTREMENT, PROCEDES DE REPRODUCTION SONORE ET D'ENREGISTREMENT, ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR [72] MATSUSHIMA, HIDEKI, US [72] ISHIKAWA, TOMOKAZU, JP [72] HIROTA, TERUTO, JP [72] TAGAWA, KENJI, JP [72] KOZUKA, MASAYUKI, US [72] INOUE, SHINJI, JP [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP [85] 2001-01-25 [86] 2000-05-24 (PCT/JP00/03297) [87] 2000-12-07 (WO00/74059) [30] JP (11/149893) 1999-05-28 [30] JP (11/236724) 1999-08-24 [30] JP (11/372606) 1999-12-28</p>
<p style="text-align: right;">[21] 2,338,626 [13] A1</p> <p>[51] Int.Cl. 7H01P 1/06 [25] EN [54] ELECTRICAL SIGNAL COUPLING DEVICE [54] DISPOSITIF DE COUPLAGE A SIGNAUX ELECTRIQUES [72] VILE, DAVID DANIEL GEORGE, GB [72] BECKLEY, JOHN, GB [71] TRANSENSE TECHNOLOGIES PLC, GB [85] 2001-01-24 [86] 2000-05-25 (PCT/GB00/02009) [87] 2000-11-30 (WO00/72401) [30] GB (9912201.2) 1999-05-25</p>	<p style="text-align: right;">[21] 2,338,631 [13] A1</p> <p>[51] Int.Cl. 7C07D 233/61 [25] EN [54] METHOD FOR THE PRODUCTION OF N,N'-CARBONYL DIAZOLES [54] PROCEDE POUR LA PREPARATION DE N,N'-CARBONYLDIAZOLES [72] KLAUSENER, ALEXANDER, DE [72] SOLLNER, ROBERT, DE [72] SCHERER, JOHANNES, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2001-01-25 [86] 1999-07-16 (PCT/EP99/05072) [87] 2000-02-10 (WO00/06551) [30] DE (198 33 913.5) 1998-07-28</p>	<p style="text-align: right;">[21] 2,338,635 [13] A1</p> <p>[51] Int.Cl. 7G03C 9/08 7G03F 7/00 [25] EN [54] COLOUR CHANGING COMPOSITION AND COLOURING POLYMERIC ARTICLES MADE THEREFROM [54] COMPOSITION DE CHANGEMENT DE COULEUR ET ARTICLES POLYMERES COLORANTS FABRIQUES A PARTIR DE CETTE COMPOSITION [72] EDWARDS, MARTIN RUSSELL, GB [72] POPAT, AJAY HARIDAS, GB [72] SHIRLEY, DIANNE BETH, GB [72] SHIRLEY, IAN MALCOLM, GB [72] MCALOON, KEVIN THOMAS, GB [72] SCHER, HERBERT BENSON, US [71] VANTICO LIMITED, GB [85] 2001-01-23 [86] 1999-07-23 (PCT/GB99/02362) [87] 2000-02-10 (WO00/07071) [30] GB (9816181.3) 1998-07-25 [30] GB (9817513.6) 1998-08-13</p>
<p style="text-align: right;">[21] 2,338,628 [13] A1</p> <p>[51] Int.Cl. 6A61M 5/162 6A61M 39/10 6A61M 5/158 [25] EN [54] GUARDING NEEDLES IN IV PROCEDURES [54] PROTECTION DES AIGUILLES LORS D'INTRAVEINEUSES [72] MOBBS, WILLIAM LEONARD, AU [72] DILLON, JAGMOHANBIR SINGH, AU [71] NOBLE HOUSE GROUP PTY. LTD., AU [85] 2001-01-24 [86] 1999-07-23 (PCT/AU99/00598) [87] 2000-02-10 (WO00/06225) [30] AU (PP 4869) 1998-07-24 [30] AU (PP 5722) 1998-09-04 [30] AU (PP 6597) 1998-10-16</p>	<p style="text-align: right;">[21] 2,338,632 [13] A1</p> <p>[51] Int.Cl. 6A61C 15/00 [25] EN [54] TEETH CREVICE CLEANING APPARATUS AND METHOD OF USING THE SAME [54] APPAREIL DE NETTOYAGE D'ESPACES INTERDENTAIRES ET PROCEDE D'UTILISATION DE CELUI-CI [72] CHEN, SHUQI, US [72] CHEN, LINGJUN, US [71] CHEN & CHEN, LLC, US [85] 2001-01-24 [86] 1999-07-23 (PCT/US99/16256) [87] 2000-02-10 (WO00/06045) [30] US (60/094,316) 1998-07-27</p>	

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<p style="text-align: right;">[21] 2,338,637 [13] A1</p> <p>[51] Int.Cl. 6G01D 5/38 [25] EN [54] ANGLE ENCODER [54] CODEUR D'ANGLE [72] BAXTER, JOHN, AU [72] EISENHAUER, KARL YARNOS, AU [71] BISHOP INNOVATION LIMITED, AU [85] 2001-01-24 [86] 1999-07-21 (PCT/AU99/00590) [87] 2000-02-10 (WO00/06973) [30] AU (PP 4825) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,643 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/00 7A61K 49/00 7A01K 67/027 7C12N 5/10 7C12N 9/16 [25] EN [54] PROTEIN TYROSINE PHOSPHATASE-1B (PTP-1B) DEFICIENT MICE AND USES THEREOF [54] SOURIS DEFICIENTES EN PROTEINE TYROSINE PHOSPHATASE 1B (PTP-1B) ET LEURS UTILISATIONS [72] ELCHEBLY, MOUNIB, CA [72] PAYETTE, PAUL, CA [72] KENNEDY, BRIAN, CA [72] TREMBLAY, MICHEL L., CA [72] RAMACHANDRAN, CHIDAMBARAM, CA [72] GRESSER, MICHAEL, CA [71] MCGILL UNIVERSITY, CA [71] MERCK FROSST CANADA & CO., CA [85] 2001-01-24 [86] 1999-07-23 (PCT/CA99/00675) [87] 2000-02-10 (WO00/06712) [30] US (60/093,975) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,659 [13] A1</p> <p>[51] Int.Cl. 7B01D 29/11 [25] EN [54] CANDLE FILTER ELEMENTS AND METHOD FOR FIXING SAME IN A PRESSURE VESSEL [54] ELEMENTS DE FILTRE EN FORME DE BOUGIE ET LEUR FIXATION SUR UN RESERVOIR SOUS PRESSION [72] SCHUMACHER, IVO, CH [71] DRM, DR. MULLER AG, [85] 2001-01-24 [86] 1999-07-16 (PCT/CH99/00326) [87] 2000-02-10 (WO00/06281) [30] CH (1572/98) 1998-07-25</p>
<p style="text-align: right;">[21] 2,338,638 [13] A1</p> <p>[51] Int.Cl. 7A61P 35/00 7A61K 45/06 7A61K 38/14 7A61K 31/335 7A61K 31/475 7A61K 31/555 [25] EN [54] USE OF L-CARNITINE AND ITS ALKANOYL DERIVATIVES IN THE PREPARATION OF MEDICAMENTS WITH ANTICANCER ACTIVITY [54] UTILISATION DE L-CARNITINE ET DE SES DERIVES ALKANOYL DANS LA PREPARATION DE MEDICAMENTS A ACTION ANTICANCEREUSE [72] CAVAZZA, CLAUDIO, IT [72] PISANO, CLAUDIO, IT [72] VESCI, LOREDANA, IT [71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE SPA, IT [85] 2001-01-24 [86] 1999-07-27 (PCT/IT99/00242) [87] 2000-02-10 (WO00/06134) [30] IT (RM98A000511) 1998-07-30 [30] IT (RM99A000206) 1999-04-07</p>	<p style="text-align: right;">[21] 2,338,647 [13] A1</p> <p>[51] Int.Cl. 6G01C 3/08 6G01S 13/86 [25] EN [54] APPARATUS AND METHOD FOR DETERMINING PRECISION REFLECTIVITY OF HIGHWAY SIGNS AND OTHER REFLECTIVE OBJECTS UTILIZING AN OPTICAL RANGE FINDER INSTRUMENT [54] APPAREIL ET PROCEDE DE DETERMINATION DU POUVOIR REFLECTEUR DE PRECISION DE SIGNAUX ROUTIERS ET D'AUTRES OBJETS REFLECHISSANTS AU MOYEN D'UN INSTRUMENT DE TELEMETRIE OPTIQUE [72] DUNNE, JEREMY G., US [71] LASER TECHNOLOGY, INC., US [85] 2001-01-24 [86] 1999-07-26 (PCT/US99/16859) [87] 2000-02-10 (WO00/06970) [30] US (09/123,054) 1998-07-27</p>	<p style="text-align: right;">[21] 2,338,670 [13] A1</p> <p>[51] Int.Cl. 6B32B 15/08 6C09J 7/00 6B32B 31/12 [25] EN [54] RESIN/COPPER/METAL LAMINATE AND METHOD OF PRODUCING SAME [54] MATERIAU LAMELLE EN RESINE/CUIVRE/METAL ET PROCEDE DE PRODUCTION CORRESPONDANT [72] CHIANG, SHIUH-KAO, US [72] STEINER, R. RICHARD, US [71] GA-TEK INC. (dba GOULD ELECTRONICS INC.), US [85] 2001-01-23 [86] 1999-07-08 (PCT/US99/15394) [87] 2000-02-24 (WO00/09327) [30] US (09/132,638) 1998-08-11</p>
<p style="text-align: right;">[21] 2,338,640 [13] A1</p> <p>[51] Int.Cl. 6G08B 13/187 [25] EN [54] RFID SYSTEM FOR DETECTING LOW POWER RESONANT TAGS [54] SYSTEME D'IDENTIFICATION RADIOFREQUENCE SERVANT A DETECTER DES ETIQUETTES RESONANTES DE FAIBLE PUISSANCE [72] GALLAGHER, WILLIAM F., III, US [72] BARBER, RUSSELL E., US [72] ECKSTEIN, ERIC, US [71] CHECKPOINT SYSTEMS, INC., US [85] 2001-01-23 [86] 1999-07-13 (PCT/US99/15884) [87] 2000-02-03 (WO00/05692) [30] US (09/122,121) 1998-07-24 [30] US (09/122,310) 1998-07-24</p>		

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[21] **2,338,673**
[13] A1

[51] **Int.Cl. 7C12Q 1/70 7G01N 30/00 7G01N 33/92**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING VIRUSES USING PRIMARY AND SECONDARY BIOMARKERS**
[54] **PROCEDE ET APPAREIL METTANT EN OEUVRE DES BIOMARQUEURS PRIMAIRES ET SECONDAIRES POUR DETECTER DES VIRUS**
[72] MADONNA, ANGELO J., US
[72] VOORHEES, KENT J., US
[71] COLORADO SCHOOL OF MINES, US
[85] 2001-01-23
[86] 1999-07-29 (PCT/US99/17310)
[87] 2000-02-24 (WO00/09740)
[30] US (60/094,838) 1998-07-31
[30] US (09/130,207) 1998-08-04

[21] **2,338,680**
[13] A1

[51] **Int.Cl. 7A61K 9/12 7A61K 47/22**
[25] EN
[54] **MEDICINAL AEROSOL FORMULATIONS**
[54] **FORMULATIONS D'AEROSOL A USAGE MEDICAL**
[72] KRAUS, HOLGER, CH
[72] MULLER-WALZ, RUDI, DE
[72] HERZOG, KURT, CH
[72] KELLER, MANFRED, DE
[71] JAGO RESEARCH AG, CH
[85] 2001-01-25
[86] 1999-08-02 (PCT/CH99/00360)
[87] 2000-02-17 (WO00/07567)
[30] CH (1633/98) 1998-08-04

[21] **2,338,682**
[13] A1

[51] **Int.Cl. 7H04L 12/00**
[25] EN
[54] **NETWORK FAULT ISOLATION**
[54] **LOCALISATION DES PANNES DANS UN RESEAU**
[72] ROSEN, JOSEPH S., US
[72] KAFFINE, DAVID M., US
[72] SCHMIDT, PETER H., US
[71] TERADYNE, INC., US
[85] 2001-01-25
[86] 2000-04-17 (PCT/US00/10297)
[87] 2000-12-07 (WO00/74304)
[30] US (09/322,107) 1999-05-28

[21] **2,338,685**
[13] A1

[51] **Int.Cl. 7A01N 43/76 7C07C 309/04 7C07C 233/07 7C07C 309/28 7C07D 263/58**
[25] EN
[54] **HERBICIDAL PHENOXYPROPIONIC ACID N-ALKYL-N-2-FLUOROPHENYL AMIDE COMPOUNDS**
[54] **COMPOSES HERBICIDES A BASE D'AMIDE N-ALKYLE-N-2-FLUOROPHENYLIQUE D'ACIDE PHENOXYPROPIONIQUE**
[72] KIM, DAE WHANG, KR
[72] CHANG, HAE SUNG, KR
[72] RYU, JAE WOOK, KR
[72] KO, YOUNG KWAN, KR
[72] WOO, JAE CHUN, KR
[72] KOO, DONG WAN, KR
[72] KIM, JIN SEOG, KR
[71] DONGBU HANNONG CHEMICAL CO., LTD., KR
[85] 2001-01-25
[86] 1999-07-24 (PCT/KR99/00401)
[87] 2000-02-10 (WO00/05956)
[30] KR (1998/30015) 1998-07-25

[21] **2,338,687**
[13] A1

[51] **Int.Cl. 7H02H 3/00 7G01R 19/25**
[25] EN
[54] **METHOD AND APPARATUS FOR DERIVING POWER SYSTEM DATA FROM CONFIGURABLE SOURCE POINTS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DERIVER DES DONNEES RELATIVES A UN SYSTEME D'ALIMENTATION EN ENERGIE A PARTIR DE POINTS SOURCE CONFIGURABLES**
[72] KULIDJIAN, ARA, CA
[72] MAZEREEUW, JEFF, CA
[71] GENERAL ELECTRIC COMPANY, US
[85] 2001-01-25
[86] 2000-06-02 (PCT/US00/15104)
[87] 2000-12-14 (WO00/76047)
[30] US (09/324,664) 1999-06-03

[21] **2,338,696**
[13] A1

[51] **Int.Cl. 7H04L 1/18**
[25] EN
[54] **GROUP ADDRESSING IN A PACKET COMMUNICATION SYSTEM**
[54] **ADRESSAGE DE GROUPES DANS UN SYSTEME DE COMMUNICATIONS PAR PAQUETS**
[72] DE VERDIER, LISA, SE
[72] KHAN, FAROOQ, US
[72] LARSSON, JOHAN, SE
[72] TURINA, DALIBOR, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-01-26
[86] 1999-08-06 (PCT/SE99/01349)
[87] 2000-02-17 (WO00/08796)
[30] US (09/131,166) 1998-08-07

[21] **2,338,698**
[13] A1

[51] **Int.Cl. 7B01J 27/26 7C08G 65/10 7C08G 65/26**
[25] EN
[54] **BIMETALLIC-CYANIDE CATALYSTS USED FOR PREPARING POLYETHER POLYOLS**
[54] **CATALYSEURS DE CYANURE BIMETALLIQUE UTILISES POUR PREPARER DES POLYOLS DE POLYETHER**
[72] HOFMANN, JORG, DE
[72] GUPTA, PRAMOD, DE
[72] SCHAFFER, WALTER, DE
[72] OOMS, PIETER, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2001-01-26
[86] 1999-07-20 (PCT/EP99/05149)
[87] 2000-02-17 (WO00/07720)
[30] DE (198 34 572.0) 1998-07-31

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[21] **2,338,700**
[13] A1
[51] **Int.Cl. 7F02M 27/04 7F02M 27/06**
[25] EN
[54] **SUBMERSED DEVICE FOR REDUCING THE POLLUTING EMISSIONS AND SAVING ENERGY IN HYDROCARBON COMBUSTION VEHICLES**
[54] **DISPOSITIF IMMERGE DESTINE A REDUIRE LES EMISSIONS POLLUANTES ET A ECONOMISER L'ENERGIE DANS DES MOTEURS A COMBUSTION D'HYDROCARBURE**
[72] CHANG SOO KIM, BUDDY, CA
[71] EURO FUELSAVER SRL, IT
[85] 2001-01-26
[86] 1999-07-26 (PCT/IT99/00237)
[87] 2000-02-10 (WO00/06888)
[30] IT (RM98A000501) 1998-07-27

[21] **2,338,702**
[13] A1
[51] **Int.Cl. 6A61K 49/00**
[25] EN
[54] **DRUGS FOR THERAPEUTIC USE ENABLING NUCLEAR MAGNETIC RESONANCE DIAGNOSIS BY SCALAR BOND**
[54] **MEDICAMENTS A VOCATION THERAPEUTIQUE PERMETTANT UN DIAGNOSTIC EN RMN PAR LIAISON SCALAIRE**
[72] WASHINO, KOMEI, JP
[72] SHIMMURA, TOSHIYUKI, JP
[72] FUJIMOTO, CHIEKO, JP
[72] NAKATANI, AKIRA, JP
[72] TANAKA, AKIHIRO, JP
[72] SERI, SHIGEMI, JP
[72] IWAI, KUMIKO, JP
[71] NIHON MEDI-PHYSICS CO., LTD., JP
[85] 2001-01-26
[86] 1999-07-23 (PCT/JP99/03970)
[87] 2000-02-10 (WO00/06207)
[30] JP (10/213050) 1998-07-28

[21] **2,338,705**
[13] A1
[51] **Int.Cl. 7A61K 31/185 7A61K 31/435 7A61K 31/47**
[25] EN
[54] **METHODS AND COMPOSITIONS TO TREAT GLYCOSAMINOGLYCAN-ASSOCIATED MOLECULAR INTERACTIONS**
[54] **PROCEDES ET COMPOSITIONS DE TRAITEMENT DES INTERACTIONS MOLECULAIRES ASSOCIEES AUX GLYCOSAMINOGLYCANES**
[72] KISILEVSKY, ROBERT, CA
[72] GREEN, ALLAN M., US
[72] GERVAIS, FRANCINE, CA
[71] NEUROCHEM, INC., CA
[85] 2001-01-26
[86] 1999-07-28 (PCT/IB99/01473)
[87] 2000-02-10 (WO00/06133)
[30] US (60/094,454) 1998-07-28
[30] US (09/362,505) 1999-07-27

