

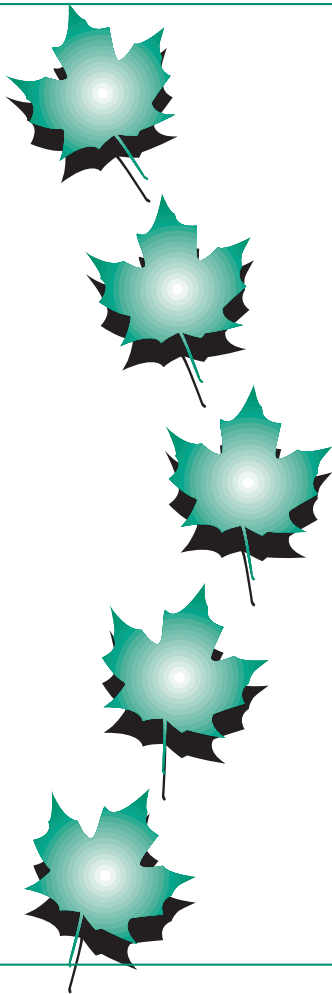


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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Canada



THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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

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

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

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

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

Avis

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

Dates

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

Chiffres de code

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

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

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

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

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

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

2. Country Codes

A complete list of country codes has been published in the April 25, 2000 issue of the Canadian Patent Office Record and will be published twice a year in the last issues of April and October.

3. Canadian Class Titles

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

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

4. Class Schedules and Definitions

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

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

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

A) Paper Copies

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

2. Codes des pays

Une liste complète des codes de pays a été publiée dans le numéro du 25 avril 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 ten dollars (\$10) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

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

E-mail: tic@micromedia.on.ca

B) Microform Copies

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

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

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

6. Orders for Patents By Class or Sub-Class

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

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

E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

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

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

7. Advice on Making a Patent Application

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

7. Conseils relatifs à la préparation de demandes de brevets

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

8. Licensing of Patents

Voluntary Licences

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

8. Octroi de licences en vertu des brevets

Licences librement accordées

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

Compulsory Licences

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

Licences obligatoires

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

9. Patents Available for Licence or Sale

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

9. Brevets disponibles pour licence ou vente

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

Notices

10. List of Patents Available for Licence or Sale

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

2,119,220

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. 1,155,600 which issued on October 17, 1983 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

12. Laid-Open Applications

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

13. Language of Published Documents

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

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

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

2,119,220

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 17 octobre 1983 sont maintenant expirés, jusque et y compris le no. 1,155,600. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

12. Demandes mises à la disponibilité du public

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

13. Langue du document publié

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

Avis

14. Patent Cooperation Treaty (PCT)

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

SCHEDULE OF FEES APPLICABLE AS OF JUNE 01, 2000

BARÈME DE TAXES À PARTIR DU 1 JUIN 2000

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee: (Rule 15.2(a)) Amount for each additional sheet over 30	630.00 15.00
3. Designation Fee: (Rule 15.2(a)) The maximum that can be charged for the Designation Fee is \$1,088.00; therefore, if more than 8 countries are designated the fee remains \$1,088.00	136.00

4. International Search Fee 1,353.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

Preliminary Examination

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

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

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

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

TAXES	MONTANTS \$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base: (Règle 15.2(a)) Montant pour chaque feuille au delà de 30	630,00 15,00
3. Taxe de désignation (par pays) (Règle 15.2(a)) Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 8 pays sont désignés, la taxe demeure 1 088,00 \$.	136,00

4. Taxe de recherche internationale 1 353,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

Examen préliminaire

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

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

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

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

Notices

15. PCT Notices

PCT Signature Requirements

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

Patent Cooperation Treaty (PCT)

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15. Avis PCT

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Avis

16.Laid-Open Applications

The Patent Office Record of October 17, 2000 contains laid-open applications from September 24, 2000 - September 30, 2000 .

16. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 24 septembre 2000 - 30 septembre 2000.

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[25] EN
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[72] Sadr, Changize, CA
[73] ABC GROUP, CA
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[54] DISPOSITIF POUR EGALISER LES
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DERIVATIVE, PRODUCTION
THEREOF, AND RADIOSENSITIZER
CONTAINING THE SAME AS ACTIVE
INGREDIENT
[54] DERIVE DE 2-NITROIMIDAZOLE,
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L'EMPLOIE COMME PRINCIPE ACTIF
[72] Suzuki, Toshimitsu, JP
[72] Sakaguchi, Masakazu, JP
[72] Miyata, Yoshiyuki, JP
[72] Suzuki, Akira, JP
[72] Mori, Tomoyuki, JP
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[54] **COMPOSES DE THIAZOLIDINE CONTENANT UN GROUPE QUINONE, LEUR PREPARATION ET LEURS UTILISATIONS A DES FINS THERAPEUTIQUES**
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[72] Nishi, Takahide, JP
[72] Kanai, Tsutomu, JP
[72] Aizawa, Yuichi, JP
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[72] Fujita, Takashi, JP
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[72] Lal, Birendra K., US
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[72] Morris, Keith Stuart, GB
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[73] Pall Corporation, US
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[72] Feindt, Hans H., US
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[54] **METHODE UTILISEE POUR RETIRER LE SOUFRE ELEMENT DE FLUIDES**
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[72] Poirier, Marc-Andre, CA
[72] Campbell, Ian D., CA
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[73] Lingner + Fischer GmbH, DE
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[86] 1992-03-21 (PCT/EP92/00645)
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[54] **PROCESS FOR PREPARING A POLYMER USING LITHIUM INITIATOR PREPARED BY IN SITU PREPARATION**
[54] **PROCEDE DE POLYMERISATION UTILISANT UN INITIATEUR AU LITHIUM PREPARE IN SITU**
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[54] **QUINOLINE OR QUINAZOLINE DERIVATIVES, THEIR PRODUCTION AND USE**
[54] **DERIVES DE LA QUINOLINE OU DE LA QUINAZOLINE, LEUR PRODUCTION ET UTILISATION**
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[13] C

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[72] Cully, Maria, DE
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[13] C

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[73] ALCATEL TELSPACE, FR
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[54] **UNITE D'AFFICHAGE COULEUR A PANNEAU D'AFFICHAGE A PLASMA**
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[73] Fujitsu General Limited, JP
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[73] JOHNSON & JOHNSON MEDICAL, INC., US
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[54] **CONSTRUCTIONS DE VECTEURS IMMUNOTHERAPEUTIQUES ANTI-CANCER**
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[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[73] PRAXAIR ST TECHNOLOGY, INC., US
[85] 1994-04-05
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[25] EN
[54] **STEEL MATERIAL FOR COLORED SPRING, METHOD FOR PRODUCING COLORED SPRING, AND COLORED SPRING**
[54] **ACIER POUR RESSORT DE COULEUR, METHODE DE FABRICATION DE RESSORTS DE COULEUR ET RESSORTS AINSI FABRIQUES**
[72] Yamada, Masao, JP
[72] Hattori, Keiji, JP
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[13] C

[51] **Int.Cl. 5H01H 37/52**
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[72] Bazin, Simone P., US
[73] GTE PRODUCTS CORPORATION, US
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[30] US (8/056,006) 1993-04-30

[11] 2,123,034
[13] C

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[25] EN
[54] **HYDROPHILIC SURFACE TREATING AQUEOUS SOLUTION, HYDROPHILIC SURFACE TREATING METHOD AND HYDROPHILIC SURFACE TREATING FILM**
[54] **SOLUTION AQUEUSE DE TRAITEMENT D'UNE SURFACE HYDROPHILE, ET METHODE ET PELLICULE POUR CE TRAITEMENT**
[72] Yamasoe, Katsuyoshi, JP
[72] Mikami, Fujio, JP
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[72] Mizohata, Kouji, JP
[73] NIPPON PAINT CO., LTD., JP
[22] 1994-05-06
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[25] EN
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[51] **Int.Cl. 6H04M 11/00 6G10L 9/00**
[25] EN
[54] **TELEPHONE NETWORK SERVICE FOR CONVERTING SPEECH TO TOUCH-TONES**
[54] **SERVICE DU RESEAU TELEPHONIQUE SERVANT A CONVERTIR LA VOIX EN SIGNAUX DE NUMEROTATION AU CLAVIER**
[72] BULFER, Andrew Frederick, US
[73] AT&T CORP., US
[85] 1997-05-20
[86] 1996-09-24 (PCT/US96/15283)
[87] (WO97/12361)
[30] US (536,296) 1995-09-29

[11] 2,206,409
[13] C

[51] **Int.Cl. 6H02P 19/02**
[25] EN
[54] **IMPROVED VARIABLE FREQUENCY DRIVE REFLECTED WAVE SUPPRESSORS**
[54] **LIMITEUR D'ONDE REFLECHIE A TELECOMMANDE PAR VARIATION DE FREQUENCE AMELIOREE**
[72] TARDIFF, Dale, CA
[72] FUNKE, James, CA
[73] Tycor International Corp., CA
[22] 1997-05-28

[11] 2,206,886
[13] C

[51] **Int.Cl. 6F16L 55/07 6E03B 7/08 6E03C 1/122**
[25] EN
[54] **WATER-ESCAPE DEVICE FOR FREEZE-PRONE WATER CONDUIT**
[54] **DISPOSITIF D'EVACUATION D'EAU POUR CONDUITE D'EAU EXPOSEE AU GEL**
[72] JANESKY, Lawrence, US
[73] JANESKY, Lawrence, US
[22] 1997-06-03
[30] US (08/658,119) 1996-06-04

[11] 2,207,527
[13] C

[51] **Int.Cl. 6B01J 35/10 6C01B 15/029 6B01J 23/38**
[25] EN
[54] **METHOD OF PRODUCING A CHEMICAL COMPOUND**
[54] **METHODE POUR PRODUIRE UN COMPOSE CHIMIQUE**
[72] WANNGARD, Johan, SE
[73] EKA CHEMICALS AB, SE
[22] 1997-06-11
[30] SE (9602484-9) 1996-06-24

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[11] **2,207,739**
[13] C

[51] **Int.Cl. 6A61B 17/064**
[25] EN
[54] **STAPLE AND THREAD ASSEMBLY PARTICULARLY FOR USE IN POWER-DRIVEN STAPLERS FOR MEDICAL SUTURING**
[54] **ENSEMBLE FIL ET AGRAFE POUR AGRAFEUSE ELECTRIQUE DE SUTURE MEDICALE**
[72] SOHN, Ze'ev, IL
[73] Influence, Inc., US
[85] 1997-06-13
[86] 1995-12-14 (PCT/US95/16344)
[87] (WO96/18352)
[30] IL (111985) 1994-12-14

[11] **2,210,475**
[13] C

[51] **Int.Cl. 6H04B 1/707 6H04B 7/216 6H04Q 7/22**
[25] EN
[54] **RECEPTION TIMING DETECTION CIRCUIT OF CDMA RECEIVER AND DETECTION METHOD**
[54] **CIRCUIT ET METHODE DE DETECTION DE L'INSTANT DE RECEPTION POUR RECEPTEUR AMDC**
[72] SATO, Toshifumi, JP
[73] NEC CORPORATION, JP
[22] 1997-07-15
[30] JP (8-185103) 1996-07-15

[11] **2,211,767**
[13] C

[51] **Int.Cl. 6F25J 3/04**
[25] EN
[54] **PROCESS TO PRODUCE NITROGEN USING A DOUBLE COLUMN PLUS AN AUXILIARY LOW PRESSURE SEPARATION ZONE**
[54] **METHODE POUR PRODUIRE DE L'AZOTE A L'AIDE D'UNE DOUBLE COLONNE ET D'UNE ZONE DE SEPARATION BASSE PRESSION**
[72] FIDKOWSKI, Zbigniew T., US
[72] AGRAWAL, Rakesh, US
[73] Air Products and Chemicals, Inc., US
[22] 1997-07-30
[30] US (08/693714) 1996-08-07

[11] **2,208,930**
[13] C

[51] **Int.Cl. 6B25C 1/16**
[25] EN
[54] **POWDER-ACTUATED TOOL CARTRIDGE CLIP WITH POSITION INDICATOR MARK**
[54] **CHARGEUR DE FIXATEUR A CARTOUCHES POURVU D'UNE MARQUE DE REPERE**
[72] FORSELL, David, US
[72] DAY, R. Nolan, US
[73] ILLINOIS TOOL WORKS INC., US
[22] 1997-06-27
[30] US (08/701,302) 1996-08-21

[11] **2,211,197**
[13] C

[51] **Int.Cl. 6H01R 4/24**
[25] EN
[54] **HIGH FREQUENCY MODULAR PLUG AND CABLE ASSEMBLY**
[54] **ENSEMBLE CABLE ET FICHE MODULAIRE POUR RADIOFREQUENCES**
[72] McCLUNE, Don, US
[72] WAGNER, Justin S., US
[72] ROHRBAUGH, Brian M., US
[72] FAIR, Merv, US
[72] HATCH, David, US
[73] STEWART CONNECTOR SYSTEMS, INC., US
[85] 1997-07-23
[86] 1996-02-21 (PCT/US96/02516)
[87] (WO96/26556)
[30] US (08/392,060) 1995-02-22

[11] **2,211,974**
[13] C

[51] **Int.Cl. 6A47K 3/23**
[25] EN
[54] **PORTABLE SOLAR SHOWER SYSTEM**
[54] **SYSTEME DE DOUCHE SOLAIRE PORTATIF**
[72] McCORMACK, Alan Edward, CA
[73] McCORMACK, Alan Edward, CA
[22] 1997-08-27

[11] **2,210,373**
[13] C

[51] **Int.Cl. 6E01H 5/02 6B25G 1/00 6A01B 1/02**
[25] EN
[54] **LIFTING IMPLEMENT**
[54] **ACCESSOIRE POUR FACILITER LE SOULEVEMENT D'UNE PELLE**
[72] CHAMPI, Frank K., US
[73] CHAMPI, Frank K., US
[22] 1997-07-15
[30] US (08/658,117) 1996-07-16

[11] **2,212,130**
[13] C

[51] **Int.Cl. 6H01G 4/12 6C04B 35/49**
[25] EN
[54] **DIELECTRIC CERAMIC COMPOSITION AND MONOLITHIC CERAMIC CAPACITOR USING THE SAME**
[54] **COMPOSITION DE CERAMIQUE DIELECTRIQUE ET CONDENSATEUR DE CERAMIQUE MONOLITHIQUE UTILISANT CETTE COMPOSITION**
[72] TANAKA, Hidehiko, JP
[72] MIZUNO, Shinobu, JP
[73] MURATA MANUFACTURING CO., LTD., JP
[22] 1997-07-31
[30] JP (8-206083) 1996-08-05
[30] JP (8-206084) 1996-08-05

[11] **2,211,282**
[13] C

[51] **Int.Cl. 6D04B 1/22 6A44B 19/34**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING KNIT SLIDE FASTENER STRINGER**
[54] **METHODE ET APPAREIL POUR FABRIQUER UNE DEMI-CHAINE DE FERMETURE A GLISSIERE TRICOTEE**
[72] MATSUDA, Yoshio, JP
[72] IKEGUCHI, Yoshito, JP
[72] ITO, Michio, JP
[72] KATO, Hidenobu, JP
[73] YKK Corporation, JP
[22] 1997-07-23
[30] JP (8-210205) 1996-08-08

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[11] 2,212,197
[13] C

[51] Int.Cl. 6B24D 3/06
[25] EN
[54] **DOUBLE CEMENTED CARBIDE INSERTS**
[54] **MISES RAPPORTEES EN CARBURES DOUBLE CEMENTATION**
[72] FANG, Zhigang, US
[72] SUE, J. Albert, US
[73] SMITH INTERNATIONAL, INC., US
[22] 1997-08-01
[30] US (60/023,656) 1996-08-01
[30] US (60/041,111) 1997-03-20

[11] 2,212,513
[13] C

[51] Int.Cl. 6F21V 21/04 6F21V 13/10
[25] EN
[54] **DIRECT/INDIRECT LIGHTING FIXTURES**
[54] **APPAREILS D'ECLAIRAGE A LUMIERE DIRECTE ET INDIRECTE**
[72] HOLDER, Gregory Randal, US
[73] NSI ENTERPRISES, INC., US
[22] 1997-08-08
[30] US (08/901,264) 1997-07-28

[11] 2,212,675
[13] C

[51] Int.Cl. 6F16G 11/14 6B65D 63/10
[25] EN
[54] **GROMMET AND ADJUSTABLE STRAP FASTENER ASSEMBLY**
[54] **OUILLET ET ENSEMBLE REGLABLE DE FIXATION D'UNE SANGLE**
[72] LATAL, James F., US
[72] KOTOWSKI, Dave G., US
[73] ILLINOIS TOOL WORKS INC., US
[22] 1997-08-08
[30] US (08/707,008) 1996-09-03

[11] 2,212,774
[13] C

[51] Int.Cl. 6H03L 7/08
[25] EN
[54] **CIRCUIT FOR CAUSING FPLL TO LOCK IN DESIRED PHASE**
[54] **CIRCUIT SERVANT A REALISER UN ASSERVISSEMENT DANS LA PHASE DESIREE POUR BOUCLE A ASSERVISSEMENT DE PHASE**
[72] MYCYNEK, Victor G., US
[72] OTTO, Leif W., US
[73] LG ELECTRONICS INC., KR
[22] 1997-08-12
[30] US (08/696,427) 1996-08-13

[11] 2,213,147
[13] C

[51] Int.Cl. 6E06B 3/48
[25] EN
[54] **DOOR PANEL MATING ASSEMBLY**
[54] **DISPOSITIF A EMBOITEMENT POUR PANNEAUX DE PORTE**
[72] BATES, Bruce N., US
[72] ROBERTSON, Gregory D., US
[72] SCATES, John E., US
[73] AMERICAN BUILDING COMPANY, US
[22] 1997-08-18
[30] US (60/024,164) 1996-08-19

[11] 2,213,363
[13] C

[51] Int.Cl. 6H04L 29/14 6H04L 12/56
[25] EN
[54] **COMMUNICATION NETWORK RECOVERABLE FROM LINK FAILURE USING PRIORITIZED RECOVERY CLASSES**
[54] **RESEAU DE TRANSMISSION PERMETTANT LA RESTAURATION HIERARCHISEE DES LIAISONS**
[72] SUZUKI, Hiroshi, JP
[72] KUSANO, Toshihiko, JP
[73] NEC CORPORATION, JP
[22] 1997-08-19
[30] JP (8-218776) 1996-08-20

[11] 2,213,475
[13] C

[51] Int.Cl. 6D21C 7/00
[25] EN
[54] **A SCREEN HAVING INCLINED SLOTS FOR USE IN A CONTINUOUS DIGESTER**
[54] **ECRAN MUNI DE FENTES INCLINEES UTILISABLE DANS UN LESSIVEUR EN CONTINU**
[72] HERNESNIEMI, Lasse, FI
[73] AHLSTROM MACHINERY INC., US
[85] 1997-08-20
[86] 1996-02-22 (PCT/FI96/00104)
[87] (WO96/26315)
[30] FI (950826) 1995-02-23

[11] 2,214,253
[13] C

[51] Int.Cl. 6D21F 1/50 6D21F 5/14
[25] EN
[54] **A VACUUM APPARATUS HAVING TEXTURED CLOTHING FOR CONTROLLING THE RATE OF APPLICATION OF VACUUM PRESSURE IN A THROUGH AIR DRYING PAPERMAKING PROCESS**
[54] **APPAREIL DE MISE SOUS VIDE PRESENTANT UN HABILLAGE TEXTURE POUR CONTROLER LE TAUX D'APPLICATION DE PRESSION PAR LE VIDE AU COURS DU PROCESSUS DE FABRICATION DU PAPIER SECHE A L'AIR**
[72] AYERS, Peter Graves, US
[72] BUENGER, Daniel Edward, US
[72] ENSIGN, Donald Eugene, US
[72] TROKHAN, Paul Dennis, US
[73] THE PROCTER & GAMBLE COMPANY, US
[22] 1997-08-29
[30] US (08/706,919) 1996-09-03

[11] 2,215,807
[13] C

[51] Int.Cl. 6H03M 1/46 6A61N 1/37
[25] EN
[54] **HYBRID ANALOG-TO-DIGITAL CONVERTER FOR LOW POWER APPLICATIONS, SUCH AS USE IN AN IMPLANTABLE MEDICAL DEVICE**
[54] **CONVERTISSEUR ANALOGIQUE/ NUMERIQUE HYBRIDE POUR DES APPLICATIONS BASSE PUISSANCE, COMME, PAR EXEMPLE, DANS LES DISPOSITIFS MEDICAUX IMPLANTABLES**
[72] FERNALD, Kenneth Wilson, US
[73] SULZER INTERMEDICS INC., US
[85] 1997-09-18
[86] 1996-03-28 (PCT/US96/04251)
[87] (WO96/39739)
[30] US (08/460,139) 1995-06-02

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[11] **2,217,872**
[13] C

[51] **Int.Cl. 6F21V 11/02 6F21P 5/00 6F21V 29/00 6F21V 17/02**
[25] EN
[54] **LIGHT FIXTURE WITH CONTROLLABLE LIGHT BLOCK**
[54] **ACCESSOIRE D'ECLAIRAGE A BLOCAGE COMMANDE DU FLUX LUMINEUX**
[72] DiSANTO, Dorothy K., US
[72] CROOKHAM, Joe P., US
[72] STONE, Thomas A., US
[73] MUSCO CORPORATION, US
[85] 1997-10-09
[86] 1996-04-17 (PCT/US96/05302)
[87] (WO96/33368)
[30] US (08/423,268) 1995-04-17

[11] **2,218,039**
[13] C

[51] **Int.Cl. 6H04L 12/22 6G06F 12/14**
[25] EN
[54] **AN ADAPTOR CARD PROVIDING CONDITIONAL ACCESS**
[54] **ADAPTATEUR SOUS FORME DE CARTE POUR UN ACCES CONDITIONNEL**
[72] DILLON, Douglas M., US
[72] CASSAGNOL, Robert D., US
[73] HUGHES ELECTRONICS CORPORATION, US
[85] 1997-08-18
[86] 1996-01-16 (PCT/US96/00580)
[87] (WO97/18651)
[30] US (08/557,398) 1995-11-13

[11] **2,219,154**
[13] C

[51] **Int.Cl. 6H04N 5/04 6H04N 7/04**
[25] EN
[54] **AN APPARATUS FOR A SYNCHRONIZED PLAYBACK OF AUDIO-VIDEO SIGNALS**
[54] **APPAREIL DE LECTURE SYNCHRONISEE DE SIGNAUX AUDIO ET VIDEO**
[72] TERASHIMA, Masaru, JP
[72] SAWADA, Hideki, JP
[72] TANAKA, Mitsumasa, JP
[72] SAMESHIMA, Takashi, JP
[73] NEC CORPORATION, JP
[22] 1997-10-24
[30] JP (8-287075) 1996-10-29

[11] **2,219,500**
[13] C

[51] **Int.Cl. 6B60N 2/46**
[25] EN
[54] **LOCKING ARMREST SUPPORT ASSEMBLY**
[54] **SUPPORT D'APPUI-BRAS VERROUILLABLE**
[72] LEWCZYK, Ronald S., US
[72] GASS, Paul E., US
[72] TAYLOR, Philip A., US
[73] ILLINOIS TOOL WORKS INC., US
[22] 1997-10-28
[30] US (08/762,406) 1996-12-09

[11] **2,219,649**
[13] C

[51] **Int.Cl. 6G01V 1/30**
[25] EN
[54] **METHOD FOR DETERMINING VALIDITY OF SEISMIC REFLECTIONS BELOW LATERAL VELOCITY VARIATIONS**
[54] **PROCEDE DE DETERMINATION DE LA VALIDITE DES REFLEXIONS SISMIQUES INFERIEURES A DES VARIATIONS LATERALES DE VITESSE**
[72] HOUSE-FINCH, Nancy J., US
[72] HOUCK, Richard Thomas, US
[73] MOBIL OIL CORPORATION, US
[85] 1997-10-28
[86] 1996-05-03 (PCT/US96/06235)
[87] (WO96/35966)
[30] US (436,898) 1995-05-08

[11] **2,226,437**
[13] C

[51] **Int.Cl. 6H01Q 15/14**
[25] EN
[54] **ANTENNA SYSTEM HAVING DIRECTIVITY FOR ELONGATE SERVICE ZONE**
[54] **ANTENNE A DIRECTIVITE APPROPRIEE AUX ZONES DE SERVICE EN LONGUEUR**
[72] CHEN, Shuguang, JP
[73] NEC CORPORATION, JP
[22] 1998-01-07
[30] JP (001003/1997) 1997-01-08

[11] **2,226,446**
[13] C

[51] **Int.Cl. 6H04Q 7/08 6H04Q 7/12 6H04Q 7/20**
[25] EN
[54] **FLEXIBLE MOBILITY MANAGEMENT IN A TWO-WAY MESSAGING SYSTEM AND METHOD THEREFOR**
[54] **GESTION SOUPLE DE LA MOBILITE DANS UN SYSTEME DE MESSAGERIE BIDIRECTIONNEL ET PROCEDE AFFERENT**
[72] WANG, Zhonghe, US
[72] SCHWENDEMAN, Robert John, US
[73] MOTOROLA, INC., US
[85] 1998-01-07
[86] 1996-05-13 (PCT/US96/06686)
[87] (WO97/03529)
[30] US (08/500,280) 1995-07-10

[11] **2,227,203**
[13] C

[51] **Int.Cl. 6G07C 15/00**
[25] EN
[54] **AN ELECTRONIC LOTTERY SYSTEM AND ITS OPERATING METHOD AND COMPUTER-READABLE RECORDING MEDIUM IN WHICH THE ELECTRONIC LOTTERY PROGRAM CODE IS STORED**
[54] **SYSTEME DE LOTERIE ELECTRONIQUE AVEC METHODE D'EXPLOITATION ET SUPPORT D'ENREGISTREMENT LISIBLE PAR UN ORDINATEUR SERVANT A STOCKER LE PROGRAMME DE LOTERIE ELECTRONIQUE**
[72] SAKO, Kazue, JP
[73] NEC CORPORATION, JP
[22] 1998-01-19
[30] JP (27236/1997) 1997-01-27

[11] **2,227,678**
[13] C

[51] **Int.Cl. 6F21V 19/04 6F21V 33/00**
[25] EN
[54] **INTEGRAL SPARE BULB CONTAINER FOR HALOGEN WORK LIGHT**
[54] **CONTENANT INTEGRAL POUR AMPOULE DE RECHANGE D'UNE LAMPE DE TRAVAIL A HALOGENES**
[72] LEEN, Monte A., US
[73] LEEN, Monte A., US
[22] 1998-01-22
[30] US (08/815,303) 1997-03-11