[21] **2,338,706**
[13] A1
[51] **Int.Cl. 6A61K 31/195 6A61K 9/22 6A61K 9/52**
[25] EN
[54] **SUSTAINED RELEASE NITRIC OXIDE PRODUCING AGENTS**
[54] **COMPOSITIONS A LIBERATION LENTE RENFERMANT UN AGENT QUI INFLEUE SUR LA PRODUCTION D'OXYDE NITRIQUE**
[72] KUHRTS, ERIC, US
[71] KUHRTS, ERIC, US
[85] 2001-01-26
[86] 1999-07-28 (PCT/US99/17092)
[87] 2000-02-10 (WO00/06151)
[30] US (09/123,849) 1998-07-28

[21] **2,338,707**
[13] A1
[51] **Int.Cl. 7A61K 9/10 7A61K 47/02**
[25] EN
[54] **ORAL LIQUID MUCOADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS MUCOADHESIVES ORALES LIQUIDES**
[72] DOBROZSI, DOUGLAS JOSEPH, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-01-26
[86] 1999-08-24 (PCT/US99/19203)
[87] 2000-03-02 (WO00/10530)
[30] US (60/097,577) 1998-08-24

[21] **2,338,708**
[13] A1
[51] **Int.Cl. 7A01N 25/10 7A01N 25/30**
[25] EN
[54] **POLYMER LATEXES PREPARED FROM ETHYLENICALLY UNSATURATED AMINE SALTS**
[54] **LATEX POLYMERES PREPARES A PARTIR DE SELS AMINES ETHYLENIQUEMENT INSATURES**
[72] SIDDIQUI, ADNAN, US
[72] SCHULTZ, ALFRED K., US
[72] BUTLER, BRETT, US
[71] STEPAN COMPANY, US
[85] 2001-01-26
[86] 1999-07-28 (PCT/US99/17029)
[87] 2000-02-10 (WO00/05950)
[30] US (60/094,423) 1998-07-28

[21] **2,338,709**
[13] A1
[51] **Int.Cl. 7C08F 2/28 7C09D 157/00**
[25] EN
[54] **IMPROVED COATINGS, SEALANTS, ADHESIVES AND ELASTOMERS UTILIZING POLYMER LATEXES DERIVED FROM UNSATURATED AMINO SALTS**
[54] **REVETEMENTS, AGENTS DE SCHELLEMENT, ADHESIFS ET ELASTOMERES AMELIORES UTILISANT DES LATEX POLYMERES DERIVES DES SELS AMINES INSATURES**
[72] SCHULTZ, ALFRED K., US
[72] KLEINFELD, ELAINE R., US
[72] SIDDIQUI, ADNAN, US
[71] STEPAN COMPANY, US
[85] 2001-01-26
[86] 1999-07-28 (PCT/US99/17025)
[87] 2000-02-10 (WO00/06611)
[30] US (09/124,167) 1998-07-28

[21] **2,338,714**
[13] A1
[51] **Int.Cl. 7H04L 25/03 7H03M 13/00**
[25] EN
[54] **LOW COMPLEXITY DECISION FEEDBACK SEQUENCE ESTIMATION**
[54] **ESTIMATION SEQUENTIELLE A DECISION RETROACTIVE DE COMPLEXITE REDUITE**
[72] JAVERBRING, STEFAN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-01-26
[86] 1999-08-17 (PCT/SE99/01388)
[87] 2000-02-24 (WO00/10299)
[30] US (09/134,906) 1998-08-17

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[21] **2,338,715**
[13] A1

[51] **Int.Cl. 7A61L 24/06 7A61F 13/00 7C09J 133/00 7C09J 201/02 7A61B 5/0408 7A61L 15/58**
[25] EN
[54] **BIOADHESIVE COMPOSITIONS COMPRISING HYDROPHOBIC POLYMERS**
[54] **COMPOSITIONS BIOADHESIVES CONTENANT DES POLYMERES HYDROPHOBES**
[72] YASIN, MOHAMMED, GB
[72] MUNRO, HUGH SEMPLE, GB
[71] FIRST WATER LIMITED, GB
[85] 2001-01-26
[86] 1999-07-30 (PCT/GB99/02516)
[87] 2000-02-10 (WO00/06215)
[30] GB (9816826.3) 1998-07-31
[30] GB (9906700.1) 1999-03-24
[30] GB (9909348.6) 1999-04-23

[21] **2,338,716**
[13] A1

[51] **Int.Cl. 7C22B 34/12 7C01G 23/047**
[25] EN
[54] **BENEFICIATION OF TITANIA SLAG BY OXIDATION AND REDUCTION TREATMENT**
[54] **ENRICHISSEMENT DE SCORIES DE DIOXYDE DE TITANE PAR OXYDATION ET PAR TRAITEMENT DE REDUCTION**
[72] DE LANGE, THOMAS, ZA
[72] VISSER, CORNELIA PETRONELLA, ZA
[72] WINTER, JOHN DAVID, AU
[72] VEGTER, NANNE MATTHEUS, ZA
[72] VAN DYK, JACOBUS PHILIPPUS, ZA
[72] WALPONE, ERNEST ALAN, AU
[72] NELL, JOHANNES, ZA
[71] IPCOR N.V., AN
[85] 2001-01-26
[86] 1999-07-27 (PCT/IB99/01326)
[87] 2000-02-10 (WO00/06786)
[30] ZA (98/6758) 1998-07-29

[21] **2,338,717**
[13] A1

[51] **Int.Cl. 6H01M 10/40**
[25] EN
[54] **ORGANIC ELECTROLYTIC CELL ELECTROLYTIQUE**
[72] HATO, YUKINORI, JP
[72] ANDO, NOBUO, JP
[72] YAMAGUCHI, MASAKI, JP
[71] KANEBO LIMITED, JP
[85] 2001-01-26
[86] 1998-07-27 (PCT/JP98/03366)
[87] 2000-02-10 (WO00/07255)

[21] **2,338,718**
[13] A1

[51] **Int.Cl. 7A23B 7/157 7A01N 59/00 7A61L 2/18 7A23B 9/30**
[25] EN
[54] **ENVIRONMENTALLY COMPATIBLE PROCESSES COMPOSITIONS AND MATERIALS TREATED THEREBY**
[54] **PROCEDES ET COMPOSITIONS COMPATIBLES AVEC L'ENVIRONNEMENT ET MATERIAUX TRAITES AU MOYEN DE CES DERNIERS**
[72] BEN YEHUDA, NIMROD, IL
[72] MARGALIT, ELIAHU, IL
[71] TEFF, JENNIFER, IL
[71] MAKHTESHIM CHEMICAL WORKS LTD., IL
[85] 2001-01-26
[86] 1999-07-22 (PCT/IL99/00403)
[87] 2000-02-10 (WO00/05969)
[30] IL (125520) 1998-07-27

[21] **2,338,719**
[13] A1

[51] **Int.Cl. 6B62D 33/04**
[25] EN
[54] **LOGISTICS AT COMPOSITE PANEL VERTICAL JOINTS**
[54] **LOGISTIQUE POUR JOINTS VERTICAUX DE PANNEAUX COMPOSITES**
[72] EHRLICH, RODNEY P., US
[71] WABASH NATIONAL CORPORATION, US
[85] 2001-01-26
[86] 1999-07-15 (PCT/US99/16043)
[87] 2000-02-10 (WO00/06443)
[30] US (09/122,817) 1998-07-27

[21] **2,338,730**
[13] A1

[51] **Int.Cl. 6E21B 43/12**
[25] EN
[54] **METHOD AND APPARATUS FOR CONVEYING FLUIDS, PARTICULARLY USEFUL WITH RESPECT TO OIL WELLS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ASSURER L'ACHEMINEMENT DE FLUIDES, PRESENTANT UN INTERET PARTICULIER POUR LES PUITTS DE PETROLE**
[72] DVEYRIN, DMITRY, IL
[71] GAS & OIL ASSOCIATES LIMITED, IL
[85] 2001-01-22
[86] 1999-07-19 (PCT/IL99/00397)
[87] 2000-02-03 (WO00/05485)
[30] US (60/093,586) 1998-07-21
[30] US (60/100,115) 1998-09-14
[30] US (60/125,936) 1999-03-23

[21] **2,338,732**
[13] A1

[51] **Int.Cl. 6A01J 5/017**
[25] EN
[54] **AN APPARATUS FOR AUTOMATICALLY MILKING AN ANIMAL**
[54] **APPAREIL DE TRAITE AUTOMATIQUE D'UN ANIMAL**
[72] BJORK, ANDERS, SE
[72] BIRK, UZI, SE
[72] NILSSON, THOMAS, SE
[72] ROGERSSON, MARTIN, SE
[71] DELAVAL HOLDING AB, SE
[85] 2001-01-22
[86] 1999-07-23 (PCT/SE99/01304)
[87] 2000-02-03 (WO00/04766)
[30] SE (9802611-5) 1998-07-24

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,338,733 [13] A1</p> <p>[51] Int.Cl. 7F15B 11/08 7G05G 11/00 [25] EN [54] HAND/FOOT SELECTOR FOR ELECTRONIC CONTROLS ON A SKID STEER LOADER [54] SELECTIONNEUR MAIN/PIED POUR COMMANDES ELECTRONIQUES SUR UN CHARGEUR A DIRECTION A GLISSEMENT [72] BRANDT, KENNETH A., US [72] SAGASER, THOMAS M., US [72] BROCK, KNUTE K., US [72] JACOBSON, SCOTT B., US [71] CLARK EQUIPMENT COMPANY, US [85] 2001-01-22 [86] 2000-05-24 (PCT/US00/14318) [87] 2000-12-07 (WO00/73666) [30] US (60/136,933) 1999-06-01 [30] US (09/324,409) 1999-06-02</p>	<p style="text-align: right;">[21] 2,338,736 [13] A1</p> <p>[51] Int.Cl. 7A23K 1/18 [25] EN [54] METHOD AND COMPOSITION FOR ENHANCING MILK PRODUCTION [54] PROCEDE ET COMPOSITION DESTINES A AUGMENTER LA PRODUCTION DE LAIT [72] LUHMAN, CINDIE M., US [71] LAND O'LAKES, INC., US [85] 2001-01-22 [86] 2000-02-03 (PCT/US00/02828) [87] 2000-12-28 (WO00/78160) [30] US (09/338,314) 1999-06-22</p>	<p style="text-align: right;">[21] 2,338,739 [13] A1</p> <p>[51] Int.Cl. 7F15B 11/028 7E02F 9/12 [25] EN [54] HYDRAULIC CIRCUIT [54] CIRCUIT HYDRAULIQUE [72] ADLON, ERICH, DE [72] WEICKERT, THOMAS, DE [71] MANNESMANN REXROTH AG, DE [85] 2001-01-22 [86] 1999-07-09 (PCT/DE99/02131) [87] 2000-02-10 (WO00/06915) [30] DE (198 33 489.3) 1998-07-24</p>
<p style="text-align: right;">[21] 2,338,734 [13] A1</p> <p>[51] Int.Cl. 6A01J 5/04 6A01J 5/017 [25] EN [54] AN APPARATUS FOR MILKING AN ANIMAL [54] APPAREIL DE TRAITE D'UN ANIMAL [72] SCHUSTER, ANDERS, SE [71] DELAVAL HOLDING AB, SE [85] 2001-01-22 [86] 1999-07-23 (PCT/SE99/01306) [87] 2000-02-03 (WO00/04768) [30] SE (9802614-9) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,737 [13] A1</p> <p>[51] Int.Cl. 6G21F 5/02 6A61M 31/00 [25] EN [54] DISPOSABLE CONTAINER FOR IRRADIATION PELLETS [54] CONTENANT JETABLE POUR PASTILLES D'IRRADIATION [72] ELDER, ERIC S., US [72] TING, JOSEPH Y., US [71] EMORY UNIVERSITY, US [85] 2001-01-22 [86] 1999-07-02 (PCT/US99/15034) [87] 2000-02-03 (WO00/05726) [30] US (60/093,354) 1998-07-20</p>	<p style="text-align: right;">[21] 2,338,740 [13] A1</p> <p>[51] Int.Cl. 7A01N 43/42 7A01N 43/40 [25] EN [54] TREATMENT OF ANXIETY DISORDERS [54] TRAITEMENT DES TROUBLES ANXIEUX [72] SAJDYK, TAMMY JOY, US [72] PHEBUS, LEE ALAN, US [71] ELI LILLY AND COMPANY, US [85] 2001-01-23 [86] 1999-07-08 (PCT/US99/15475) [87] 2000-02-10 (WO00/06082) [30] US (60/094,310) 1998-07-27</p>
<p style="text-align: right;">[21] 2,338,735 [13] A1</p> <p>[51] Int.Cl. 6A61B 8/00 6G01V 3/12 [25] EN [54] SYNTHETIC STRUCTURAL IMAGING AND VOLUME ESTIMATION OF BIOLOGICAL TISSUE ORGANS [54] IMAGERIE STRUCTURALE SYNTHETIQUE ET ESTIMATION DE VOLUME D'ORGANES TISSULAIRES BIOLOGIQUES [72] WINDER, ALAN A., US [71] ACOUSTIC SCIENCES ASSOCIATES, US [85] 2001-01-22 [86] 1999-07-21 (PCT/US99/16472) [87] 2000-02-03 (WO00/04831) [30] US (60/093,518) 1998-07-21</p>	<p style="text-align: right;">[21] 2,338,738 [13] A1</p> <p>[51] Int.Cl. 6E04H 6/06 [25] EN [54] TWO-LEVEL PARKING SYSTEM [54] SYSTEME DE PARKING A DEUX NIVEAUX [72] AMGAR, AVRAHAM, IL [71] D.G.A. PRODUCTS DEVELOPMENT LTD., IL [85] 2001-01-22 [86] 1999-07-21 (PCT/IL99/00402) [87] 2000-02-03 (WO00/05465) [30] IL (125470) 1998-07-23 [30] IL (127185) 1998-11-22 [30] IL (128179) 1999-01-21</p>	<p style="text-align: right;">[21] 2,338,741 [13] A1</p> <p>[51] Int.Cl. 6C07D 231/56 6A61K 31/415 [25] EN [54] IL-8 RECEPTOR ANTAGONISTS [54] ANTAGONISTES DE RECEPTEUR D'IL-8 [72] RUTLEDGE, MELVIN CLARENCE JR., US [72] WIDDOWSON, KATHERINE L., US [72] NIE, HONG, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2001-01-23 [86] 1998-07-23 (PCT/US98/15533) [87] 2000-02-03 (WO00/05216)</p>

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,338,742 [13] A1</p> <p>[51] Int.Cl. 6H01H 9/50 [25] EN [54] ARC FAULT DETECTION SYSTEM [54] SYSTEME DE DETECTION DE DEFAUTS D'ARC [72] HAUN, ANDY A., US [72] COATS, ALAN G., US [72] DVORAK, ROBERT F., US [72] SCOTT, GARY W., US [72] WONG, KON B., US [71] SQUARE D COMPANY, US [85] 2001-01-23 [86] 1999-07-19 (PCT/US99/16302) [87] 2000-02-17 (WO00/08663) [30] US (09/129,685) 1998-08-05</p>	<p style="text-align: right;">[21] 2,338,745 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/385 6C07D 239/00 6C07D 241/04 6C07D 265/04 6C07D 401/ 04 6C07D 403/04 6C07D 413/04 6C07D 211/08 6C07D 265/30 6A61K 31/40 6A61K 31/445 6C07D 207/46 6A61K 31/495 6A61K 31/505 6A61K 31/535 6A61K 31/54 [25] EN [54] HETEROCYCLYL SULPHONAMIDE DERIVATIVES [54] DERIVES DE SULFAMIDE HETEROCYCLYLES [72] CANTRELL, BUDDY EUGENE, US [72] ZIMMERMAN, DENNIS MICHAEL, US [72] SIMON, RICHARD LEE, US [72] ORNSTEIN, PAUL LESLIE, US [72] ZARRINMAYEH, HAMIDEH, US [71] ELI LILLY AND COMPANY, US [85] 2001-01-23 [86] 1999-07-28 (PCT/US99/17142) [87] 2000-02-10 (WO00/06158) [30] US (60/094,978) 1998-07-31</p>	<p style="text-align: right;">[21] 2,338,748 [13] A1</p> <p>[51] Int.Cl. 6H04R 1/10 6H04R 5/033 6A61B 7/04 [25] EN [54] HEAD PHONE [54] CASQUE ECOUTEUR [72] ORTEN, BIRGER, NO [71] MEDITRON AS, NO [85] 2001-01-23 [86] 1999-07-15 (PCT/NO99/00237) [87] 2000-02-17 (WO00/08893) [30] NO (19983424) 1998-07-24</p>
<p style="text-align: right;">[21] 2,338,743 [13] A1</p> <p>[51] Int.Cl. 7C21D 8/02 7C21D 1/02 [25] EN [54] METHOD AND INSTALLATION FOR PRODUCING DUAL-PHASE STEEL [54] PROCEDE ET INSTALLATION POUR PRODUIRE DES ACIERS A DEUX PHASES [72] SPROCK, AUGUST, DE [71] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE [85] 2001-01-23 [86] 1999-07-17 (PCT/EP99/05113) [87] 2000-02-03 (WO00/05422) [30] DE (198 33 321.8) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,746 [13] A1</p> <p>[51] Int.Cl. 7F04D 25/08 [25] EN [54] A SWITCHABLE INFLATION DEVICE [54] DISPOSITIF DE GONFLAGE A COMMANDE MANUELLE [72] CHAFFEE, ROBERT B., US [71] CHAFFEE, ROBERT B., US [85] 2001-01-23 [86] 1999-08-13 (PCT/US99/18436) [87] 2000-02-24 (WO00/09890) [30] US (60/096,393) 1998-08-13</p>	<p style="text-align: right;">[21] 2,338,749 [13] A1</p> <p>[51] Int.Cl. 6G01N 7/00 [25] EN [54] APPARATUS FOR DETERMINING ODER LEVELS IN GAS STREAMS [54] APPAREIL PERMETTANT DE DETERMINER DES NIVEAUX D'ODEUR DANS DES FLUX GAZEUX [72] SKUBIS, CHRISTOPHER LEE, US [72] SELMAN, GLENN SCOTT, US [72] MARSHALL, STEPHEN EDWARD, US [71] Y-Z INDUSTRIES SALES, INC., US [85] 2001-01-23 [86] 1999-07-21 (PCT/US99/16634) [87] 2000-02-03 (WO00/05563) [30] US (09/121,512) 1998-07-23 [30] US (09/244,560) 1999-02-03</p>
<p style="text-align: right;">[21] 2,338,744 [13] A1</p> <p>[51] Int.Cl. 7G01L 1/22 7G01L 9/00 7G01L 1/18 [25] EN [54] FLEXIBLE SILICON STRAIN GAGE [54] JAUGE DYNAMOMETRIQUE EN SILICIUM SOUPLE [72] BOGGS, BRADLEY J., US [72] JUST, MARCUS S., US [72] BANG, CHRISTOPHER A., US [72] STARK, KEVIN C., US [71] ROSEMOUNT AEROSPACE INC., US [85] 2001-01-23 [86] 1999-07-27 (PCT/US99/16900) [87] 2000-02-10 (WO00/06983) [30] US (60/094,358) 1998-07-28 [30] US (60/105,250) 1998-10-22 [30] US (09/245,272) 1999-02-05</p>	<p style="text-align: right;">[21] 2,338,747 [13] A1</p> <p>[51] Int.Cl. 7A01G 31/00 [25] EN [54] MINERAL WOOL PLANT SUBSTRATE [54] SUBSTRAT EN LAINE MINERALE DESTINE A DES PLANTES [72] BOUWENS, PAUL JACQUES LOUIS HUBERT, NL [72] BLAAKMEER, ANTON, NL [71] ROCKWOOL INTERNATIONAL A/S, DK [85] 2001-01-23 [86] 1999-08-06 (PCT/EP99/05759) [87] 2000-02-24 (WO00/08919) [30] EP (98202723.7) 1998-08-14</p>	<p style="text-align: right;">[21] 2,338,750 [13] A1</p> <p>[51] Int.Cl. 7C08L 33/08 7C08L 33/10 7A61K 9/28 7A61K 47/32 7A61K 9/70 [25] EN [54] COATING AND EXCIPIENT AGENT FOR ORAL OR DERMAL DOSAGE FORMS [54] AGENT SERVANT D'ENROBANT ET D'EXCIPIENT POUR FORMES MEDICAMENTEUSES ORALES OU CUTANEEES [72] PETEREIT, HANS-ULRICH, DE [72] ROTH, ERNA, DE [72] MEIER, CHRISTIAN, DE [71] ROHM GMBH, DE [85] 2001-01-23 [86] 1999-07-02 (PCT/EP99/04620) [87] 2000-02-03 (WO00/05307) [30] DE (198 33 016.2) 1998-07-23 [30] DE (199 18 435.6) 1999-04-23</p>