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[11] **2,228,299**
[13] C
[51] **Int.Cl. 6H01H 67/26 6H05K 1/18**
[25] EN
[54] **COUPLING ARRANGEMENT**
[54] **DISPOSITIF DE BRANCHEMENT**
[72] ROOS, Sture Gösta, SE
[73] TELEFONAKTIEBOLAGET LM
ERICSSON, SE
[85] 1998-01-30
[86] 1996-08-01 (PCT/SE96/00981)
[87] (WO97/06547)
[30] SE (9502754-6) 1995-08-04

[11] **2,228,382**
[13] C
[51] **Int.Cl. 6H01H 67/26**
[25] EN
[54] **MATRIX-RELATED JUMPERING**
ARRANGEMENT
[54] **DISPOSITIF DE CONNEXION A**
JARRETIERE DE TYPE MATRICIEL
[72] ROOS, Sture Gösta, SE
[73] TELEFONAKTIEBOLAGET LM
ERICSSON, SE
[85] 1998-01-30
[86] 1996-08-01 (PCT/SE96/00980)
[87] (WO97/06546)
[30] SE (9502753-8) 1995-08-04

[11] **2,232,022**
[13] C
[51] **Int.Cl. 6G01V 3/32 6G01N 15/08**
[25] EN
[54] **METHOD AND APPARATUS FOR**
MEASURING TOTAL NUCLEAR
MAGNETIC RESONANCE POROSITY
[54] **METHODE ET APPAREIL DE**
MESURE DE LA POROSITE TOTALE
PAR RESONANCE MAGNETIQUE
NUCLEAIRE
[72] FREEDMAN, Robert, US
[72] BOYD, Austin, AE
[72] MORRIS, Christopher E., AE
[72] FLAUM, Charles, US
[73] SCHLUMBERGER CANADA
LIMITED, CA
[22] 1998-03-11
[30] US (60/042,059) 1997-04-09
[30] US (08/873,981) 1997-06-12

[11] **2,232,683**
[13] C
[51] **Int.Cl. 6G01R 31/08**
[25] EN
[54] **SYSTEMS FOR DETERMINING**
FAULT LOCATION ON POWER
DISTRIBUTION LINES
[54] **DISPOSITIFS DE LOCALISATION**
DES DERANGEMENTS SUR LES
LIGNES DE TRANSPORT D'ENERGIE
[72] CUMMINS, Kenneth L., US
[73] GLOBAL ATMOSPHERICS, INC., US
[85] 1998-03-20
[86] 1997-04-28 (PCT/US97/07217)
[87] (WO97/42514)
[30] US (60/016,834) 1996-05-08
[30] US (08/759,297) 1996-12-02

[11] **2,233,051**
[13] C
[51] **Int.Cl. 6H01B 17/62 6H01B 19/00**
[25] EN
[54] **SECURING METHOD OF**
POLYMER INSULATOR AND DIE USED
FOR THIS METHOD
[54] **METHODE POUR ASSUJETTIR UN**
ISOLANT DE POLYMER ET
MATRICE UTILISEE A CETTE FIN
[72] NAKAMURA, Itsushi, JP
[72] OHKAWA, Yasushi, JP
[72] SUZUKI, Tomio, JP
[72] KITAGAMI, Eiji, JP
[73] NGK INSULATORS, LTD., JP
[22] 1998-03-25
[30] JP (9-71,750) 1997-03-25

[11] **2,234,786**
[13] C
[51] **Int.Cl. 6G01F 23/296**
[25] EN
[54] **APPARATUS FOR ESTABLISHING**
AND/OR MONITORING A
PREDETERMINED FILLING LEVEL IN
A CONTAINER
[54] **DISPOSITIF PERMETTANT**
D'ETABLIR ET/OU DE SURVEILLER
UN NIVEAU DE REMPLISSAGE
PREDETERMINE DANS UN
CONTENANT
[72] LOPATIN, Sergej, DE
[72] GETMAN, Igor, DE
[73] ENDRESS + HAUSER GMBH + CO.,
DE
[22] 1998-04-15
[30] EP (97107152.7) 1997-04-30

[11] **2,235,390**
[13] C
[51] **Int.Cl. 6A43B 17/14 6A43B 13/38**
[25] EN
[54] **LAMINATED PRODUCT FOR USE**
IN FOOTWEAR MANUFACTURING
[54] **PRODUIT STRATIFIE DESTINE A**
ETRE UTILISE DANS LA
FABRICATION DE CHAUSSURES
[72] SCHEUBEL, Gérard, CA
[72] REDFERN, Barbara, US
[72] MARIER, André, CA
[73] TEXEL INC., CA
[85] 1998-05-11
[86] 1996-11-01 (PCT/CA96/00727)
[87] (WO97/19608)
[30] US (60/007,525) 1995-11-24

[11] **2,236,821**
[13] C
[51] **Int.Cl. 6B29C 33/38 6C23C 4/08**
[25] EN
[54] **FABRICATION OF TOOLING BY**
THERMAL SPRAYING
[54] **FABRICATION D'OUTILLAGE**
PAR PULVERISATION THERMIQUE
[72] COVINO, Charles P., US
[72] SOLOMON, Allen, US
[72] PLEASANT, Gaylon, US
[72] AVERSENTI, Edmund V., US
[73] GENERAL MAGNAPLATE
CORPORATION, US
[85] 1998-05-05
[86] 1996-11-13 (PCT/US96/17932)
[87] (WO97/18074)
[30] US (60/006,666) 1995-11-13

[11] **2,237,024**
[13] C
[51] **Int.Cl. 6A61C 15/04 6B65D 85/02**
[25] EN
[54] **ACTIVE DENTAL FLOSS**
CONTAINER
[54] **CONTENANT DE SOIE DENTAIRE**
POLYVALENT
[72] FLANAGAN, D. Lloyd, CA
[73] FLANAGAN, D. Lloyd, CA
[22] 1998-06-12

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[11] **2,237,365**
[13] C

[51] **Int.Cl. 6F28D 1/053 6F28F 9/00
6F28F 21/00 6F22B 1/18**
[25] EN
[54] **HIGH TEMPERATURE HIGH
PRESSURE AIR-TO-AIR HEAT
EXCHANGERS AND ASSEMBLIES
USEFUL THEREIN**
[54] **ECHANGEURS DE CHALEUR AIR-
AIR POUR TEMPERATURE ET
PRESSION ELEVEES, ET DES
ASSEMBLAGES ENTRANT DANS
LEUR FABRICATION**
[72] GRAHAM, Robert G., US
[73] GRAHAM, Robert G., US
[22] 1998-05-12

[11] **2,238,260**
[13] C

[51] **Int.Cl. 6H01R 15/00 6H02G 15/18**
[25] FR
[54] **PIECE DE RACCORDEMENT
ELECTRIQUE**
[54] **ELECTRICAL COUPLING PART**
[72] GREGORIS, Jean-Luc, FR
[72] ZEN, Lino, FR
[73] SAT (SOCIÉTÉ ANONYME DE
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[72] CURTIS, Stephen John, GB
[73] BRITISH TELECOMMUNICATIONS
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[54] **SYSTEME D'OUTILLAGE A
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[72] VANDER WAL, H. James III, US
[73] OMNI STRUCTURES
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[54] **ROTARY THERMOCYCLING
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[54] **APPAREIL DE
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[72] WHEATCROFT, Roger George
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[73] HER MAJESTY THE QUEEN IN
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[54] **PROCEDE DE NETTOYAGE ET DE
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[72] BILBAULT, Thierry, US
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[73] ALCON LABORATORIES, INC., US
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[25] EN
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DECODING STEREO AUDIO
SPECTRAL VALUES**
[54] **METHODE DE CODAGE ET DE
DECODAGE DES VALEURS
SPECTRALES DES SONS EN STEREO**
[72] TEICHMANN, Bodo, DE
[72] BRANDENBURG, Karlheinz, DE
[72] JOHNSTON, James, US
[72] GBUR, Uwe, DE
[72] DIETZ, Martin, DE
[72] GERHÄUSER, Heinz, DE
[72] HERRE, Jürgen, DE
[73] FRAUNHOFER-GESELLSCHAFT
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[73] AT & T LABORATORIES/
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[54] **CODING AND DECODING OF
AUDIO SIGNALS BY USING
INTENSITY STEREO AND
PREDICTION**
[54] **CODAGE ET DECODAGE DE
SIGNAUX AUDIO AU MOYEN D'UN
PROCEDE STEREO EN INTENSITE ET
DE PREDICTION**
[72] BRANDENBURG, Karlheinz, DE
[72] DIETZ, Martin, DE
[72] GBUR, Uwe, DE
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[54] **DISPOSITIF DE TRANSFERT
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[72] DUSSAULT, Jacques, CA
[72] CHABOT, Guy, CA
[72] POTVIN, Francois, CA
[73] MAXI-TOUR INC., CA
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[54] **DETECTEUR DE PARTICULES
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[72] LU, GRANT, US
[73] Saint-Gobain/Norton Industrial
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RESTRICTED ACCESS**
[54] **METHODE DE FORAGE DE
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TELECONFERENCE TERMINAL
EQUIPMENT**
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EQUIPEMENT TERMINAL POUR
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[72] SHIBATA, YOJI, JP
[72] TAKIZAWA, MASAOKI, JP
[72] MATSUSHIMA, HITOSHI, JP
[72] YAMADA, TAKEHIKO, JP
[72] YOSHIDA, ATSUO, JP
[72] MARUYAMA, YUKINOBU, JP
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[25] EN
[54] **METHOD OF REMOVING SULFUR DIOXIDE FROM FLUE GASES, ESPECIALLY POWER PLANT FLUE GASES AND FLUE GASES FROM GARBAGE INCINERATOR PLANTS**
[54] **METHODE POUR ELIMINER LE DIOXYDE DE SOUFRE DE GAZ DE COMBUSTION, EN PARTICULIER D'EFFLUENTS GAZEUX PROVENANT DE CENTRALES DE PRODUCTION D'ENERGIE OU D'USINES D'INCINERATION D'ORDURES**
[72] FERRAO, Lourenço, DE
[72] RISSE, Theo, DE
[71] LURGI LENTJES BISCHOFF GMBH, DE
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[72] CHABOT, Benoît, CA
[72] WELLINGER, Raymund, CA
[71] UNIVERSITE DE SHERBROOKE, CA
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[13] A1

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[25] EN
[54] **A ONE-PIECE DOOR THRESHOLD AND DOOR SILL ASSEMBLY**
[54] **ENSEMBLE DE SEUIL ET D'APPUI DE PORTE EN UNE SEULE PIECE**
[72] FORTIER, Sylvain, CA
[71] CASCADES INC., CA
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[54] **SYSTEME DE COLLECTE DES DEBRIS DE SURFACE DES BASSINS D'EAUX USEES**
[54] **SYSTEM FOR SURFACE DEBRIS COLLECTION FROM WASTEWATER TANKS**
[72] FONTAINE, Henri, CA
[71] H. FONTAINE LTÉE, CA
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[43] 2000-09-30

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[54] **COMBINATION OF TRAVEL BAG AND FOLDING TABLE**
[54] **SAC DE VOYAGE ET TABLE PLIANTE COMBINES**
[72] LEE, Chun-Ping, TW
[71] LEE, Chun-Ping, TW
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[13]

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[54] **CONTROL CIRCUIT OF A REMOTE CONTROLLER**
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[72] LAI, Jung-Hua, TW
[71] LAI, Jung-Hua, TW
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[13]

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[54] **ORCHID CULTIVATING DEVICE**
[54] **DISPOSITIF DE CULTURE D'ORCHIDEES**
[72] CHEN, Ellen, TW
[72] CHEN, Ruey, TW
[71] CHEN, Ellen, TW
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[54] **DYNAMIC CONTENT ADDRESSABLE MEMORY CELL**
[54] **CELLULE MEMOIRE DYNAMIQUE ADRESSABLE PAR SON CONTENU**
[72] GILLINGHAM, Peter, CA
[72] WOJCICKI, TOMASZ, CA
[72] AHMED, ABDULLAH, CA
[72] LINES, VALERIE, CA
[71] MOSAID TECHNOLOGIES INCORPORATED, CA
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[13] A1

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[54] **BEVERAGE CADDY**
[54] **PORTE-BOISSONS**
[72] LEPINE, Alain J., CA
[71] LEPINE, Alain J., CA
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[13] A1

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[25] EN
[54] **METHOD AND COMPOSITION FOR WOUND TREATMENT**
[54] **METHODE ET COMPOSITION POUR LE TRAITEMENT DE BLESSURES**
[72] PETITO, George D., US
[71] PETITO, George D., US
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[13] A1

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[54] **NON-ORIENTED ELECTROMAGNETIC STEEL SHEET EXCELLENT IN MAGNETIC CHARACTERISTICS AFTER STRESS RELIEF ANNEALING AND METHOD OF MANUFACTURING THE SAME**
[54] **FEUILLE D'ACIER ELECTROMAGNETIQUE NON ORIENTE AYANT D'EXCELLENTE CARACTERISTIQUES MAGNETIQUES APRES RECUIT ET METHODE POUR LA FABRIQUER**
[72] HONDA, Atsuhito, JP
[72] OZAKI, Yoshihiro, JP
[72] KAWANO, Masaki, JP
[71] KAWASAKI STEEL CORPORATION, JP
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[13] A1

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[25] EN
[54] **POWER TRANSMISSION SYSTEM EMPLOYING A MOTOR AND AN ENGINE**
[54] **SYSTEME DE TRANSMISSION DE PUISSANCE UTILISANT UN MOTEUR ELECTRIQUE ET UN MOTEUR A COMBUSTION INTERNE**
[72] LIAU, Bai-Guang, CN
[71] LIAU, Bai-Guang, CN
[71] BOAHSIN INDUSTRIAL CO., LTD., CN
[22] 1999-03-24
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[21] **2,266,844**
[13] A1

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[54] **MODULAR FLOORING SYSTEM FOR AN ANIMAL HOUSING**
[54] **SYSTEME DE PLANCHER MODULAIRE POUR LOGEMENT D'ANIMAUX**
[72] REAL, James W., CA
[72] MOREAU, Pierre A., CA
[71] MATRIX AG INC., CA
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[13] A1

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[54] **APPAREIL DE DISTRIBUTION DE POUVRE**
[72] SPEEGLE, Billie G., US
[71] SPEEGLE, Billie G., US
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[13] A1

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[54] **INFLATABLE WATERCRAFT**
[54] **EMBARCATION PNEUMATIQUE**
[72] HALE, David John, CA
[71] HALE, David John, CA
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[43] 2000-09-24

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[13] A1

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[25] EN
[54] **DISPENSER FOR LIQUID CONTAINERS USABLE WITH ONE HAND**
[54] **DISTRIBUTEUR POUR CONTENANTS A LIQUIDE UTILISABLE D'UNE SEULE MAIN**
[72] JUNG, Eung gyu, KR
[71] JUNG, Eung gyu, KR
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[13] A1

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[54] **ROULE TAPIS PRELART PORTATIF**
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[54] **ALL-TRACK**
[72] PROULX, Claude, CA
[72] RODRIGUES, Pierre, CA
[71] PROULX, Claude, CA
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[21] **2,266,943**
[13]

[51] **Int.Cl. 6E01F 9/011**
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[54] **BASE DE BETON ET SUPPORT SPECIFIQUE**
[54] **CONCRETE BASE AND SPECIFIC SUPPORT**
[72] BAILLARGEON, Rodrigue, CA
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[54] **TRIEUSE DE BETAÏL**
[72] DOWNEY, Peter D., CA
[72] CROWE, Brent E., CA
[71] DOWNEY, Peter D., CA
[71] CROWE, Brent E., CA
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[21] **2,266,954**
[13] A1

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ACTIVATION SYSTEM
[54] **SYSTEME D'ACTIVATION DE**
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[72] PAYNE, Brian, CA
[71] PAYNE, Brian, CA
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[25] EN
[54] **SANITARY ABSORBENT ARTICLE**
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[54] **ARTICLE HYGIENIQUE**
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[72] SIMARD, Jean-Sébastien, CA
[72] BRISEBOIS, Henri, CA
[71] JOHNSON & JOHNSON INC., CA
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[13] A1

[51] **Int.Cl. 6C02F 1/42 6B01J 39/14 6B01J**
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[25] EN
[54] **AMMONIUM ION ADSORPTION**
PROCESS USING ZIRCONIUM
SILICATE AND ZIRCONIUM
GERMANATE MOLECULAR SIEVES
[54] **PROCEDE D'ADSORPTION**
D'IONS AMMONIUM A L'AIDE DE
TAMIS MOLECULAIRES EN SILICATE
DE ZIRCONIUM ET EN GERMANATE
DE ZIRCONIUM
[72] BEDARD, Robert L., US
[72] BEM, David S., US
[72] SHERMAN, John D., US
[72] LEWIS, Gregory J., US
[72] NAPOLITANO, Amedeo, US
[72] LEON-ESCAMILLA, E., Alejandro, US
[71] UOP LLC, US
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[13] A1

[51] **Int.Cl. 6A44C 9/00**
[25] EN
[54] **RING WITH REVERSIBLE**
SETTING FOR DISPLAYING
ALTERNATE FACES
[54] **BAGUE REVERSIBLE**
PERMETTANT DE PRESENTER L'UNE
OU L'AUTRE DES FACES
[72] TANORY, Joe Richard Jr., US
[71] TANORY, Joe Richard Jr., US
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[21] **2,266,994**
[13] A1

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[25] EN
[54] **INFLATABLE SUPPORT**
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[54] **STRUCTURE SUPPORT**
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[72] KIM, Hun S., CA
[71] BEON TOP ENTERPRISES LTD., CA
[71] VERSA-LOK ASIA (L) BHD, TH
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[21] **2,266,996**
[13] A1

[51] **Int.Cl. 6H01Q 1/12**
[25] EN
[54] **DIPOLE MOUNTING**
ARRANGEMENT FOR AN ANTENNA
[54] **MONTAGE D'ANTENNE EN**
DOUBLET
[72] BERRETH, G. Todd, CA
[71] BLUEWAVE ANTENNA SYSTEMS
LTD., CA
[22] 1999-03-25
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[21] **2,266,998**
[13] A1

[51] **Int.Cl. 6G08C 17/00 6B61L 3/12**
[25] EN
[54] **METHOD AND APPARATUS FOR**
ASSIGNING ADDRESSES TO
COMPONENTS IN A CONTROL
SYSTEM
[54] **METHODE ET DISPOSITIF**
PERMETTANT D'ASSIGNER DES
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[72] SZKLAR, Oleh, CA
[72] BROUSSEAU, André, CA
[72] HORST, Folkert, CA
[72] ETHIER, Luc, CA
[71] CANAC INC., CA
[22] 1999-03-25
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[21] **2,266,999**
[13] A1

[51] **Int.Cl. 6A61N 1/04 6A61B 17/39**
[25] EN
[54] **IMPLANTABLE INTERFACES**
WITH EMBEDDED SIGNAL CARRIERS
AND METHODS FOR FABRICATING
SAME
[54] **INTERFACES IMPLANTABLES**
AVEC CONDUCTEURS DE SIGNAUX
ET METHODES DE FABRICATION DES
INTERFACES ET CONDUCTEURS
[72] HOFFER, Joaquin Andres, CA
[72] POGATCHNIK, Chris, US
[72] BOOGAARD, Jerome J., US
[72] SWANSON, John, US
[71] NEUROSTREAM TECHNOLOGIES,
INC., CA
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[13] A1

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[54] **MICROPROPAGATION OF PHYTOPHARMACEUTICAL PLANTS**
[54] **MICROPROPAGATION DES PLANTES MEDICINALES**
[72] MURCH, Susan J., CA
[72] SAXENA, Praveen K., CA
[72] SLIMMON, Tannis Y., CA
[71] UNIVERSITY OF GUELPH, CA
[22] 1999-03-25
[43] 2000-09-25

[21] **2,267,014**
[13] A1

[51] **Int.Cl. 6C12N 15/84**
[25] EN
[54] **MONOCOT TRANSFORMATION USING ACROBACTERIUM**
[54] **TRANSFORMATION DE MONOCOTYLEDONES PAR DES AGROBACTERIES**
[72] BOWLEY, Stephen R., CA
[72] ROJAS, Brenda, CA
[72] DEVEREAUX, Alissa, CA
[71] UNIVERSITY OF GUELPH, CA
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,021**
[13] A1

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **TIMESTAMPING ARBITRATION IN DIGITAL COMMUNICATION DEVICES**
[54] **ARBITRAGE D'HORODATAGE POUR DISPOSITIFS DE COMMUNICATIONS NUMERIQUES**
[72] HUNG, Anthony, US
[72] JANOSKA, Mark, CA
[72] CHOW, Henry, CA
[71] NEWBRIDGE NETWORKS CORPORATION, CA
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,023**
[13] A1

[51] **Int.Cl. 6F21V 33/00 6G02B 5/00 6F21L 11/00 6F21V 7/00**
[25] EN
[54] **REFLECTOR ATTACHMENT**
[54] **DISPOSITIF DE FIXATION DE REFLECTEUR**
[72] ADJELEIAN, Mike, CA
[71] ADJELEIAN, Mike, CA
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,025**
[13] A1

[51] **Int.Cl. 6E02B 3/10 6E04C 1/00 6E02D 29/02 6E02B 7/10**
[25] EN
[54] **BUILDING BLOCK AND SYSTEM OF USE**
[54] **BLOCS DE CONSTRUCTION ET POSE**
[72] GOSSELIN, Randall, CA
[71] GOSSELIN, Randall, CA
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,026**
[13] A1

[51] **Int.Cl. 6B62B 3/14 6B62B 5/00**
[25] EN
[54] **SHOPPING CART AND CONTAINER SYSTEM**
[54] **CHARIOT DE MAGASIN A CONTENANTS**
[72] TREADWELL, Simon C. L., CA
[71] GIDSEN INCORPORATED, CA
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,031**
[13] A1

[51] **Int.Cl. 6B65B 53/02 6B65B 61/00**
[25] EN
[54] **SHRINKABLE PACKING INSERTING MACHINE**
[54] **CONDITIONNEUSE A INSERTION AVEC THERMORETREINTE**
[72] HUANG, Fu-Chuan, CN
[72] WU, Chin-Tsai, CN
[72] HUANG, Chien-Tsai, CN
[71] HUANG, Fu-Chuan, CN
[71] WU, Chin-Tsai, CN
[71] HUANG, Chien-Tsai, CN
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,035**
[13] A1

[51] **Int.Cl. 6H02P 7/62**
[25] EN
[54] **CURRENT MODULATION MOTOR CONTROLLER**
[54] **BLOC DE COMMANDE DE MOTEUR A MODULATION DE COURANT**
[72] SHIDELER, Victor Joseph, CA
[72] KEMP, William Harry, CA
[71] SEQUENCE CONTROLS INC., CA
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,036**
[13] A1

[51] **Int.Cl. 6B65G 3/00 6F25C 3/00 6A01G 23/00 6B65G 3/02**
[25] EN
[54] **A METHOD OF STORING WOOD MATERIAL BY MEANS OF MAN-MADE SNOW AND ICE AND A SNOW-GUN USED FOR THIS PURPOSE**
[54] **METHODE D'ENTREPOSAGE DU BOIS PAR EMPILAGE MANUEL DE NEIGE ET DE GLACE, ET CANON A NEIGE UTILISE A CET EFFET**
[72] KOSONEN, Ilmari, FI
[71] KOSONEN, Ilmari, FI
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,041**
[13] A1

[51] **Int.Cl. 6G06F 12/14 6G06F 9/00 6G06K 19/077**
[25] EN
[54] **METHOD AND SYSTEM FOR PROTECTING A SOFTWARE APPLICATION FROM PIRACY**
[54] **METHODE ET SYSTEME DE PROTECTION CONTRE LE PIRATAGE D'UNE APPLICATION LOGICIELLE**
[72] BORZA, Stephen J., CA
[71] DEW ENGINEERING AND DEVELOPMENT LIMITED, CA
[22] 1999-03-26
[43] 2000-09-26

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[21] **2,267,042**
[13] A1

[51] **Int.Cl. 6G06F 17/60 6H04L 12/16**
[25] EN
[54] **METHOD AND SYSTEM FOR LOCAL ELECTRONIC BILL PRESENTMENT AND PAYMENT EBPP**
[54] **METHODE ET SYSTEME DE PRESENTATION DE FACTURATION ELECTRONIQUE LOCALE ET DE PAIEMENT EBPP**
[72] AKISTER, Jim F., CA
[72] PAVLIK, Patrick C., CA
[72] WALLACE, William E., CA
[72] LOPIN, Pavel I., CA
[72] XIONG, Wei, CA
[72] FORDE, Peter A., CA
[71] RDM CORPORATION, CA
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,394**
[13] A1

[51] **Int.Cl. 6E06B 11/08**
[25] EN
[54] **ENTRANCE CONTROL DEVICE FOR SEQUENTIAL DISPLACEMENT OF A PLURALITY OF BARRIERS**
[54] **DISPOSITIF DE CONTROLE DES ENTREES POUR LE DEPLACEMENT SEQUENTIEL D'UNE PLURALITE DE BARRIERES**
[72] MCGUIRE, John Dennis, CA
[71] MCGUIRE, John Dennis, CA
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,395**
[13]

[51] **Int.Cl. 6H04L 9/14**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING KEYS FOR ENCRYPTED DATA**
[54] **METHODE ET SYSTEME DE GESTION DE CLES DE DONNEES ENCRYPTEES**
[72] KOU, Weidong, CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,399**
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 19/00**
[25] EN
[54] **SYSTEM, COMPUTER PROGRAM AND METHOD FOR ANALYZING TRAFFIC FOR USE IN ASSOCIATION WITH AN ENTRANCE DEVICE**
[54] **SYSTEME, PROGRAMME INFORMATIQUE ET METHODE D'ANALYSE DU TRAFIC UTILISES CONJOINTEMENT AVEC UN DISPOSITIF D'ENTREE**
[72] MCGUIRE, John Dennis, CA
[71] MCGUIRE, John Dennis, CA
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,429**
[13]

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **VIRTUAL PATH AGGREGATION**
[54] **AGREGATION DE VOIES VIRTUELLES**
[72] STERNE, Jason, CA
[72] CHOW, Joey, CA
[72] LEE, Denny, CA
[71] NEWBRIDGE NETWORKS CORPORATION, CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,435**
[13] A1

[51] **Int.Cl. 6A61F 9/08 6G01S 15/08**
[25] EN
[54] **ULTRASONIC DISTANCE DETECTION FOR VISUALLY IMPAIRED PEDESTRIANS**
[54] **DETECTION DE DISTANCE PAR ULTRASONS POUR PIETONS AYANT UNE DEFICIENCE VISUELLE**
[72] ZENG, Zing, CA
[71] ZENG, Zing, CA
[22] 1999-03-29
[43] 2000-09-29