PCT Applications Entering the National Phase

[21] **2,338,751**
[13] A1
[51] **Int.Cl. 7C12N 5/06 7C12M 3/06 7A61K 35/12 7C12Q 1/68**
[25] EN
[54] **CANCER CELLS FROM BODY FLUIDS CONTAINING CELLS, ISOLATION THEREOF AND AGENTS CONTAINING THE SAME**
[54] **CELLULES CANCEREUSES PROVENANT DE LIQUIDES DU CORPS CONTENANT DES CELLULES, LEUR ISOLATION, LEUR UTILISATION ET LES PRODUITS LES CONTENANT**
[72] AUSTRUP, FRANK, DE
[72] GIESING, MICHAEL, DE
[71] GIESING, MICHAEL, DE
[85] 2001-01-23
[86] 1999-07-27 (PCT/EP99/05386)
[87] 2000-02-10 (WO00/06702)
[30] DE (198 33 738.8) 1998-07-27

[21] **2,338,752**
[13] A1
[51] **Int.Cl. 7C12P 41/00 7C07C 51/00**
[25] EN
[54] **PROCESS FOR PREPARING OPTICALLY PURE (S)-3,4-DIHYDROXYBUTYRIC ACID DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES D'ACIDE (S)-3,4-DIHYDROXYBUTYRIQUE OPTIQUEMENT PURES**
[72] CHO, YIK-HAENG, KR
[72] CHUN, JONG PIL, KR
[72] YU, HO SUNG, KR
[72] PARK, YOUNG MI, KR
[72] HWANG, DAE IL, KR
[72] ROH, KYOUNG ROK, KR
[71] SAMSUNG FINE CHEMICALS CO., LTD., KR
[85] 2001-01-23
[86] 1999-07-23 (PCT/KR99/00396)
[87] 2000-02-03 (WO00/05400)
[30] KR (1998/29912) 1998-07-24

[21] **2,338,753**
[13] A1
[51] **Int.Cl. 7A61K 9/12 7C09K 3/30**
[25] EN
[54] **MEDICINAL AEROSOL FORMULATIONS**
[54] **FORMULATIONS POUR AEROSOLS A USAGE MEDICAL**
[72] MULLER-WALZ, RUDI, DE
[72] KRAUS, HOLGER, CH
[72] KELLER, MANFRED, DE
[72] HERZOG, KURT, CH
[71] JAGO RESEARCH AG, CH
[85] 2001-01-23
[86] 1999-07-22 (PCT/CH99/00337)
[87] 2000-02-10 (WO00/06121)
[30] CH (1565/98) 1998-07-24

[21] **2,338,754**
[13] A1
[51] **Int.Cl. 7A61K 7/48**
[25] EN
[54] **COSMETIC COMPOSITION**
[54] **COMPOSITION COSMETIQUE**
[72] METHMANUS-SPALTRO, SUREE, TH
[71] UNILEVER PLC, GB
[85] 2001-01-23
[86] 1999-07-14 (PCT/EP99/05028)
[87] 2000-02-24 (WO00/09082)
[30] GB (9817817.1) 1998-08-14

[21] **2,338,755**
[13] A1
[51] **Int.Cl. 7C12P 19/14**
[25] EN
[54] **PROCESS FOR PREPARING ALPHA-(1,4) LINKED OLIGOSACCHARIDE**
[54] **PROCEDE DE PREPARATION D'UN OLIGOSACCHARIDE A LIAISONS ALPHA-(1,4)**
[72] PARK, YOUNG MI, KR
[72] CHUN, JONG PIL, KR
[72] ROH, KYOUNG ROK, KR
[72] YU, HO SUNG, KR
[72] HWANG, DAE IL, KR
[72] CHO, YIK-HAENG, KR
[71] SAMSUNG FINE CHEMICALS CO., LTD., KR
[85] 2001-01-23
[86] 1999-07-23 (PCT/KR99/00397)
[87] 2000-02-03 (WO00/05398)
[30] KR (1998/29912) 1998-07-24

[21] **2,338,756**
[13] A1
[51] **Int.Cl. 7C12P 41/00 7C07C 51/00**
[25] EN
[54] **CONTINUOUS PROCESS FOR PREPARING OPTICALLY PURE (S)-3-HYDROXY-GAMA-BUTYROLACTONE**
[54] **PROCEDE EN CONTINU DE PREPARATION DE (S)-3-HYDROXY-GAMMA-BUTYROLACTONE OPTIQUEMENT PURE**
[72] CHO, YIK-HAENG, KR
[72] PARK, YOUNG MI, KR
[72] ROH, KYOUNG ROK, KR
[72] CHUN, JONG PIL, KR
[72] YU, HO SUNG, KR
[72] HWANG, DAE IL, KR
[71] SAMSUNG FINE CHEMICALS CO., LTD., KR
[85] 2001-01-23
[86] 1999-07-23 (PCT/KR99/00398)
[87] 2000-02-03 (WO00/05401)
[30] KR (1998/29912) 1998-07-24

[21] **2,338,757**
[13] A1
[51] **Int.Cl. 7C12P 41/00 7C07C 51/00**
[25] EN
[54] **CONTINUOUS PROCESS FOR PREPARING OPTICALLY PURE (S)-3,4-DIHYDROXYBUTYRIC ACID DERIVATIVES**
[54] **PROCEDE DE PREPARATION EN CONTINU DE DERIVES OPTIQUEMENT PURS DE L'ACIDE (S)-3,4-DIHYDROXYBUTYRIQUE**
[72] CHO, YIK-HAENG, KR
[72] ROH, KYOUNG ROK, KR
[72] CHUN, JONG PIL, KR
[72] YU, HO SUNG, KR
[72] PARK, YOUNG MI, KR
[72] HWANG, DAE IL, KR
[71] SAMSUNG FINE CHEMICALS CO., LTD., KR
[85] 2001-01-23
[86] 1999-07-23 (PCT/KR99/00399)
[87] 2000-02-03 (WO00/05402)
[30] KR (1998/29912) 1998-07-24

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,338,758 [13] A1</p> <p>[51] Int.Cl. 6C07D 301/28 [25] EN [54] PROCESS FOR MANUFACTURING AN OPTICALLY ACTIVE (S)-3,4-EPOXYBUTYRIC ACID SALT [54] PROCEDE DE FABRICATION D'UN SEL D'ACIDE (S)-3,4-EXOBTYRIQUE PRESENTANT UNE ACTIVITE OPTIQUE [72] CHO, YIK HAENG, KR [72] BAE, JAE YOUNG, KR [72] YU, HO SUNG, KR [72] PARK, YOUNG MI, KR [72] BYUN, IL SUK, KR [71] SAMSUNG FINE CHEMICALS CO., LTD., KR [85] 2001-01-23 [86] 1998-12-08 (PCT/KR98/00410) [87] 2000-02-03 (WO00/05227) [30] KR (1998/29911) 1998-07-24</p>	<p style="text-align: right;">[21] 2,338,762 [13] A1</p> <p>[51] Int.Cl. 7C11D 7/10 7C11D 3/02 [25] EN [54] FABRIC CARE COMPOSITIONS [54] COMPOSITIONS D'ENTRETIEN DE TISSUS [72] VERMOTE, CHRISTIAN LEO MARIE, BE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-01-25 [86] 1999-08-03 (PCT/US99/17558) [87] 2000-02-17 (WO00/08128) [30] EP (98870174.4) 1998-08-03</p>	<p style="text-align: right;">[21] 2,338,765 [13] A1</p> <p>[51] Int.Cl. 7C09J 123/08 [25] EN [54] IMPROVED ADHESIVE COMPOSITION FOR A STRAINABLE COMPOSITE LAMINATED STRUCTURE [54] COMPOSITION ADHESIVE AMELIOREE POUR STRUCTURE LAMINEE COMPOSITE ETIRABLE [72] CIAMMAICHELLA, FABIO, IT [72] CORZANI, ITALO, IT [72] ROMANO, MARIO, IT [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-01-25 [86] 1999-08-11 (PCT/US99/18189) [87] 2000-02-24 (WO00/09624) [30] EP (98115153.3) 1998-08-12</p>
<p style="text-align: right;">[21] 2,338,759 [13] A1</p> <p>[51] Int.Cl. 6A61C 11/00 [25] EN [54] DISPOSABLE ARTICULATOR HAVING TRAY SUPPORT WITH OPENING WHICH ACCEPTS A PROJECTION FROM A TRAY [54] ARTICULATEUR JETABLE DOTE D'UN SUPPORT DE PLATEAU A OUVERTURE ET RECEVANT UNE PARTIE SAILLANTE D'UN PLATEAU [72] WALTER, JOSE E., US [71] WALTER, JOSE E., US [85] 2001-01-23 [86] 1999-07-22 (PCT/US99/16508) [87] 2000-02-03 (WO00/04843) [30] US (60/093,868) 1998-07-23 [30] US (60/096,532) 1998-08-13</p>	<p style="text-align: right;">[21] 2,338,763 [13] A1</p> <p>[51] Int.Cl. 7B65D 35/38 [25] EN [54] BITE VALVE FOR PERSONAL HYDRATION DEVICES [54] CLAPET A MORDRE POUR DISPOSITIF D'HYDRATATION PERSONNEL [72] LEA, JAMES M., US [72] GETZEWICH, LEE A., US [71] CASCADE DESIGNS, INC., US [85] 2001-01-25 [86] 2000-06-08 (PCT/US00/15980) [87] 2000-12-14 (WO00/75030) [30] US (60/138,177) 1999-06-08</p>	<p style="text-align: right;">[21] 2,338,766 [13] A1</p> <p>[51] Int.Cl. 6A61K 35/14 6A61K 38/00 6C07K 17/00 6C12P 21/06 [25] EN [54] CRYOGRANULATION OF ACTIVATED PROTEIN C [54] CRYOGRANULATION DE LA PROTEINE C ACTIVEE [72] JONES, NANCY DELORES, US [72] BAKER, JEFFREY CLAYTON, US [71] ELI LILLY AND COMPANY, US [85] 2001-01-25 [86] 1999-07-26 (PCT/US99/16937) [87] 2000-02-10 (WO00/06179) [30] US (60/094,969) 1998-07-31</p>
<p style="text-align: right;">[21] 2,338,760 [13] A1</p> <p>[51] Int.Cl. 6E21B 44/00 [25] EN [54] ARRANGEMENT FOR CONTROLLING ROCK DRILLING [54] DISPOSITIF DE COMMANDE POUR LE FORAGE DE ROCHE [72] MUUTTONEN, TIMO, FI [72] NIEMI, JAAKKO, FI [72] RAMO, REIJO, FI [72] POYSTI, TAPANI, FI [71] SANDVIK TAMROCK OY, FI [85] 2001-01-25 [86] 1999-08-05 (PCT/FI99/00653) [87] 2000-02-17 (WO00/08303) [30] FI (981707) 1998-08-06</p>	<p style="text-align: right;">[21] 2,338,764 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/165 [25] EN [54] SUBSTITUTED ANILIDE COMPOUNDS AND METHODS [54] COMPOSES D'ANILIDE SUBSTITUES ET METHODES ASSOCIEES [72] NEEB, MICHAEL J., US [72] BONDINELL, WILLIAM E., US [72] KU, THOMAS W., US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2001-01-25 [86] 1999-07-28 (PCT/US99/17121) [87] 2000-02-10 (WO00/06146) [30] US (60/094,406) 1998-07-28 [30] US (60/134,157) 1999-05-14</p>	

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[21] **2,338,767**
[13] A1

[51] **Int.Cl. 7C08F 4/642 7C08F 10/00 7H01B 3/44 7C08F 4/649**
[25] EN
[54] **UNBRIDGED MONOCYCLOPENTADIENYL METAL COMPLEX CATALYST HAVING IMPROVED TOLERANCE OF MODIFIED METHYLALUMINOXANE**
[54] **CATALYSEUR MONOCYCLOPENTADIENYLE NON PONTE RENFERMANT UN COMPLEXE METALLIQUE ET PRESENTANT UNE TOLERANCE AMELIOREE DE METHYLALUMINOXANE MODIFIE**
[72] WASSERMAN, ERIC PAUL, US
[72] FOX, ELIZABETH CLAIR, US
[72] BAI, XINLAI, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[85] 2001-01-25
[86] 1999-07-28 (PCT/US99/17119)
[87] 2000-02-10 (WO00/06614)
[30] US (09/124,675) 1998-07-29

[21] **2,338,768**
[13] A1

[51] **Int.Cl. 6B42D 15/00**
[25] EN
[54] **COLOR SELECTION AND IDENTIFICATION FOR ARCHITECTURAL COATINGS**
[54] **IDENTIFICATION ET SELECTION DE COULEURS POUR ENDUITS POUR BATIMENTS**
[72] SPANGLER, MICHAEL C., US
[71] CREANOVA INC., US
[85] 2001-01-25
[86] 1999-05-03 (PCT/US99/10042)
[87] 1999-11-11 (WO99/56968)
[30] US (09/073,882) 1998-05-06

[21] **2,338,769**
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04B 7/26**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING PERSONAL BASE STATION COMMUNICATIONS**
[54] **PROCEDE ET SYSTEME PERMETTANT D'ASSURER LES COMMUNICATIONS PERSONNELLES A L'EHELLE DES STATIONS DE BASE**
[72] KRISHNAMURTHI, RAJEEV, US
[72] ODENWALDER, JOSEPH P., US
[72] WHEATLEY, CHARLES E. III, US
[72] TIEDEMANN, EDWARD G. JR., US
[71] QUALCOMM INCORPORATED, US
[85] 2001-01-25
[86] 1999-07-27 (PCT/US99/17080)
[87] 2000-02-10 (WO00/07400)
[30] US (09/123,495) 1998-07-28

[21] **2,338,770**
[13] A1

[51] **Int.Cl. 6G02C 1/04**
[25] EN
[54] **MODULAR READER ASSEMBLY**
[54] **ENSEMBLE LUNETTES DE LECTURE MODULAIRE**
[72] MACINTOSH, CHARLES M. JR., US
[71] THE HILSINGER COMPANY LP, US
[85] 2001-01-25
[86] 1999-08-12 (PCT/US99/18398)
[87] 2000-02-24 (WO00/10051)
[30] US (09/133,778) 1998-08-12

[21] **2,338,771**
[13] A1

[51] **Int.Cl. 7B65G 39/02 7B60B 33/00 7B60P 1/52**
[25] EN
[54] **MATERIAL HANDLING UNIT WITH MULTIDIRECTIONAL HELICAL ROLLER ASSEMBLIES**
[54] **UNITE DE MANIPULATION DE MARCHANDISES DOTEE D'ENSEMBLES ROULEAU OVALE MULTIDIRECTIONNEL**
[72] MCKINNON, LAURA L., US
[72] GOU, JUAN F., US
[72] TIMMER, MICHAEL L., US
[71] FMC CORPORATION, US
[85] 2001-01-25
[86] 1999-04-08 (PCT/US99/07687)
[87] 2000-02-10 (WO00/06474)
[30] US (09/126,488) 1998-07-30

[21] **2,338,773**
[13] A1

[51] **Int.Cl. 6A61K 35/00 6C12N 5/02 6C12N 5/06 6A61K 35/12 6A61K 35/14 6A61K 35/26 6A61K 35/28 6A61K 39/395**
[25] EN
[54] **EX VIVO TREATMENT OF ALLOGENEIC AND XENOGENEIC T-CELLS WITH GP39 ANTAGONISTS**
[54] **TRAITEMENT EX VIVO DE LYMPHOCYTES T ALLOGENIQUES ET XENOGENIQUES A L'AIDE D'ANTAGONISTES DE GP39**
[72] VALLERA, DANIEL A., US
[72] TAYLOR, PATRICIA A., US
[72] BLAZAR, BRUCE R., US
[72] NOELLE, RANDOLPH J., US
[71] TRUSTEES OF DARTMOUTH COLLEGE, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2001-01-25
[86] 1999-07-29 (PCT/US99/16686)
[87] 2000-02-10 (WO00/06178)
[30] US (09/124,683) 1998-07-30