[21] **2,267,438**
[13] A1

[51] **Int.Cl. 6G06F 3/023**
[25] EN
[54] **METHOD FOR MOBILE TEXT ENTRY**
[54] **METHODE DE SAISIE DE TEXTE POUR APPAREIL MOBILE**
[72] MACKENZIE, I. Scott, CA
[72] BELLMAN, Thomas Jeffrey, CA
[71] NOW SEE HEAR INTERACTIVE INC., CA
[22] 1999-03-29
[43] 2000-09-29

[21] **2,267,455**
[13] A1

[51] **Int.Cl. 6A01K 1/06**
[25] EN
[54] **METHOD OF RESTRAINING AN ANIMAL WITHIN AN ANIMAL SQUEEZE, AND AN ANIMAL SQUEEZE**
[54] **METHODE DE CONTENTION D'UN ANIMAL AU SEIN D'UN GOULET D'ATTENTE, ET GOULET D'ATTENTE**
[72] JUBINVILLE, Giselle, CA
[72] JUBINVILLE, Leonard Arthur, CA
[71] JUBINVILLE, Giselle, CA
[71] JUBINVILLE, Leonard Arthur, CA
[22] 1999-03-29
[43] 2000-09-29

[21] **2,267,458**
[13]

[51] **Int.Cl. 6B44F 7/00 6B41F 15/04 6B41F 15/10**
[25] EN
[54] **3-DIMENSIONAL PRINTING PROCESS WITH HIDDEN MESSAGE**
[54] **PROCEDE D'IMPRESSION TRIDIMENSIONNEL AVEC MESSAGE CACHE**
[72] ONGARO, Alessandro Antonio, CA
[72] ONGARO, Paolo Giacomo, CA
[71] ONGARO, Alessandro Antonio, CA
[71] ONGARO, Paolo Giacomo, CA
[22] 1999-03-30
[43] 2000-09-30

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[21] **2,267,477**
[13]

[51] **Int.Cl. 6G06F 9/45**
[25] EN
[54] **PACKAGING MEMORY IMAGE FILES**
[54] **CREATION DE FICHIERS D'IMAGE MEMOIRE**
[72] BURKA, Peter Wiebe, CA
[72] LOW, Andrew, CA
[72] SHIPTON, Peter Duncan, CA
[72] CHAPMAN, Graham, CA
[72] DUIMOVICH, John, CA
[72] SCIAMPACONE, Ryan Andrew, CA
[72] GRAY-DONALD, Trent, CA
[72] JOHNSON, Graeme, CA
[72] MUELLER, Patrick James, US
[71] OBJECT TECHNOLOGY INTERNATIONAL INC., CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,481**
[13]

[51] **Int.Cl. 6C12N 5/18 6C07K 16/40**
[25] EN
[54] **CRITICAL INTERDEPENDENCY: FROM THE ROLE OF ESTROGEN ON BREAST CANCER TO THE SUSCEPTIBILITY OF WOMEN TOWARDS HIV INFECTION**
[54] **INTERDEPENDANCE CRITIQUE : DU ROLE DE L'OESTROGENE DANS LE CANCER DU SEIN A LA SENSIBILITE DES FEMMES A L'INFECTION PAR LE VIH**
[72] PULIDO-CEJUDO, Gabriel, CA
[71] PULIDO-CEJUDO, Gabriel, CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,482**
[13]

[51] **Int.Cl. 6G06F 9/44**
[25] EN
[54] **REPORT PROGRAM LANGUAGE SOURCE CODE TRANSLATION TO OBJECT-ORIENTED LANGUAGE SOURCE CODE WHICH EMULATES REPORT PROGRAM LANGUAGE BEHAVIOUR**
[54] **TRADUCTION D'UN CODE SOURCE DE LANGAGE DE PROGRAMME D'EDITION EN UN CODE SOURCE ORIENTE OBJET QUI EMULE LE FONCTIONNEMENT DU LANGAGE DE PROGRAMME D'EDITION**
[72] ETTRITCH, Sarah J., CA
[72] FELLNER, John F., CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,484**
[13]

[51] **Int.Cl. 6G06F 12/02**
[25] EN
[54] **RECLAIMING MEMORY FROM DELETED APPLICATIONS**
[54] **RECUPERATION DE MEMOIRE D'APPLICATIONS SUPPRIMEES**
[72] BITNER, Deloy Pehrson, US
[72] CLOHESSY, Kim, US
[72] ORN, Mikael, US
[71] OBJECT TECHNOLOGY INTERNATIONAL INC., CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,511**
[13] A1

[51] **Int.Cl. 6C02F 1/50**
[25] EN
[54] **WATER FILTER CARTRIDGE**
[54] **CARTOUCHE POUR FILTRE A EAU**
[72] MESSIER, Pierre Jean, CA
[71] MESSIER, Pierre Jean, CA
[22] 1999-03-29
[43] 2000-09-29

[21] **2,267,512**
[13] A1

[51] **Int.Cl. 6C06B 29/22 6C06B 47/00 6C06B 25/34**
[25] FR
[54] **NOUVEAUX MATERIAUX PYROTECHNIQUES NON DETONABLES POUR MICROSYSTEMES**
[54] **NEW NON-DETONATABLE PYROTECHNICAL MATERIALS FOR MICROSYSTEMS**
[72] LEFUMEUX, Alain, FR
[72] MAHE, Bernard, FR
[72] FINCK, Bernard, FR
[71] S N P E, FR
[22] 1999-03-26
[43] 2000-09-26

[21] **2,267,539**
[13]

[51] **Int.Cl. 6G06F 9/45**
[25] EN
[54] **ACCESS TO RESOURCE FILES STORED IN ROM**
[54] **ACCES AUX FICHIERS RESSOURCES EN MEMOIRE ROM**
[72] MACLEOD, Carolyn Ruth, US
[72] RUBESIN, Philip Charles, US
[72] MUELLER, Patrick James, US
[71] OBJECT TECHNOLOGY INTERNATIONAL INC., CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,549**
[13]

[51] **Int.Cl. 6G06F 9/445**
[25] EN
[54] **LOADING AND UNLOADING OF APPLICATION COMPONENTS**
[54] **CHARGEMENT ET DECHARGEMENT DE COMPOSANTS D'APPLICATION**
[72] LEBERT, Berthold Martin, US
[72] CLOHESSY, Kim, US
[71] OBJECT TECHNOLOGY INTERNATIONAL INC., CA
[22] 1999-03-30
[43] 2000-09-30

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[21] **2,267,579**
[13]

[51] **Int.Cl. 6H04S 3/02**
[25] EN
[54] **MATRIX SURROUND DECODER/
VIRTUALIZER**
[54] **DECODEUR/VIRTUALISATEUR
MATRICIEL AMBIOPHONIQUE**
[72] ARTHUR, John Eric, CA
[71] QSOUND LABS, INC., CA
[22] 1999-03-31
[43] 2000-09-30

[21] **2,267,582**
[13]

[51] **Int.Cl. 6B28C 5/42 6B28C 9/04 6B60P
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[25] EN
[54] **ON-SITE CONCRETE TRUCK
WASH-OUT APPARATUS**
[54] **DISPOSITIF DE LAVAGE SUR
PLACE DE BETONNIERE**
[72] BARRY, C. Marvin, CA
[71] OCEAN CONSTRUCTION SUPPLIES
LIMITED, CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,608**
[13]

[51] **Int.Cl. 6A23F 5/04 6A23N 12/08**
[25] EN
[54] **METHOD AND APPARATUS FOR
ROASTING COFFEE**
[54] **METHODE DE TORREFACTION
DU CAFE ET TORREFACTEUR**
[72] FRIEDRICH, Jaromir, CA
[72] LEMAIRE, Raymond, CA
[71] FRIEDRICH, Jaromir, CA
[71] LEMAIRE, Raymond, CA
[22] 1999-03-31
[43] 2000-09-30

[21] **2,267,610**
[13]

[51] **Int.Cl. 6B30B 1/32**
[25] EN
[54] **FLUID ACTIVATED PRESS**
[54] **PRESSE HYDRAULIQUE**
[72] NIELSEN, Larry, CA
[72] BAKER, Gerald Lynn, CA
[71] NIELSEN, Larry, CA
[71] BAKER, Gerald Lynn, CA
[22] 1999-03-31
[43] 2000-09-30

[21] **2,267,640**
[13]

[51] **Int.Cl. 6B29C 45/00**
[25] EN
[54] **METHOD OF MAKING A PLASTIC
CONTAINER WITH INTEGRAL
CHANNEL**
[54] **METHODE DE FABRICATION
D'UN CONTENANT EN PLASTIQUE A
CANAUX INCORPORES**
[72] SIMARD, Sylvain, CA
[72] FILION, François, CA
[71] CAMOPLAST INC., CA
[22] 1999-03-31
[43] 2000-09-30

[21] **2,267,657**
[13]

[51] **Int.Cl. 6C07C 237/22 6A61K 38/05
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64**
[25] EN
[54] **HYDROXYPHENYL
DERIVATIVES WITH HIV INTEGRASE
INHIBITORY PROPERTIES**
[54] **DERIVES
HYDROXYPHENYLIQUES AYANT DES
PROPRIETES INHIBITRICES DE VIH-
INTEGRASE**
[72] GILLES, Sauvé, CA
[72] YELLE, Jocelyn, CA
[71] GILLES, Sauvé, CA
[71] YELLE, Jocelyn, CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,674**
[13]

[51] **Int.Cl. 6H05B 31/24 6F21V 29/00
6G02B 27/18**
[25] EN
[54] **METHOD FOR COOLING AN ARC
LAMP**
[54] **METHODE DE
REFROIDISSEMENT D'UN
PROJECTEUR**
[72] GIBBON, MICHAEL A., CA
[72] TOPORKIEWICZ, Marian, AT
[71] IMAX CORPORATION, CA
[22] 1999-03-31
[43] 2000-09-30

[21] **2,267,677**
[13]

[51] **Int.Cl. 6B01D 21/01 6C02F 9/00**
[25] EN
[54] **FLUID TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE
FLUIDES**
[72] DUNNE, Patrick F., CA
[71] NP INDUSTRIES INC., CA
[22] 1999-03-31
[43] 2000-09-30

[21] **2,267,705**
[13] A1

[51] **Int.Cl. 6B60R 9/06 6B60R 9/08 6B63H
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[25] EN
[54] **OUTBOARD MOTOR AND GAS
TANK CARRIER**
[54] **TRANSPORTEUR DE MOTEUR
HORS-BORD ET DE RESERVOIR**
[72] CUTAJAR, Vince, CA
[72] CHADWICK, Kenneth, CA
[71] CUTAJAR, Vince, CA
[71] CHADWICK, Kenneth, CA
[22] 1999-03-29
[43] 2000-09-29

[21] **2,267,706**
[13] A1

[51] **Int.Cl. 6H01Q 1/36 6H01Q 15/14**
[25] EN
[54] **TOROIDAL ANTENNA**
[54] **ANTENNE TOROIDALE**
[72] JACOBSEN, Per W., CA
[71] JACOBSEN, Per W., CA
[22] 1999-03-29
[43] 2000-09-29

[21] **2,267,707**
[13] A1

[51] **Int.Cl. 6A01B 19/04 6A01B 23/04**
[25] EN
[54] **HARROW**
[54] **HERSE**
[72] DELAURIER, Ronald T., CA
[71] DELAURIER, Ronald T., CA
[22] 1999-03-29
[43] 2000-09-29

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[21] **2,267,712**
[13] A1
[51] **Int.Cl. 6A61L 2/12 6H05B 6/80**
[25] EN
[54] **MICROWAVE STERILIZATION OF FLOWABLE SOLIDS**
[54] **STERILISATION PAR MICRO-ONDES DE SOLIDES FLUIDIFIABLES**
[72] DUNNE, Patrick F., CA
[71] NP INDUSTRIES INC., CA
[22] 1999-03-29
[43] 2000-09-29

[21] **2,267,737**
[13]

[51] **Int.Cl. 6B65G 23/06**
[25] EN
[54] **SPROCKET DRIVE WITH CYLINDRICAL KEYS**
[54] **ENTRAINEMENT A GALETS AVEC CLAVETTES CYLINDRIQUES**
[72] KANARIS, Alexander D., CA
[71] VAN DER GRAAF, INC., CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,743**
[13]

[51] **Int.Cl. 6A61K 31/56 6A61K 9/20**
[25] EN
[54] **LOW DOSE ESTROGEN INTERRUPTED HORMONE REPLACEMENT THERAPY**
[54] **TRAITEMENT HORMONAL SUBSTITUTIF INTERROMPU AVEC FAIBLE DOSE D'OESTROGENE**
[72] CASPER, Robert F., CA
[72] AUSMANAS, Militza K., US
[72] SHANGOLD, Gary A., US
[71] CASPER, Robert F., CA
[71] AUSMANAS, Militza K., US
[71] SHANGOLD, Gary A., US
[22] 1999-04-01
[43] 2000-09-30
[30] US (60/126,970) 1999-03-30

[21] **2,267,749**
[13] A1

[51] **Int.Cl. 6B60R 11/00 6B60R 16/02**
[25] EN
[54] **BLOCK HEATER WIRE AND PLUG HOLDER**
[54] **FIL ET PORTE-PRISE POUR CHAUFFE-MOTEUR**
[72] TONELLO, Paul, CA
[71] TONELLO, Paul, CA
[22] 1999-03-29
[43] 2000-09-29

[21] **2,267,814**
[13] A1

[51] **Int.Cl. 6A47C 1/022 6A47C 1/03**
[25] EN
[54] **UNIVERSAL COMFORT: ANGEL'S WINGS AND CARING HANDS**
[54] **CONFORT UNIVERSEL : AILES D'ANGE ET MAINS PROTECTRICES**
[72] TOLENTINO, Art, CA
[72] CUMMINS, Anne, CA
[71] TOLENTINO, Art, CA
[71] CUMMINS, Anne, CA
[22] 1999-03-25
[43] 2000-09-25

[21] **2,267,821**
[13]

[51] **Int.Cl. 6A61B 5/11**
[25] EN
[54] **KINESIOLOGICAL INSTRUMENT FOR LIMB MOVEMENTS**
[54] **INSTRUMENT KINESIOLOGIQUE POUR LES MOUVEMENTS DES MEMBRES**
[72] SCOTT, Stephen H., CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[22] 1999-03-31
[43] 2000-09-30

[21] **2,267,860**
[13]

[51] **Int.Cl. 6B28C 7/06 6B28B 7/00 6B28B 1/14 6B28C 5/48**
[25] EN
[54] **CONCRETE BLENDER AND MOLD**
[54] **MELANGEUR ET MOULE A BETON**
[72] McSORLEY, Lloyd, CA
[71] EMPIRICAL DEVELOPMENT INC., CA
[22] 1999-03-31
[43] 2000-09-30

[21] **2,267,867**
[13]

[51] **Int.Cl. 6A41D 23/00**
[25] EN
[54] **A SCARF**
[54] **CACHE-COL**
[72] STROSS, Richard J., CA
[71] STROSS, Richard J., CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,267,871**
[13]

[51] **Int.Cl. 6A47J 27/21**
[25] EN
[54] **ELECTRIC KETTLE**
[54] **BOUILLOIRE ELECTRIQUE**
[72] McCLEAN, John, AT
[71] BREVILLE PTY LTD., AU
[22] 1999-03-31
[43] 2000-09-30

[21] **2,267,872**
[13] A1

[51] **Int.Cl. 6B64D 15/04**
[25] EN
[54] **HOT AIR DEICER**
[54] **DEGIVREUR A AIR CHAUD**
[72] CHATMAN, Garry B., CA
[72] TURNER, Alfred C., CA
[71] CHATMAN, Garry B., CA
[71] TURNER, Alfred C., CA
[22] 1999-03-25
[43] 2000-09-25

[21] **2,267,874**
[13]

[51] **Int.Cl. 6B63B 38/00 6B63B 17/00 6B63B 29/00 6B63H 25/00**
[25] EN
[54] **MODIFIED WATER CRAFT**
[54] **VEHICULE MARIN MODIFIE**
[72] PANAR, David, CA
[71] PANAR, David, CA
[22] 1999-03-31
[43] 2000-09-30

[21] **2,267,875**
[13] A1

[51] **Int.Cl. 6B60S 1/68 6B60B 31/00 6B60C 25/00 6B08B 5/04**
[25] EN
[54] **CALCIUM SAVER**
[54] **OUTIL POUR ELIMINER LE CALCIUM**
[72] HILLS, Michael H., CA
[71] HILLS, Michael H., CA
[22] 1999-03-29
[43] 2000-09-29

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[21] **2,267,881**
[13] A1

[51] **Int.Cl. 6C25D 13/02**
[25] EN
[54] **METHOD OF MAKING FAST SOLID STATE GAS SENSORS**
[54] **METHODE DE FABRICATION DE DETECTEURS DE GAZ RAPIDES A SEMI-CONDUCTEURS**
[72] HOSSEINBABAEI, Faramarz, CA
[71] HOSSEINBABAEI, Faramarz, CA
[22] 1999-03-25
[43] 2000-09-25

[21] **2,268,204**
[13]

[51] **Int.Cl. 6B65D 25/20 6B65D 25/22**
[25] EN
[54] **STICKY BACK DISPOSABLE CONTAINER**
[54] **CONTENANT JETABLE A DOS ADHESIF**
[72] HA, SIMON, CA
[71] HA, SIMON, CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,271,711**
[13] A1

[51] **Int.Cl. 6B65G 23/06 6F16H 55/30**
[25] EN
[54] **SPLIT DRIVE SPROCKET FOR A CONVEYOR BELT**
[54] **BARBOTIN EN DEUX PARTIES POUR BANDE TRANSPORTEUSE**
[72] HARVEY, John, US
[71] KVP FALCON PLASTIC BELTING, INC., US
[22] 1999-05-14
[43] 2000-09-29
[30] US (09/280,303) 1999-03-29

[21] **2,267,882**
[13]

[51] **Int.Cl. 6F01L 9/02**
[25] EN
[54] **'ARVS' OR ATTAIN'S ROTOPORT VALVE SYSTEMS**
[54] **ARVS OU SYSTEMES DE SOUPAPES DE ROTOPORT D'ATTAIN'S**
[72] OTTLYK, Nicholas M., CA
[71] OTTLYK, Nicholas M., CA
[22] 1999-03-30
[43] 2000-09-30

[21] **2,270,098**
[13] A1

[51] **Int.Cl. 6G01K 1/00 6G01F 1/00**
[25] EN
[54] **MEASURING DEVICE FOR MEASURING THE FLOW RATE AND TEMPERATURE OF A FLOWABLE MEDIUM**
[54] **MESUREUR DE DEBIT ET DE TEMPERATURE D'UN MILIEU FLUIDE**
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[71] REICH KG REGEL - UND SICHERHEITSTECHNIK, DE
[22] 1999-04-26
[43] 2000-09-26
[30] DE (299 05 655.4) 1999-03-26

[21] **2,271,906**
[13] A1

[51] **Int.Cl. 6F16M 11/20 6B65F 1/00 6B62B 3/10 6B65B 67/12**
[25] EN
[54] **STAND OR WHEELED CART FOR RECYCLING SYSTEM**
[54] **CHARIOT FIXE OU A ROUES POUR SYSTEME DE RECYCLAGE**
[72] SHYSHKA, Timothy, CA
[72] SHYSHKA, Harold, CA
[72] BRYCE, Arthur G., CA
[71] SHYSHKA, Timothy, CA
[71] SHYSHKA, Harold, CA
[71] BRYCE, Arthur G., CA
[22] 1999-05-11
[43] 2000-09-29
[30] US (09/277,830) 1999-03-29

[21] **2,267,883**
[13] A1

[51] **Int.Cl. 6H02G 3/22 6H05B 1/00 6H02B 1/26 6H02B 1/40 6H02B 1/42**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING ONE OR MORE MAINS VOLTAGE ELECTRICAL DEVICES FROM AN EXTRA-LOW VOLTAGE SOURCE**
[54] **SYSTEME ET METHODE DE COMMANDE D'UN OU DE PLUSIEURS DISPOSITIFS ELECTRIQUES A TENSION DE SECTEUR A PARTIR D'UNE SOURCE TRES BASSE TENSION**
[72] O'DONNELL, Patrick, CA
[71] O'DONNELL, Patrick, CA
[22] 1999-03-26
[43] 2000-09-26

[21] **2,270,517**
[13] A1

[51] **Int.Cl. 6B23K 11/14**
[25] EN
[54] **METHOD AND DEVICE FOR MANUFACTURING A PROJECTION WELD CONNECTION FOR PLATE MATERIAL**
[54] **METHODE ET DISPOSITIF DE FABRICATION DE JOINT DE SOUDURE SUR BOSSAGES DE TOLES**
[72] BRAMERVAER, Tom Jansen, NL
[71] ARPLAS PROJECTS BV, NL
[22] 1999-04-30
[43] 2000-09-29
[30] EP (99 200938.1) 1999-03-29

[21] **2,272,269**
[13] A1

[51] **Int.Cl. 6G05D 7/06 6E21B 47/00**
[25] EN
[54] **FLOW RESPONSIVE TIME DELAY PUMP MOTOR CONTROL LOGIC**
[54] **LOGIQUE DE COMMANDE DE MOTEUR DE POMPE TEMPORISE REAGISSANT AU DEBIT**
[72] PIGUE, Paul, US
[72] RASMUSON, Gordon L., US
[72] HUSAIN, Zaki D., US
[71] PRO CAV TECHNOLOGY, L.L.C., US
[22] 1999-05-18
[43] 2000-09-25
[30] US (09/276,250) 1999-03-25

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[21] **2,277,012**
[13] A1
[51] **Int.Cl. 6C08L 9/02**
[25] EN
[54] **HYDROGENATED NITRILE RUBBER COMPOSITIONS CONTAINING THERMOPLASTIC POLYOLEFINS**
[54] **COMPOSITIONS DE CAOUTCHOUC NITRILE HYDROGENE RENFERMANT DES POLYOLEFINES THERMOPLASTIQUES**
[72] RAU, PAUL, US
[72] MILAZZO, PHILIPPE, DE
[71] ZEON CHEMICALS, L.P., US
[22] 1999-07-08
[43] 2000-09-26
[30] US (09/276,792) 1999-03-26

[21] **2,277,252**
[13] A1
[51] **Int.Cl. 6H04B 7/216 6H04Q 7/36**
[25] EN
[54] **SEMI-BLIND MULTI-USER DETECTORS FOR CDMA**
[54] **DETECTEURS MULTI-UTILISATEURS SEMI-AVEUGLES POUR LES SYSTEMES D'AMCR**
[72] HOST-MADSEN, ANDERS, CA
[71] TELECOMMUNICATIONS RESEARCH LABORATORIES, CA
[22] 1999-07-09
[43] 2000-09-25
[30] US (60/126,095) 1999-03-25

[21] **2,281,028**
[13] A1
[51] **Int.Cl. 6H04L 29/06 6H04L 12/56**
[25] EN
[54] **FLEXIBLE TELECOMMUNICATIONS SWITCHING NETWORK**
[54] **RESEAU DE COMMUTATION DE TELECOMMUNICATIONS SOUPLE**
[72] CHRIN, CHRISTOPHER JAMES, US
[72] ZOLA, MEYER JOSEPH, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-08-30
[43] 2000-09-25
[30] US (09/276,187) 1999-03-25

[21] **2,281,266**
[13] A1
[51] **Int.Cl. 6H04H 7/04**
[25] EN
[54] **SEARCH SYSTEM, SEARCH DEVICE AND METHOD, AND INPUT DEVICE AND METHOD**
[54] **SYSTEME DE RECHERCHE, DISPOSITIF ET METHODE DE RECHERCHE, ET DISPOSITIF ET METHODE DE SAISIE**
[72] DEGUCHI, YUICHIRO, JP
[71] SONY CORPORATION, JP
[22] 1999-08-24
[43] 2000-09-25
[30] JP (P11-081533) 1999-03-25

[21] **2,281,856**
[13]
[51] **Int.Cl. 6G06F 7/22 6G11B 23/00**
[25] EN
[54] **INFORMATION PROCESSING SYSTEM AND RECORDING MEDIUM RECORDING A PROGRAM TO CAUSE A COMPUTER TO EXECUTE STEPS**
[54] **SYSTEME DE TRAITEMENT DE L'INFORMATION ET SUPPORT D'ENREGISTREMENT POUR L'ENREGISTREMENT D'UN PROGRAMME D'ORDONNANCEMENT INFORMATIQUE**
[72] TAMURA, TAKAYUKI, JP
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[22] 1999-09-10
[43] 2000-09-30
[30] JP (HEI. 11-087627) 1999-03-30
[30] JP (HEI. 11-191192) 1999-07-06

[21] **2,282,036**
[13] A1
[51] **Int.Cl. 6E06B 11/00**
[25] EN
[54] **ENTRANCE DEVICE HAVING BARRIER ARM UNLOCKING MEANS**
[54] **DISPOSITIF D'ENTREE MUNI DE BRAS D'OUVERTURE DES BARRIERES**
[72] MCGUIRE, JOHN DENNIS, CA
[71] BRASCON ARCHITECTURAL PRODUCTS INC., CA
[22] 1999-09-10
[43] 2000-09-26
[30] CA (2,267,394) 1999-03-26

[21] **2,282,231**
[13]
[51] **Int.Cl. 6F04D 3/02 6F04B 47/00 6F04D 13/12**
[25] EN
[54] **MODULAR DOWNHOLE MULTIPHASE PUMP**
[54] **POMPE MODULAIRE MULTIPHASE DE FOND**
[72] DASS, PRADEEP, CA
[71] DASS, PRADEEP, CA
[22] 1999-09-16
[43] 2000-09-30
[30] US (09/280,557) 1999-03-30

[21] **2,282,778**
[13] A1
[51] **Int.Cl. 7C08G 14/04 7C09D 161/10 7C09J 161/10**
[25] EN
[54] **METHOD FOR THE PREPARATION OF POLYMERS**
[54] **METHODE POUR LA PREPARATION DE POLYMERES**
[72] CHENG, RICK, CA
[72] TANG, KWOK, CA
[72] MATILAINEN, LEENA, FI
[72] SATULI, MATTI, FI
[72] OSTIGUY, CLAUDE, CA
[72] BIAN, GUOMIN, CA
[72] LESKINEN, KARI, FI
[71] NESTE CHEMICALS OY, FI
[22] 1999-09-17
[43] 2000-09-26
[30] FI (990674) 1999-03-26

[21] **2,283,062**
[13]
[51] **Int.Cl. 6H04L 12/54 6H04L 29/06 6H04N 1/32**
[25] EN
[54] **E-MAIL COMMUNICATION APPARATUS, IMAGE COMMUNICATION APPARATUS HAVING THE SAME, INTERNET FACSIMILE APPARATUS, AND E-MAIL COMMUNICATION METHOD**
[54] **APPAREIL DE COURRIER ELECTRONIQUE, APPAREIL DE TRANSMISSION D'IMAGES SIMILAIRE, APPAREIL DE TELECOPIE INTERNET ET METHODE DE TRANSMISSION DE COURRIELS**
[72] AKIMOTO, MASAO, JP
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP
[22] 1999-09-09
[43] 2000-09-30
[30] JP (11-87976) 1999-03-30

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[21] **2,283,065**
[13]

[51] **Int.Cl. 6H04N 1/327 6H04L 12/54**
[25] EN
[54] **IMAGE COMMUNICATION APPARATUS, SERVER APPARATUS, AND CAPABILITY EXCHANGING METHOD**
[54] **APPAREIL DE TRANSMISSION D'IMAGES, SERVEUR ET METHODE D'ECHANGE DE CAPACITE**
[72] TOYODA, KIYOSHI, JP
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP
[22] 1999-09-09
[43] 2000-09-30
[30] JP (11-88236) 1999-03-30

[21] **2,283,067**
[13] A1

[51] **Int.Cl. 6H04N 1/327 6H04L 12/54**
[25] EN
[54] **IMAGE COMMUNICATION APPARATUS, SERVER APPARATUS, AND CAPABILITY EXCHANGING METHOD**
[54] **APPAREIL DE TRANSMISSION D'IMAGES, SERVEUR ET METHODE D'ECHANGE DE CAPACITES**
[72] TOYODA, KIYOSHI, JP
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP
[22] 1999-09-09
[43] 2000-09-29
[30] JP (11-87214) 1999-03-29

[21] **2,283,470**
[13] A1

[51] **Int.Cl. 6C12N 15/54 6C07H 21/00 6A61K 48/00 6C12N 5/10 6C12P 19/34 6C12N 15/63 6C12Q 1/68 6A61K 31/70**
[25] EN
[54] **SCREENING AND THERAPY FOR LYMPHATIC DISORDERS INVOLVING THE FLT4 RECEPTOR TYROSINE KINASE (VEGFR-3)**
[54] **CRIBLAGE ET TRAITEMENT DE TROUBLES LYMPHATIQUES AU MOYEN DE LA TYROSINE KINASE DU RECEPTEUR FLT4 (VEGFR-3)**
[72] ALITALO, KARI, FI
[72] FERRELL, ROBERT E., US
[72] FINEGOLD, DAVID N., US
[72] KARKKAINEN, MARIKA, FI
[71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[71] HELSINKI UNIVERSITY LICENSING LTD. OY, FI
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US
[22] 1999-09-29
[43] 2000-09-26
[30] WO (PCT/US99/06133) 1999-03-26
[30] US (09/375,248) 1999-08-16

[21] **2,284,297**
[13] A1

[51] **Int.Cl. 6B62D 11/10**
[25] EN
[54] **DRIVE AND STEER VEHICLE**
[54] **VEHICULE A TRANSMISSION ET DIRECTION**
[72] HAYES, EUGENE GARY, US
[72] TEAL, RICHARD DONALD, US
[72] GOEBERT, BARRY JOSEPH, US
[72] MARCHESE, DAVID LEWIS, US
[71] DEERE & COMPANY, US
[22] 1999-09-29
[43] 2000-09-26
[30] US (09/280,113) 1999-03-26

[21] **2,284,814**
[13]

[51] **Int.Cl. 6C12N 15/48 6C12N 7/01 6C07K 14/15 6C12N 15/86**
[25] EN
[54] **VARIANT TAX GENE OF BOVINE LEUKEMIA VIRUS**
[54] **VARIANT DU GENE TAX DU VIRUS LEUCEMOGENE BOVIN**
[72] AIDA, YOKO, JP
[72] TAJIMA, SHIGERU, JP
[71] RIKEN, JP
[71] AIDA, YOKO, JP
[71] TAJIMA, SHIGERU, JP
[22] 1999-10-13
[43] 2000-09-30
[30] JP (091875/1999) 1999-03-31

[21] **2,285,162**
[13]

[51] **Int.Cl. 6B01D 53/64**
[25] EN
[54] **MERCURY REMOVAL IN UTILITY WET SCRUBBER USING A CHELATING AGENT**
[54] **ELIMINATION DU MERCURE DANS LES DEPOUSSIERS HUMIDES AUXILIAIRES A L'AIDE D'UN AGENT CHELATEUR**
[72] AMRHEIN, GERALD T., US
[71] MCDERMOTT TECHNOLOGY, INC., US
[22] 1999-10-06
[43] 2000-09-30
[30] US (09/282,816) 1999-03-31

[21] **2,285,381**
[13] A1

[51] **Int.Cl. 6B62D 5/02**
[25] EN
[54] **STEERING DEVICE FOR DRIVE AND STEER TRANSMISSION**
[54] **DISPOSITIF DE DIRECTION POUR ORGANE DE TRANSMISSION ET DE DIRECTION**
[72] TEAL, RICHARD DONALD, US
[72] HAYES, EUGENE GARY, US
[72] GOEBERT, BARRY JOSEPH, US
[72] MARCHESE, DAVID LEWIS, US
[71] DEERE & COMPANY, US
[22] 1999-10-05
[43] 2000-09-26
[30] US (09/277,418) 1999-03-26

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[21] **2,285,778**
[13]

[51] **Int.Cl. 6B24D 3/30**
[25] EN
[54] **METAL-RESIN BOND GRINDSTONE AND METHOD FOR MANUFACTURING THE SAME**
[54] **MEULE A MATRICE DE RESINE-METAL ET METHODE DE FABRICATION DE CETTE MEULE**
[72] IINO, TOSHIKI, JP
[72] KASAI, TOSHIO, JP
[72] OHMORI, HITOSHI, JP
[72] HORIO, KENICHIRO, JP
[72] ISHII, MASAYUKI, JP
[72] KARAKI-DOY, TOSHIROH, JP
[72] ITOH, NOBUHIDE, JP
[71] RIKEN, JP
[71] FUJI DIE CO., LTD., JP
[22] 1999-10-08
[43] 2000-09-30
[30] JP (90383/1999) 1999-03-31

[21] **2,286,946**
[13] A1

[51] **Int.Cl. 6F16B 37/04**
[25] EN
[54] **SELF-PIERCING CLINCH NUT**
[54] **ECROU A RIVER AUTOTARAUEUX POUR CELLULE**
[72] UMBEL, STANLEY H., US
[72] PAMER, W. RICHARD, US
[71] R B & W CORPORATION, US
[22] 1999-10-20
[43] 2000-09-24
[30] US (09/275,309) 1999-03-24

[21] **2,286,949**
[13]

[51] **Int.Cl. 6E03F 3/06 6F16L 1/024 6B60P 1/54 6E02F 3/76**
[25] EN
[54] **BULLDOZER/PIPELAYER COMBINATION**
[54] **BOUTEUR/TRACTEUR POSEUR DE CANALISATIONS COMBINES**
[72] FORSYTH, RAYMOND, CA
[71] VANGUARD EQUIPMENT, INC., CA
[22] 1999-10-18
[43] 2000-09-30
[30] US (09/281,440) 1999-03-30

[21] **2,286,997**
[13] A1

[51] **Int.Cl. 6H01P 1/207**
[25] EN
[54] **GENERAL RESPONSE DUAL-MODE, DIELECTRIC RESONATOR LOADED CAVITY FILTER**
[54] **FILTRE BIMODE A CAVITE CHARGEE PAR RESONATEUR DIELECTRIQUE A REPONSE GENERALE**
[72] FIEDZIUSZKO, SLAWOMIR J., US
[72] FIEDZIUSZKO, GEORGE A., US
[71] SPACE SYSTEMS/LORAL, INC., US
[22] 1999-10-19
[43] 2000-09-27
[30] US (09/277,810) 1999-03-27

[21] **2,287,152**
[13] A1

[51] **Int.Cl. 6H01P 1/208**
[25] EN
[54] **PLANAR GENERAL RESPONSE DUAL-MODE CAVITY FILTER**
[54] **FILTRE PLANAIRE BIMODE A CAVITE A REPONSE GENERALE**
[72] FIEDZIUSZKO, GEORGE A., US
[72] FIEDZIUSZKO, SLAWOMIR J., US
[71] SPACE SYSTEMS/LORAL, INC., US
[22] 1999-10-19
[43] 2000-09-27
[30] US (09/277,811) 1999-03-27

[21] **2,287,632**
[13] A1

[51] **Int.Cl. 6F16B 39/38**
[25] EN
[54] **LOCK NUT**
[54] **CONTRE-ECROU**
[72] TAKATA, SHIGENOBU, JP
[72] MATSUDA, KEIJI, JP
[72] ONO, RIKIO, JP
[71] KAWASAKI STEEL CORPORATION, JP
[22] 1999-10-27
[43] 2000-09-25
[30] JP (11-080753) 1999-03-25

[21] **2,287,724**
[13] A1

[51] **Int.Cl. 6B62D 5/00 6F16H 37/08**
[25] EN
[54] **EFFECTIVE GEAR REDUCTION IN LAWN TRACTOR TRANSMISSION**
[54] **DISPOSITIF DE REDUCTION D'ENGRENAGE ACTIF POUR TRANSMISSION DE TONDEUSE A SIEGE**
[72] GOEBERT, BARRY JOSEPH, US
[72] MARCHESE, DAVID LEWIS, US
[72] TEAL, RICHARD DONALD, US
[72] HAYES, EUGENE GARY, US
[71] DEERE & COMPANY, US
[22] 1999-10-28
[43] 2000-09-26
[30] US (09/277,344) 1999-03-26

[21] **2,288,574**
[13] A1

[51] **Int.Cl. 7B62D 5/02 7B60K 5/00**
[25] EN
[54] **LAWN TRACTOR VEHICLE**
[54] **TONDEUSE A SIEGE**
[72] TEAL, RICHARD DONALD, US
[72] HAYES, EUGENE GARY, US
[72] MARCHESE, DAVID LEWIS, US
[72] GOEBERT, BARRY JOSEPH, US
[71] DEERE & COMPANY, US
[22] 1999-11-04
[43] 2000-09-26
[30] US (09/277,351) 1999-03-26

[21] **2,288,576**
[13] A1

[51] **Int.Cl. 7B62D 5/02**
[25] EN
[54] **MECHANISM FOR CORRECT STEERING IN REVERSE**
[54] **MECANISME POUR OBTENIR LA BONNE DIRECTION EN MARCHE ARRIERE**
[72] TEAL, RICHARD DONALD, US
[72] HAYES, EUGENE GARY, US
[72] GOEBERT, BARRY JOSEPH, US
[72] MARCHESE, DAVID LEWIS, US
[71] DEERE & COMPANY, US
[22] 1999-11-04
[43] 2000-09-26
[30] US (09/277,346) 1999-03-26

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[21] **2,288,591**
[13]

[51] **Int.Cl. 7G11B 23/03 7D21H 11/12**
[25] EN
[54] **CD PACKAGE**
[54] **BOITIER POUR DISQUE COMPACT**
[72] SHIMIZU, HIROKAZU, JP
[71] SHIMIZU PRINTING & PACKAGING CO., LTD., JP
[71] FUJI CONE SEISAKUSHO CO., LTD., JP
[22] 1999-11-08
[43] 2000-09-30
[30] JP (11-2022) 1999-03-31

[21] **2,290,289**
[13]

[51] **Int.Cl. 7G06F 11/30**
[25] EN
[54] **CLUSTER NODE DISTRESS SIGNAL**
[54] **SIGNAL DE DETRESSE DE NOEUD APPARTENANT A UNE GRAPPE**
[72] RABE, RODNEY LEE, US
[72] BLOCK, TIMOTHY ROY, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1999-11-22
[43] 2000-09-30
[30] US (09/281,026) 1999-03-30

[21] **2,291,893**
[13] A1

[51] **Int.Cl. 7B43M 5/04**
[25] EN
[54] **SIMPLE PRESSURE SEAL UNITS AND METHODS**
[54] **APPAREILS ET METHODES DE SCELLEMENT PAR SIMPLE PRESSION**
[72] MEYER, RICHARD C., US
[72] PARKER, REBECCA L., US
[71] MOORE NORTH AMERICA, INC., US
[22] 1999-12-08
[43] 2000-09-24
[30] US (09/274,992) 1999-03-24

[21] **2,289,135**
[13] A1

[51] **Int.Cl. 6B65G 57/26**
[25] EN
[54] **STICKER PLACEMENT APPARATUS**
[54] **APPAREIL POUR PLACER DES AUTOCOLLANTS**
[72] RITOLA, EDWARD W., US
[71] U.S. NATURAL RESOURCES, INC., US
[22] 1999-11-09
[43] 2000-09-26
[30] US (09/277,625) 1999-03-26

[21] **2,290,305**
[13]

[51] **Int.Cl. 7B44C 1/00**
[25] EN
[54] **INTERIOR WALL COVERING**
[54] **REVETEMENT MURAL INTERIEUR**
[72] GLENN, LIZA M., US
[72] GAUSS, JANE S., US
[71] GLENN, LIZA M., US
[71] GAUSS, JANE S., US
[22] 1999-11-24
[43] 2000-09-30
[30] US (60/127,103) 1999-03-31

[21] **2,291,946**
[13] A1

[51] **Int.Cl. 7E05B 47/00 7E05B 1/00 7E05B 65/12**
[25] EN
[54] **SAFETY HANDLE FOR TRUNK OF VEHICLE**
[54] **POIGNEE DE SECURITE POUR COFFRE DE VEHICULE**
[72] BINGLE, ROBERT L., US
[72] KOOPS, ROGER L., US
[71] DONNELLY CORPORATION, US
[22] 1999-12-09
[43] 2000-09-24
[30] US (09/275,565) 1999-03-24

[21] **2,289,954**
[13]

[51] **Int.Cl. 7H04M 11/00 7H04M 11/06**
[25] EN
[54] **SWITCH FOR TELEPHONE LINE**
[54] **COMMUTATEUR POUR LIGNE TELEPHONIQUE**
[72] VENTURA, PAUL A., CA
[71] VENTURA, PAUL A., CA
[22] 1999-11-16
[43] 2000-09-30
[30] US (60/127,012) 1999-03-31

[21] **2,290,917**
[13] A1

[51] **Int.Cl. 7E04F 19/00**
[25] EN
[54] **EXTERNAL CORNER FORMATIVE MEMBER**
[54] **ELEMENT FORMANT DE COIN EXTERNE**
[72] WATANABE, MORIMICHI, JP
[71] NICHIIHA CORPORATION, JP
[22] 1999-11-29
[43] 2000-09-24
[30] JP (79826/1999) 1999-03-24

[21] **2,292,040**
[13] A1

[51] **Int.Cl. 7G06F 9/52 7G11B 23/00**
[25] EN
[54] **INTERFACE SYSTEM AND METHOD FOR ASYNCHRONOUSLY UPDATING A SHARED RESOURCE**
[54] **SYSTEME ET METHODE D'INTERFACE POUR LA MISE A JOUR ASYNCHRONE D'UNE RESSOURCE PARTAGEE**
[72] MARCOTTE, SCOTT T., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1999-12-10
[43] 2000-09-25
[30] US (09/275,792) 1999-03-25

[21] **2,291,745**
[13] A1

[51] **Int.Cl. 7G05G 1/14 7B60T 7/04**
[25] EN
[54] **BREAK AWAY PEDAL**
[54] **PEDALE A ECARTEMENT**
[72] BORTOLON, CHRISTOPHER, US
[72] REIDEL, ROLF HERBERT, CA
[72] ENGELGAU, STEVEN J., US
[71] TELEFLEX, INC., US
[22] 1999-12-03
[43] 2000-09-24
[30] US (09/275,560) 1999-03-24

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[21] **2,292,727**
[13] A1
[51] **Int.Cl. 7G09F 23/00 7G09F 23/06 7A47G 19/22**
[25] EN
[54] **IMAGE CUP FOR DECORATION AND METHOD FOR PROJECTING IMAGE USING THE SAME**
[54] **TASSE AVEC IMAGE DECORATIVE ET METHODE DE PROJECTION DE L'IMAGE A L'AIDE DE LA TASSE**
[72] JANG, JAE-HYUNG, KR
[71] SONG, DONG-HO, KR
[22] 1999-12-20
[43] 2000-09-25
[30] KR (10365/1999) 1999-03-25

[21] **2,293,911**
[13] A1
[51] **Int.Cl. 7H04B 3/23 7H04B 7/015 7H04M 1/20**
[25] EN
[54] **ECHO CANCELLING/SUPPRESSION FOR HANDSETS**
[54] **ANNULATION/SUPPRESSION D'ECHO POUR COMBINES**
[72] POPOVIC, MIRJANA, CA
[72] SCHULZ, DIETER, CA
[71] MITEL CORPORATION, CA
[22] 1999-12-29
[43] 2000-09-26
[30] GB (9907102.9) 1999-03-26

[21] **2,293,917**
[13] A1
[51] **Int.Cl. 7G01N 29/28 7G01N 25/20**
[25] EN
[54] **PHOTOACOUSTIC SAMPLE VESSEL AND METHOD OF ELEVATED PRESSURE OPERATION**
[54] **RECIPIENT D'ECHANTILLONNAGE PHOTOACOUSTIQUE ET MODE DE FONCTIONNEMENT A PRESSION ELEVEE**
[72] YONKER, CLEMENT R., US
[72] AUTREY, TOM, US
[71] BATTELLE MEMORIAL INSTITUTE, US
[22] 1999-12-31
[43] 2000-09-26
[30] US (09/277,687) 1999-03-26

[21] **2,294,405**
[13] A1
[51] **Int.Cl. 7E04B 1/38**
[25] EN
[54] **METAL FIXTURE ASSEMBLY FOR INSTALLATION OF VERTICAL SIDINGS, CONSTRUCTION AND METHOD OF THE INSTALLATION**
[54] **FIXATION EN METAL POUR POSE DE REVETEMENTS MURAUX EXTERIEURS VERTICAUX, CONSTRUCTION ET METHODE DE POSE**
[72] WATANABE, MORIMICHI, JP
[71] NICHIIHA CO., LTD., JP
[22] 2000-01-07
[43] 2000-09-26
[30] JP (083853/1999) 1999-03-26

[21] **2,295,287**
[13] A1
[51] **Int.Cl. 7B21B 1/02**
[25] EN
[54] **SLITTER FOR THE PURPOSE OF MULTIPLE SECTIONS**
[54] **MACHINE A REFENDRE SERVANT DANS LE CAS DE SECTIONS MULTIPLES**
[72] FABRIS, MARIO, CA
[71] FABRIS, MARIO, CA
[22] 2000-01-12
[43] 2000-09-24
[30] US (09/275111) 1999-03-24

[21] **2,295,415**
[13] A1
[51] **Int.Cl. 7F16B 2/14 7E04F 19/02 7F16B 5/06 7F16B 5/12**
[25] EN
[54] **COUPLING ASSEMBLY, CONNECTING MEMBER AND ARTICLES MANUFACTURED THEREFROM**
[54] **ENSEMBLE D'ACCOUPEMENT, ELEMENT DE CONNEXION ET ARTICLES AINSI FABRIQUES**
[72] NELSON, THOMAS J., US
[71] PREMARK RWP HOLDINGS, INC., US
[22] 2000-01-14
[43] 2000-09-26
[30] US (09/277,184) 1999-03-26

[21] **2,296,258**
[13] A1
[51] **Int.Cl. 7A01D 34/14**
[25] EN
[54] **KNIFE SECTION HAVING BREAKAGE HOLES**
[54] **SECTION DE COUTEAU COMPORTANT DES TROUS DE RUPTURE**
[72] MCCREDIE, PAUL JOHN, US
[71] DEERE & COMPANY, US
[22] 2000-01-19
[43] 2000-09-24
[30] US (09/275,206) 1999-03-24

[21] **2,296,874**
[13] A1
[51] **Int.Cl. 7F16B 2/20**
[25] EN
[54] **SWIVEL HINGE FOR A CLIP**
[54] **CHARNIERE ARTICULEE POUR PINCE**
[72] MEYER, CHARLES, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-01-25
[43] 2000-09-25
[30] US (09/276,035) 1999-03-25

[21] **2,296,875**
[13] A1
[51] **Int.Cl. 7H05B 3/10 7H05B 3/84**
[25] EN
[54] **HEATER WITH PTC ELEMENT AND BUSS SYSTEM**
[54] **APPAREIL DE CHAUFFAGE AVEC ELEMENT A COEFFICIENT DE TEMPERATURE POSITIF ET SYSTEME A BUS**
[72] BULGAJEWSKI, EDWARD, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-01-25
[43] 2000-09-29
[30] US (09/281,099) 1999-03-29

[21] **2,296,890**
[13] A1
[51] **Int.Cl. 7H02H 1/04 7H02H 7/20 7H02H 3/22**
[25] EN
[54] **CATEGORY 5/25-PAIR PROTECTOR**
[54] **PROTECTEUR DE 25 PAIRES DE CIRCUITS DE CATEGORIE 5**
[72] MASGHATI, MOHAMMAD, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-01-24
[43] 2000-09-24
[30] US (09/275,199) 1999-03-24

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[21] **2,296,921**
[13] A1

[51] **Int.Cl. 7H04L 12/66**
[25] EN
[54] **A LARGE COMBINED BROADBAND AND NARROWBAND SWITCH**
[54] **GRAND COMMUTATEUR A COMBINAISON DE LARGE BANDE ET DE BANDE ETROITE**
[72] DOMBKOWSKI, KEVIN EUGENE, US
[72] CHRIN, CHRISTOPHER JAMES, US
[72] ZOLA, MEYER JOSEPH, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-01-21
[43] 2000-09-25
[30] US (09/276,188) 1999-03-25

[21] **2,296,941**
[13] A1

[51] **Int.Cl. 7H04M 3/537 7H04M 3/533**
[25] EN
[54] **NETWORK BASED VOICE MAIL SYSTEM WITH TOLLSAVER FEATURE**
[54] **MESSAGERIE VOCALE RESEAU D'INTERURBAIN**
[72] DEVITO, NICHOLAS MICHAEL, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-01-21
[43] 2000-09-24
[30] US (60/125,862) 1999-03-24
[30] US (09/382,385) 1999-08-24

[21] **2,296,952**
[13] A1

[51] **Int.Cl. 7H01R 4/64 7H02G 3/08**
[25] EN
[54] **RECEPTACLE GROUNDING WIRE**
[54] **FIL DE MISE A LA TERRE DE PRISE**
[72] TODD, JAMES H., JR., US
[71] PASS & SEYMOUR, INC., US
[22] 2000-01-26
[43] 2000-09-24
[30] US (09/275,322) 1999-03-24

[21] **2,297,242**
[13]

[51] **Int.Cl. 7A01C 7/20 7B65G 53/34**
[25] EN
[54] **DISTRIBUTION MANIFOLD FOR AIR SEEDER**
[54] **COLLECTEUR DE DISTRIBUTION POUR SEMOIR PNEUMATIQUE**
[72] WISOR, DONALD RAYMOND, US
[72] SNIPES, TERRY LEE, US
[72] GREGOR, DAVID WALTER, US
[71] DEERE & COMPANY, US
[22] 2000-01-26
[43] 2000-09-30
[30] US (09/281,556) 1999-03-30

[21] **2,297,368**
[13] A1

[51] **Int.Cl. 7A61B 3/10**
[25] EN
[54] **IN VITRO EVALUATION OF ANIMAL OR HUMAN LENS CHARACTERISTICS**
[54] **EVALUATION IN VITRO DES CARACTERISTIQUES DU CRISTALLIN ANIMAL OU HUMAIN**
[72] SIVAK, JACOB G., CA
[71] XTOX SCIENTIFIC INC., CA
[22] 2000-01-27
[43] 2000-09-26
[30] US (09/276638) 1999-03-26

[21] **2,297,647**
[13]

[51] **Int.Cl. 7H04M 11/00 7H04L 29/06 7H04M 1/26 7H04M 3/42**
[25] EN
[54] **COMPUTER NETWORK TELEPHONY**
[54] **TELEPHONIE PAR RESEAU INFORMATIQUE**
[72] SANDERS, JEREMY GUY, GB
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-01-28
[43] 2000-09-30
[30] GB (9907319.9) 1999-03-31

[21] **2,297,858**
[13] A1

[51] **Int.Cl. 7B25B 25/00 7F16K 31/44**
[25] EN
[54] **TENSIONING TOOL WITH BIASED COLLAR VALVE ACTUATOR AND METHOD THEREFOR**
[54] **OUTIL DE TENSION A POUSSOIR SUR BAGUE ORIENTE ET METHODE CONNEXE**
[72] FIGIEL, JANUSZ, US
[72] ANGAROLA, BARRY R., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-01-31
[43] 2000-09-24
[30] US (09/275,928) 1999-03-24

[21] **2,298,036**
[13] A1

[51] **Int.Cl. 7B01F 7/22**
[25] EN
[54] **HIGH AXIAL FLOW GLASS COATED IMPELLER**
[54] **TURBINE A FORT ECOULEMENT AXIAL REVETUE DE VERRE**
[72] RICKMAN, WAYNE N., US
[72] MCGRATH, PHILIP E., US
[72] HEINZMANN, MATTHIAS GEORG, DE
[71] PFAUDLER, INC., US
[22] 2000-02-02
[43] 2000-09-24
[30] US (09/275,618) 1999-03-24

[21] **2,298,136**
[13]

[51] **Int.Cl. 7D06F 39/14 7D06F 39/02 7A47L 15/42 7A47L 15/44**
[25] EN
[54] **APPARATUS AND METHOD FOR ASSEMBLING WASHING MACHINE LID ASSEMBLY**
[54] **APPAREIL ET METHODE DE MONTAGE DE COUVERCLE DE MACHINE A LAVER**
[72] BRUNTZ, JORDAN S., US
[72] LAFRENZ, MICHAEL D., US
[72] DUNSBERGEN, KIRK M., US
[72] WUNDERLICH, DANIEL F., US
[71] MAYTAG CORPORATION, US
[22] 2000-02-04
[43] 2000-09-30
[30] US (09/283,814) 1999-03-31

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[21] **2,298,228**
[13]

[51] **Int.Cl. 7D06F 39/14 7D06F 39/02 7A47L 15/44**
[25] EN
[54] **WASHER LID HAVING FLUID DISPENSER AND METHOD FOR USING SAME**
[54] **COUVERCLE DE MACHINE A LAVER COMPRENANT UN DISTRIBUTEUR DE LIQUIDE, ET METHODE D'UTILISATION**
[72] LANGEL, LUANN E., US
[72] SEARS, JEFFREY L., US
[72] WUNDERLICH, DANIEL F., US
[72] DUNSBERGEN, KIRK M., US
[72] PURTILO, DENNIS L., US
[71] MAYTAG CORPORATION, US
[22] 2000-02-04
[43] 2000-09-30
[30] US (09/282,746) 1999-03-31