[21] **2,338,774**
[13] A1

[51] **Int.Cl. 6B65G 17/36**
[25] EN
[54] **DEVICE AND CONVEYOR BELT FOR MAKING PELLETS**
[54] **DISPOSITIF ET BANDE TRANSPORTEUSE PERMETTANT DE PRODUIRE DES GRANULES**
[72] JAGAEUS, ULF, SE
[71] AGA AB, SE
[85] 2001-01-25
[86] 1999-07-26 (PCT/SE99/01310)
[87] 2000-02-10 (WO00/06472)
[30] SE (9802647-9) 1998-07-29

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[21] **2,338,775**
[13] A1

[51] **Int.Cl. 7C22C 38/00 7C21D 8/12 7C21D 9/46**
[25] EN
[54] **HOT ROLLED ELECTRICAL STEEL SHEET EXCELLENT IN MAGNETIC CHARACTERISTICS AND CORROSION RESISTANCE AND METHOD FOR PRODUCTION THEREOF**
[54] **FEUILLE D'ACIER MAGNETIQUE LAMINEE A CHAUD PRESENTANT DES CARACTERISTIQUES MAGNETIQUES ET UNE RESISTANCE A LA CORROSION EXCELLENTE, ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] ABIKO, KENJI, JP
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
[85] 2001-01-25
[86] 2000-05-26 (PCT/JP00/03398)
[87] 2000-12-07 (WO00/73524)
[30] JP (11/148325) 1999-05-27

[21] **2,338,776**
[13] A1

[51] **Int.Cl. 7C07D 477/20 7A61K 31/40**
[25] EN
[54] **NOVEL C-2 S/O- AND S/N FORMALDEHYDE ACETAL DERIVATIVES OF CARBAPENEM-3-CARBOXYLIC ACIDS AND THEIR USE AS ANTIBIOTICS AND .BETA.-LACTAMASE INHIBITORS**
[54] **NOUVEAUX DERIVES ACETALIQUES C-2 S/O ET S/N DE FORMALDEHYDE D'ACIDES CARBAPENEM-3-CARBOXYLIQUE, ET LEUR EMPLOI COMME ANTIBIOTIQUES ET INHIBITEURS DE LA .BETA.-LACTAMASE**
[72] PFAENDLER, HANS RUDOLF, DE
[71] PFAENDLER, HANS RUDOLF, DE
[85] 2001-01-25
[86] 1999-07-23 (PCT/EP99/05295)
[87] 2000-02-10 (WO00/06574)
[30] EP (98114067.6) 1998-07-28

[21] **2,338,777**
[13] A1

[51] **Int.Cl. 7H04L 12/28 7H04Q 7/22**
[25] EN
[54] **METHOD AND APPARATUS FOR DATA TRANSMISSION TO A REMOTE COMMUNICATION DEVICE**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES A UN DISPOSITIF DE COMMUNICATION A DISTANCE**
[72] ALLDREDGE, LAWRENCE G., US
[71] QUALCOMM INCORPORATED, US
[85] 2001-01-25
[86] 2000-05-23 (PCT/US00/14234)
[87] 2000-11-30 (WO00/72520)
[30] US (09/320,482) 1999-05-26

[21] **2,338,778**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04Q 11/04**
[25] EN
[54] **A LINK-LEVEL FLOW CONTROL METHOD FOR AN ATM SERVER**
[54] **PROCEDE DE COMMANDE DE FLUX AU NIVEAU DU LIEN DANS UN SERVEUR MTA**
[72] FODOR, GABOR, SE
[72] RACZ, ANDRAS, HU
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-01-26
[86] 1999-07-27 (PCT/SE99/01321)
[87] 2000-02-17 (WO00/08811)
[30] US (09/131,202) 1998-08-07

[21] **2,338,779**
[13] A1

[51] **Int.Cl. 6A61K 7/16 6A61K 38/02**
[25] EN
[54] **CASEIN FORMULATIONS FOR THE DELIVERY OF BIOACTIVE CONSTITUENTS**
[54] **FORMULATIONS DE CASEINE DESTINEES A LA DELIVRANCE DE CONSTITUANTS BIOACTIFS**
[72] BANNISTER, DENNIS JAMES, AU
[71] PACIFIC BIOLINK PTY.LIMITED, AU
[85] 2001-01-26
[86] 1999-07-29 (PCT/AU99/00608)
[87] 2000-02-10 (WO00/06108)
[30] AU (PP 4947) 1998-07-29

[21] **2,338,780**
[13] A1

[51] **Int.Cl. 6A61K 9/30 6A61K 9/32 6A61K 9/36 6A61K 9/42**
[25] EN
[54] **PREPARATION CAPABLE OF RELEASING DRUG AT TARGET SITE IN INTESTINE**
[54] **PREPARATION CAPABLE DE LIBERER UN MEDICAMENT AU NIVEAU D'UN SITE CIBLE DANS L'INTESTIN**
[72] MIZOBE, MASAKAZU, JP
[72] YOSHINO, HIROYUKI, JP
[72] ISHIBASHI, TAKASHI, JP
[72] KUBO, HIROAKI, JP
[71] TANABE SEIYAKU CO., LTD., JP
[85] 2001-01-26
[86] 1999-07-26 (PCT/JP99/03989)
[87] 2000-02-10 (WO00/06128)
[30] JP (10/211678) 1998-07-28

[21] **2,338,781**
[13] A1

[51] **Int.Cl. 7C07K 11/00**
[25] EN
[54] **NOVEL PROCESS FOR THE SYNTHESIS OF EXOCHELINS**
[54] **NOUVEAU PROCEDE DE SYNTHESE D'EXOCHÉLINES**
[72] GAUDIOSO, LARRY A., US
[72] WEGLARZ, MICHAEL A., US
[71] KEYSTONE BIOMEDICAL, INC., US
[85] 2001-01-26
[86] 1999-08-11 (PCT/US99/18227)
[87] 2000-02-24 (WO00/09547)
[30] US (09/134,084) 1998-08-14

[21] **2,338,783**
[13] A1

[51] **Int.Cl. 7G01N 33/543 7G01N 33/52**
[25] FR
[54] **DISPOSITIF ET PROCEDE ELECTROSTATIQUES DE DETECTION IMMUNOLOGIQUE**
[54] **ELECTROSTATIC DEVICE AND METHOD FOR IMMUNOLOGICAL DETECTION**
[72] TOLEDANO, JACQUES, FR
[71] INFRABIO, FR
[85] 2001-01-22
[86] 1999-07-28 (PCT/FR99/01868)
[87] 2000-02-10 (WO00/07020)
[30] FR (98/09599) 1998-07-28

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[21] **2,338,784**
[13] A1
[51] **Int.Cl. 7B32B 7/12 7A61F 13/15 7A61F 13/56**
[25] EN
[54] **IMPROVED MECHANICALLY STRAINABLE COMPOSITE LAMINATED STRUCTURE**
[54] **STRUCTURE COMPOSITE STRATIFIEE, AMELIOREE, POUVANT ETRE SOUMISE A UNE CONTRAINTE MECANIQUE**
[72] CARLUCCI, GIOVANNI, IT
[72] BONELLI, GUIDO, IT
[72] CIMINI, CARMINE, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-01-25
[86] 1999-08-11 (PCT/US99/18253)
[87] 2000-02-24 (WO00/09325)
[30] EP (98115154.1) 1998-08-12

[21] **2,338,785**
[13] A1
[51] **Int.Cl. 6A61K 31/045**
[25] EN
[54] **USE OF XANTHOPHYLL TO ACCENTUATE THE EFFECTS OF ESTROGEN**
[54] **UTILISATION DE XANTHOPHYLLE POUR ACCENTUER LES EFFETS DES OESTROGENES**
[72] DELAHANTY, DAVID J., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF N, US
[85] 2001-01-25
[86] 1999-07-30 (PCT/US99/17370)
[87] 2000-02-10 (WO00/06141)
[30] US (60/094,785) 1998-07-31

[21] **2,338,787**
[13] A1
[51] **Int.Cl. 7H02G 1/00 7B25B 27/02 7B23P 19/02 7H02G 5/04 7H01R 43/22**
[25] EN
[54] **INSERTION TOOL**
[54] **OUTIL D'INSERTION**
[72] SINCLAIR, JOHN A., AU
[71] PUPBEST PTY LYD., AU
[85] 2001-01-25
[86] 2000-05-25 (PCT/AU00/00552)
[87] 2000-11-30 (WO00/72418)
[30] AU (PQ 0550) 1999-05-25

[21] **2,338,788**
[13] A1
[51] **Int.Cl. 7A61L 31/08 7A61F 2/06 7A61K 51/12 7A61L 31/16 7A61L 31/18**
[25] EN
[54] **DRUG DELIVERY DEVICE FOR STENT**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENTS POUR STENT**
[72] YANG, DACHUAN, US
[72] WANG, LIXIAO, US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2001-01-25
[86] 1999-08-31 (PCT/US99/19697)
[87] 2000-03-09 (WO00/12147)
[30] US (09/145,707) 1998-09-02

[21] **2,338,791**
[13] A1
[51] **Int.Cl. 7C11D 3/00 7D06M 15/11 7C11D 3/22 7C11D 3/37 7D06M 15/423 7D06M 13/463 7D06M 15/61**
[25] EN
[54] **WRINKLE RESISTANT COMPOSITION**
[54] **COMPOSITION CONFERANT UNE RESISTANCE AU FROISSEMENT**
[72] ALTMANN, MARKUS, BE
[72] BERNAERTS, AN, BE
[72] GOOSSENS, ELS, BE
[72] MASSCHELEIN, AXEL, BE
[72] HUBESCH, BRUNO ALBERT JEAN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-01-25
[86] 1999-08-03 (PCT/US99/17554)
[87] 2000-02-17 (WO00/08127)
[30] EP (98870173.6) 1998-08-03

[21] **2,338,793**
[13] A1
[51] **Int.Cl. 7C11D 17/00**
[25] EN
[54] **MULTILAYER DETERGENT TABLET WITH DIFFERENT ELASTICITIES**
[54] **PASTILLE DETERGENTE PRESENTANT DIFFERENTES ELASTICITES**
[72] SALAGER, SERGE ERIC, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-01-25
[86] 1999-08-11 (PCT/US99/18190)
[87] 2000-02-24 (WO00/09645)
[30] EP (98202712.0) 1998-08-13

[21] **2,338,796**
[13] A1
[51] **Int.Cl. 7G01N 33/558 7G01N 33/543**
[25] EN
[54] **ASSAY USING POROSITY-REDUCTION TO INHIBIT MIGRATION**
[54] **ANALYSE UTILISANT LA REDUCTION DE LA POROSITE POUR INHIBER LA MIGRATION**
[72] GURMIN, TRACEY, GB
[72] BARRADINE, MARTIN, GB
[71] GENOSIS LIMITED, GB
[85] 2001-01-25
[86] 1999-10-01 (PCT/GB99/03249)
[87] 2000-04-13 (WO00/20866)
[30] GB (9821526.2) 1998-10-02

[21] **2,338,937**
[13] A1
[51] **Int.Cl. 6H04L 12/24**
[25] EN
[54] **THIRD PARTY MANAGEMENT PLATFORMS INTEGRATION**
[54] **INTEGRATION DE PLATES-FORMES DE GESTION DE TIERCE PARTIE**
[72] VINCENT, BOB, CA
[72] BAKER, STEVE, CA
[71] CROSSKEYS SYSTEMS CORPORATION, CA
[85] 2001-01-30
[86] 1998-07-31 (PCT/CA98/00738)
[87] 1999-02-11 (WO99/07109)
[30] CA (2,212,251) 1997-07-31

[21] **2,338,939**
[13] A1
[51] **Int.Cl. 7H04N 7/64**
[25] EN
[54] **ENCODING METHOD OF MULTIMEDIA DATA AND DEVICE THEREOF**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE CODER DES DONNEES MULTIMEDIA**
[72] LEE, YUNG-LYUL, KR
[72] PARK, DONG-SEEK, KR
[72] PARK, JEONG-HOON, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2001-01-30
[86] 2000-06-12 (PCT/KR00/00615)
[87] 2000-12-21 (WO00/78054)
[30] KR (1999/21909) 1999-06-12
[30] KR (1999/61326) 1999-12-23

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[21] **2,338,941**
[13] A1

[51] **Int.Cl. 6C04B 28/14 6B28B 11/00**
[25] EN
[54] **GYP SUM-CONTAINING PRODUCT HAVING INCREASED RESISTANCE TO PERMANENT DEFORMATION AND METHOD AND COMPOSITION FOR PRODUCING IT**
[54] **PRODUIT CONTENANT DU GYPSE PRESENTANT UNE RESISTANCE ACCRUE A LA DEFORMATION PERMANENTE, ET PROCEDE ET COMPOSITION PERMETTANT D'OBTENIR CE PRODUIT**
[72] JONES, FREDERICK T., US
[72] MLINAC, RAYMOND J., US
[72] GROZA, BRENT E., US
[72] BOEHNERT, FREDERICK M., US
[72] SUCECH, STEVEN W., US
[72] YU, QIANG, US
[71] UNITED STATES GYP SUM COMPANY, US
[85] 2001-01-30
[86] 1999-02-18 (PCT/US99/01879)
[87] 2000-02-10 (WO00/06518)
[30] US (PCT/US98/15874) 1998-07-30
[30] US (09/138,355) 1998-08-21
[30] US (PCT/US98/17293) 1998-08-21
[30] US (09/249,814) 1999-02-16

[21] **2,338,944**
[13] A1

[51] **Int.Cl. 7C07D 223/12 7C07D 401/06 7C07D 401/10 7C07D 405/12 7C07D 243/24 7A61K 31/55**
[25] EN
[54] **SUCCINOYLAMINO LACTAMS AS INHIBITORS OF A.BETA. PROTEIN PRODUCTION**
[54] **SUCCINOYLAMINO LACTAMES COMME INHIBITEURS DE PRODUCTION DE PROTEINE A.BETA.**
[72] MADUSKUIE, THOMAS P., US
[72] OLSON, RICHARD E., US
[72] THOMAS, LORIN ANDREW, US
[71] DUPONT PHARMACEUTICALS COMPANY, US
[85] 2001-01-30
[86] 1999-08-07 (PCT/US99/17717)
[87] 2000-02-17 (WO00/07995)
[30] US (60/095,698) 1998-08-07
[30] US (60/113,558) 1998-12-24
[30] US (60/120,227) 1999-02-15
[30] US (UNKNOWN) 1999-08-06

[21] **2,338,946**
[13] A1

[51] **Int.Cl. 7C07K 5/083 7C12P 41/00 7A61K 38/06 7C07K 5/087 7C07C 229/48**
[25] EN
[54] **HEPATITIS C INHIBITOR TRI-PEPTIDES**
[54] **TRI-PEPTIDES INHIBITEURS DE L'HEPATITE C**
[72] POUPART, MARC-ANDRE, CA
[72] HALMOS, TEDDY, CA
[72] RANCOURT, JEAN, CA
[72] GHIRO, ELISE, CA
[72] TSANTRIZOS, YOULA S., CA
[72] GOUDREAU, NATHALIE, CA
[72] CAMERON, DALE, CA
[72] BAILEY, MURRAY D., CA
[72] FAUCHER, ANNE-MARIE, CA
[72] WERNIC, DOMINIK M., CA
[72] LLINAS-BRUNET, MONTSE, CA
[71] BOEHRINGER INGELHEIM (CANADA) LTD., CA
[85] 2001-01-30
[86] 1999-08-09 (PCT/CA99/00736)
[87] 2000-02-24 (WO00/09543)
[30] US (60/095,931) 1998-08-10
[30] US (60/132,386) 1999-05-04

[21] **2,338,948**
[13] A1

[51] **Int.Cl. 7C08B 31/18 7C08B 35/08**
[25] EN
[54] **OXIDATION OF STARCH**
[54] **OXYDATION DE L'AMIDON**
[72] KESSELMANS, RONALD PETER WILHELMUS, NL
[72] WIELEMA, THOMAS ALBERT, NL
[72] TER VEER, BEREND CORNELIS AREND, NL
[72] BROUWER, PIETER HUBERT, NL
[71] COOPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DERIVA, NL
[85] 2001-01-30
[86] 1999-07-28 (PCT/NL99/00484)
[87] 2000-02-10 (WO00/06607)
[30] EP (98202593.4) 1998-07-31

[21] **2,338,950**
[13] A1

[51] **Int.Cl. 7H02J 7/00**
[25] EN
[54] **POWER SOURCE FOR A HEARING AID**
[54] **SOURCE D'ENERGIE POUR APPAREIL DE CORRECTION AUDITIVE**
[72] LEEDOM, MARVIN ALLAN, US
[72] MAHONEY, DEREK DWAYNE, US
[72] HOLLINGSWORTH, GARY JOHN, US
[72] SJURSEN, WALTER PAUL, US
[71] SARNOFF CORPORATION, US
[85] 2001-01-30
[86] 1999-07-30 (PCT/US99/17346)
[87] 2000-02-10 (WO00/07276)
[30] US (09/124,948) 1998-07-30

[21] **2,338,957**
[13] A1

[51] **Int.Cl. 6B08B 3/02 6B03B 5/52**
[25] EN
[54] **SPIRAL CLEANING MEANS**
[54] **SYSTEME DE NETTOYAGE POUR SEPARATEURS SPIRALES**
[72] JONES, TREVOR FREDERICK, AU
[71] JONES, TREVOR FREDERICK, AU
[85] 2001-01-30
[86] 1999-07-28 (PCT/AU99/00606)
[87] 2000-02-10 (WO00/06310)
[30] AU (PP 4978) 1998-07-30

[21] **2,338,961**
[13] A1

[51] **Int.Cl. 7B01J 37/02 7C07C 67/055 7B01J 23/52 7B01J 23/58 7B01J 23/66**
[25] EN
[54] **METHOD FOR PRODUCING SUPPORTED CATALYSTS AND THEIR USE FOR PRODUCING VINYL ACETATE MONOMER**
[54] **PROCEDE POUR LA PRODUCTION DE CATALYSEURS SUPPORTES, AINSI QUE LEUR UTILISATION POUR LA PRODUCTION DE MONOMERE D'ACETATE VINYLIQUE**
[72] HAGEMEYER, ALFRED, US
[72] WERNER, HARALD, DE
[72] DINGERDISSEN, UWE, DE
[71] CELANESE CHEMICALS EUROPE GMBH, DE
[85] 2001-01-30
[86] 1999-07-22 (PCT/EP99/05240)
[87] 2000-02-17 (WO00/07727)
[30] DE (198 34 569.0) 1998-07-31

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,338,962 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/30 [25] EN [54] RESOURCE AND PROJECT MANAGEMENT SYSTEM [54] SYSTEME DE GESTION DES RESSOURCES ET DES PROJETS [72] KAUFMAN, STEPHEN B., US [72] BRAUN, WILLIAM H., US [72] MILLER, BRUCE, US [72] ZEIGLER, ROBERT, US [72] BRUCE, MARK, US [72] LAMBERT, ROBERT, US [71] SCHAWK, INC., US [85] 2001-01-30 [86] 1999-07-30 (PCT/US99/17335) [87] 2000-02-10 (WO00/07125) [30] US (60/094,912) 1998-07-31</p>	<p style="text-align: right;">[21] 2,339,058 [13] A1</p> <p>[51] Int.Cl. 7B32B 27/32 7C08L 23/10 7C08K 5/1575 7C08J 5/18 [25] EN [54] HIGH SURFACE GLOSS, CO-EXTRUDED SHEETS FROM OLEFIN POLYMER MATERIALS [54] FEUILLES CO-EXTRUDEES, A FORT BRILLANT DE SURFACE, PRODUITES A PARTIR DE MATERIAUX POLYMERES OLEFINIQUES [72] SHAH, BAKHTIAR ALAM, US [72] ROSENTHAL, JAY S., US [71] BASELL TECHNOLOGY COMPANY B.V., NL [85] 2001-01-18 [86] 2000-04-06 (PCT/IB00/00423) [87] 2000-11-30 (WO00/71338) [30] US (09/315,098) 1999-05-19 [30] US (09/454,869) 1999-12-03</p>	<p style="text-align: right;">[21] 2,339,062 [13] A1</p> <p>[51] Int.Cl. 6H02H 3/22 [25] EN [54] LOW CAPACITANCE SURGE PROTECTOR FOR HIGH SPEED DATA TRANSMISSION [54] PROTECTION CONTRE LES SURTENSIONS A FAIBLE CAPACITE ADAPTEE A LA TRANSMISSION DE DONNEES A GRANDE VITESSE [72] KOBASA, PETER, US [71] PORTA SYSTEMS CORPORATION, US [85] 2000-11-23 [86] 1999-05-28 (PCT/US99/11957) [87] 1999-12-02 (WO99/62158) [30] US (60/087,323) 1998-05-29</p>
<p style="text-align: right;">[21] 2,339,057 [13] A1</p> <p>[51] Int.Cl. 7B29C 49/42 7B65G 47/256 [25] EN [54] ARRANGEMENT FOR IDENTIFYING AND REMOVING ASSOCIATED PREFORMS FROM A CONTINUOUS TRANSFER LINE [54] DISPOSITIF D'IDENTIFICATION ET D'ELIMINATION DES PREFORMES ANORMALEMENT INBRIQUEES D'UNE CHAINE DE TRANSFERT EN CONTINU [72] CASAGRANDE, LUCIANO, IT [71] SIPA S.P.A., IT [85] 2001-01-05 [86] 1999-09-04 (PCT/EP99/06516) [87] 2000-04-27 (WO00/23254) [30] IT (PN98A000074) 1998-10-20</p>	<p style="text-align: right;">[21] 2,339,060 [13] A1</p> <p>[51] Int.Cl. 7A61B 17/04 [25] EN [54] VASCULAR SUCTION CANNULA, DILATOR AND SURGICAL STAPLER [54] CANULE D'ASPIRATION VASCULAIRE, DILATATEUR ET AGRAFEUSE CHIRURGICALE [72] TALLARIDA, STEVEN J., US [72] ETTLINGER, MARK, US [71] ANGIOLINK CORPORATION, US [85] 2001-01-22 [86] 1999-07-21 (PCT/US99/16476) [87] 2000-02-17 (WO00/07640) [30] US (60/093,701) 1998-07-22</p>	<p style="text-align: right;">[21] 2,339,064 [13] A1</p> <p>[51] Int.Cl. 6D21C 1/06 6D21C 11/12 [25] EN [54] ARUNDO DONAX PULP, PAPER PRODUCTS, AND PARTICLE BOARD [54] PANNEAUX COMPOSITES, PATE A PAPIER ET PRODUITS DE PAPIER A BASE D'ARUNDO DONAX [72] WOLCOTT, MICHAEL P., US [72] ALTHEIMER, ERNETT, US [71] WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION, US [71] ALEX-ALT BIOMASS, INC., US [85] 2001-02-09 [86] 1999-06-16 (PCT/US99/13519) [87] 1999-12-23 (WO99/66119) [30] US (60/089,596) 1998-06-17</p>
<p style="text-align: right;">[21] 2,339,061 [13] A1</p> <p>[51] Int.Cl. 6H01S 3/19 [25] EN [54] SEMI-CONDUCTOR OPTICAL AMPLIFIER [54] AMPLIFICATEUR OPTIQUE A SEMI-CONDUCTEUR [72] SHVEIKIN, VASILY I., RU [72] KURNYAVKO, JURY VLADIMIROVICH, RU [72] BOGATOV, ALEXANDR PETROVICH, RU [72] DRAKIN, ALEXANDR EVGENIEVICH, RU [71] SHVEIKIN, VASILY I., RU [85] 2000-09-11 [86] 1999-03-11 (PCT/RU99/00067) [87] 1999-09-16 (WO99/46838) [30] RU (98103653) 1998-03-12</p>	<p style="text-align: right;">[21] 2,339,065 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/00 [25] EN [54] SOFTWARE TOOL FOR MANAGEMENT OF TIMESHARE PROPERTIES [54] OUTIL LOGICIEL POUR LA GESTION DE MULTIPROPRIETES [72] PENCE, GENE N., US [71] CCS INTERNATIONAL, INC., US [85] 2000-12-19 [86] 2000-04-19 (PCT/US00/10492) [87] 2000-10-26 (WO00/63794) [30] US (60/130,079) 1999-04-19 [30] US (09/553,238) 2000-04-19</p>	

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,339,066 [13] A1</p> <p>[51] Int.Cl. 7C08B 37/08 [25] EN [54] AMIDES OF HYALURONIC ACID AND THE DERIVATIVES THEREOF AND A PROCESS FOR THEIR PREPARATION [54] AMIDES D'ACIDE HYALURONIQUE, DERIVES DE CE DERNIER ET LEURS PROCEDE DE PREPARATION [72] BELLINI, DAVIDE, IT [72] TOPAI, ALESSANDRA, IT [71] FIDIA ADVANCED BIOPOLYMERS S.R.L., IT [85] 2001-01-04 [86] 1999-07-06 (PCT/IB99/01254) [87] 2000-01-13 (WO00/01733) [30] IT (PD98A000169) 1998-07-06</p>	<p style="text-align: right;">[21] 2,339,069 [13] A1</p> <p>[51] Int.Cl. 6H02H 9/04 6G06F 1/26 [25] EN [54] UNIVERSAL SURGE PROTECTOR FOR NOTEBOOK COMPUTERS [54] PROTECTION UNIVERSELLE CONTRE LES SURTENSIONS POUR ORDINATEURS PORTABLES [72] BELL, RONNIE L., US [72] MANNING, WILLIAM R., US [71] AMERICAN POWER CONVERSION CORPORATION, US [85] 2001-01-24 [86] 1998-07-24 (PCT/US98/15492) [87] 2000-02-03 (WO00/05798)</p>	<p style="text-align: right;">[21] 2,339,467 [13] A1</p> <p>[51] Int.Cl. 7B65D 47/20 7B05B 11/04 [25] EN [54] CONTAINER VALVE [54] DISTRIBUTEUR A DIAPHRAGME POUR CONTENANT [72] TAGHAVI-KHANGHAH, SAID, GB [71] VERESK BIOSYSTEMS LTD., GB [85] 2001-02-02 [86] 1999-07-30 (PCT/GB99/02512) [87] 2000-02-17 (WO00/07899) [30] GB (PCT/GB98/02328) 1998-08-03</p>
<p style="text-align: right;">[21] 2,339,067 [13] A1</p> <p>[51] Int.Cl. 6A44B 11/25 [25] EN [54] SAFETY SNAP BUCKLE [54] BOUCLE ENCLIQUETABLE DE SECURITE [72] GALBREATH, JOHN A., US [71] GALBREATH, JOHN A., US [85] 2001-01-23 [86] 1999-07-28 (PCT/US99/17414) [87] 2000-02-10 (WO00/05987) [30] US (09/127,135) 1998-07-31</p>	<p style="text-align: right;">[21] 2,339,070 [13] A1</p> <p>[51] Int.Cl. 7A47C 3/02 7A47C 1/035 [25] EN [54] GLIDING SEATING UNIT WITH HINGED GLIDING MEMBERS [54] UNITE DE SIEGE COULISSANTE MUNIE D'ELEMENTS COULISSANTS A CHARNIERES [72] ROGERS, W. CLARK, US [71] ROGERS DESIGN, US [85] 2001-01-25 [86] 1999-08-03 (PCT/US99/17598) [87] 2000-02-24 (WO00/08977) [30] US (09/132,931) 1998-08-11</p>	<p style="text-align: right;">[21] 2,339,468 [13] A1</p> <p>[51] Int.Cl. 6B01J 7/00 6C10B 1/00 [25] EN [54] PROTECTIVE REFRACTORY SHIELD FOR A GASIFIER [54] BOUCLIER REFRACTAIRE DE PROTECTION POUR GAZEIFICATEUR [72] BROOKER, DONALD D., US [71] TEXACO DEVELOPMENT CORPORATION, US [85] 2001-02-02 [86] 1999-07-28 (PCT/US99/17320) [87] 2000-02-17 (WO00/07713) [30] US (09/128,817) 1998-08-04</p>
<p style="text-align: right;">[21] 2,339,068 [13] A1</p> <p>[51] Int.Cl. 7A01N 51/00 7A01N 43/828 [25] EN [54] PESTICIDAL COMPOSITIONS COMPRISING 1,2,3-BENZOTHIADIAZOLE DERIVATIVES [54] COMPOSITION PESTICIDES COMPRENANT DES DERIVES 1,2,3-BENZOTHIADIAZOLE [72] RUESS, WILHELM, CH [72] OOSTENDORP, MICHAEL, DE [71] SYNGENTA PARTICIPATIONS AG, CH [85] 2001-01-24 [86] 1999-07-28 (PCT/EP99/05414) [87] 2000-02-10 (WO00/05959) [30] GB (9816638.2) 1998-07-30</p>	<p style="text-align: right;">[21] 2,339,071 [13] A1</p> <p>[51] Int.Cl. 7C07D 471/04 7C07D 221/00 7C07D 231/00 7A61K 31/435 [25] EN [54] SUBSTITUTED PYRAZOLE DERIVATIVES CONDENSED WITH SIX-MEMBERED HETEROCYCLIC RINGS [54] DERIVES DE PYRAZOLE SUBSTITUES, CONDENSES AVEC DES NOYAUX HETEROCYCLIQUES A SIX CHAINES [72] STAHL, ELKE, DE [72] DEMBOWSKY, KLAUS, DE [72] HUTTER, JOACHIM, DE [72] STASCH, JOHANNES-PETER, DE [72] PERZBORN, ELISABETH, DE [72] ALONSO-ALIJA, CRISTINA, DE [72] FEURER, ACHIM, DE [72] STRAUB, ALEXANDER, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2001-01-26 [86] 1999-07-16 (PCT/EP99/05074) [87] 2000-02-10 (WO00/06569) [30] DE (198 34 044.3) 1998-07-29</p>	<p style="text-align: right;">[21] 2,339,470 [13] A1</p> <p>[51] Int.Cl. 7H04N 7/16 [25] EN [54] A SYSTEM AND METHOD FOR SYNCHRONIZING TELEVISION-RELATED PRODUCT CONTENT AND INTERNET-DELIVERED INFORMATION [54] SYSTEME ET PROCEDE PERMETTANT DE SYNCHRONISER LE CONTENU DES PRODUITS LIES A LA TELEVISION ET L'INFORMATION FOURNIE PAR INTERNET [72] ALLISON, DONALD W., US [72] MARSHALL, CONNIE T., US [72] DEMERS, TIMOTHY B., US [72] FORRER, MADELEINE A., US [72] HERRINGTON, W. BENJAMIN, US [72] WILLIAMSON, STEVEN C., US [72] BOYER, FRANKLIN E., US [72] FITZWILSON, E. FONTANA, US [71] UNITED VIDEO PROPERTIES, INC., US [85] 2001-02-02 [86] 1999-08-05 (PCT/US99/17983) [87] 2000-02-17 (WO00/08855) [30] US (60/095,367) 1998-08-05</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,339,471 [13] A1</p> <p>[51] Int.Cl. 7B60P 1/02 7B60P 3/055 [25] EN [54] VEHICLE WITH LOADING BOXES FOR RECEIVING LOADS [54] VEHICULE COMPORTANT DES CONTENEURS DE CHARGEMENT DESTINES A RECEVOIR DES MARCHANDISES [72] HURLER, WALTER, DE [71] HURLER, WALTER, DE [85] 2001-02-02 [86] 1999-08-04 (PCT/EP99/05653) [87] 2000-02-17 (WO00/07843) [30] DE (298 13 993.6) 1998-08-05</p>	<p style="text-align: right;">[21] 2,339,474 [13] A1</p> <p>[51] Int.Cl. 6G07F 17/34 6A63F 3/06 [25] EN [54] APPARATUS FOR PLAYING A GAME [54] APPAREIL DE JEU [72] THOMAS, JAMES DAVID, GB [71] THOMAS ESTATES LIMITED, GB [85] 2001-02-02 [86] 1999-08-03 (PCT/GB99/02552) [87] 2000-02-17 (WO00/08613) [30] GB (9816883.4) 1998-08-03</p>	<p style="text-align: right;">[21] 2,340,071 [13] A1</p> <p>[51] Int.Cl. 7H04N 7/00 [25] EN [54] A METHOD AND SYSTEM TO COLLECT INFORMATION [54] SYSTEME DE RECUEIL D'INFORMATIONS ET PROCEDE A CET EFFET [72] LUDTKE, HAROLD AARON, US [71] SONY ELECTRONICS, INC., US [85] 2001-02-12 [86] 1999-08-10 (PCT/US99/18144) [87] 2000-03-02 (WO00/11865) [30] US (09/138,815) 1998-08-21</p>
<p style="text-align: right;">[21] 2,339,472 [13] A1</p> <p>[51] Int.Cl. 7A43B 5/04 [25] EN [54] A DEVICE FOR COUPLING AN ITEM OF FOOTWEAR ON AN ITEM OF SPORTS EQUIPMENT [54] DISPOSITIF DE COUPLAGE D'UN ARTICLE DE CHAUSSURE SUR UN ARTICLE D'EQUIPEMENT SPORTIF [72] ZANATTA, MARCO, IT [72] ZANATTA, LUCA, IT [71] ZANATTA, MARCO, IT [71] ZANATTA, LUCA, IT [85] 2001-02-02 [86] 1999-08-02 (PCT/EP99/05563) [87] 2000-02-17 (WO00/07476) [30] IT (TV98U000029) 1998-08-05</p>	<p style="text-align: right;">[21] 2,339,477 [13] A1</p> <p>[51] Int.Cl. 7H04N 7/10 [25] EN [54] AUDIO/VIDEO SIGNAL REDISTRIBUTION SYSTEM [54] SYSTEME DE REDISTRIBUTION DE SIGNAUX AUDIO/VIDEO [72] JEFFERY, ROSS A., CA [71] JEFFERY, ROSS A., CA [85] 2001-02-02 [86] 1999-07-30 (PCT/CA99/00698) [87] 2000-02-17 (WO00/08854) [30] US (09/127,963) 1998-08-03</p>	<p style="text-align: right;">[21] 2,340,073 [13] A1</p> <p>[51] Int.Cl. 7G10L 13/06 [25] EN [54] METHOD AND DEVICE FOR THE CONCATENATION OF AUDIOSEGMENTS, TAKING INTO ACCOUNT COARTICULATION [54] PROCEDE ET DISPOSITIF PERMETTANT DE CONCATENER DES SEGMENTS AUDIO EN TENANT COMPTE DE LA COARTICULATION [72] BUSKIES, CHRISTOPH, DE [71] BUSKIES, CHRISTOPH, DE [85] 2001-02-12 [86] 1999-08-19 (PCT/EP99/06081) [87] 2000-03-02 (WO00/11647) [30] DE (198 37 661.8) 1998-08-19</p>
<p style="text-align: right;">[21] 2,339,473 [13] A1</p> <p>[51] Int.Cl. 6A61K 35/78 6A61K 31/70 [25] EN [54] NUTRIENT AND THERAPEUTIC COMPOSITIONS FOR THE TREATMENT OF CANCER [54] COMPOSITIONS NUTRITIVES ET THERAPEUTIQUES POUR LE TRAITEMENT DU CANCER [72] KOSBAB, JOHN V., US [71] KOSBAB, JOHN V., US [85] 2001-02-02 [86] 1999-08-03 (PCT/US99/17633) [87] 2000-02-17 (WO00/07607) [30] US (09/128,905) 1998-08-04</p>	<p style="text-align: right;">[21] 2,340,051 [13] A1</p> <p>[51] Int.Cl. 7B60R 7/00 [25] EN [54] CARGO NET ASSEMBLY [54] ENSEMBLE FILET A MARCHANDISES [72] CRAGO, GARTH, US [71] MAGNA INTERIOR SYSTEMS INC., CA [85] 2001-02-09 [86] 1999-08-20 (PCT/CA99/00773) [87] 2000-03-02 (WO00/10836) [30] US (60/097,369) 1998-08-21</p>	<p style="text-align: right;">[21] 2,340,162 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/36 [25] EN [54] RECONFIGURING DIVERSITY LEGS DURING CN-RNC INTERFACE STREAMLINING [54] RECONFIGURATION DE TRONCONS EN DIVERSITE LORS D'UNE RATIONALISATION D'INTERFACE RESEAU CENTRAL/ CENTRE DE COMMANDE DU RESEAU RADIOTELEPHONIQUE [72] RUNE, GORAN, SE [72] NOGUERA-RODRIGUEZ, JUAN, JP [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-02-08 [86] 1999-08-20 (PCT/SE99/01417) [87] 2000-03-02 (WO00/11899) [30] US (09/139,749) 1998-08-25</p>