[21] **2,298,230**
[13]

[51] **Int.Cl. 7D06F 39/14 7A47L 15/42**
[25] EN
[54] **SEALED TOP COVER AND LID FOR WASHING MACHINE**
[54] **PANNEAU SUPERIEUR ETANCHE ET COUVERCLE POUR MACHINE A LAVER**
[72] SCHOBBER, STEPHEN D., US
[72] WRIGHT, MICHAEL L., US
[71] MAYTAG CORPORATION, US
[22] 2000-02-04
[43] 2000-09-30
[30] US (09/282,973) 1999-03-31

[21] **2,298,236**
[13] A1

[51] **Int.Cl. 7B01J 13/02 7F42B 12/40 7A61K 9/48**
[25] EN
[54] **FLEXIBLE GELATIN FREE ENCAPSULATION MATERIAL USEFUL FOR PHARMACEUTICALS, PAINT BALLS AND OTHER FORMULATIONS**
[54] **MATERIAU D'ENCAPSULATION SOUPLE SANS GELATINE UTILE POUR LES PRODUITS PHARMACEUTIQUES, LES PROJECTILES DE PEINTURE ET D'AUTRES PREPARATIONS**
[72] LABA, DENNIS, US
[72] GAMBINO, JAMES, US
[71] RHEOX, INC., US
[22] 2000-02-08
[43] 2000-09-24
[30] US (09/275,090) 1999-03-24

[21] **2,298,390**
[13]

[51] **Int.Cl. 7E21B 17/01 7E21B 33/038 7B63B 35/44**
[25] EN
[54] **UNIVERSAL CATENARY RISER SUPPORT**
[54] **SUPPORT UNIVERSEL POUR CATENAIRE POUR TUBE PROLONGATEUR**
[72] FINN, LYLE DAVID, US
[71] DEEP OIL TECHNOLOGY, INCORPORATED, US
[22] 2000-02-14
[43] 2000-09-30
[30] US (09/281,453) 1999-03-30

[21] **2,298,394**
[13] A1

[51] **Int.Cl. 7G01S 7/524**
[25] EN
[54] **SELF BIASED TRANSDUCER ASSEMBLY AND HIGH VOLTAGE DRIVE CIRCUIT**
[54] **ENSEMBLE DE TRANSDUCTEUR AUTO-POLARISE ET CIRCUIT D'ATTAQUE HAUTE TENSION**
[72] XU, QI-CHANGE, US
[72] SKINNER, COLIN W., US
[71] L-3 COMMUNICATIONS CORPORATION, US
[22] 2000-02-14
[43] 2000-09-25
[30] US (09/276,030) 1999-03-25

[21] **2,298,404**
[13]

[51] **Int.Cl. 7G06F 9/44 7G06F 9/445**
[25] EN
[54] **METHOD, SYSTEM AND PROGRAM PRODUCTS FOR MANAGING THE CHECKPOINT/RESTARTING OF RESOURCES OF A COMPUTING ENVIRONMENT**
[54] **METHODE, SYSTEME ET PRODUITS DE PROGRAMME POUR LA GESTION DE POINTS DE CONTROLE ET DE REDEMARRAGE DE RESSOURCES D'UN ENVIRONNEMENT INFORMATIQUE**
[72] KRISHNAKUMAR, SRIRAMA MANDYAM, US
[72] PERSHING, JOHN ARTHUR JR., US
[72] JEROME, WILLIAM FRANCIS, US
[72] FONG, LIANA LIYOW, US
[72] FAKHOURI, AHMED-SAMEH AFIF, US
[72] NAIK, VIJAY KRISHNARAO, US
[72] CHANDRA, TUSHAR DEEPAK, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-02-16
[43] 2000-09-30
[30] US (09/280,531) 1999-03-30

[21] **2,298,430**
[13] A1

[51] **Int.Cl. 7G01C 25/00 7G01F 23/292**
[25] EN
[54] **LASER MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE AU LASER**
[72] SCHRANK, WILLI, DE
[71] ENDRESS + HAUSER GMBH + CO., DE
[22] 2000-02-10
[43] 2000-09-25
[30] EP (99 10 6020.3) 1999-03-25

[21] **2,298,437**
[13]

[51] **Int.Cl. 7G06F 9/44 7G11B 23/00**
[25] EN
[54] **ICONIC GROUPS**
[54] **GESTION DE GROUPES D'ICONES**
[72] AMRO, HATIM YOUSEF, US
[72] DODSON, JOHN PAUL, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-02-16
[43] 2000-09-30
[30] US (09/282,623) 1999-03-31

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[21] **2,298,457**
[13] A1

[51] **Int.Cl. 7G01V 3/32**
[25] EN
[54] **NUCLEAR MAGNETIC RESONANCE WELL LOGGING METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE DIAGRAPHIE PAR RESONANCE MAGNETIQUE NUCLEAIRE**
[72] SPEIER, PETER, US
[72] STRALEY, CHRISTIAN, US
[72] TAHERIAN, REZA, US
[72] SUN, BOQIN, US
[72] GANESAN, KRISHNAMURTHY, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2000-02-11
[43] 2000-09-25
[30] US (09/276049) 1999-03-25

[21] **2,298,726**
[13] A1

[51] **Int.Cl. 7B29C 51/42**
[25] EN
[54] **VACUUM AND PRESSURE TIGHT COOLING-VENTILATING DEVICE FOR THERMOFORMING STATIONS**
[54] **DISPOSITIF DE REFROIDISSEMENT-DE VENTILATION SOUS VIDE ET ETANCHE POUR POSTES DE THERMOFORMAGE**
[72] DE NICHILO, GIORGIO, IT
[71] GAM IMPIANTI S.A., CH
[22] 2000-02-16
[43] 2000-09-26
[30] IT (MI99A-000638) 1999-03-26

[21] **2,298,780**
[13]

[51] **Int.Cl. 7G06F 12/00 7G11B 23/00**
[25] EN
[54] **I/O PAGE KILL DEFINITION FOR IMPROVED DMA AND L1/L2 CACHE PERFORMANCE**
[54] **DEFINITION DE SUPPRESSION DE PAGE D'E/S POUR AMELIORATION DES PERFORMANCES EN DMA ET DES PERFORMANCES D'ANTEMEMOIRES DE NIVEAUX 1 ET 2**
[72] FREY, BRADLY GEORGE, US
[72] ARROYO, RONALD XAVIER, US
[72] GUTHRIE, GUY LYNN, US
[72] ANDERSON, GARY DEAN, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-02-16
[43] 2000-09-30
[30] US (09/282,631) 1999-03-31

[21] **2,298,783**
[13]

[51] **Int.Cl. 7H04L 12/02 7H04L 12/28**
[25] EN
[54] **USB-BASED NETWORKING AND I/O HUB**
[54] **RESEAUTAGE ET NOEUD D'E/S BASES SUR LE BUS USB**
[72] BEALKOWSKI, RICHARD, US
[72] BLAND, PATRICK M., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-02-16
[43] 2000-09-30
[30] US (09/283,360) 1999-03-31

[21] **2,298,796**
[13]

[51] **Int.Cl. 7H02J 1/00 7G06F 1/26**
[25] EN
[54] **HOT-PLUGGABLE VOLTAGE REGULATOR MODULE**
[54] **MODULE REGULATEUR DE TENSION ENFICHABLE DANS UN SYSTEME EN FONCTIONNEMENT**
[72] THOMSEN, PETER MATTHEW, US
[72] MUELLER, MARK WAYNE, US
[72] WALTER, LUCINDA MAE, US
[72] JOHARI, GIRISH CHANDRA, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-02-16
[43] 2000-09-30
[30] US (09/281,081) 1999-03-30

[21] **2,298,993**
[13] A1

[51] **Int.Cl. 7A61C 13/15**
[25] EN
[54] **LIGHT CURING DEVICE**
[54] **PHOTOPOLYMERISEUSE**
[72] ROHNER, GOTTFRIED, CH
[72] BURTSCHER, PETER, AT
[72] SENN, BRUNO, CH
[71] IVOCLAR AG, LI
[22] 2000-02-21
[43] 2000-09-26
[30] DE (P 199 13 890.7) 1999-03-26

[21] **2,299,009**
[13] A1

[51] **Int.Cl. 7A61C 13/20 7F27B 9/40**
[25] EN
[54] **METHOD OF CONTROLLING AN OVEN**
[54] **METHODE DE COMMANDE DE FOUR**
[72] ULBRICHT, HORST, LI
[72] FOSER, HANS PETER, LI
[72] HOLAND, WOLFRAM, LI
[72] LORUNSER, JOHANNES, AT
[72] ROHNER, GOTTFRIED, CH
[72] SCHWEIGER, MARCEL, CH
[71] IVOCLAR AG, LI
[22] 2000-02-21
[43] 2000-09-26
[30] DE (P 199 13 891.5) 1999-03-26

[21] **2,299,039**
[13]

[51] **Int.Cl. 7H04L 29/02**
[25] EN
[54] **USING VIRTUAL URLS FOR LOAD BALANCING**
[54] **UTILISATION D'URL VIRTUELS POUR L'EQUILIBRAGE DE LA CHARGE**
[72] LITA, CHRISTIAN, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-02-21
[43] 2000-09-30
[30] US (09/282,692) 1999-03-31

[21] **2,299,093**
[13]

[51] **Int.Cl. 7B23B 45/00**
[25] EN
[54] **DRILL/DRIVER CHUCK**
[54] **MANDRIN PORTE-FORET/PORTE-EMBOUIT DE TOURNEVIS**
[72] WALKER, ANDREW, GB
[71] BLACK & DECKER INC., US
[22] 2000-02-22
[43] 2000-09-30
[30] GB (9907468.4) 1999-03-31

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[21] **2,299,155**
[13] A1

[51] **Int.Cl. 7F23D 14/12 7F26B 3/30**
[25] FR
[54] **DISPOSITIF DE COMBUSTION CATALYTIQUE EMETTANT UN RAYONNEMENT INFRAROUGE**
[54] **CATALYTIC COMBUSTION DEVICE EMITTING INFRARED RADIATION**
[72] CHARMES, MICHEL, FR
[72] ROGEMOND, ERIC, FR
[71] SUNKISS, FR
[22] 2000-02-23
[43] 2000-09-25
[30] FR (99 03905) 1999-03-25

[21] **2,299,201**
[13]

[51] **Int.Cl. 7D21H 17/71**
[25] EN
[54] **METHOD FOR REDUCING THE POLYMER AND BENTONITE REQUIREMENT IN PAPERMAKING**
[54] **METHODE POUR REDUIRE LES EXIGENCES EN POLYMER ET EN BENTONITE LORS DE LA FABRICATION DU PAPIER**
[72] TALMADGE, CHARLES, US
[72] HUMPHREYS, HARRY N., US
[71] BASF CORPORATION, US
[22] 2000-02-16
[43] 2000-09-30
[30] US (09/281,400) 1999-03-30

[21] **2,299,229**
[13]

[51] **Int.Cl. 7C10M 139/00**
[25] EN
[54] **LUBRICANTS CONTAINING MOLYBDENUM COMPOUNDS, PHENATES AND DIARYLAMINES**
[54] **LUBRIFIANTS RENFERMANT DES COMPOSES MOLYBDENES, DES PHENATES ET DES DIARYLAMINES**
[72] KUO, CHENG, US
[72] PEROZZI, EDMUND F., US
[72] GATTO, VINCENT JAMES, US
[71] ETHYL CORPORATION, US
[22] 2000-02-25
[43] 2000-09-30
[30] US (09/281,747) 1999-03-30

[21] **2,299,547**
[13]

[51] **Int.Cl. 7G06F 15/17**
[25] EN
[54] **PCI SLOT CONTROL APPARATUS WITH DYNAMIC CONFIGURATION FOR PARTITIONED SYSTEMS**
[54] **DISPOSITIF DE COMMANDE DE FENTE PCI AVEC CONFIGURATION DYNAMIQUE POUR SYSTEMES PARTITIONNES**
[72] BLAND, PATRICK M., US
[72] BEALKOWSKI, RICHARD, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-02-25
[43] 2000-09-30
[30] US (09/283,363) 1999-03-31

[21] **2,299,550**
[13]

[51] **Int.Cl. 7G06F 15/17 7G06F 13/14**
[25] EN
[54] **DYNAMIC I/O ALLOCATION IN A PARTITIONED COMPUTER SYSTEM**
[54] **ALLOCATION DYNAMIQUE D'E/S DANS UN SYSTEME INFORMATIQUE PARTITIONNE**
[72] BLAND, PATRICK M., US
[72] BEALKOWSKI, RICHARD, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-02-25
[43] 2000-09-30
[30] US (09/283,361) 1999-03-31

[21] **2,299,635**
[13]

[51] **Int.Cl. 7H04B 10/18**
[25] FR
[54] **DISPOSITIF ET PROCEDE DE COMPENSATION DE LA DISPERSION DE POLARISATION DANS UN SYSTEME DE TRANSMISSION OPTIQUE**
[54] **COMPENSATION PROCESS AND DEVICE FOR DISPERSION OF POLARIZATION IN AN OPTICAL TRANSMISSION SYSTEM**
[72] ROY, FABIEN, FR
[72] PENNINGCKX, DENIS, FR
[71] ALCATEL, FR
[22] 2000-02-25
[43] 2000-09-30
[30] FR (99 04 058) 1999-03-31

[21] **2,299,674**
[13] A1

[51] **Int.Cl. 7B22D 11/06**
[25] FR
[54] **PROCEDE DE FABRICATION DE BANDES EN ACIER AU CARBONE PAR COULEE CONTINUE ENTRE DEUX CYLINDRES**
[54] **PROCEDURE FOR THE FABRICATION OF CARBON STEEL BANDS BY CONTINUOUS CASTING BETWEEN TWO CYLINDERS**
[72] MARCHIONNI, CHRISTIAN, FR
[72] COMMARIEU, FRANCOISE, FR
[72] POIRIER, FRANCOIS, FR
[72] SELARIES, JACQUES, FR
[72] VICENTE, PATRICE, FR
[72] FARAL, MICHEL, FR
[71] SOLLAC, FR
[22] 2000-03-06
[43] 2000-09-26
[30] FR (99/03778) 1999-03-26

[21] **2,299,794**
[13] A1

[51] **Int.Cl. 7G02F 1/225 7G02B 6/12**
[25] EN
[54] **INTEGRATED OPTICAL MACH ZEHNDER STRUCTURES**
[54] **STRUCTURES MACH-ZEHNDER OPTIQUES INTEGRES**
[72] THOMPSON, GEORGE HORACE BROOK, GB
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-02-28
[43] 2000-09-29
[30] US (09/280,360) 1999-03-29

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[21] **2,299,835**
[13] A1

[51] **Int.Cl. 7E21B 49/10**
[25] EN
[54] **FORMATION FLUID SAMPLING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE POUR L'ECHANTILLONNAGE DE FLUIDES DANS DES FORMATIONS**
[72] BOLZE, VICTOR M., US
[72] LONG, TIMOTHY L., US
[72] KURKJIAN, ANDREW L., US
[72] BROWN, JONATHAN W., US
[72] MOORE, LINWARD A., US
[72] ZIMMERMAN, ROBERT P., US
[72] MELBOURNE, ANGUS J., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2000-03-01
[43] 2000-09-25
[30] US (60/126088) 1999-03-25
[30] US (09/511,183) 2000-02-22

[21] **2,299,852**
[13] A1

[51] **Int.Cl. 7G01N 33/52**
[25] EN
[54] **A METHOD OF DETECTING PROTEIN AND A KIT USING THE SAME**
[54] **UNE METHODE POUR LA DETECTION DE PROTEINES ET UN ENSEMBLE DE DETECTION BASE SUR CETTE METHODE**
[72] VAN DEN BROM, GUIDO CLEMENS, NL
[72] BAARS, EDWIN, NL
[72] LINXWEILER, WINFRIED, DE
[71] UNILEVER PLC, GB
[71] MERCK PATENT GMBH, DE
[22] 2000-03-02
[43] 2000-09-24
[30] EP (99200917.5) 1999-03-24

[21] **2,299,854**
[13] A1

[51] **Int.Cl. 7C12N 1/20 7C12S 1/00 7C12N 1/26**
[25] EN
[54] **NOVEL BACTERIA STRAIN HAVING HEAVY OIL DEGRADING ABILITY, BACTERIA MIXTURE, HEAVY OIL DEGRADING BACTERIA NURTURING COMPOSITION, FORMULATION CONTAINING THAT COMPOSITION, METHOD OF TREATING OIL COMPONENTS, AND BUILDING AND CIVIL ENGINEERING MATERIALS CONTAINING SUBSTANCE TREATED BY THAT METHOD**
[54] **NOUVELLE SOUCHE BACTERIENNE POUVANT DECOMPOSER LE PETROLE LOURD, MELANGE BACTERIEN, COMPOSITION STIMULANT LA PRODUCTION DE BACTERIES UTILISEES POUR LA DECOMPOSITION DU PETROLE LOURD, FORMULATION CONTENANT CETTE COMPOSITION, METHODE DE TRAITEMENT DES COMPOSANTS DE L'HUILE ET MATERIAUX DE CONSTRUCTION ET POUR TRAVAUX PUBLICS CONTENANT LA SUBSTANCE TRAITEE PAR**
[72] FUJITA, TOKIO, JP
[71] TECHNOLOGY LICENSING ORGANIZATION, INC., JP
[22] 2000-03-02
[43] 2000-09-29
[30] JP (11-87162) 1999-03-29

[21] **2,299,903**
[13] A1

[51] **Int.Cl. 7H03M 13/01 7H03M 13/45**
[25] EN
[54] **SOFT OUTPUT METRICS GENERATION FOR SYMBOL DETECTORS**
[54] **GENERATION DE PARAMETRES DE CALCUL D'INFORMATION DE FIABILITE POUR DETECTEURS DE SYMBOLES**
[72] TONELLO, ANDREA M., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-02-29
[43] 2000-09-24
[30] US (09/275,147) 1999-03-24

[21] **2,299,925**
[13]

[51] **Int.Cl. 7E04C 2/30 7E04B 2/00**
[25] EN
[54] **MODULAR BUILDING PANELS AND METHOD OF CONSTRUCTING WALLS FROM THE SAME**
[54] **PANNEAUX DE CONSTRUCTION MODULAIRES ET METHODE DE CONSTRUCTION DE MURS A L'AIDE DE CES PANNEAUX**
[72] WILSON, STUART, US
[71] SOLOFLEX, INC., US
[22] 2000-03-03
[43] 2000-09-30
[30] US (09/282,584) 1999-03-31

[21] **2,299,949**
[13]

[51] **Int.Cl. 7B23B 51/12**
[25] EN
[54] **DRILL/DRIVER CHUCK**
[54] **MANDRIN PORTE-FORET/PORTE-EMBOUIT DE TOURNEVIS**
[72] WALKER, ANDREW, GB
[71] BLACK & DECKER INC., US
[22] 2000-02-29
[43] 2000-09-30
[30] GB (9907463.4) 1999-03-31

[21] **2,299,961**
[13] A1

[51] **Int.Cl. 7A61F 13/49**
[25] EN
[54] **ABSORBENT ARTICLE WITH SURFACE STRUCTURE**
[54] **ARTICLE ABSORBANT AYANT UNE STRUCTURE SUPERFICIELLE**
[72] FUJIOKA, YOSHIHISA, JP
[72] WADA, ICHIRO, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-03-06
[43] 2000-09-25
[30] JP (81966/99) 1999-03-25

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[21] **2,299,974**
[13]

[51] **Int.Cl. 7H04J 14/02**
[25] EN
[54] **WDM NETWORK AND WDM NETWORK DEVICE**
[54] **RESEAU WDM ET DISPOSITIF RESEAU WDM**
[72] SASAKI, SHINOBU, JP
[72] SHIRAGAKI, TATSUYA, JP
[72] YAMAZAKI, TAKASHI, JP
[72] NAKAMURA, SHINYA, JP
[71] NEC CORPORATION, JP
[22] 2000-03-06
[43] 2000-09-30
[30] JP (11-115484) 1999-03-30

[21] **2,299,984**
[13] A1

[51] **Int.Cl. 7H02M 7/06**
[25] EN
[54] **SYNCHRONOUS RECTIFYING FLYBACK CONVERTER WITH VARIABLE INPUT AND OUTPUT VOLTAGES**
[54] **CONVERTISSEUR INDIRECT DE REDRESSEMENT SYNCHRONE A TENSIONS DE SORTIE ET D'ENTREE VARIABLES**
[72] GRUWE, ALAIN, BE
[71] ALCATEL, FR
[22] 2000-03-06
[43] 2000-09-29
[30] EP (99400767.2) 1999-03-29

[21] **2,299,996**
[13] A1

[51] **Int.Cl. 7H01R 4/24**
[25] EN
[54] **INSULATION DISPLACEMENT CONNECTOR**
[54] **CONNECTEUR AUTODENUDANT**
[72] STANEVICH, KENNETH W., US
[72] BLAHA, WILLIAM E., US
[71] IDEAL INDUSTRIES, INC., US
[22] 2000-03-03
[43] 2000-09-29
[30] US (09/272,530) 1999-03-29

[21] **2,300,107**
[13] A1

[51] **Int.Cl. 7F21S 8/10 7H01R 9/22 7B60Q 1/26 7H01R 13/629**
[25] EN
[54] **COMBINATION CLEARANCE AND SIDEMARKER LAMP**
[54] **FEU COMBINE DE GABARIT ET D'ENCOMBREMENT**
[72] KELLEY, RODNEY M., US
[72] KOEHLER, JAY F., US
[72] SNYDER, CHARLES R., US
[71] GROTE INDUSTRIES, INC., US
[22] 2000-03-03
[43] 2000-09-24
[30] US (09/275,293) 1999-03-24

[21] **2,300,249**
[13]

[51] **Int.Cl. 7E04H 17/04 7E04H 17/26**
[25] EN
[54] **FABRIC FENCE SYSTEM AND METHOD OF MANUFACTURING SAME**
[54] **CLOTURE EN TOILE ET METHODE DE FABRICATION**
[72] LOVEN, JAMES F., US
[72] NAEGELE, CHARLES, US
[71] ALLIED CAREFREE FENCE SYSTEMS, INC., US
[22] 2000-03-09
[43] 2000-09-30
[30] US (09/282,819) 1999-03-31

[21] **2,300,283**
[13]

[51] **Int.Cl. 7B41F 31/02**
[25] EN
[54] **INK SUPPLY APPARATUS FOR PRINTING PRESS AND INK TRAY MOUNTED ON THE SAME APPARATUS, AND METHOD FOR MOUNTING CONTAMINATION PREVENTIVE SURFACE COVER TO INK TRAY**
[54] **APPAREIL D'ALIMENTATION D'ENCRE POUR PRESSE A IMPRIMER ET PLATEAU D'ENCRE MONTE SUR L'APPAREIL, ET METHODE DE MONTAGE D'UN COUVERCLE SUR LA SURFACE DU PLATEAU D'ENCRE POUR EMPECHER TOUTE CONTAMINATION**
[72] FUGIMOTO, SHINICHI, JP
[72] KIHARA, TERUAKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2000-03-06
[43] 2000-09-30
[30] JP (90624/1999) 1999-03-31
[30] JP (168112/1999) 1999-06-15
[30] JP (219835/1999) 1999-08-03

[21] **2,300,353**
[13] A1

[51] **Int.Cl. 7H04B 10/06**
[25] EN
[54] **RECEIVING SYSTEM FOR FREE-SPACE OPTICAL COMMUNICATIONS**
[54] **SYSTEME DE RECEPTION DE COMMUNICATIONS OPTIQUES EN ESPACE LIBRE**
[72] SZAJOWSKI, PAUL F., US
[72] PRESBY, HERMAN MELVIN, US
[72] NYKOLAK, GERALD, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-03-10
[43] 2000-09-25
[30] US (09/276,168) 1999-03-25

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[21] **2,300,375**
[13]

[51] **Int.Cl. 7F16L 55/10 7F16L 13/02 7F16J 15/08**
[25] EN
[54] **MACHINE AND METHOD FOR PREVENTING FLANGE LEAKAGE**
[54] **MACHINE ET METHODE POUR EMPECHER LES BRIDES DE FUIR**
[72] MILLMAN, JEFFREY C., CA
[71] THE BABCOCK & WILCOX COMPANY, US
[22] 2000-03-07
[43] 2000-09-30
[30] US (09/281,891) 1999-03-31

[21] **2,300,394**
[13]

[51] **Int.Cl. 7H04J 3/02**
[25] EN
[54] **TIME-SLOT INTERCHANGER THAT CONTROLS BOTH TIME-SLOT ACCESS AND SIGNAL PROCESSING FEATURES**
[54] **COMMUTEUR TEMPOREL COMMANDANT L'ACCES AUX CRENEAUX TEMPORELS ET LES FONCTIONS DE TRAITEMENT DES SIGNAUX**
[72] PETTY, NORMAN W., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-03-07
[43] 2000-09-30
[30] US (09/283,347) 1999-03-31

[21] **2,300,398**
[13]

[51] **Int.Cl. 7H04B 17/00 7H04L 1/24**
[25] EN
[54] **METHOD AND ARRANGEMENT TO ESTIMATE TRANSMISSION CHANNEL CHARACTERISTICS**
[54] **METHODE ET ARRANGEMENT POUR L'ESTIMATION DES CARACTERISTIQUES D'UNE VOIE DE TRANSMISSION**
[72] RYCKEBUSCH, FRANK, BE
[72] CLAES, STAN, BE
[71] ALCATEL, FR
[22] 2000-03-07
[43] 2000-09-30
[30] EP (99400793.8) 1999-03-31

[21] **2,300,411**
[13] A1

[51] **Int.Cl. 7G01N 30/06 7G01N 30/00**
[25] EN
[54] **METHOD FOR SOLID-PHASE MICROEXTRACTION AND ANALYSIS, AND A COLLECTOR FOR THIS METHOD**
[54] **METHODE DE MICROEXTRACTION ET D'ANALYSE EN PHASE SOLIDE ET UN COLLECTEUR POUR CETTE METHODE**
[72] SANDRA, PATRICK, BE
[72] DAVID, FRANK, BE
[72] BALTUSSEN, ERIK, NL
[71] GERSTEL SYSTEMTECHNIK GMBH & CO. KG, DE
[22] 2000-03-07
[43] 2000-09-26
[30] DE (19913809.5) 1999-03-26
[30] DE (19933017.4) 1999-07-14

[21] **2,300,491**
[13] A1

[51] **Int.Cl. 7A61K 7/11**
[25] EN
[54] **HAIR STYLING COMPOSITIONS**
[54] **COMPOSITIONS POUR LA COIFFURE**
[72] BRANDT, LORALEI MARIE, US
[72] NEILL, PAUL HOWARD, US
[72] WYDILA, JOHN EDWARD, US
[71] UNILEVER PLC, GB
[22] 2000-03-13
[43] 2000-09-24
[30] US (09,275149) 1999-03-24