Demandes PCT entrant en phase nationale

[21] **2,340,251**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **INSERTABLE STENT AND METHODS OF MAKING AND USING SAME**
[54] **STENT IMPLANTABLE ET PRODUCTION ET UTILISATION DE CE STENT**
[72] XIE, HUA, US
[71] PROVIDENCE HEALTH SYSTEM-OREGON, US
[85] 2001-02-12
[86] 1999-08-18 (PCT/US99/19003)
[87] 2000-03-02 (WO00/10488)
[30] US (60/097,357) 1998-08-21

[21] **2,340,344**
[13] A1

[51] **Int.Cl. 7A61K 31/415**
[25] EN
[54] **GROWTH HORMONE SECRETAGOGUES**
[54] **SECRETAGOGUES D'HORMONES DE CROISSANCE**
[72] ALT, CHARLES ARTHUR, US
[72] JUNGHEIM, LOUIS NICKOLAUS, US
[72] COHEN, JEFFREY DANIEL, US
[72] DODGE, JEFFREY ALAN, US
[72] BRYANT, HENRY UHLMAN, US
[72] HAUSER, KENNETH LEE, US
[72] HEIMAN, MARK LOUIS, US
[72] PALKOWITZ, ALAN DAVID, US
[72] MUEHL, BRIAN STEPHEN, US
[72] COPP, JAMES DENSMORE, US
[72] JONES, SCOTT ALAN, US
[72] RATZ, ANDREW MICHAEL, US
[72] ROBEY, ROGER LEWIS, US
[72] LUGAR, CHARLES WILLIS III, US
[72] TRANKLE, WILLIAM GEORGE, US
[72] RHODES, GARY ANTHONY, US
[72] SHEPHERD, TIMOTHY ALAN, US
[72] THRASHER, KENNETH JEFF, US
[72] GRITTON, WILLIAM HARLAN, US
[71] ELI LILLY AND COMPANY, US
[85] 2001-02-12
[86] 1999-02-19 (PCT/US99/03525)
[87] 2000-03-02 (WO00/10565)
[30] EP (98306622.6) 1998-08-18
[30] EP (98306621.8) 1998-08-18
[30] US (PCT/US98/17229) 1998-08-19

[21] **2,340,369**
[13] A1

[51] **Int.Cl. 7H04L 12/26 7H04L 12/28 7H04L 12/50 7H04L 12/54 7H04L 12/66**
[25] EN
[54] **LAYER ONE SWITCHING IN A PACKET, CELL, OR FRAME-BASED NETWORK**
[54] **COMMUTATION DE COUCHE UNE DANS UN RESEAU BASE SUR DES PAQUETS, DES CELLULES OU DES BLOCS**
[72] HOWE, WAYNE R., US
[71] HOWE, WAYNE R., US
[85] 2001-02-13
[86] 1999-08-17 (PCT/US99/18500)
[87] 2000-03-02 (WO00/11838)
[30] US (60/097,138) 1998-08-19
[30] US (09/375,135) 1999-08-16

[21] **2,340,379**
[13] A1

[51] **Int.Cl. 7H01M 6/16**
[25] EN
[54] **CYANO-SUBSTITUTED METHIDE AND AMIDE SALTS**
[54] **SELS DE METHIDE ET D'AMIDE A SUBSTITUTION CYANO**
[72] FANTA, ALAN D., US
[72] LAMANNA, WILLIAM M., US
[72] PHAM, PHAT T., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2001-02-13
[86] 1999-08-04 (PCT/US99/17616)
[87] 2000-03-02 (WO00/11742)
[30] US (09/139,315) 1998-08-25

[21] **2,340,385**
[13] A1

[51] **Int.Cl. 7H01M 2/04**
[25] EN
[54] **ELECTROCHEMICAL CELL HAVING COLLECTOR ELECTRICALLY INSULATED FROM COVER**
[54] **CELLULE ELECTROCHIMIQUE AVEC COLLECTEUR ELECTRIQUEMENT ISOLE DE L'ENVELOPPE**
[72] TUCHOLSKI, GARY R., US
[72] SONDECKER, GEORGE R., US
[71] EVEREADY BATTERY COMPANY, INC., US
[85] 2001-02-13
[86] 1999-08-16 (PCT/US99/18609)
[87] 2000-03-02 (WO00/11733)
[30] US (60/097,445) 1998-08-21
[30] US (60/102,951) 1998-10-02
[30] US (09/293,716) 1999-04-16

[21] **2,340,387**
[13] A1

[51] **Int.Cl. 7H01M 2/12**
[25] EN
[54] **BATTERY CONSTRUCTION HAVING PRESSURE RELEASE MECHANISM**
[54] **CONSTRUCTION DE BATTERIE COMPORTANT UN MECANISME DE RELACHEMENT DE PRESSION**
[72] SONDECKER, GEORGE R., US
[72] LAISY, GARY A., US
[71] EVEREADY BATTERY COMPANY, INC., US
[85] 2001-02-13
[86] 1999-08-16 (PCT/US99/18667)
[87] 2000-03-02 (WO00/11736)
[30] US (60/097,445) 1998-08-21
[30] US (60/102,951) 1998-10-02
[30] US (09/293,225) 1999-04-16

[21] **2,340,388**
[13] A1

[51] **Int.Cl. 7H01M 2/04**
[25] EN
[54] **BATTERY CONSTRUCTION HAVING DOUBLE SEAM COVER CLOSURE**
[54] **CONSTRUCTION DE BATTERIE COMPORTANT UNE FERMETURE DE COUVERCLE A PLI DOUBLE**
[72] SONDECKER, GEORGE R., US
[72] TUCHOLSKI, GARY R., US
[71] EVEREADY BATTERY COMPANY, INC., US
[85] 2001-02-13
[86] 1999-08-16 (PCT/US99/18669)
[87] 2000-03-02 (WO00/11734)
[30] US (60/097,445) 1998-08-21
[30] US (60/102,951) 1998-10-02
[30] US (09/293,453) 1999-04-16

PCT Applications Entering the National Phase

[21] **2,340,394**
[13] A1

[51] **Int.Cl. 7A61K 51/00 7A61M 36/14**
[25] EN
[54] **METHODS FOR LABELING BETA.-AMYLOID PLAQUES AND NEUROFIBRILLARY TANGLES**
[54] **PROCEDE DE MARQUAGE POUR PLAQUES BETA-AMYOLOIDE ET DEGENERESCENCE NEUROFIBRILLAIRE**
[72] HUANG, SUNG-CHENG, US
[72] COLE, GREGORY M., US
[72] SMALL, GARY W., US
[72] PETRIC, ANDREJ, SI
[72] SATYAMURTHY, NAGICHETTIAR, US
[72] BARRIO, JORGE R., US
[71] REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2001-02-13
[86] 1999-08-20 (PCT/US99/18966)
[87] 2000-03-02 (WO00/10614)
[30] US (60/097,320) 1998-08-20

[21] **2,340,409**
[13] A1

[51] **Int.Cl. 7G02B 6/293**
[25] EN
[54] **TUNABLE PERIODIC FILTER**
[54] **FILTRE PERIODIQUE ACCORDABLE**
[72] KROL, MARK F., US
[72] WU, QI, US
[71] CORNING INCORPORATED, US
[85] 2001-02-13
[86] 1999-07-16 (PCT/US99/16215)
[87] 2000-03-02 (WO00/11510)
[30] US (60/097,464) 1998-08-21

[21] **2,340,410**
[13] A1

[51] **Int.Cl. 7H01J 61/30 7H01J 17/16 7H01J 61/24**
[25] EN
[54] **CHANNELED GLASS ARTICLE FOR COMPACT FLUORESCENT LIGHTING**
[54] **ARTICLE DE VERRE A CANAL POUR DISPOSITIF COMPACT D'ECLAIRAGE FLUORESCENT**
[72] COOCH, STEPHEN L., US
[71] CORNING INCORPORATED, US
[85] 2001-02-13
[86] 1999-06-21 (PCT/US99/13992)
[87] 2000-03-02 (WO00/11703)
[30] US (60/097,394) 1998-08-21

[21] **2,340,412**
[13] A1

[51] **Int.Cl. 7C03C 3/078 7C03C 3/085 7C03C 3/087 7C03C 3/089 7C03C 3/091**
[25] EN
[54] **LEAD-FREE GLASSES**
[54] **VERRES SANS-PLOMB**
[72] KOHLI, JEFFREY T., US
[72] WEBB, JAMES E., US
[72] HARES, GEORGE B., US
[71] CORNING INCORPORATED, US
[85] 2001-02-13
[86] 1999-07-16 (PCT/US99/16106)
[87] 2000-02-24 (WO00/09456)
[30] US (60/096,558) 1998-08-14

[21] **2,340,438**
[13] A1

[51] **Int.Cl. 7D21D 5/26 7D21F 1/66**
[25] EN
[54] **METHOD AND APPARATUS FOR PRETREATING PAPER PULP**
[54] **PROCEDE ET APPAREIL POUR LE PRETRAITEMENT DE LA PATE A PAPIER**
[72] MATULA, JOUNI, FI
[71] ANDRITZ-AHLSTROM OY, FI
[85] 2001-02-13
[86] 1999-08-18 (PCT/FI99/00684)
[87] 2000-03-02 (WO00/11265)
[30] FI (981798) 1998-08-21

[21] **2,340,470**
[13] A1

[51] **Int.Cl. 7C12N 15/16 7A61K 48/00 7A01K 67/027 7A61K 38/22 7C07K 16/26 7C07K 14/575**
[25] EN
[54] **LEPTIN-RELATED PEPTIDES**
[54] **PEPTIDES DE TYPE LEPTINE**
[72] LEE, DANIEL W., US
[72] GRASSO, PATRICIA, US
[72] LEINUNG, MATTHEW C., US
[71] ALBANY MEDICAL COLLEGE, US
[85] 2001-02-20
[86] 1999-08-20 (PCT/US99/19021)
[87] 2000-03-02 (WO00/11173)
[30] US (60/097,457) 1998-08-21
[30] US (09/377,081) 1999-08-19

[21] **2,340,471**
[13] A1

[51] **Int.Cl. 7C07D 305/14 7C12N 9/00 7C12P 17/02**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF C-4 DEACETYLTAXANES**
[54] **PROCEDE DE PREPARATION DE C-4 DEACETYLTAXANES**
[72] PATEL, RAMESH N., US
[72] HANSON, RONALD L., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2001-02-15
[86] 1999-08-03 (PCT/US99/17547)
[87] 2000-03-02 (WO00/10989)
[30] US (60/097,028) 1998-08-18
[30] US (60/119,938) 1999-02-12

[21] **2,340,592**
[13] A1

[51] **Int.Cl. 7C12N 15/12**
[25] EN
[54] **PHELIX: A TESTIS-SPECIFIC PROTEIN EXPRESSED IN CANCER**
[54] **PHELIX: PROTEINE SPECIFIQUE DES TESTICULES EXPRIMEE DANS LE CANCER**
[72] RAITANO, ARTHUR B., US
[72] HUBERT, RENE S., US
[72] AFAR, DANIEL E., US
[71] UROGENESYS, INC., US
[85] 2001-02-26
[86] 1999-08-31 (PCT/US99/20137)
[87] 2000-03-09 (WO00/12709)
[30] US (60/098,610) 1998-08-31
[30] US (60/106,524) 1998-10-31

[21] **2,340,595**
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C12N 11/02 7A61K 38/16 7A61L 27/34 7C07K 14/36 7G01N 33/48 7G01N 33/531 7G01N 33/58**
[25] EN
[54] **STREPTAVIDIN MUTANTS HAVING SECONDARY FUNCTIONAL DOMAINS**
[54] **MUTANTS DE STREPTAVIDINE COMPORTANT DES DOMAINES FONCTIONNELS SECONDAIRES**
[72] MCDEVITT, TODD C., US
[72] NELSON, KJELL E., US
[72] STAYTON, PATRICK S., US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2001-02-23
[86] 1999-08-25 (PCT/US99/19481)
[87] 2000-03-02 (WO00/11152)
[30] US (60/097,816) 1998-08-25

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,340,616 [13] A1</p> <p>[51] Int.Cl. 7C07H 21/04 [25] EN [54] SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM [54] PROTEINES SECRETEES ET POLYNUCLEOTIDES CODANT POUR CES PROTEINES [72] HALL, JEFF, US [72] HOFFMAN, HEIDI, US [72] VALENZUELA, DARIO, US [72] YUAN, OLIVE, US [72] RAPIEJKO, PETER, US [71] ALPHAGENE, INC., US [85] 2001-02-23 [86] 1999-08-24 (PCT/US99/19351) [87] 2000-03-02 (WO00/11015) [30] US (60/097,638) 1998-08-24 [30] US (60/097,659) 1998-08-24 [30] US (60/099,618) 1998-09-09 [30] US (60/102,092) 1998-09-28 [30] US (60/109,978) 1998-11-25 [30] US (60/113,645) 1998-12-23 [30] US (60/113,646) 1998-12-23 [30] US (09/379,246) 1999-08-23</p>	<p style="text-align: right;">[21] 2,340,662 [13] A1</p> <p>[51] Int.Cl. 7C08L 23/04 7C08L 23/06 7C08L 23/08 7C08J 5/18 [25] EN [54] BLENDS CONTAINING LINEAR LOW DENSITY POLYETHYLENE, HIGH DENSITY POLYETHYLENE, AND LOW DENSITY POLYETHYLENE PARTICULARLY SUITABLE FOR EXTRUSION COATING AND FILMS [54] MELANGE A BASE DE POLYETHYLENE BASSE DENSITE LINEAIRE, DE POLYETHYLENE HAUTE DENSITE, ET DE POLYETHYLENE BASSE DENSITE CONVENANT PARTICULIEREMENT AUX REVETEMENT PAR EXTRUSION DE FILMS [72] GILLESPIE, BRUCE ALEXANDER, US [72] EDWARDS, RAY, US [72] FARNHAM, DIANE HINES, US [71] EASTMAN CHEMICAL COMPANY, US [85] 2001-02-15 [86] 1999-08-16 (PCT/US99/18605) [87] 2000-03-02 (WO00/11075) [30] US (60/096,995) 1998-08-18 [30] US (09/291,793) 1999-04-14</p>	<p style="text-align: right;">[21] 2,340,669 [13] A1</p> <p>[51] Int.Cl. 7B22F 9/14 7B01J 19/08 [25] EN [54] METHOD AND TRANSFERRED ARC PLASMA SYSTEM FOR PRODUCTION OF FINE AND ULTRAFINE POWDERS [54] PROCEDE ET SYSTEME DE PLASMA A ARC TRANSFERE POUR LA PRODUCTION DE POUDRES FINES ET ULTRA-FINES [72] CELIK, CESUR, CA [72] ADDONA, TONY, CA [72] DAVIS, H. JOHN, CA [72] BOULOS, MAHER I., CA [72] CHEN, GANGQIANG, CA [71] NORANDA INC., CA [85] 2001-02-15 [86] 1999-08-16 (PCT/CA99/00759) [87] 2000-03-02 (WO00/10756) [30] US (09/136,043) 1998-08-18</p>
<p style="text-align: right;">[21] 2,340,659 [13] A1</p> <p>[51] Int.Cl. 7A61B 19/00 7B08B 9/02 [25] EN [54] ENDOSCOPE CLEANING DEVICE [54] DISPOSITIF DE NETTOYAGE D'ENDOSCOPE [72] KRITZLER, STEVEN, AU [71] NOVAPHARM RESEARCH (AUSTRALIA) PTY. LTD., AU [85] 2001-02-15 [86] 1999-08-19 (PCT/AU99/00669) [87] 2000-03-02 (WO00/10476) [30] AU (PP5370) 1998-08-20</p>	<p style="text-align: right;">[21] 2,340,665 [13] A1</p> <p>[51] Int.Cl. 7G01N 33/52 7G01N 31/22 [25] EN [54] METALLIC OVERCOATING AS A LIGHT ATTENUATING LAYER FOR OPTICAL SENSORS [54] REVETEMENT METALLIQUE DE COUVERTURE FAISANT OFFICE DE COUCHE D'ATTENUATION DE LA LUMIERE POUR CAPTEURS OPTIQUES [72] SULLIVAN, KEVIN J., US [72] COLLINS, THOMAS C., US [72] SLOVACEK, RUDOLF E., US [71] BAYER CORPORATION, US [85] 2001-02-15 [86] 1999-08-19 (PCT/IB99/01446) [87] 2000-03-02 (WO00/11471) [30] US (09/137,728) 1998-08-21</p>	<p style="text-align: right;">[21] 2,340,750 [13] A1</p> <p>[51] Int.Cl. 7H01T 13/20 [25] EN [54] SPARK PLUG [54] BOUGIE [72] KRUPA, ROBERT, US [72] LULAVAGE, CHESTER C., US [71] CENTURY DEVELOPMENT INTERNATIONAL, LTD., US [85] 2001-02-16 [86] 1999-08-10 (PCT/US99/18115) [87] 2000-03-02 (WO00/11767) [30] US (09/135,897) 1998-08-18</p>
		<p style="text-align: right;">[21] 2,340,769 [13] A1</p> <p>[51] Int.Cl. 7H04Q 11/04 [25] EN [54] ERROR DETECTION IN A COMMUNICATION DEVICE [54] DETECTION D'ERREURS DANS UN SYSTEME DE COMMUNICATION [72] WALDHAUSER, RICHARD, DE [72] SANDER, HORST, DE [72] STELZI, RUDOLF, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-02-15 [86] 1999-08-02 (PCT/DE99/02390) [87] 2000-03-02 (WO00/11905) [30] DE (198 37 245.0) 1998-08-17</p>

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[21] **2,340,785**
[13] A1
[51] **Int.Cl. 7C12N 15/61 7C12N 1/21
7C07K 16/40 7A61K 38/43 7C12N 9/90**
[25] EN
[54] **CYCLOPHILIN-TYPE PEPTIDYL-
PROLYL CIS/TRANS ISOMERASE**
[54] **PEPTIDYL-PROLYL CIS/TRANS
ISOMERASE, DU TYPE**
CYCLOPHILINE
[72] PATTERSON, CHANDRA, US
[72] GUEGLER, KARL J., US
[72] CORLEY, NEIL C., US
[72] HILLMAN, JENNIFER L., US
[71] INCYTE PHARMACEUTICALS, INC.,
US
[85] 2001-02-15
[86] 1999-08-13 (PCT/US99/18020)
[87] 2000-03-02 (WO00/11194)
[30] US (09/136,442) 1998-08-19