[21] **2,300,495**
[13] A1

[51] **Int.Cl. 7H03M 7/00 7H04L 12/56**
[25] EN
[54] **TECHNIQUE FOR MULTI-RATE CODING OF A SIGNAL CONTAINING INFORMATION**
[54] **TECHNIQUE DE CODAGE A VITESSES MULTIPLES D'UN SIGNAL CONTENANT DE L'INFORMATION**
[72] SINHA, DEEPEN, US
[72] KROON, PETER, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-03-13
[43] 2000-09-29
[30] US (09/280,785) 1999-03-29

[21] **2,300,499**
[13] A1

[51] **Int.Cl. 7G06F 17/50**
[25] EN
[54] **A METHOD FOR CHECKING DESIGNS WITH A VERIFICATION TOOL**
[54] **METHODE DE VERIFICATION DE CONCEPTIONS A L'AIDE D'UN OUTIL DE VERIFICATION**
[72] HARDIN, RONALD H., US
[72] KURSHAN, ROBERT PAUL, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-03-13
[43] 2000-09-29
[30] US (09/280,169) 1999-03-29

[21] **2,300,549**
[13] A1

[51] **Int.Cl. 7B60Q 1/26 7F21V 21/14**
[25] EN
[54] **THEFT RESISTANT LAMP ASSEMBLY MOUNTING BRACKET**
[54] **FERRURE DE MONTAGE DE LAMPE ANTIVOL**
[72] O'NEAL, CHARLES P., US
[71] GROTE INDUSTRIES, INC., US
[22] 2000-03-07
[43] 2000-09-25
[30] US (09/276,606) 1999-03-25

[21] **2,300,554**
[13] A1

[51] **Int.Cl. 7H01R 13/46 7H01H 9/00 7H01R 13/58**
[25] EN
[54] **SWITCH CONNECTOR ASSEMBLY**
[54] **CONNECTEUR D'INTERUPTEUR**
[72] TUREK, JAMES A., US
[72] IRISH, KENNETH G., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-03-07
[43] 2000-09-25
[30] US (09/276,193) 1999-03-25

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[21] **2,300,558**
[13] A1
[51] **Int.Cl. 7A47K 10/20**
[25] EN
[54] **WET TISSUE PACKAGE**
[54] **PAQUET DE SERVIETTES HUMIDES**
[72] TANAKA, YOSHIKAZU, JP
[72] YAMAJI, MITSUKO, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-03-08
[43] 2000-09-30
[30] JP (11-89493) 1999-03-30

[21] **2,300,562**
[13] A1
[51] **Int.Cl. 7H04L 12/02 7G11B 23/00 7H04L 29/02**
[25] EN
[54] **METHOD AND APPARATUS OF A COLLABORATIVE PROXY SYSTEM FOR DISTRIBUTED DEPLOYMENT OF OBJECT RENDERING**
[54] **METHODE ET APPAREILLAGE D'UN SYSTEME MANDATAIRE COLLABORATIF POUR LE DEPLOIEMENT REPARTI DE RENDU DES OBJETS**
[72] HUANG, YUN-WU, US
[72] YU, PHILIP S.L., US
[72] WU, KUN-LUNG, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-03-08
[43] 2000-09-29
[30] US (09/280,746) 1999-03-29

[21] **2,300,575**
[13] A1
[51] **Int.Cl. 7H05K 7/14**
[25] EN
[54] **HIGH DENSITY CROSS-CONNECTION SYSTEM**
[54] **SYSTEME DE CONNEXION TRANSVERSALE A HAUTE DENSITE**
[72] DURSTON, ANDREW COLIN, US
[72] HWANG, LIANG, US
[72] RODRIGUEZ, HECTOR FRANCISCO, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-03-13
[43] 2000-09-24
[30] US (09/275,332) 1999-03-24

[21] **2,300,576**
[13] A1
[51] **Int.Cl. 7H04L 12/02 7G11B 23/00**
[25] EN
[54] **SPACE/TIME PORTALS FOR COMPUTER SYSTEMS**
[54] **PORTAILS A DEFINITION GEOTEMPORELLE POUR SYSTEMES INFORMATIQUES**
[72] YURKOVIC, ROBERT JON, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-03-13
[43] 2000-09-25
[30] US (09/276,244) 1999-03-25

[21] **2,300,579**
[13] A1
[51] **Int.Cl. 7H04B 14/08 7H04B 1/04 7H04B 1/16 7H04L 27/26**
[25] EN
[54] **TECHNIQUE FOR EFFECTIVELY COMMUNICATING MULTIPLE DIGITAL REPRESENTATIONS OF A SIGNAL**
[54] **TECHNIQUE DE TRANSMISSION EFFICACE DE REPRESENTATIONS NUMERIQUES MULTIPLES D'UN SIGNAL**
[72] LOU, HUI-LING, US
[72] SUNDBERG, CARL-ERIK WILHELM, US
[72] SINHA, DEEPEN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-03-13
[43] 2000-09-29
[30] US (09/280,280) 1999-03-29

[21] **2,300,587**
[13] A1
[51] **Int.Cl. 7H04M 3/493**
[25] EN
[54] **METHOD OF PROVIDING TRANSFER CAPABILITY ON WEB-BASED INTERACTIVE VOICE RESPONSE SERVICES**
[54] **METHODE DE FOURNITURE D'UNE CAPACITE DE TRANSFERT POUR DES SERVICES WEB DE REPOSE VOCALE INTERACTIVE**
[72] REHOR, KENNETH G., US
[72] BALL, THOMAS J., US
[72] DANIELSEN, PETER JOHN, US
[72] MATAGA, PETER ANDREW, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-03-13
[43] 2000-09-30
[30] US (09/282,895) 1999-03-31

[21] **2,300,592**
[13] A1
[51] **Int.Cl. 7H01L 29/45 7H01L 21/283**
[25] EN
[54] **OHMIC ELECTRODE, METHOD OF MANUFACTURING THE SAME AND SEMICONDUCTOR DEVICE**
[54] **ELECTRODE OHMIQUE ET METHODE DE FABRICATION DE CE COMPOSANT ET DE DISPOSITIF A SEMICONDUCTEUR**
[72] ASAMIZU, HIROKUNI, JP
[72] YAMAGUCHI, AKIRA, JP
[72] MURAKAMI, MASANORI, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2000-03-13
[43] 2000-09-25
[30] JP (11-080974) 1999-03-25

[21] **2,300,595**
[13] A1
[51] **Int.Cl. 7B65D 83/64 7B65D 83/42**
[25] FR
[54] **ENSEMBLE DE CONDITIONNEMENT ET DE DISTRIBUTION PRESSURISEE, DE TYPE A PISTON ET PROCEDE DE MONTAGE D'UN TEL ENSEMBLE**
[54] **ASSEMBLY FOR PACKAGING AND PISTON-TYPE PRESSURIZED DISPENSING AND PROCESS FOR ASSEMBLING THE SAID ASSEMBLY**
[72] BAUDIN, GILLES, FR
[72] LASSERRE, PIERRE-ANDRE, FR
[71] L'OREAL, FR
[22] 2000-03-03
[43] 2000-09-24
[30] FR (99 03 676) 1999-03-24

[21] **2,300,601**
[13] A1
[51] **Int.Cl. 7G01N 3/42**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING THE TRUE STRESS AND TRUE STRAIN BEHAVIOR OF A DUCTILE POLYMER**
[54] **METHODE ET APPAREIL POUR DETERMINER LA TENSION REELLE ET LE COMPORTEMENT REEL SOUS CONTRAINTE D'UN POLYMERE DUCTILE**
[72] KURTZ, STEVEN MICHAEL, US
[72] FOULDS, JUDE REYNOLD, US
[72] JEWETT, CHARLES WILLIAM, US
[71] EXPONENT, INC., US
[22] 2000-03-14
[43] 2000-09-30
[30] US (09/281,786) 1999-03-31

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[21] **2,300,607**
[13] A1

[51] **Int.Cl. 7E02D 7/20 7B29C 65/02**
[25] EN
[54] **LARGE SURFACE AREA GEOGRIDS WITH A HIGH TENSILE STRENGTH, A METHOD AND APPARATUS FOR PRODUCING THEM, AND THEIR USE AS DRAIN AND REINFORCEMENT GRIDS AND AS FENCES**
[54] **GEOGRILLES A GRANDE SURFACE EFFICACE ET RESISTANCE A LA TRACTION ELEVEE, UNE METHODE ET UN APPAREIL POUR LES PRODUIRE ET LEUR UTILISATION COMME GRILLES DE DRAINAGE ET DE RENFORT ET COMME BARRIERES**
[72] HEERTEN, GEORG, DE
[72] MULLER, VOLKHARD, DE
[72] UEHLEMANN, WERNER, DE
[72] PRIEWICH, STEPHAN, DE
[71] NAUE FASERTECHNIK GMBH & CO. KG, DE
[22] 2000-03-14
[43] 2000-09-25
[30] DE (199 13 479.0) 1999-03-25

[21] **2,300,608**
[13] A1

[51] **Int.Cl. 7G01N 17/00**
[25] EN
[54] **METHOD FOR DETERMINING THE CORROSIVENESS OF NAPHTHENIC ACID IN CRUDE OIL AND REFINERY STREAMS**
[54] **METHODE POUR DETERMINER LA CORROSIVITE DE L'ACIDE NAPHTENIQUE DANS LES CIRCUITS DE PETROLE BRUT ET DE RAFFINAGE**
[72] YEPEZ, OMAR, VE
[72] VERA, JOSE R., VE
[71] INTEVEP, S.A., VE
[22] 2000-03-10
[43] 2000-09-24
[30] US (09/275,528) 1999-03-24

[21] **2,300,609**
[13]

[51] **Int.Cl. 7F16J 15/06 7F02F 11/00 7C09D 183/04**
[25] EN
[54] **HIGH LOAD BEARING UV COATING FOR CYLINDER HEAD GASKETS AND HEAD GASKET INCORPORATING THE SAME**
[54] **REVETEMENT DURCISSABLE AUX UV ET RESISTANT AUX FORTES CHARGES POUR JOINTS DE CULASSE ET JOINT DE CULASSE COMPORTANT CE REVETEMENT**
[72] GRANT-ACQUAH, FRANK C., US
[72] SHAH, KANU G., US
[72] BOLDT, BRENT, US
[71] DANA CORPORATION, US
[22] 2000-03-14
[43] 2000-09-30
[30] US (09/281,918) 1999-03-31

[21] **2,300,642**
[13] A1

[51] **Int.Cl. 7H04B 10/06**
[25] EN
[54] **A RECEIVER FOR OPTICALLY TRANSMITTED SIGNALS**
[54] **RECEPTEUR POUR SIGNAUX TRANSMIS SOUS FORME OPTIQUE**
[72] BULOW, HENNING, DE
[71] ALCATEL, FR
[22] 2000-03-14
[43] 2000-09-27
[30] DE (199 14 052.9) 1999-03-27

[21] **2,300,670**
[13]

[51] **Int.Cl. 7H01R 13/62**
[25] EN
[54] **DETENT LOCK MECHANISM FOR PIN-AND-SLEEVE HEAVY DUTY ELECTRICAL CONNECTOR**
[54] **MECANISME D'ARRET POUR CONNECTEUR ELECTRIQUE A CHEVILLE ET MANCHON POUR SERVICE CONTINU**
[72] GUNN, DONALD JAMES, US
[72] ANGIOLILLO, LUCIO, US
[71] COOPER INDUSTRIES, INC., US
[22] 2000-03-14
[43] 2000-09-30
[30] US (09/282,181) 1999-03-31

[21] **2,300,675**
[13] A1

[51] **Int.Cl. 7B23H 7/08**
[25] EN
[54] **WIRE ELECTRODE**
[54] **FIL-ELECTRODE**
[72] NEUSER, BERND, DE
[72] BARTHEL, BERND, DE
[71] BERKENHOFF GMBH, DE
[22] 2000-03-14
[43] 2000-09-25
[30] DE (199 13 694.7) 1999-03-25

[21] **2,300,682**
[13] A1

[51] **Int.Cl. 7C09D 7/12 7C09D 11/00 7A61K 7/00 7A61K 9/06 7C09J 11/08 7C09K 3/10 7A01N 25/22 7C11D 3/37**
[25] EN
[54] **METHOD OF IMPROVING VISCOSITY STABILITY OF AQUEOUS COMPOSITIONS**
[54] **METHODE POUR AMELIORER LA STABILITE DE LA VISCOSITE DE COMPOSITIONS AQUEUSES**
[72] NEELY, JAMES WATSON, US
[72] AMICK, DAVID RICHARD, US
[71] ROHM AND HAAS COMPANY, US
[22] 2000-03-14
[43] 2000-09-25
[30] US (60/126,171) 1999-03-25

[21] **2,300,711**
[13] A1

[51] **Int.Cl. 7B23D 51/04**
[25] EN
[54] **PLASTIC PIPE CUTTER**
[54] **COUPE-TUYAUX EN PLASTIQUE**
[72] CARTER, SAM W., US
[71] CARTER, SAM W., US
[22] 2000-03-10
[43] 2000-09-26
[30] US (09/277,501) 1999-03-26

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[21] **2,300,720**
[13] A1
[51] **Int.Cl. 7C01C 1/04 7C07C 273/10**
[25] EN
[54] **METHOD FOR THE SIMULTANEOUS MODERNIZATION OF A PLANT FOR AMMONIA PRODUCTION AND A PLANT FOR UREA PRODUCTION**
[54] **METHODE POUR LA MODERNISATION SIMULTANEE D'UNE USINE DE PRODUCTION D'AMMONIAC ET D'UNE USINE DE PRODUCTION D'UREE**
[72] PAGANI, GIORGIO, CH
[72] ZARDI, FEDERICO, CH
[71] UREA CASALE S.A., CH
[22] 2000-03-15
[43] 2000-09-30
[30] EP (99201009.0) 1999-03-31

[21] **2,300,741**
[13] A1
[51] **Int.Cl. 7H01J 61/36**
[25] EN
[54] **HIGH-PRESSURE DISCHARGE LAMP**
[54] **LAMPE A DECHARGE A HAUTE PRESSION**
[72] GROETZBACH, MICHAEL, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2000-03-15
[43] 2000-09-24
[30] DE (19913297.6) 1999-03-24

[21] **2,300,746**
[13] A1
[51] **Int.Cl. 7F16H 61/28 7B60K 25/06 7B60K 17/28 7F16H 59/60**
[25] EN
[54] **POWER TAKE-OFF UNIT HOUSING HAVING INTEGRAL HYDRAULIC MANIFOLD**
[54] **CARTER DE PRISE DE FORCE COMPRENANT UN COLLECTEUR HYDRAULIQUE INTEGRAL**
[72] RANG, BRIAN L., US
[72] WARNER, RUSSELL K., US
[72] KIRKPATRICK, CHAD A., US
[72] RAINA, KUDLIP, US
[71] DANA CORPORATION, US
[22] 2000-03-15
[43] 2000-09-25
[30] US (09/275,986) 1999-03-25

[21] **2,300,748**
[13] A1
[51] **Int.Cl. 7B05B 11/02 7B65D 83/76**
[25] EN
[54] **LIQUID DESPENSING PUMP**
[54] **POMPE DE DISTRIBUTION DE LIQUIDE**
[72] DODD, JOSEPH K., US
[72] SWEETON, STEVE L., US
[71] CALMAR INC., US
[22] 2000-03-16
[43] 2000-09-26
[30] US (09/276,926) 1999-03-26

[21] **2,300,760**
[13] A1
[51] **Int.Cl. 7B65B 35/56**
[25] EN
[54] **PRODUCT STUFFER**
[54] **POUSSOIR DE PRODUIT**
[72] UNGAR, ISTVAN, CA
[71] LANGEN PACKAGING INC., CA
[22] 2000-03-17
[43] 2000-09-26
[30] US (09/277,165) 1999-03-26

[21] **2,300,799**
[13] A1
[51] **Int.Cl. 7A44B 18/00**
[25] EN
[54] **MECHANICAL FASTENER**
[54] **ATTACHE MECANIQUE**
[72] BABA, TOSHIMITSU, JP
[72] IGAUE, TAKAMITSU, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-03-15
[43] 2000-09-26
[30] JP (11-83976) 1999-03-26

[21] **2,300,825**
[13] A1
[51] **Int.Cl. 7F15B 11/20 7F15B 18/00 7F15B 13/06 7B65G 25/06**
[25] EN
[54] **DRIVE UNITS AND DRIVE ASSEMBLY FOR RECIPROCATING SLAT CONVEYORS**
[54] **MECANISMES D'ENTRAINEMENT ET ENSEMBLE D'ENTRAINEMENT POUR TRANSPORTEURS A SECOUSES MUNIS DE PALETTES ESPACEES**
[72] FOSTER, RAYMOND KEITH, US
[71] FOSTER, RAYMOND KEITH, US
[22] 2000-03-17
[43] 2000-09-24
[30] US (09/275,473) 1999-03-24

[21] **2,300,838**
[13] A1
[51] **Int.Cl. 7H01R 13/648 7H01R 13/658**
[25] EN
[54] **CONNECTOR WITH SHIELDING SHELL**
[54] **CONNECTEUR A ENVELOPPE BLINDEE**
[72] JOUBERT, SAMUEL, FR
[72] LEGARE, PHILIPPE, FR
[71] FRAMATOME CONNECTORS INTERNATIONAL, FR
[22] 2000-03-17
[43] 2000-09-24
[30] FR (99/03846) 1999-03-24

[21] **2,300,853**
[13] A1
[51] **Int.Cl. 7E21B 19/08**
[25] EN
[54] **CONDUIT AND CABLE BYPASS FOR DOWNHOLE TOOLS**
[54] **DERIVATION DE CONDUITS ET DE CABLES POUR OUTILS DE FOND DE TROU**
[72] PATEL, PRASHANT, US
[72] ROTH, BRIAN, US
[71] BAKER HUGHES INCORPORATED, US
[22] 2000-03-17
[43] 2000-09-25
[30] US (09/276338) 1999-03-25

[21] **2,301,246**
[13] A1
[51] **Int.Cl. 7C08F 110/02 7C08F 10/00 7C08F 110/06**
[25] FR
[54] **PROCEDE POUR LA POLYMERISATION DES ALPHA-OLEFINES**
[54] **PROCESS FOR POLYMERIZING ALPHA OLEFINS**
[72] SIBERDT, FABIAN, BE
[72] FRANCOIS, PHILIPPE, BE
[72] PAYE, STEPHANE, BE
[71] SOLVAY POLYOLEFINS EUROPE - BELGIUM (SOCIÉTÉ ANONYME), BE
[22] 2000-03-16
[43] 2000-09-24
[30] BE (09900207) 1999-03-24

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[21] **2,301,250**
[13] A1

[51] **Int.Cl. 7A61K 7/13 7A45D 19/00**
[25] FR
[54] **COMPOSITION TINCTORIALE
CONTENANT UNE PYRAZOLO- α -1,5-A-
PYRIMIDINE ET UNE
POLYAMINOPYRIMIDINE
MONOCYCLIQUE A TITRE DE BASES
D'OXYDATION ET UN COUPLEUR, ET
PROCEDES DE TEINTURE**
[54] **DYE COMPOUND CONTAINING A
PYRAZOLO- α -1.5-AL-PYRIMIDINE
AND A MONOCYCLIC
POLYAMINOPYRIMIDINE AS
OXIDATION BASES AND A COUPLER,
AND DYEING PROCESSES**
[72] AUDOUSSET, MARIE-PASCALE, FR
[71] L'OREAL, FR
[22] 2000-03-20
[43] 2000-09-29
[30] FR (99 03 889) 1999-03-29

[21] **2,301,251**
[13] A1

[51] **Int.Cl. 7A61K 7/13 7A45D 19/00**
[25] FR
[54] **COMPOSITION DE TEINTURE
D'OXYDATION DES FIBRES
KERATINIQUES ET PROCEDE DE
TEINTURE METTANT EN OEUVRE
CETTE COMPOSITION**
[54] **KERATIN FIBRE OXIDATION DYE
COMPOUND AND DYEING PROCESS
USING THIS COMPOUND**
[72] AUDOUSSET, MARIE-PASCALE, FR
[71] L'OREAL, FR
[22] 2000-03-20
[43] 2000-09-29
[30] FR (99 03 890) 1999-03-29

[21] **2,301,257**
[13] A1

[51] **Int.Cl. 7C12N 15/29 7A01H 5/00
7C12N 5/10 7C07K 14/415 7C12N 15/63
7C12Q 1/68 7C12N 15/82**
[25] EN
[54] **THE IRE GENE REGULATING
THE ROOT-HAIR GROWTH IN
ARABIDOPSIS**
[54] **GENE IRE REGULANT LA
CROISSANCE DES POILS
ABSORBANTS CHEZ ARABIDOPSIS**
[72] OKADA, KIYOTAKA, JP
[72] OYAMA, TOKITAKA, US
[71] BIOMOLECULAR ENGINEERING
RESEARCH INSTITUTE, JP
[22] 2000-03-24
[43] 2000-09-25
[30] JP (82402/1999) 1999-03-25

[21] **2,301,335**
[13] A1

[51] **Int.Cl. 7C12N 15/56 7C12N 9/24
7C12Q 1/34 7C12Q 1/68**
[25] EN
[54] **LOW TEMPERATURE
EXPRESSION CHITINASE CDNAS AND
METHOD FOR ISOLATING THE SAME**
[54] **ADNC DONT L'EXPRESSION EST
REGULEE PAR LA BASSE
TEMPERATURE CODANT POUR LA
CHITINASE ET METHODE POUR LES
ISOLER**
[72] KAWAKAMI, AKIRA, JP
[72] TERAMI, FUMIHIRO, JP
[71] JAPAN AS REPRESENTED BY
DIRECTOR GENERAL OF HOKKAIDO
NATIONAL AGRICULTUR, JP
[22] 2000-03-23
[43] 2000-09-25
[30] JP (11-81694) 1999-03-25

[21] **2,301,343**
[13]

[51] **Int.Cl. 7H04J 14/02**
[25] EN
[54] **OPTICAL DEMULTIPLEXER AND
METHOD OF ASSEMBLING OPTICAL
DEMULTIPLEXER IN OPTICAL AXIS
ALIGNMENT**
[54] **DEMUTIPLEXEUR OPTIQUE ET
METHODE DE MONTAGE D'UN
DEMUTIPLEXEUR OPTIQUE DANS
L'AXE OPTIQUE**
[72] NAKAMA, KENICHI, JP
[72] KOYAMA, TADASHI, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[22] 2000-03-17
[43] 2000-09-30
[30] JP (11-88583) 1999-03-30

[21] **2,301,348**
[13] A1

[51] **Int.Cl. 7G06K 7/01**
[25] EN
[54] **CONNECTOR FOR DOUBLE CHIP
CARD READERS ALLOWING TO
ACCOMODATE TWO CHIPS CARDS
INDIVIDUALLY**
[54] **CONNECTEUR POUR LECTEURS
DE CARTES A PUCE DOUBLES
PERMETTANT D'ACCUEILLIR
INDIVIDUELLEMENT DEUX CARTES
A PUCE**
[72] PERNET, MICHEL, FR
[71] FRAMATOME CONNECTORS
INTERNATIONAL, FR
[22] 2000-03-20
[43] 2000-09-26
[30] FR (99/03834) 1999-03-26

[21] **2,301,354**
[13] A1

[51] **Int.Cl. 7C12N 9/10 7C12P 19/18
7C12Q 1/48 7C12N 15/54 7C12Q 1/68**
[25] EN
[54] **LOW TEMPERATURE
EXPRESSION CDNAS ENCODING
FRUCTAN SYNTHESIZING ENZYMES
AND METHOD OF ISOLATING THE
SAME**
[54] **ADNC DONT L'EXPRESSION EST
REGULEE PAR LA BASSE
TEMPERATURE CODANT POUR LES
ENZYMES DE SYNTHESE DU
FRUCTOSANE ET METHODE POUR
LES ISOLER**
[72] TERAMI, FUMIHIRO, JP
[72] KURIKI, MIDORI, JP
[72] KAWAKAMI, AKIRA, JP
[71] JAPAN AS REPRESENTED BY
DIRECTOR GENERAL OF HOKKAIDO
NATIONAL AGRICULTUR, JP
[22] 2000-03-23
[43] 2000-09-25
[30] JP (11-81695) 1999-03-25

[21] **2,301,370**
[13] A1

[51] **Int.Cl. 7C02F 1/469**
[25] EN
[54] **AN ELECTRODEIONIZATION
APPARATUS COMPRISING SUB-
DESALINATION CHAMBERS**
[54] **UN APPAREIL DE
DESIONISATION COMPRENANT DES
CHAMBRES DE DESALINISATION
PARTIELLE**
[72] HIDAKA, MASAO, JP
[71] ORGANO CORPORATION, JP
[22] 2000-03-20
[43] 2000-09-25
[30] JP (HEI 11-81675) 1999-03-25
[30] JP (HEI 11-258993) 1999-09-13
[30] JP (HEI 11-360384) 1999-12-20
[30] JP (2000-30355) 2000-02-08

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[21] **2,301,373**
[13] A1
[51] **Int.Cl. 7C08F 116/18**
[25] EN
[54] **A METHOD OF PRODUCING MODIFIED VINYL ETHER POLYMERS**
[54] **UNE METHODE DE PRODUCTION DE POLYMERES MODIFIES D'ETHER VINYLIQUE**
[72] HAUBENNESTEL, KARLHEINZ, DE
[72] BUBAT, ALFRED, DE
[71] BYK-CHEMIE GMBH, DE
[22] 2000-03-20
[43] 2000-09-26
[30] DE (199 13 725.0-44) 1999-03-26

[21] **2,301,379**
[13]
[51] **Int.Cl. 7B25B 23/04**
[25] EN
[54] **SUCCESSIVE SCREW DRIVING ATTACHMENT**
[54] **FIXATION DE MECANISME D'ALIMENTATION DE VIS EN SERIE**
[72] MURO, GIICHIRO, JP
[71] MURO CORPORATION, JP
[22] 2000-03-20
[43] 2000-09-30
[30] JP (11-88164) 1999-03-30

[21] **2,301,381**
[13] A1
[51] **Int.Cl. 7A23C 19/09 7A23C 19/10 7A23C 19/14**
[25] EN
[54] **NUTRITIONAL FORTIFICATION OF NATURAL CHEESE**
[54] **ENRICHISSEMENT NUTRITIONNEL DU FROMAGE NATUREL**
[72] ISOM, LOWELL LEE, US
[72] MEHNERT, DAVID WEBB, US
[71] KRAFT FOODS, INC., US
[22] 2000-03-20
[43] 2000-09-24
[30] US (275,471) 1999-03-24