[21] **2,340,786**
[13] A1
[51] **Int.Cl. 7A61K 39/00 7A61K 38/00
7C07K 1/00 7C07K 14/47**
[25] EN
[54] **VACCINE COMPRISING
CYTOKINE-INDUCED HEAT SHOCK
PROTEINS (HSP)**
[54] **VACCIN CONTENANT DES
PROTEINES DE CHOC THERMIQUE
(HSP) INDUITES PAR DES CYTOKINES**
[72] COLACO, SUSANNA MARY, GB
[72] COLACO, CAMILO ANTHONY LEO
SELWYN, GB
[71] IMMUNOBIOLOGY LIMITED, GB
[85] 2001-02-16
[86] 1999-08-19 (PCT/GB99/02607)
[87] 2000-03-02 (WO00/10597)
[30] GB (9818133.2) 1998-08-19

[21] **2,340,787**
[13] A1
[51] **Int.Cl. 7C07K 16/12 7A61K 39/00
7A61K 39/40 7G01N 33/68**
[25] EN
[54] **AN ANTI-CYANOVIRIN
ANTIBODY WITH AN INTERNAL
IMAGE OF GP120, A METHOD OF USE
THEREOF, AND A METHOD OF USING
A CYANOVIRIN TO INDUCE AN
IMMUNE RESPONSE TO GP120**
[54] **ANTICORPS ANTICYANOVIRINE
A IMAGE INTERNE DE GP120,
PROCEDE D'UTILISATION, ET
PROCEDE RELATIF A L'UTILISATION
D'UNE CYANOVIRINE POUR INDUIRE
UNE REPOSE IMMUNITAIRE A LA
GP120**
[72] BOYD, MICHAEL R., US
[71] THE GOVERNMENT OF THE
UNITED STATES OF AMERICA,
REPRESENTED BY THE SECRE, US
[85] 2001-02-19
[86] 1999-08-19 (PCT/US99/18975)
[87] 2000-03-02 (WO00/11036)
[30] US (09/136,594) 1998-08-19

[21] **2,340,790**
[13] A1
[51] **Int.Cl. 7C12N 15/25 7A61P 29/00
7A61P 37/04 7A61K 38/20 7C07K 16/24
7C07K 14/545**
[25] EN
[54] **HUMAN IL-1 EPSILON DNA AND
POLYPEPTIDES**
[54] **ADN HUMAIN IL-1 EPSILON ET
POLYPEPTIDES**
[72] SMITH, DIRK E., US
[72] SIMS, JOHN E., US
[71] IMMUNEX CORPORATION, US
[85] 2001-02-20
[86] 1999-08-20 (PCT/US99/18771)
[87] 2000-03-02 (WO00/11174)
[30] US (60/097,413) 1998-08-21
[30] US (60/098,595) 1998-08-31
[30] US (60/099,974) 1998-09-11

[21] **2,340,857**
[13] A1
[51] **Int.Cl. 7A01H 5/00 7A01H 5/10
7C12N 5/14 7C12N 15/29 7C12N 15/52
7C12N 15/82**
[25] EN
[54] **MANIPULATION OF
TOCOPHEROL LEVELS IN
TRANSGENIC PLANTS**
[54] **MANIPULATION DES TAUX DE
TOCOPHEROLS CHEZ LES PLANTES
TRANSGENIQUES**
[72] SHINTANI, DAVID K., US
[72] DELLAPENNA, DEAN, US
[71] UNIVERSITY OF NEVADA, US
[85] 2001-02-26
[86] 1999-08-25 (PCT/US99/19483)
[87] 2000-03-02 (WO00/10380)
[30] US (60/097,863) 1998-08-25

[21] **2,340,884**
[13] A1
[51] **Int.Cl. 6C07H 21/04**
[25] EN
[54] **49 HUMAN SECRETED PROTEINS**
[54] **49 PROTEINES HUMAINES
SECRETÉES**
[72] RUBEN, STEVEN M., US
[72] ROSEN, CRAIG A., US
[72] OLSEN, HENRIK S., US
[72] MOORE, PAUL A., US
[72] SHI, YANGGU, US
[72] SOPPET, DANIEL R., US
[72] LAFLEUR, DAVID W., US
[72] FLORENCE, KIMBERLY A., US
[72] DUAN, ROXANNE D., US
[72] EBNER, REINHARD, US
[72] ENDRESS, GREGORY A., US
[72] KOMATSOULIS, GEORGE, US
[71] HUMAN GENOME SCIENCES, INC.,
US
[85] 2001-02-23
[86] 1999-08-24 (PCT/US99/19330)
[87] 2000-03-02 (WO00/11014)
[30] US (60/097,917) 1998-08-25
[30] US (60/098,634) 1998-08-31

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[21] **2,337,605**

[13] A1

[51] **Int.Cl. 7G10H 7/00 7A63F 13/00**

[25] EN

[54] **SOUND PROCESSING APPARATUS**

[54] **APPAREIL DE TRAITEMENT DE SONS**

[72] TAKAHASHI, KATSUNORI, JP

[71] HUDSON SOFT CO. LTD., JP

[22] 1993-09-17

[43] 1994-04-02

[62] 2,106,442

[30] JP (4-284988) 1992-10-01

[30] JP (4-284989) 1992-10-01

[30] JP (4-284990) 1992-10-01

[30] JP (4-293768) 1992-10-07

[21] **2,337,907**

[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/26**

[25] EN

[54] **MULTIPLE VIRTUAL ROUTER**

[54] **ROUTEUR VIRTUEL MULTIPLE**

[72] PEGRUM, SCOTT, CA

[72] ANTINUCCI, ENRICO, CA

[71] NORTEL NETWORKS LIMITED, CA

[22] 1998-12-08

[43] 1999-06-23

[62] 2,255,294

[30] US (08/996,934) 1997-12-23

[21] **2,339,311**

[13] A1

[51] **Int.Cl. 7B01J 23/755 7B01J 37/18**

[25] EN

[54] **PROCESS FOR PREPARING IMPROVED NICKEL CATALYSTS FOR USE IN HYDROGENATION REACTIONS**

[54] **PROCEDE POUR PREPARER DES CATALYSEURS DE NICKEL AMELIORES POUR UTILISATION DANS DES REACTIONS D'HYDROGENATION**

[72] KAO, JUNAN, US

[72] SHUMATE, ROBERT EDWARD, US

[72] GARBER, KEVIN LEE, US

[72] VANDIEST, SCOTT ALAN, US

[72] SCHEIBEL, JEFFREY JOHN, US

[72] STARK, CYNTHIA MARIE, US

[72] SEVERSON, ROLAND GEORGE JR., US

[71] THE PROCTER & GAMBLE COMPANY, US

[22] 1992-07-20

[43] 1993-02-18

[62] 2,114,106

[30] US (736,172) 1991-07-26

[30] US (820,712) 1992-01-14

[30] US (907,382) 1992-07-08

[21] **2,339,557**

[13] A1

[51] **Int.Cl. 7B32B 7/12 7B32B 15/04**

[25] EN

[54] **LAMINATE HAVING SHAPABILITY**

[54] **LAMINE MALLEABLE**

[72] SHERIDAN, WILLIAM M., US

[72] RAGLAND, RAYMOND E., US

[72] RAGLAND, G. WILLIAM, US

[72] BARNARD, BOYD A., US

[71] ATD CORPORATION, US

[22] 1991-01-22

[43] 1991-07-25

[62] 2,074,251

[30] US (468,425) 1990-01-22

[30] US (542,131) 1990-06-22

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HALEY, EDMUND JOSEPH	2,323,185	ILLINOIS TOOL WORKS INC.	2,317,226	KOCHANSKI, GREGORY P.	2,322,254
HALLETT, CHESTER W.	2,323,340	ILLINOIS TOOL WORKS INC.	2,317,877	KOEGLER, WILLIAM A.	2,323,270
HALM, HENRY	2,318,020	ILLINOIS TOOL WORKS INC.	2,318,022	KOJFMAN, RICK	2,319,982
HALM, HENRY	2,323,266	INGERSOLL-RAND		KOKKO, BRUCE J.	2,323,332
HAMPL, VLADIMIR JR.	2,323,974	ARCHITECTURAL		KOPPIKER, NANDAN	
HARPER, EILEEN SCHAFER	2,286,945	HARDWARE GROUP		PARMANAND	2,323,839
HARPER, WILLIAM	2,287,794	LIMITED	2,320,662	KOREA ADVANCED	
HART, ROY L.	2,323,355	INGRIM, MICHAEL E.	2,320,505	INSTITUTE OF SCIENCE	
HARTJES, TIMOTHY P.	2,323,341	INOMATA, HIROYUKI	2,323,295	AND TECHNOLOGY	2,323,314
HATANAKA, HIDEKATSU	2,323,735	INTERKAL, INC.	2,323,271	KORNESKI, BRENDAN	2,285,885
HATCHIGUIAN, JOSEPH	2,323,935	INTERLOCK GROUP LIMITED	2,323,397	KOYAMA, SHIGERU	2,323,384
HAYDEN, MICHAEL WAYNE	2,323,282	INTERLOCK GROUP LIMITED	2,324,035	KOYAMA, SHIGERU	2,323,386
HAYDUKE, NICHOLAS	2,311,224	INTERNATIONAL BUSINESS		KOYAMA, SHIGERU	2,323,387
HEBCO INTERNATIONAL		MACHINES		KRAFT FOODS HOLDINGS,	
INC.	2,287,047	CORPORATION	2,313,551	INC.	2,323,423
HEBCO INTERNATIONAL		INTERNATIONAL BUSINESS		KRAFT FOODS, INC.	2,323,411
INC.	2,300,602	MACHINES		KRAFT FOODS, INC.	2,323,415
HENINGER, IVAN M.	2,317,082	CORPORATION	2,317,082	KRAUS, RICHARD B.	2,323,294
HENKEL		INVENTIO AG	2,323,931	KREBS, ROBERT J.	2,323,565
KOMMANDITGESELLSC		IPSCO INC.	2,286,956	KREISER, LIESE	2,323,954
HAFT AUF AKTIEN	2,323,780	ISG TECHNOLOGIES, INC.	2,286,447	KREPOSTER, ALEXANDER	
HENKEL		ISINGER, BERND	2,318,670	SASHA	2,287,028
KOMMANDITGESELLSC		J.M. HUBER CORPORATION	2,323,289	KRESNYAK, STEVE	2,305,118
HAFT AUF AKTIEN	2,324,070	JENSEN, WILLIAM L., JR.	2,291,933	KRILL, STEFFEN	2,323,301
HENLEX INC.	2,286,966	JIN, GARY Q.	2,322,596	KROSSOY, BJORN	2,321,437
HERBER, LINDA M.	2,323,565	JIN, KATHY LIUHUI	2,321,389	KRUEGER INTERNATIONAL,	
HEWMAN, MARTIN H.	2,323,259	JIN, SUNGHO	2,322,254	INC.	2,322,095
HEYWOOD, MICHAEL JOHN	2,323,919	JIN, SUNGHO	2,323,025	KRUSE, HANS-FRIEDRICH	2,324,070
HILL, KENNETH O.	2,287,137	JOHNSON, DERWYN C.	2,287,137	KUCIREK, DAVID A.	2,323,565
HILLAM, DAVID NORMAN	2,287,559	J-STAR INDUSTRIES, INC.	2,323,291	KUWANO, TOSHIAKI	2,315,498
HILPERT, HANS	2,323,311	JUDD, MANO D.	2,322,255	KWILOSZ, MARK J.	2,317,192
HMS PRODUCTS, CO.	2,323,317	JUDGE, RUPINDER	2,322,238	LABUGGER, RALF	2,297,361
HO, JING-YUAN	2,286,954	JULIANELLE, RUTH A.		LACONTE, PETER KEITH	2,322,413
HO, JING-YUAN	2,286,955	MACHELL	2,313,551	LACROIX, JEAN-MICHEL	2,317,789
HOGUE, ROSS	2,285,885	JUSTINIANO, JOSEPH G.	2,323,219	L'AIR LIQUIDE, SOCIETE	
HOKE, BRYAN CLAIR JR.	2,323,032	JUSTINIANO, JOSEPH G.	2,323,283	ANONYME POUR	
HOLMES, KIM B.	2,323,186	KABUSHIKI KAISHA KOBE		L'ETUDE ET	
HOLSTEN, STUART V.	2,323,402	SEIKO SHO ALSO		L'EXPLOITATION DES	
HOMMES, PETER	2,323,719	KNOWN AS KOBE		PROCED	2,318,651
HONDA GIKEN KOGYO		STEEL, LTD.	2,322,935	LAJOIE, GILLES ANDRE	2,285,673
KABUSHIKI KAISHA	2,322,257	KABUSHIKI KAISHA		LAM, PETER AR-FU	2,304,427
HONDA GIKEN KOGYO		TOSHIBA	2,323,659	LAMONTAGNE, DANIEL	2,286,442
KABUSHIKI KAISHA	2,323,383	KAHN, WILLIAM C.	2,297,695	LAMOTHE, JEAN-PIERRE	2,287,047
HONDA GIKEN KOGYO		KAIN, KEVIN C.	2,289,365	LAMOTHE, JEAN-PIERRE	2,300,602
KABUSHIKI KAISHA	2,323,384	KARL, ALFONS	2,323,303	LANDOLL CORPORATION	2,317,375
HONDA GIKEN KOGYO		KAWAHARA, KAZUO	2,321,391	LANDOLL, DONALD R.	2,317,375
KABUSHIKI KAISHA	2,323,386	KAWAHARA, TATSUYA	2,321,391	LANDSBERGER, DAVID	2,322,108
HONDA GIKEN KOGYO		KEELER, CHARLES H.	2,313,551	LANTIEGNE, BERNARD	2,323,778
KABUSHIKI KAISHA	2,323,387	KEMPEN, CARINNE	2,318,651	LAROYE, STEPHANE	2,318,651
HOPE, STEPHEN ROSS	2,287,559	KERR, CLAIRE TALKIN	2,322,413	LE BAIL, DANIEL	2,321,360
HORIUCHI, AYUMI	2,323,835	KHANINE, DMITRI	2,286,534	LEE, JIN SOO	2,323,347
HOROVITZ, EITAN	2,285,895	KHANINE, DMITRI	2,323,327	LEFRANCOIS, GILBERT	2,323,987
HORSFIELD, BRIAN C.	2,316,668	KHATTAB, MOHAMED A.	2,286,991	LEGRAND	2,323,133
HOU, SSUJAN	2,320,592	KIDOKORO, TERUHISA	2,323,386	LEGRAND	2,323,135
HOWMEDICA OSTEONICS		KILTIE CORP.	2,313,061	LEGRAND	2,323,136
CORPORATION	2,321,354	KILTIE CORP.	2,313,062	LEGRAND	2,323,705
HSUEH, TA-WEI	2,286,955	KIM, JIN PIL	2,323,647	LEGRAND SNC	2,323,133
HUBNER, FRANK	2,323,301	KIM, JUNGSANG	2,322,978	LEGRAND SNC	2,323,135
HUGHES, JOHN E.	2,323,122	KIM, JUNGSANG	2,323,025	LEGRAND SNC	2,323,136
HUTHMACHER, KLAUS	2,323,301	KIM, JUNGSANG	2,323,189	LEGRAND SNC	2,323,705
HYDRIL COMPANY	2,323,401	KIMURA, TATSUJI	2,321,266	LEICHTER, STEVEN B.	2,323,839
IBM CANADA LIMITED-IBM		KING, LINDSAY		LEJEUNE, PHILIPPE	2,324,055
CANADA LIMITEE	2,285,877	ALEXANDER	2,323,121	LELONG, CHRISTIAN	2,321,360

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LEO, MICHAEL F.	2,320,592	MASSENGILL, R. KEMP	2,323,685	NEC CORPORATION	2,323,656
LEU, YI-JING	2,286,955	MASSON, MARTIN	2,321,354	NEC CORPORATION	2,323,702
LEUNG, THOMAS	2,285,890	MATHIAS, JOHANN	2,323,303	NELES PAPER AUTOMATION	
LEVITON MANUFACTURING		MATTEL, INC.	2,323,118	OY	2,323,991
CO., INC.	2,323,219	MATTHEWS, ED	2,286,823	NELSON, BRIAN	2,286,956
LEVITON MANUFACTURING		MAXWELL, PAUL BRYAN	2,320,030	NEMOTO, HIROSHI	2,323,220
CO., INC.	2,323,283	MCCLURE, RICHARD J.	2,323,685	NEVEROVA, IRENA	2,297,361
LEWIS, GARY	2,324,046	McCRINDLE, DEAN		NGK INSULATORS, LTD.	2,323,220
LEWIS, ROBERT D.	2,323,340	RICHARD	2,287,120	NGUYEN, MY T.	2,286,446
LG ELECTRONICS INC.	2,323,347	MCDOWELL, RICHARD		NGUYEN, NGOC-TUAN	2,321,360
LG ELECTRONICS INC.	2,323,647	LAWRENCE	2,322,087	NICHOLSON, MYRON	
LI, QIMING	2,323,234	MCKAY, JAMES JOSEPH	2,322,385	DONALD	2,308,906
LI, YUNZHOU	2,322,976	MCKNIGHT, DAVID K.	2,285,877	NIENOW, LANCE R.	2,323,565
LIETZMANN, ANDREAS	2,324,070	McNAIR, JOHN DUNCAN	2,318,646	NIGRIN, JAN	2,286,522
LIEVRE, KEVIN ALAN	2,323,032	MEDNOVUS, INC.	2,323,685	NIPPON CHEMICAL PLANT	
LILA, CHRISTINE	2,323,707	MEIER, HANS-RUDOLF	2,323,319	CONSULTANT CO., LTD.	2,323,728
LILJENQVIST, ULF	2,318,020	MENARD, ERIC	2,323,987	NIPPON SHEET GLASS CO.,	
LIN, FU-SAN	2,286,954	MENTZER, MATTHEW JAY	2,323,948	LTD.	2,323,295
LIN, FU-SAN	2,286,955	MERKS, EDUARDUS A. T.	2,285,877	NIPPON ZOKI	
LIN, KUNG HUEI	2,286,951	MEYER, GEORGE	2,286,930	PHARMACEUTICAL CO.,	
L'OREAL	2,323,138	MEYER, GEORGE	2,287,154	LTD.	2,301,491
L'OREAL	2,323,945	MICHAUD, GUILLAUME	2,287,007	NISSHINBO INDUSTRIES INC.	2,323,827
L'OREAL	2,323,946	MICROJET TECHNOLOGY		NISSHINBO INDUSTRIES INC.	2,323,835
L'OREAL	2,323,951	CO., LTD.	2,286,954	NITSCHKE, GABRIELE	2,323,780
L'OREAL	2,324,034	MICROJET TECHNOLOGY		NOONAN, JAMES THOMAS	2,301,980
L'OREAL	2,324,036	CO., LTD.	2,286,955	NORDGREN, DOUGLAS S.	2,323,308
LOU, HUI-LING	2,322,715	MIHAILOV, STEPHEN J.	2,287,137	NORO, YASUHIRO	2,323,659
LUBKER, JOHN W., II	2,323,308	MIKOL, MARK CHARLES	2,323,411	NORTEL NETWORKS	
LUCENT TECHNOLOGIES		MIKOL, MARK CHARLES	2,323,423	CORPORATION	2,286,962
INC.	2,322,087	MILLTRONICS LTD.	2,286,439	NORTEL NETWORKS	
LUCENT TECHNOLOGIES		MITEK HOLDINGS, INC.	2,321,389	CORPORATION	2,322,720
INC.	2,322,238	MITEL CORPORATION	2,322,596	NORTEL NETWORKS	
LUCENT TECHNOLOGIES		MIYAZAWA, ATSUSHI	2,323,827	CORPORATION	2,322,976
INC.	2,322,254	MIZIKOVSKY, SEMYON B.	2,322,404	NORTEL NETWORKS	
LUCENT TECHNOLOGIES		MIZUNO, SEIJI	2,321,391	CORPORATION	2,323,186
INC.	2,322,404	MOCKEL, BETTINA	2,322,555	NORTEL NETWORKS	
LUCENT TECHNOLOGIES		MOLD-MASTERS LIMITED	2,286,953	CORPORATION	2,323,892
INC.	2,322,413	MONTAGNER S.A.	2,323,217	NORTHEY, WILLIAM A.	2,322,928
LUCENT TECHNOLOGIES		MOONEY, PHILIP D.	2,322,087	NORTHEY, WILLIAM A.	2,322,929
INC.	2,322,715	MOORE NORTH AMERICA,		NUTE, ERNEST B., JR.	2,323,340
LUCENT TECHNOLOGIES		INC.	2,287,793	NYBO, BARRY C.	2,328,096
INC.	2,322,723	MOORE, KELLY	2,320,505	O'CONNOLY, PATRICK	2,323,940
LUCENT TECHNOLOGIES		MOORE, STEVEN J.	2,320,505	OGATA, FUMIO	2,323,383
INC.	2,322,978	MOREL, CHARLES S.	2,323,858	OGINO, TAKASHI	2,301,491
LUCENT TECHNOLOGIES		MORGAN, ROGER E.	2,286,925	OHSAWA, NAOKI	2,322,257
INC.	2,323,025	MORIMOTO, YU	2,321,391	OLDEN, MARC	2,321,389
LUCENT TECHNOLOGIES		MORIN, BRUNO	2,323,602	OLDENBURG CANNON, INC.	2,323,845
INC.	2,323,189	MORITA, YOSHITSUGU	2,321,329	OLEN, MARKUS	2,323,719
LUCENT TECHNOLOGIES		MORITA, YOSHITSUGU	2,323,735	OLOFSSON, LENNART	2,323,190
INC.	2,323,375	MORIYAMA, HIROSHI	2,323,383	OMURO, NORIHIKO	2,323,652
LUGINSLAND, HANS-		MORRISON, WARD D.	2,323,845	ORIRAN, T. PHILIPS	2,323,332
DETLEF	2,323,841	MOSDAL, BRIAN THOMAS	2,301,980	OSTERHOUT, GREGORY T.	2,323,186
LUNDBERG, CHRIS A.	2,323,401	MOSSER, MARK F.	2,323,122	OTTO MANNER	
LUU, NGA THUY	2,323,332	MOU, TSE-CHI	2,286,954	HEISSKANALSYSTEME	
MAEDA, TOMOHIKO	2,322,257	MOU, TSE-CHI	2,286,955	GMBH & CO. KG	2,322,354
MAKI, TAKASHI	2,323,827	MOUNT, RANDY A.	2,320,022	OUELLET, JOCELYN	2,287,007
MAKINO, HIROYUKI	2,323,386	MUNZENBERG, JORG	2,323,841	OWENS, DAVID M.	2,320,505
MANTOVANI, ALBERTO	2,322,115	MURAKAMI, YASUHIRO	2,315,498	OZAKI, KOICHI	2,321,329
MANTOVANIBENNE S.R.L.	2,322,115	MUSSCHOOT, PAUL	2,323,294	PACCAR INC.	2,297,695
MARCONI ELECTRONIC		MYERS, RONALD E.	2,323,122	PACTIV CORPORATION	2,323,308
SYSTEMS LIMITED	2,309,493	NACKER, WAYNE E.	2,321,514	PAOLITTO, ANTHONY	2,286,929
MARSH, THOMAS R.	2,288,464	NATIONAL STEEL CAR		PARK, CHUL MIN	2,323,314
MARTEL, FLORIAN	2,290,172	LIMITED	2,286,991	PARKER, PAUL DAVID	2,301,980
MARTIN, MICHAEL D.	2,323,858	NATIONAL-STANDARD		PASS & SEYMOUR, INC.	2,311,224
MARTIN, MICHAEL F.	2,323,402	COMPANY	2,323,853	PASS & SEYMOUR, INC.	2,323,858

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PATTERSON, RICHARD L.	2,323,271	SAMSON, MARC	2,287,356	STOESZ, CARL W.	2,323,405
PAYNE, DAVID ALAN	2,301,980	SAMSON, MARC	2,287,789	ST-PIERRE, SERGE A.	2,286,922
PAZZUCONI, GIANNINO	2,323,305	SANDFORD, PETER E.	2,286,981	STRAND, TODD P.	2,313,061
PELLINEN, KARI	2,323,991	SANDFORD, PETER E.	2,287,035	STRAND, TODD P.	2,313,062
PENG, LI-HSING	2,286,955	SANICOLA, STEVEN	2,322,385	STURM, MARIO	2,324,070
PEREGO, CARLO	2,323,305	SATOU, SIN	2,323,702	SUNDBERG, CARL-ERIK WILHELM	2,322,715
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PETER, RAINER	2,323,301	SCHAFFER, BERND	2,318,020	SUZUKI, TAKASHI	2,323,383
PFIZER INC.	2,323,839	SCHAFFER, BERND	2,323,266	SWOBODA, DEAN P.	2,323,341
PFIZER PRODUCTS INC.	2,323,315	SCHAFFER, MARY A.	2,313,551	SZULCZEWSKI, DANIEL D.	2,323,565
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PLOTTS, ALAN EDWARD	2,323,185	SCHMELZER, MICHAEL A.	2,323,341	TAUBER, GERD	2,323,303
POLASEK, MARTIN	2,286,522	SCHMITT, KARL R.	2,314,797	TECHNOLOGICAL RESOURCES PTY. LTD.	2,323,272
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PORTNOY, NORMAN ABBYE	2,308,906	SCHOCH, DANIEL A.	2,323,224	TETSUMOTO, MASAHIKO	2,322,935
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PREMARK RWP HOLDINGS, INC.	2,320,505	SCHOCH, DANIEL A.	2,323,227	THE GOODYEAR TIRE & RUBBER COMPANY	2,320,030
PRIME PERFORATING SYSTEMS LIMITED	2,323,379	SCHOCH, DANIEL A.	2,323,247	THE MINSTER MACHINE COMPANY	2,323,224
PROLASER LTD.	2,323,672	SCHOCH, DANIEL A.	2,323,380	THE MINSTER MACHINE COMPANY	2,323,225
PROSEUS VIRIDIS RESEARCH INC.	2,286,922	SCHOCH, DANIEL A.	2,323,755	THE MINSTER MACHINE COMPANY	2,323,227
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PULASKI, DORIS P.	2,313,551	SCHOFFRO, DAVID J.	2,286,942	THE MINSTER MACHINE COMPANY	2,323,380
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RENRARD, PIERRE	2,323,720	SERGHIDES, LENA	2,289,365	THOMAS, YANNIG	2,322,308
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ROHM AND HAAS COMPANY	2,321,514	SHINODA, AKIHISA	2,323,383	RODNEY JR.	2,320,505
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unknown	2,286,524	YOUNG, JEFFREY L.	2,323,402
UROS, RAYMOND	2,323,990	YU, EUN YOUNG	2,307,950
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VALENTINI, VALERIO	2,286,929	ZEZULKA, GERD RAINHARD	2,323,841
VAN DE POEL, HERVE	2,323,720	ZHU, WEI	2,322,254
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VAN LEEKWIJCK, WERNER		ZIEGLER, GERALD A.	2,316,668
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VANDERSTRAETEN, HANS	2,322,993		
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CREANOVA INC.	2,338,768	DORAK, JOHN, JR.	2,338,414	EURO FUELSAVER SRL	2,338,700
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CROSSKEYS SYSTEMS CORPORATION	2,338,937	DR. WOLMAN GMBH	2,338,569	EVANS, MARGARET DIANA MACRAE	2,338,033
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CYBIO SCREENING GMBH	2,337,881	DRY, RODNEY JAMES	2,338,592	EWBANK, ERIC	2,338,372
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		DUPONT, ERIC	2,338,068	FELSEN, BELLA	2,338,201
		DUTT, BIRENDRA	2,338,027	FERNZ TIMBER PROTECTION LIMITED	2,338,400
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LAISY, GARY A.	2,340,387	LYNCH, ROBERT D.	2,338,496	MCQUISTIAN, KEVIN M.	2,338,132
LAMANNA, WILLIAM M.	2,340,379	M&E BIOTECH A/S	2,335,343	MECHANICAL PLASTICS CORP.	2,337,157
LAMBERT, ROBERT	2,338,962	MACIEJEWSKI, JAMES		MEDINA, CESAR	2,338,414
LAND O'LAKES, INC.	2,338,736	THOMAS	2,338,587	MEDITRON AS	2,338,748
LANIER, THIERRY	2,338,177	MACINTOSH, CHARLES M. JR.	2,338,770	MEGAN HEALTH, INC.	2,338,551
LANOUE, THOMAS J.	2,338,237	MADONNA, ANGELO J.	2,338,673	MEGAN HEALTH, INC.	2,338,555
LAPIDOT, TSVEE	2,336,490	MADUSKUIE, THOMAS P.	2,338,944	MEHRENS, DOROTHY	2,337,496
LAPRIE, ALAIN	2,338,030	MAESTRO, MICHEL	2,338,176	MEHTA, ANITA	2,338,317
LARRANAGA, JAVIER IGNACIO	2,338,084	MAGDOLEN, VIKTOR	2,338,073	MEIER, BJORN	2,338,604
LARSEN, HENRIK	2,338,629	MAGNA INTERIOR SYSTEMS		MEIER, CHRISTIAN	2,338,750
LARSON, NIELS J.	2,337,495	INC.	2,338,514	MEISEL, JAMES A.	2,337,525
LARSSON, ERIK	2,338,395	MAGNA INTERIOR SYSTEMS		MEK SECURITIES LLC	2,338,145
LARSSON, ERIK	2,338,544	INC.	2,340,051	MELLIS, JAY	2,338,511
LARSSON, JOHAN	2,338,696	MAGYAR, JOSEPH J.	2,338,514	MENA, RENZO	2,338,205
LASER TECHNOLOGY, INC.	2,338,647	MAHONEY, DEREK DWAYNE	2,338,950	MENDELSON, ASSAF	2,338,083
LATCHMAN, DAVID SEYMOUR	2,336,592	MAJKRZAK, GERALD A.	2,338,294	MENDEZ, MICHAEL	2,336,590
LATTER, TERESA FARIAS	2,338,587	MAKHTESHIM CHEMICAL		MENDONCA SANTOS, PEDRO	2,336,107
LAWRENCE, BRIAN L.	2,338,437	WORKS LTD.	2,338,718	MERCK & CO., INC.	2,336,448
LAZAREVIC, ZORAN	2,338,423	MALASHKEVICH, VLADIMIR	2,338,022	MERCK & CO., INC.	2,338,220
LEA, JAMES M.	2,338,763	MALIK, DALE W.	2,338,085	MERCK & CO., INC.	2,338,275
LEDERMAN, SETH	2,338,326	MALONEY, MICHAEL P.	2,338,265	MERCK FROSST CANADA &	
LEDERMAN, SETH	2,338,327	MALONEY, MICHAEL P.	2,338,393	CO.	2,338,643
LEDERMAN, SETH	2,338,330	MAMMANA, CARLOS I. Z.	2,336,107	MEREDITH, NEIL	2,338,268
LEE, DANIEL W.	2,340,470	MANN, MICHAEL J.	2,338,032	MERRILL, BRYON A.	2,338,504
LEE, JEONG HEE	2,336,227	MANNESMANN REXROTH AG	2,338,613	MESIBO A/S	2,338,604
LEE, JOHN S.	2,337,966	MANNESMANN REXROTH AG	2,338,739	METABOLIX, INC.	2,338,090
LEE, KYEONGHO	2,338,564	MANNING, WILLIAM R.	2,339,069	METHMANUS-SPALTRO,	
LEE, YUNG-LYUL	2,338,939	MANTOOTH, JAMES A.	2,338,375	SUREE	2,338,754
LEEDOM, MARVIN ALLAN	2,338,950	MANTRIPRAGADA,		METTLER, JOHANNES	2,338,313
LEHMAN, CHRISTOPHER	2,338,414	SANKARAM BHIMA	2,338,031	MEYER, MICHAEL D.	2,338,594
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LEONE-BAY, ANDREA	2,338,419	MARELLI, PAOLO	2,338,142	TECHNIQUE S.A.	2,338,175
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LESSARD, DENIS	2,338,068	MARSHALL, CONNIE T.	2,339,470	PHARMACEUTICALS, INC.	2,336,530
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LINDAHL, RICHARD W.	2,338,601	MASSCHELEIN, AXEL	2,338,791	COMPANY	2,338,062
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MOSS, JOHN WESLEY	2,338,587	NOVARTIS AG	2,337,904	PELLACINI, FRANCO	2,337,954
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NAKAHAMA, KAZUO	2,334,942	OLIVER, RICHARD	2,338,521	PHAM, PHAT T.	2,340,379
NAKAMOTO, MICHINORI	2,338,221	OLMSTEAD, WILLIAM NEERGAARD	2,338,623	PHARMASONICS, INC.	2,338,396
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NAPOLETANO, MAURO	2,337,954	OOMEN, RAYMOND P.	2,336,534	PIKE, TIMOTHY J.	2,338,225
NASH, JAMES E.	2,338,522	OOMEN, RAYMOND P.	2,337,493	PILON, APRILE	2,338,299
NASH, JAMES E.	2,338,601	OOMS, PIETER	2,338,698	PIOTROWSKI, CHESTER	2,338,134
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RAYTHEON COMPANY	2,338,393	SAMSUNG ELECTRONICS CO.,		SERI, SHIGEMI	2,338,702
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RICE, MICHAEL J.	2,338,504	SAMSUNG FINE CHEMICALS		SHIMMURA, TOSHIYUKI	2,338,702
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ROHM GMBH	2,338,750	SATO, MAKOTO	2,338,221	FARMACEUTICHE	
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SINCLAIR, JOHN A.	2,338,787	SPROCK, AUGUST	2,338,743	TECHNOLOGICAL RESOURCES	
SINDZINGRE, THIERRY	2,338,181	SQUARE D COMPANY	2,338,742	PTY LTD.	2,338,592
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SIRENKO, OKSANA IVANIVNA	2,337,904	STAHL, ELKE	2,339,071	ERICSSON	2,338,067
SJURSEN, WALTER PAUL	2,338,950	STARK, KEVIN C.	2,338,744	TELEFONAKTIEBOLAGET LM	
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SLIVON, GEORGE R.	2,337,950	STAYTON, PATRICK S.	2,340,595	TELEFONAKTIEBOLAGET LM	
SLOVACEK, RUDOLF E.	2,340,665	STEELE, JOHN GERARD	2,338,033	ERICSSON	2,338,318
SMALL, GARY W.	2,340,394	STEINER, R. RICHARD	2,338,670	TELEFONAKTIEBOLAGET LM	
SMART, JOHN E.	2,338,419	STELZI, RUDOLF	2,340,769	ERICSSON	2,338,395
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SMITH, DIRK E.	2,340,790	STEPAN COMPANY	2,338,709	TELEFONAKTIEBOLAGET LM	
SMITH, JONATHAN F.	2,337,966	STEPHENSON, ROBERT J.	2,338,192	ERICSSON	2,338,696
SMITH, RAMADA S.	2,338,355	STIEHL, GABRIELE	2,337,016	TELEFONAKTIEBOLAGET LM	
SMITHKLINE BEECHAM		STOBER, BERNE KIM	2,338,377	ERICSSON	2,338,714
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CORPORATION	2,338,764	STRATOS LIGHTWAVE, INC.	2,338,477	TELEFONAKTIEBOLAGET LM	
SMITHKLINE BEECHAM		STRAUB, ALEXANDER	2,339,071	ERICSSON	2,340,162
LABORATOIRES		STUCKMAN, BRUCE EDWARD	2,338,099	TEMCO JAPAN CO., LTD.	2,338,207
PHARMACEUTIQUES	2,338,211	STURMER, RAINER	2,337,884	TEMPLETON, G. DANIEL	2,337,518
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LABORATOIRES		SUBMIN LIMITED	2,338,182	TENSYS MEDICAL, INC.	2,338,233
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SMS SCHLOEMANN-SIEMAG		SUIT, JOHN M.	2,338,265	CORPORATION	2,339,468
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SOLLNER, ROBERT	2,338,631	SYNGENTA PARTICIPATIONS		THE GOVERNMENT OF THE	
SOLOMONSON, STEVEN D.	2,338,062	AG	2,338,577	UNITED STATES OF	
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SPECTRX, INC.	2,338,203	TANNER, HOWARD	2,338,537	COMPANY	2,338,765
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