[21] **2,301,396**
[13] A1
[51] **Int.Cl. 7F24H 9/00 7F23L 17/00 7F24H 1/24**
[25] EN
[54] **WATER HEATER**
[54] **CHAUFFE-EAU**
[72] CARLTON, CLIFFORD, US
[72] VAGO, OTTO Z., US
[71] STATE INDUSTRIES, INC., US
[22] 2000-03-20
[43] 2000-09-27
[30] US (60/126,611) 1999-03-27
[30] US (09/410,105) 1999-09-30

[21] **2,301,408**
[13]
[51] **Int.Cl. 7G01K 17/08**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING HEAT TRANSFER IN AN ENVIRONMENT**
[54] **SYSTEME ET METHODE POUR DETERMINER LE TRANSFERT DE CHALEUR DANS UN MILIEU**
[72] GOODWIN, BRIAN, US
[72] WARDLE, DAVID G., GB
[72] SAHM, MICHAEL K., US
[71] THE BOC GROUP, INC., US
[22] 2000-03-20
[43] 2000-09-30
[30] US (09/282,373) 1999-03-31

[21] **2,301,410**
[13]
[51] **Int.Cl. 7H01B 11/22 7H01B 13/00 7G02B 6/16**
[25] EN
[54] **SELF-SUPPORTING FIBER OPTIC CABLE AND AN APPARATUS AND METHODS FOR MAKING THE SAME**
[54] **CABLE OPTIQUE AUTOPORTEUR ET APPAREILLAGE ET METHODE DE FABRICATION CONNEXES**
[72] MCALPINE, WARREN W., US
[72] CLAMPITT, JEFFREY A., US
[72] BAILEY, RONALD B., US
[71] SIECOR OPERATIONS, LLC, US
[22] 2000-03-20
[43] 2000-09-30
[30] US (09/280,503) 1999-03-30

[21] **2,301,421**
[13] A1
[51] **Int.Cl. 7G02B 6/255**
[25] EN
[54] **METHOD FOR CALIBRATING DISCHARGE HEAT ENERGY OF OPTICAL FIBER SPLICING DEVICE**
[54] **METHODE D'ETALONNAGE DE L'ENERGIE THERMIQUE DE DECHARGE DE DISPOSITIFS D'EPISSURAGE DE FIBRES OPTIQUES**
[72] INOUE, KOICHI, JP
[72] SASAKI, KATSUMI, JP
[72] SUZUKI, YOSUKE, JP
[72] TSUTSUMI, YUKINARI, JP
[72] KAWANISHI, NORIYUKI, JP
[71] FUJIKURA LTD., JP
[22] 2000-03-20
[43] 2000-09-25
[30] JP (11-081885) 1999-03-25
[30] JP (11-081886) 1999-03-25

[21] **2,301,434**
[13] A1
[51] **Int.Cl. 7H04L 12/18**
[25] EN
[54] **METHOD AND APPARATUS FOR A CONFERENCE CALL MEDIATION SERVICE**
[54] **METHODE ET DISPOSITIF DE SERVICE DE MEDIATION D'APPEL-CONFERENCE**
[72] MEIER-HELLSTERN, KATHLEEN S., US
[72] SLUTSMAN, LEV, US
[72] BURG, FREDERICK M., US
[71] AT&T CORP., US
[22] 2000-03-14
[43] 2000-09-25
[30] US (09/276,523) 1999-03-25

[21] **2,301,448**
[13] A1
[51] **Int.Cl. 7C08J 9/14**
[25] EN
[54] **142B/124 BLOWING AGENT BLENDS**
[54] **MELANGES D'AGENTS D'EXPANSION 142B OU 124**
[72] WU, JINHUANG, US
[71] ELF ATOCHEM NORTH AMERICA, INC., US
[22] 2000-03-21
[43] 2000-09-26
[30] US (09/277,060) 1999-03-26
[30] US (09/372,336) 1999-08-11

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[21] **2,301,452**
[13] A1

[51] **Int.Cl. 7B01D 46/52**
[25] EN
[54] **PLEATED FILTER MEDIA WITH STRIP SPACERS AND METHOD OF MAKING**
[54] **MATERIAU FILTRANT PLISSE AVEC SEPARATEURS DE BANDES ET METHODE DE FABRICATION**
[72] CHOI, KYUNG-JU, US
[71] AAF INTERNATIONAL, US
[22] 2000-03-21
[43] 2000-09-27
[30] US (09/277,794) 1999-03-27

[21] **2,301,455**
[13] A1

[51] **Int.Cl. 7H04B 7/185 7H04B 7/005**
[25] EN
[54] **LOAD SHEDDING METHOD TO ENHANCE UPLINK MARGIN WITH COMBINED FDMA/TDMA UPLINKS**
[54] **METHODE DE DELESTAGE DES CHARGES POUR AMELIORER LA MARGE DE LIAISON MONTANTE AVEC LIAISONS AMRF/AMRT COMBINEES**
[72] WILCOXSON, DONALD C., US
[72] WRIGHT, DAVID A., US
[71] TRW INC., US
[22] 2000-03-21
[43] 2000-09-24
[30] US (09/275,594) 1999-03-24

[21] **2,301,465**
[13]

[51] **Int.Cl. 7A43B 9/02 7A43B 3/12**
[25] EN
[54] **FOOTWEAR AND ITS METHOD OF CONSTRUCTION**
[54] **CHAUSSURE ET METHODE DE FABRICATION**
[72] ISSLER, JAMES E., US
[71] H.H. BROWN SHOE COMPANY, INC., US
[22] 2000-03-21
[43] 2000-09-30
[30] US (09/282,672) 1999-03-31

[21] **2,301,471**
[13] A1

[51] **Int.Cl. 7H01J 61/20**
[25] EN
[54] **METAL HALIDE DISCHARGE LAMP WITH A LONG SERVICE LIFE**
[54] **LAMPE A DECHARGE A HALOGENURE METALLIQUE A LONGUE DUREE DE VIE**
[72] GOELLING, HANS-WERNER, DE
[72] GENZ, ANDREAS, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2000-03-15
[43] 2000-09-26
[30] DE (29905662.7) 1999-03-26

[21] **2,301,472**
[13] A1

[51] **Int.Cl. 7G02B 6/16**
[25] EN
[54] **OPTICAL FIBER ARRAYS**
[54] **RESEAU DE FIBRES OPTIQUES**
[72] PUNCH, NORMAN ANDREW JR., US
[72] LOCHKOVIC, GREGORY A., US
[72] HAGEMEISTER, BRUNHILDE, US
[71] SIECOR OPERATIONS, LLC, US
[22] 2000-03-15
[43] 2000-09-29
[30] US (09/280,240) 1999-03-29

[21] **2,301,476**
[13]

[51] **Int.Cl. 7G02B 6/44 7G02B 6/16**
[25] EN
[54] **FIBER OPTIC BUFFER UNIT AND CABLES INCLUDING THE SAME**
[54] **TUBES PROTECTEURS DE FIBRES OPTIQUES ET CABLES COMPORTANT DE TELS TUBES**
[72] RUTTERMAN, DANIEL J., US
[72] HURLEY, WILLIAM C., US
[71] SIECOR OPERATIONS, LLC, US
[22] 2000-03-15
[43] 2000-09-30
[30] US (09/282,343) 1999-03-31

[21] **2,301,477**
[13] A1

[51] **Int.Cl. 7G06F 13/40 7G06F 11/22**
[25] EN
[54] **METHOD AND APPARATUS FOR ADDING AND REMOVING COMPONENTS WITHOUT POWERING DOWN COMPUTER SYSTEM**
[54] **METHODE ET APPAREILLAGE PERMETTANT D'AJOUTER ET D'ENLEVER DES ELEMENTS D'UN SYSTEME INFORMATIQUE SANS METTRE CE DERNIER HORS TENSION**
[72] LACH, JORGE E., US
[71] SUN MICROSYSTEMS, INC., US
[22] 2000-03-21
[43] 2000-09-29
[30] US (09/280,784) 1999-03-29

[21] **2,301,485**
[13] A1

[51] **Int.Cl. 7C09K 7/02 7E21B 43/22**
[25] EN
[54] **ADDITIVE FOR WELLBORE FLUIDS**
[54] **ADDITIF POUR FLUIDES POUR PUIT**
[72] HOWARD, PAUL RICHARD, GB
[72] SAWDON, CHRISTOPHER ALAN, GB
[72] LADVA, HEMANT KUMAR JETHALAL, GB
[71] M-I L.L.C., US
[22] 2000-03-21
[43] 2000-09-27
[30] GB (9907017.9) 1999-03-27

[21] **2,301,488**
[13] A1

[51] **Int.Cl. 7C09D 183/04 7B05D 5/08**
[25] EN
[54] **SHEET COATED WITH SILICONE COMPOUNDS HIGHLY EFFECTIVE IN PREVENTING ADHESION OF STAINS AND PROCESS FOR PREPARING THE SAME**
[54] **FEUILLE REVETUE DE COMPOSES DE SILICONE HAUTEMENT EFFICACES POUR PREVENIR L'ADHERENCE DE TACHES ET PROCEDE DE PREPARATION DE CE PRODUIT**
[72] TSUBOI, HIROSHI, JP
[72] IMAI, SHIGEO, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-03-21
[43] 2000-09-29
[30] JP (11-85916) 1999-03-29

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[21] **2,301,489**
[13]

[51] **Int.Cl. 7A23C 19/076 7A23C 19/10**
[25] EN
[54] **METHODS FOR MANUFACTURE OF FAT-FREE CREAM CHEESE**
[54] **METHODES DE FABRICATION DE FROMAGE A LA CREME SANS MATIERE GRASSE**
[72] NAUTH, K. RAJINDER, US
[72] HAYASHI, DAVID, US
[71] KRAFT FOODS, INC., US
[22] 2000-03-21
[43] 2000-09-30
[30] US (285,874) 1999-03-31

[21] **2,301,777**
[13] A1

[51] **Int.Cl. 7C08L 77/02 7C08L 35/00 7C08L 77/00 7C08L 33/04 7C08G 69/48**
[25] FR
[54] **COMPOSITIONS THERMOPLASTIQUES A BASE DE POLYAMIDE**
[54] **POLYAMIDE-BASED THERMOPLASTIC COMPOUNDS**
[72] DURAND, JEAN-MARC, FR
[72] MONTANARI, THIBAUT, FR
[71] ELF ATOCHEM, S.A., FR
[22] 2000-03-24
[43] 2000-09-26
[30] FR (99/03814) 1999-03-26

[21] **2,301,778**
[13] A1

[51] **Int.Cl. 7B63H 11/11 7B63H 25/46**
[25] EN
[54] **JET PROPULSION BOAT**
[54] **BATEAU A REACTION HYDRAULIQUE**
[72] FUJIMOTO, KATSUMI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-03-21
[43] 2000-09-26
[30] JP (HEI-11-084784) 1999-03-26

[21] **2,301,783**
[13] A1

[51] **Int.Cl. 7E01C 19/23**
[25] EN
[54] **BI-DIRECTIONAL CONCRETE FINISHING MACHINE**
[54] **TRUELLE MECANIQUE BIDIRECTIONNELLE**
[72] CUNNINGHAM, JOHN PAUL, US
[71] TERRAMITE CORPORATION, US
[22] 2000-03-21
[43] 2000-09-26
[30] US (09/276,763) 1999-03-26

[21] **2,301,787**
[13] A1

[51] **Int.Cl. 7C07D 405/12 7A61P 25/00 7C07D 491/04 7C07D 403/12 7C07D 409/12 7A61K 31/403 7A61K 31/407 7C07D 209/70**
[25] FR
[54] **NOUVEAUX DERIVES DU BENZO-3,4]CYCLOBUTA-1,2-C]PYRROLE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **NEW DERIVATIVES OF BENZO-3,4 CYCLOBUTA-1,2-C PYRROLE, THE PROCEDURE FOR PREPARING THEM AND THE PHARMACEUTICAL COMPOUNDS THAT CONTAIN THEM**
[72] PEGLION, JEAN-LOUIS, FR
[72] DEKEYNE, ANNE, FR
[72] MILLAN, MARK, FR
[72] GOUMENT, BERTRAND, FR
[72] DESSINGES, AIMEE, FR
[72] RIVET, JEAN-MICHEL, FR
[71] ADIR ET COMPAGNIE, FR
[22] 2000-03-24
[43] 2000-09-26
[30] FR (99.03811) 1999-03-26

[21] **2,301,812**
[13]

[51] **Int.Cl. 7A61K 7/42 7A61K 7/021 7A61K 7/06 7A61K 7/32 7A61K 7/48**
[25] FR
[54] **COMPOSITION DE MAQUILLAGE OU DE SOIN CONTENANT UN ORGANOPOLYSILOXANE RETICULE A GROUPEMENT OXYALKYLENE**
[54] **MAKE-UP OR CARE COMPOSITION CONTAINING AN OXYALKYLENE GROUP CROSS-LINKED ORGANOPOLYSILOXANE**
[72] BARA, ISABELLE, FR
[71] L'ORÉAL, FR
[22] 2000-03-24
[43] 2000-09-30
[30] FR (99 03 967) 1999-03-30

[21] **2,301,817**
[13]

[51] **Int.Cl. 7A61K 7/42 7A61K 7/021 7A61K 7/06 7A61K 7/32 7A61K 7/48**
[25] FR
[54] **COMPOSITION DE MAQUILLAGE OU DE SOIN HYPOALLERGENIQUE CONTENANT UN ORGANOPOLYSILOXANE RETICULE A GROUPEMENT OXYALKYLENE, SES UTILISATIONS**
[54] **MAKE-UP OR HYPOALLERGENIC CARE COMPOSITION CONTAINING AN OXYALKYLENE GROUP CROSS-LINKED ORGANOPOLYSILOXANE, ITS USES**
[72] JAGER LEZER, NATHALIE, FR
[71] L'ORÉAL, FR
[22] 2000-03-24
[43] 2000-09-30
[30] FR (99 03 969) 1999-03-30

[21] **2,301,916**
[13]

[51] **Int.Cl. 7A45D 44/00 7A45D 19/00 7B05C 17/06**
[25] FR
[54] **POCHOIR, NOTAMMENT POUR LE MAQUILLAGE DES CHEVEUX, ET PROCEDE DE FABRICATION**
[54] **STENCIL FOR DRESSING HAIR, AND MANUFACTURING PROCESS**
[72] DE LAFORCADE, VINCENT, FR
[71] L'ORÉAL, FR
[22] 2000-03-23
[43] 2000-09-30
[30] FR (99 04 044) 1999-03-31

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[21] **2,301,933**
[13] A1

[51] **Int.Cl. 7A47C 3/03 7A47C 7/60**
[25] EN
[54] **CHAIR TILT LOCK MECHANISMS**
[54] **MECANISME DE VERROUILLAGE**
D'INCLINAISON DE SIEGE
[72] BEGGS, KEN A., CA
[72] MATERN, GERALD J., CA
[71] NORTHFIELD METAL PRODUCTS
LTD., CA
[22] 2000-03-22
[43] 2000-09-26
[30] US (09/277,484) 1999-03-26

[21] **2,301,972**
[13]

[51] **Int.Cl. 7C10L 1/04**
[25] EN
[54] **MIXTURE SUITABLE AS**
GASOLINE
[54] **MELANGE UTILISABLE COMME**
ESSENCE
[72] TROTTA, ROBERTO, IT
[72] PAGGINI, ALBERTO, IT
[72] MARCHIONNA, MARIO, IT
[71] ECOFUEL S.P.A., IT
[71] SNAMPROGETTI S.P.A., IT
[22] 2000-03-21
[43] 2000-09-30
[30] IT (MI99A 000662) 1999-03-31

[21] **2,301,982**
[13]

[51] **Int.Cl. 7F02N 17/06 7F01N 5/02**
7F01P 3/18 7F01P 3/20
[25] EN
[54] **INTERNAL COMBUSTION**
ENGINE AND METHOD OF
OPERATION THEREOF
[54] **MOTEUR A COMBUSTION**
INTERNE ET METHODE DE
FONCTIONNEMENT
[72] KOEHLER, OTTO, DE
[72] ABERLE, WERNER, DE
[72] ERMISCH, NORBERT, DE
[71] VOLKSWAGEN AG, DE
[22] 2000-03-22
[43] 2000-09-30
[30] DE (199 14 438.9) 1999-03-30

[21] **2,301,983**
[13] A1

[51] **Int.Cl. 7C09D 9/00**
[25] FR
[54] **COMPOSITION DECAPANTE,**
UTILISABLE NOTAMMENT DANS LE
DOMAINE DU BATIMENT
[54] **STRIPPING COMPOUND FOR USE**
IN THE BUILDING INDUSTRY
[72] LALLIER, JEAN-PIERRE, FR
[71] ELF ATOCHEM, S.A., FR
[22] 2000-03-22
[43] 2000-09-25
[30] FR (99 03 746) 1999-03-25

[21] **2,301,984**
[13] A1

[51] **Int.Cl. 7C09B 29/30 7C09B 63/00**
[25] EN
[54] **AZO LAKE PIGMENT**
COMPOSITION
[54] **COMPOSITION DE PIGMENT**
LAQUE AZOIQUE
[72] CHISHOLM, GREIG, GB
[72] NICOL, MAIRI, GB
[72] KERWIN, PAUL, GB
[71] CIBA SPECIALTY CHEMICALS
HOLDING INC., CH
[22] 2000-03-22
[43] 2000-09-24
[30] GB (9906673.0) 1999-03-24

[21] **2,301,985**
[13] A1

[51] **Int.Cl. 7C10G 47/24**
[25] FR
[54] **PROCEDE DE CONVERSION DE**
FRACTIONS LOURDES PETROLIERES
COMPRENANT UNE ETAPE
D'HYDROCONVERSION EN LITS
BOUILLONNANTS ET UNE ETAPE
D'HYDROTRAITEMENT
[54] **PROCESS FOR CONVERTING**
PETROLEUM HEAVY FRACTIONS
COMPRISING HYDRO CONVERSION
IN BOILING PITS AND A
HYDROTREATMENT STAGE
[72] KRESSMANN, STEPHANE, FR
[72] DUPLAN, JEAN-LUC, FR
[72] MOREL, FREDERIC, FR
[71] INSTITUT FRANCAIS DU PETROLE,
FR
[22] 2000-03-22
[43] 2000-09-25
[30] FR (99 03 853) 1999-03-25

[21] **2,301,987**
[13] A1

[51] **Int.Cl. 7H04L 12/54 7H04Q 7/08**
7H04Q 7/14
[25] EN
[54] **SETTING NOTIFICATION**
METHOD OF TERMINAL SETTING
INFORMATION AND
COMMUNICATION TERMINAL USING
THE SAME METHOD
[54] **METHODE DE NOTIFICATION**
D'INFORMATIONS DE REGLAGE DE
TERMINAL ET TERMINAL DE
COMMUNICATION UTILISANT
CETTE METHODE
[72] AIZAWA, MASATOSHI, JP
[71] SONY CORPORATION, JP
[22] 2000-03-22
[43] 2000-09-25
[30] JP (P11-080771) 1999-03-25

[21] **2,301,989**
[13]

[51] **Int.Cl. 7A61K 9/70 7A61K 7/00**
[25] FR
[54] **PATCH A EFFET DE CHAMP**
MAGNETIQUE
[54] **PATCH WITH MAGNETIC FIELD**
EFFECT
[72] GUERET, JEAN-LOUIS H., FR
[71] L'OREAL, FR
[22] 2000-03-23
[43] 2000-09-30
[30] FR (99 04 043) 1999-03-31

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[21] **2,301,990**
[13] A1

[51] **Int.Cl. 7C07C 233/18 7A61P 17/00 7C07D 471/04 7C07D 209/08 7C07C 335/12 7A61K 31/165 7A61K 31/17 7C07D 319/18 7C07D 295/185 7A61K 31/195 7C07C 233/20 7C07C 271/20 7A61K 31/216 7C07C 275/24 7A61K 31/27 7A61K 31/34 7A61K 31/352 7A61K 31/357 7A61K 31/381 7A61K 31/4045 7C07C 327/42 7A61K 31/437 7A61K 31/4453 7C07C 233/47 7A61K 31/496 7C07D 311/58 7C07C 233/60 7C07D 333/60 7C07C 323/62 7C07D 307/68 7C07D 307/81**
[25] FR
[54] **NOUVEAUX DERIVES DIMERIQUES SUBSTITUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **NEW SUBSTITUTE DIMERIZED DERIVATIVES, PROCESS FOR PREPARING THEM, AND PHARMACEUTICAL COMPOUNDS CONTAINING THEM**
[72] LESIEUR, DANIEL, FR
[72] RENARD, PIERRE, FR
[72] DESCHAMPS-FRANCOIS, CAROLE, FR
[72] DELAGRANGE, PHILIPPE, FR
[72] BENNEJEAN, CAROLINE, FR
[72] GUILLAUMET, GERALD, FR
[72] LEFOULON, FRANCOIS, FR
[72] VIAUD, MARIE-CLAUDE, FR
[72] YOUS, SAID, FR
[71] ADIR ET COMPAGNIE, FR
[22] 2000-03-23
[43] 2000-09-25
[30] FR (99/03717) 1999-03-25

[21] **2,301,998**
[13] A1

[51] **Int.Cl. 7H04L 12/14**
[25] EN
[54] **INFORMATION MANAGEMENT**
[54] **GESTION D'INFORMATIONS**
[72] BULLARD, WILLIAM CARTER CARROLL, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-22
[43] 2000-09-25
[30] US (09/276,423) 1999-03-25

[21] **2,301,999**
[13] A1

[51] **Int.Cl. 7H04L 12/26 7H04L 12/14**
[25] EN
[54] **NETWORK ACCOUNTING ARCHITECTURE**
[54] **ARCHITECTURE DE COMPTABILITE RESEAU**
[72] MAHONEY, DANIEL O., II, US
[72] BLACK, DARRYL P., US
[72] FARRELL, KEVIN, US
[72] BALL, STEVEN, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-22
[43] 2000-09-25
[30] US (09/276,424) 1999-03-25

[21] **2,302,000**
[13] A1

[51] **Int.Cl. 7H04L 12/26 7H04L 12/14**
[25] EN
[54] **DISTRIBUTED AGGREGATION**
[54] **REGROUPEMENT DE DONNEES DISTRIBUEES**
[72] BALL, STEVEN, US
[72] BLACK, DARRYL P., US
[72] MAHONEY, DANIEL O., II, US
[72] FARRELL, KEVIN, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-22
[43] 2000-09-25
[30] US (09/276,308) 1999-03-25

[21] **2,302,001**
[13] A1

[51] **Int.Cl. 7H04L 12/26 7H04L 12/14**
[25] EN
[54] **SYSTEM WIDE FLOW AGGREGATION PROCESS**
[54] **PROCESSUS DE REGROUPEMENT DE FLUX DE DONNEES RESEAU**
[72] BALL, STEVEN, US
[72] MAHONEY, DANIEL O., II, US
[72] FARRELL, KEVIN, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-22
[43] 2000-09-25
[30] US (09/276,309) 1999-03-25

[21] **2,302,002**
[13] A1

[51] **Int.Cl. 7B65H 31/00**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR REMOVING AIR INCLUSIONS WHEN FORMING STACKS FROM SHEETS**
[54] **METHODE ET MECANISME POUR ELIMINER LES POCHEs D'AIR PENDANT LA CONSTITUTION DE PILES DE FEUILLES**
[72] RAMCKE, BERND, DE
[71] E.C.H. WILL GMBH, DE
[22] 2000-03-23
[43] 2000-09-27
[30] DE (199 14 068.5) 1999-03-27

[21] **2,302,003**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/14 7H04L 12/16**
[25] EN
[54] **SERVICE MANAGEMENT**
[54] **GESTION DE SERVICE**
[72] BALL, STEVEN, US
[72] FARRELL, KEVIN, US
[72] BLACK, DARRYL P., US
[72] OPPERMAN, DONALD, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-22
[43] 2000-09-25
[30] US (09/276,452) 1999-03-25

[21] **2,302,005**
[13] A1

[51] **Int.Cl. 7A63B 63/08**
[25] EN
[54] **ROLLABLE SPORTS BASE**
[54] **BASE ROULANTE POUR APPAREIL DE SPORT**
[72] KRISTIANSSEN, KEITH, US
[72] DAVIS, MARK E., US
[72] GROSSMAN, GARY, US
[72] POLIN, RENE, US
[72] SAUNDERS, CRAIG, US
[72] WHITE, RONALD A., US
[72] BALLONE, MICHAEL, US
[71] HUFFY CORPORATION, US
[22] 2000-03-23
[43] 2000-09-24
[30] US (09/275,021) 1999-03-24

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[21] **2,302,055**
[13] A1

[51] **Int.Cl. 7E02B 3/14**
[25] EN
[54] **METHOD OF REPAIRING
CABLED REVETMENT BLOCKS**
[54] **PROCEDE DE REPARATION DE
BLOCS DE REVETEMENT DE CABLES**
[72] SMITH, LEE A., US
[71] EROSION PREVENTION
PRODUCTS, LLC, US
[22] 2000-03-23
[43] 2000-09-25
[30] US (09/528,403) 2000-03-17
[30] US (60/126,064) 1999-03-25

[21] **2,302,059**
[13] A1

[51] **Int.Cl. 7B60T 7/06 7B60K 26/02**
[25] EN
[54] **VEHICLE PEDAL BOX**
[54] **CARTER DE PEDALES DE
VEHICULE**
[72] THISTLETON, JOHN STUART, GB
[71] BCK TECHNOLOGY LIMITED, GB
[22] 2000-03-23
[43] 2000-09-25
[30] GB (9906821.5) 1999-03-25

[21] **2,302,065**
[13]

[51] **Int.Cl. 7A61F 13/26**
[25] EN
[54] **APPLICATOR FOR SANITARY
TAMPON**
[54] **APPLICATEUR DE TAMPON
HYGIENIQUE**
[72] SUGA, AYAMI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-03-24
[43] 2000-09-30
[30] JP (11-92664) 1999-03-31

[21] **2,302,078**
[13] A1

[51] **Int.Cl. 7G01L 9/12**
[25] EN
[54] **CAPACITIVE PRESSURE SENSOR
OR CAPACITIVE DIFFERENTIAL
PRESSURE SENSOR**
[54] **CAPTEUR DE PRESSION
CAPACITIF OU CAPTEUR DE
PRESSION DIFFERENTIELLE
CAPACITIF**
[72] DREWES, ULFERT, DE
[72] VELTEN, THOMAS, DE
[72] ROSSBERG, ANDREAS, DE
[72] HEGNER, FRANK, DE
[72] SCHMIDT, ELKE, DE
[71] ENVEC MESS- UND
REGELTECHNIK GMBH + CO., DE
[22] 2000-03-24
[43] 2000-09-26
[30] DE (99 10 5939.5) 1999-03-26

[21] **2,302,079**
[13] A1

[51] **Int.Cl. 7G09F 9/302 7B65D 51/24**
[25] EN
[54] **REUSABLE LID WITH DATE
INDICATING DEVICE**
[54] **COUVERCLE REUTILISABLE
AVEC INDICATEUR DE DATE**
[72] FERRETTI, BRUNO, US
[71] FERRETTI, BRUNO, US
[22] 2000-03-24
[43] 2000-09-26
[30] US (09/277,270) 1999-03-26

[21] **2,302,080**
[13] A1

[51] **Int.Cl. 7F16B 47/00 7A47B 97/00
7B60N 3/00 7B60R 7/04**
[25] EN
[54] **DEVICE AND MEANS FOR
REMOVABLY SECURING OBJECTS**
[54] **DISPOSITIF ET MOYEN POUR
FIXER DES OBJETS DE FACON NON
PERMANENTE**
[72] ADJELEIAN, MICHAEL JOHN, CA
[71] ADJELEIAN, MICHAEL JOHN, CA
[22] 2000-03-27
[43] 2000-09-26
[30] CA (2,267,022) 1999-03-26

[21] **2,302,084**
[13] A1

[51] **Int.Cl. 7H05K 5/06**
[25] EN
[54] **HAND-OPERABLE LATCH FOR
ELECTRONICS ENCLOSURE**
[54] **VERROU MANUEL POUR
ENCEINTE ELECTRONIQUE**
[72] TENNEY, DOUGLAS A., US
[72] NIESLEY, CHARLES F., JR., US
[71] GENERAL INSTRUMENT
CORPORATION, US
[22] 2000-03-24
[43] 2000-09-26
[30] US (60/126,463) 1999-03-26

[21] **2,302,086**
[13]

[51] **Int.Cl. 7H01R 13/193 7H01R 13/514**
[25] EN
[54] **PRESS-CONTACT JOINT
CONNECTOR**
[54] **CONNECTEUR ARTICULE A
CONTACTS A EMBOITEMENT**
[72] MAEDA, AKIRA, JP
[72] SATO, KEI, JP
[71] YAZAKI CORPORATION, JP
[22] 2000-03-27
[43] 2000-09-30
[30] JP (P11-92687) 1999-03-31

[21] **2,302,088**
[13]

[51] **Int.Cl. 7C22C 38/04 7B21H 5/00
7F16H 55/17 7B21D 53/28**
[25] EN
[54] **STEEL FOR GEAR, DRIVE PLATE
GEAR, AND METHOD FOR
PRODUCING THE DRIVE PLATE
GEAR**
[54] **ACIER POUR ENGRENAGES,
ENGRENAGES DE PLATEAU
D'ENTRAINEMENT, ET METHODE DE
PRODUCTION D'ENGRENAGES DE
PLATEAU D'ENTRAINEMENT**
[72] OHYA, MASAKIYO, JP
[72] WATANABE, HIROSHI, JP
[72] SHIBATA, MASATO, JP
[71] FUJIKIKO KABUSHIKI KAISHA, JP
[22] 2000-03-27
[43] 2000-09-30
[30] JP (P11-89918) 1999-03-30

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[21] **2,302,094**
[13]

[51] **Int.Cl. 7A47D 11/00 7A47D 7/00**
[25] EN
[54] **COMBINATION BASSINET AND TOY BIN**
[54] **BERCEAU ET COFFRE A JOUETS COMBINES**
[72] BASKIN-LOCKMAN, SHARON, US
[72] CARNAHAN, MICHAEL, US
[71] GRACO CHILDREN'S PRODUCTS INC., US
[22] 2000-03-24
[43] 2000-09-30
[30] US (09/281,242) 1999-03-30

[21] **2,302,096**
[13] A1

[51] **Int.Cl. 7C02F 1/74**
[25] EN
[54] **PLATE-LIKE WATER AERATOR**
[54] **AERATEUR D'EAU EN FORME DE PLAQUE**
[72] JAGER, CHRISTIAN, DE
[72] JAGER, SEBASTIAN, DE
[72] JAGER, ANDREAS, DE
[72] JAGER, CLAUDIUS, US
[71] JAGER, CHRISTIAN, DE
[71] JAGER, SEBASTIAN, DE
[71] JAGER, ANDREAS, DE
[71] JAGER, CLAUDIUS, US
[22] 2000-03-24
[43] 2000-09-25
[30] DE (199 13 682.3) 1999-03-25

[21] **2,302,098**
[13] A1

[51] **Int.Cl. 7F04B 1/12 7F04B 27/08**
[25] EN
[54] **SWASH PLATE TYPE COMPRESSOR IN WHICH LUBRICATION IS FAVORABLY KEPT AS REGARDS A PISTON JOINT**
[54] **COMPRESSEUR EN FORME DE PLATEAU INCLINE FIXE DANS LEQUEL LA LUBRIFICATION EST TOUJOURS ASSUREE EN CE QUI CONCERNE LE JOINT DE PISTON**
[72] OOTSUKI, YOSHITAKA, JP
[71] SANDEN CORPORATION, JP
[22] 2000-03-24
[43] 2000-09-25
[30] JP (80912/1999) 1999-03-25

[21] **2,302,099**
[13] A1

[51] **Int.Cl. 7D21D 5/02 7B07B 1/52**
[25] EN
[54] **PROCESS FOR THE WET SCREENING OF STOCK SUSPENSIONS IN PRESSURE GRADERS AND PRESSURE GRADER SCREEN**
[54] **PROCESSUS DE CRIBLAGE PAR VOIE HUMIDE DE SUSPENSIONS DE CHARGE DANS DES TRIEURS SOUS PRESSION ET CRIBLE DE TRIEUR SOUS PRESSION**
[72] SCHABEL, SAMUEL, DE
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE
[22] 2000-03-24
[43] 2000-09-25
[30] DE (1999 13 515.0) 1999-03-25
[30] DE (199 16 038.4) 1999-04-09

[21] **2,302,100**
[13]

[51] **Int.Cl. 7A61F 13/26**
[25] EN
[54] **APPLICATOR WITH SANITARY TAMPON**
[54] **APPLICATEUR AVEC TAMPON HYGIENIQUE**
[72] SUGA, AYAMI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2000-03-24
[43] 2000-09-30
[30] JP (11-92665) 1999-03-31

[21] **2,302,102**
[13] A1

[51] **Int.Cl. 7H04B 17/00 7G01R 31/00 7G01R 35/00**
[25] EN
[54] **PROCEDURE AND DEVICE FOR TESTING A JITTER GENERATOR**
[54] **PROCEDURE ET DISPOSITIF D'ESSAI D'UN GENERATEUR DE GIGUE**
[72] DICKMANN, NORBERT, DE
[71] WAVETEK WANDEL GOLTERMANN ENINGEN GMBH & CO., DE
[22] 2000-03-24
[43] 2000-09-26
[30] DE (199 13 722.6-35) 1999-03-26

[21] **2,302,104**
[13] A1

[51] **Int.Cl. 7A47F 5/10**
[25] EN
[54] **EXPANDABLE DISPLAY APPARATUS AND METHOD**
[54] **PRESENTOIR EXTENSIBLE ET METHODE**
[72] OOSTERMAN, DOUGLAS, US
[72] GRAM, JAMES E., US
[72] ADAMS, DUANE D., US
[72] DUFFY, MICHAEL, US
[71] OOSTERMAN, DOUGLAS, US
[71] GRAM, JAMES E., US
[71] ADAMS, DUANE D., US
[71] DUFFY, MICHAEL, US
[22] 2000-03-24
[43] 2000-09-26
[30] US (60/160,072) 1999-03-26
[30] US (09/277,591) 1999-03-26

[21] **2,302,107**
[13] A1

[51] **Int.Cl. 7A61F 13/02**
[25] EN
[54] **FIRST AID ADHESIVE PLASTER**
[54] **DIACHYLON POUR PREMIERS SOINS**
[72] MURATA, TAKAAKI, JP
[71] ASO SEIYAKU KABUSHIKI KAISHA, JP
[22] 2000-03-24
[43] 2000-09-27
[30] JP (124708) 1999-03-27
[30] JP (324499) 1999-10-09

[21] **2,302,118**
[13] A1

[51] **Int.Cl. 7G01N 35/00 7B81B 1/00 7G01N 37/00 7B29C 71/04**
[25] EN
[54] **STRUCTURED LIQUID-REPELLENT SURFACES HAVING REGIONS WHICH ARE LIQUID-WETTING IN A DEFINED LOCATION**
[54] **SURFACES IMPERMEABILISEES STRUCTUREES COMPRENANT DES ZONES CONTENANT UN POINT PARTICULIER DE MOUILLAGE**
[72] SCHLEICH, BERNHARD, DE
[72] KUHN, PETER, DE
[71] CREAVIS GESELLSCHAFT FUR TECHNOLOGIE UND INNOVATION MBH, DE
[22] 2000-03-27
[43] 2000-09-29
[30] DE (19914007.3) 1999-03-29

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[21] **2,302,119**
[13]

[51] **Int.Cl. 7B65D 1/40 7B29C 45/00 7F01P 11/02**
[25] EN
[54] **METHOD OF MAKING A PLASTIC CONTAINER WITH INTEGRAL CHANNEL**
[54] **METHODE DE FABRICATION D'UN CONTENANT EN PLASTIQUE AVEC CANAUX DE CIRCULATION INTEGRES**
[72] SIMARD, SYLVAIN, CA
[72] FILION, FRANCOIS, CA
[72] KHENNACHE, OMAR, CA
[71] CAMOPLAST INC., CA
[22] 2000-03-27
[43] 2000-09-30
[30] CA (2,267,640) 1999-03-31

[21] **2,302,122**
[13]

[51] **Int.Cl. 7B41J 2/21 7B41J 2/525**
[25] EN
[54] **PRINTING SYSTEM, PRINT CONTROLLER, PRINTING APPARATUS, METHOD OF CONTROLLING PRINTING OPERATION, METHOD OF PRINTING, INK CARTRIDGE, INK SUPPLIER, AND RECORDING MEDIUM**
[54] **SYSTEME D'IMPRESSION, CONTROLEUR D'IMPRESSION, APPAREIL D'IMPRESSION, METHODE DE CONTROLE DE L'IMPRESSION, METHODE D'IMPRESSION, CARTOUCHE D'ENCRE, DISTRIBUTEUR D'ENCRE, ET SUPPORT D'ENREGISTREMENT**
[72] KAKUTANI, TOSHIKI, JP
[71] SEIKO EPSON CORPORATION, JP
[22] 2000-03-27
[43] 2000-09-30
[30] JP (11-91040) 1999-03-31

[21] **2,302,124**
[13] A1

[51] **Int.Cl. 7H03F 1/56**
[25] EN
[54] **HIGH-EFFICIENCY LINE DRIVER**
[54] **CIRCUIT DE COMMANDE DE LIGNE A HAUT RENDEMENT**
[72] ANDERSON, CARL, CA
[72] GORCEA, DAN, CA
[72] JAKAB, GYULA, CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-24
[43] 2000-09-25
[30] US (09/276,143) 1999-03-25

[21] **2,302,129**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/56**
[25] EN
[54] **TIMESTAMPING ARBITRATION IN DIGITAL COMMUNICATION DEVICES**
[54] **ARBITRAGE D'HORODATAGE POUR DISPOSITIFS DE COMMUNICATIONS NUMERIQUES**
[72] JANOSKA, MARK, CA
[72] CHOW, HENRY, CA
[72] HUNG, ANTHONY, US
[71] NEWBRIDGE NETWORKS CORPORATION, CA
[22] 2000-03-27
[43] 2000-09-26
[30] CA (2,267,021) 1999-03-26

[21] **2,302,131**
[13] A1

[51] **Int.Cl. 7H04L 29/10 7H04L 12/56**
[25] EN
[54] **NETWORK DEVICE APPLICATION PROGRAMMING INTERFACE**
[54] **INTERFACE DE PROGRAMMATION D'APPLICATIONS DE DISPOSITIF RESEAU**
[72] TRAVOSTINO, FRANCO, US
[72] CAIN, BRADLEY, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-27
[43] 2000-09-26
[30] US (60/126,460) 1999-03-26

[21] **2,302,134**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12Q 1/48 7G01N 33/53 7G01N 33/535 7G01N 33/573**
[25] EN
[54] **COMPOSITION AND METHODS FOR MONITORING THE BINDING OF A1/UP1 TO TELOMERIC DNA SEQUENCES AND TELOMERASE RNA, AND TO MEASURE THE EFFECT OF THIS BINDING ON TELOMERE EXTENSION AND PROTECTION**
[54] **COMPOSITION ET METHODES SERVANT A CONTROLER LA LIAISON DE A1/UP1 AVEC DES SEQUENCES TELOMERIQUES D'ADN ET AVEC L'ARN-POLYMERASE, ET SERVANT A MESURER L'EFFET DE CETTE LIAISON SUR L'ACCROISSEMENT ET LA PROTECTION DE TELOMERE**
[72] WELLINGER, RAYMUND, CA
[72] CHABOT, BENOIT, CA
[71] TÉLOGENE INC., CA
[22] 2000-03-27
[43] 2000-09-25
[30] CA (2,264,262) 1999-03-25

[21] **2,302,135**
[13] A1

[51] **Int.Cl. 7B01D 11/04**
[25] EN
[54] **CENTRIFUGAL EXTRACTION PROCESS**
[54] **PROCEDE D'EXTRACTION CENTRIFUGE**
[72] ROBEY, RAYMOND JOHN, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-03-27
[43] 2000-09-26
[30] US (09/276,668) 1999-03-26

[21] **2,302,141**
[13] A1

[51] **Int.Cl. 7C11D 17/02 7C11D 3/10 7C11D 1/14 7C11D 1/22**
[25] EN
[54] **A BUILDER-CONTAINING TABLET**
[54] **PASTILLE CONTENANT UN ADJUVANT**
[72] VOLK, HARALD, LU
[72] JESCHKE, PETER, DE
[72] PUETZ, MIKE, LU
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-03-27
[43] 2000-09-25
[30] DE (199 13 434.0) 1999-03-25
[30] DE (199 42 796.8) 1999-09-08

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[21] **2,302,143**
[13] A1
[51] **Int.Cl. 7F23D 14/68 7B01D 53/22**
[25] EN
[54] **PROCESS FOR ENRICHED COMBUSTION USING SOLID ELECTROLYTE IONIC CONDUCTOR SYSTEMS**
[54] **PROCEDE DE COMBUSTION ENRICHEE UTILISANT DES SYSTEMES DE CONDUCTEURS IONIQUES A ELECTROLYTES SOLIDES**
[72] KOBAYASHI, HISASHI, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-03-27
[43] 2000-09-29
[30] US (09/280,340) 1999-03-29

[21] **2,302,144**
[13]
[51] **Int.Cl. 7C07C 237/22 7A61K 38/05 7C07K 5/062 7C07K 5/065 7C07C 279/14 7C07D 207/16 7A61K 31/16 7A61K 31/166 7A61P 31/18 7A61K 31/198 7C07D 209/20 7A61K 31/216 7C07C 235/34 7A61K 31/401 7A61K 31/405 7A61K 31/4172 7C07C 235/52 7C07C 323/59 7C07D 233/64**
[25] EN
[54] **HYDROXYPHENYL DERIVATIVES WITH HIV INTEGRASE INHIBITORY PROPERTIES**
[54] **DERIVES HYDROXYPHENYLIQUES AYANT DES PROPRIETES INHIBITRICES DE VIH-INTEGRASE**
[72] SAUVE, GILLES, CA
[72] YELLE, JOCELYN, CA
[71] SAUVE, GILLES, CA
[71] YELLE, JOCELYN, CA
[22] 2000-03-27
[43] 2000-09-30
[30] CA (2,267,657) 1999-03-30

[21] **2,302,182**
[13] A1
[51] **Int.Cl. 7C07D 307/33 7C07C 49/04 7C12P 17/04 7A23L 1/23 7A61K 7/24 7A23G 3/30 7C11D 9/44 7A61K 7/46 7C11D 3/50 7C07C 45/78**
[25] EN
[54] **PROCESS FOR PREPARING GAMMHEXALACTONE, PRODUCTS PRODUCED THEREFROM AND ORGAN OLEPTIC USES OF SAID PRODUCTS**
[54] **PROCESSUS DE PREPARATION DE GAMMA-HEXALACTONE, PRODUITS RESULTANT DE CE PROCESSUS ET USAGES ORGANOLEPTIQUES DE CES PRODUITS**
[72] KIZER, LAURA E., US
[72] HE, FENJIN, US
[72] FARBOOD, MOHAMAD I., US
[71] INTERNATIONAL FLAVORS & FRAGRANCES INC., US
[22] 2000-03-24
[43] 2000-09-25
[30] US (09/275,768) 1999-03-25

[21] **2,302,184**
[13] A1
[51] **Int.Cl. 7B41J 11/20**
[25] EN
[54] **PRINTER HAVING A MEDIA TRANSPORTATION PATH OPEN/CLOSE MECHANISM**
[54] **IMPRIMANTE MUNIE D'UN MECANISME D'OUVERTURE ET DE FERMETURE DE TRAJET DE TRANSPORT DE SUPPORT**
[72] ARAI, KENICHIRO, JP
[72] SATO, SEIYA, JP
[71] SEIKO EPSON CORPORATION, JP
[22] 2000-03-24
[43] 2000-09-25
[30] JP (11-082573) 1999-03-25

[21] **2,302,186**
[13] A1
[51] **Int.Cl. 7H01H 5/20**
[25] EN
[54] **A ROCKER SWITCH USING A STAR SPRING**
[54] **INTERRUPTEUR A BASCULE UTILISANT UN RESSORT EN ETOILE**
[72] LAWREN, GREGORY, US
[72] GIANNUZZI, RALPH, US
[72] WILLIAMS, MICHAEL D., US
[72] TANACAN, MEHMET K., US
[72] MARTIN, CLIFFORD G., US
[71] LEVITON MANUFACTURING CO., INC., US
[22] 2000-03-24
[43] 2000-09-26
[30] US (09/276,943) 1999-03-26

[21] **2,302,196**
[13]
[51] **Int.Cl. 7B01F 5/04**
[25] EN
[54] **VENTURI APPARATUS, AND IN-LINE MIXER INCORPORATING SAME**
[54] **VENTURI ET MELANGEUR EN CONTINU COMPORTANT UN TEL APPAREIL**
[72] LIBBY, KELLY, CA
[71] EFX MIXING TECHNOLOGY INC., CA
[22] 2000-03-24
[43] 2000-09-30
[30] GB (9907487.4) 1999-03-31

[21] **2,302,380**
[13] A1
[51] **Int.Cl. 7G01N 21/75**
[25] EN
[54] **ANALYSIS OF HYDROGEN SULFIDE IN HYDRIDE GASES**
[54] **ANALYSE DU SULFURE D'HYDROGENE DANS DES HYDRURES GAZEUX**
[72] SALIM, SATERIA, US
[72] LITWIN, MICHAEL MARK, US
[72] GODDAR, JOHN BURNHAM, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-03-22
[43] 2000-09-24
[30] US (09/275,574) 1999-03-24

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[21] **2,302,390**
[13] A1

[51] **Int.Cl. 7B60J 9/02 7B60Q 9/00 7B60Q 11/00 7B60R 5/00 7B60R 27/00**
[25] EN
[54] **SAFETY SYSTEM FOR A CLOSED COMPARTMENT OF A VEHICLE**
[54] **SYSTEME DE SECURITE POUR COMPARTIMENT FERME D'UN VEHICULE**
[72] HOEKSTRA, ERIC J., US
[72] LYNAM, NIAL R., US
[72] BINGLE, ROBERT L., US
[72] KOOPS, ROGER L., US
[72] SCHOFIELD, KENNETH, US
[72] MCCARTHY, KEVIN C., US
[72] ULHMANN, EUGENE V., US
[72] TEOWEE, GIMTONG, US
[72] BOS, BRENT J., US
[72] TAYLOR, DAVID W., US
[71] DONNELLY CORPORATION, US
[22] 2000-03-23
[43] 2000-09-24
[30] US (09/275,565) 1999-03-24
[30] US (60/135,393) 1999-05-21
[30] US (09/484,754) 2000-01-18
[30] US (09/516,831) 2000-03-01

[21] **2,302,406**
[13] A1

[51] **Int.Cl. 7E21B 10/16 7E21B 10/24**
[25] EN
[54] **DRILLING HEAD WITH A CONE ROCK BIT**
[54] **TETE DE FORAGE A TREPAN TRICONE**
[72] BESSON, ALAIN, FR
[72] FAYAUD, PATRICK, FR
[72] TISSIER, BERNARD, FR
[72] LECOUR, PIERRE, FR
[71] HUTCHINSON, FR
[71] TOTAL, FR
[22] 2000-03-23
[43] 2000-09-26
[30] FR (99 03813) 1999-03-26

[21] **2,302,458**
[13] A1

[51] **Int.Cl. 7C09D 5/46**
[25] EN
[54] **POWDER PAINT COMPOSITION AND PROCESS FOR FORMING MULTI-LAYER COATS CONTAINING THE COAT THEREOF**
[54] **COMPOSITION DE PEINTURE EN POUDRE ET PROCEDE DE FORMATION DE PELLICULES MULTICOUCHES CONTENANT CE PRODUIT DE REVETEMENT**
[72] UEMURA, KAZUYOSHI, JP
[72] YAMAGUCHI, MASAYUKI, JP
[72] SEO, SHINJI, JP
[72] YAMASHITA, YUKIHIRO, JP
[72] SUDO, NORIHIKO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[71] NIPPON PAINT CO., LTD., JP
[22] 2000-03-22
[43] 2000-09-25
[30] JP (81347/1999) 1999-03-25

[21] **2,302,538**
[13] A1

[51] **Int.Cl. 7E21B 34/06**
[25] EN
[54] **PRODUCTION TUBING SHUNT VALVE**
[54] **ROBINET DE DERIVATION POUR TUBE DE PRODUCTION**
[72] DILLON, DAVID B., US
[72] TETZLAFF, STEVEN K., US
[72] OLSON, DAVID L., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2000-03-24
[43] 2000-09-24
[30] US (60/125,854) 1999-03-24

[21] **2,302,560**
[13] A1

[51] **Int.Cl. 7C03C 4/02**
[25] EN
[54] **GREY GLASS COMPOSITION AND METHOD OF MAKING SAME**
[54] **COMPOSITION DE VERRE GRIS ET METHODE DE FABRICATION DE CE PRODUIT**
[72] LANDA, KSENIA ALEXANDER, US
[72] LANDA, LEONID MENDEL, US
[72] LONGOBARDO, ANTHONY VINCENT, US
[72] COCHRAN, GARY SELDON, US
[71] GUARDIAN INDUSTRIES CORP., US
[22] 2000-03-22
[43] 2000-09-29
[30] US (09/277,749) 1999-03-29

[21] **2,302,600**
[13]

[51] **Int.Cl. 7B65H 75/00 7B65H 18/04 7B65H 75/24 7B65H 75/26**
[25] EN
[54] **SLIP SHAFT ASSEMBLY HAVING CORE AXIAL POSITION FIXING MECHANISM**
[54] **ARBRE A GLISSEMENT DOTE D'UN MECANISME DE FIXATION DE LA POSITION AXIALE DU NOYAU**
[72] MILLER, WILLIAM R., US
[72] STOLYAR, SEMION, US
[71] TIDLAND CORPORATION, US
[22] 2000-03-22
[43] 2000-09-30
[30] US (09/283,822) 1999-03-31

[21] **2,302,608**
[13] A1

[51] **Int.Cl. 7H04L 5/00 7H04H 5/00**
[25] EN
[54] **MULTISTREAM IN-BAND-ON-CHANNEL SYSTEMS**
[54] **SYSTEMES A FLUX MULTIPLES INTRABANDE SUR LE CANAL**
[72] MANSOUR, DAVID, US
[72] SINHA, DEEPEN, US
[72] SUNDBERG, CARL-ERIK WILHELM, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-03-28
[43] 2000-09-29
[30] US (09/280,280) 1999-03-29
[30] US (09/290,819) 1999-04-13

[21] **2,302,610**
[13] A1

[51] **Int.Cl. 7A23L 1/36**
[25] EN
[54] **PEANUT BISCUITS AND CRUMBS**
[54] **BISCUITS ET MIETTES AUX ARACHIDES**
[72] YAMEOGO, MARC-HENRI, CA
[71] YAMEOGO, MARC-HENRI, CA
[22] 2000-03-28
[43] 2000-09-29
[30] US (09/277,546) 1999-03-29

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[21] **2,302,612**
[13]

[51] **Int.Cl. 7C08G 18/83 7C14C 9/00 7C09D 175/08 7C09J 175/08 7C09K 3/10 7C08G 18/48**

[25] EN

[54] **POLYURETHANE SOLUTIONS TERMINATED WITH AMINO-FUNCTIONAL HETEROCYCLIC STOPPERS**

[54] **SOLUTIONS DE POLYURETHANE POSSEDANT DES GROUPES TERMINAUX HETEROCYCLIQUES A FONCTION AMINE INHIBITEURS DE REACTION**

[72] SCHUTZE, DETLEF-INGO, DE

[72] BLUM, HARALD, DE

[71] BAYER AKTIENGESELLSCHAFT, DE

[22] 2000-03-28

[43] 2000-09-30

[30] DE (19914293.9) 1999-03-30

[21] **2,302,615**
[13]

[51] **Int.Cl. 7C08F 220/26 7C08F 222/02 7C08F 226/06 7C08F 220/34**

[25] EN

[54] **POLYALKYL METHACRYLATE PLASTISOLS WITH IMPROVED FLOW PROPERTIES**

[54] **PLASTISOLS DE POLY(METHACRYLATE D'ALKYLE) POSSEDANT DES PROPRIETES D'ECOULEMENT AMELIOREES**

[72] OLSCHIEWSKI, ANDREAS, DE

[72] SCHULTES, KLAUS, DE

[72] SCHMITT, GUENTHER, DE

[72] MAGER, THEODOR, DE

[71] ROEHM GMBH, DE

[22] 2000-03-28

[43] 2000-09-30

[30] DE (199 14 605.5) 1999-03-30

[21] **2,302,623**
[13]

[51] **Int.Cl. 7H01F 41/02**

[25] EN

[54] **METHOD FOR MANUFACTURING A PENCIL-SHAPED CORE**

[54] **METHODE DE FABRICATION D'UN CRAYON ATMOSPHERIQUE**

[72] LATKOW, GARY G., US

[71] TEMPEL STEEL COMPANY, US

[22] 2000-03-28

[43] 2000-09-30

[30] US (09/281,942) 1999-03-31

[21] **2,302,632**
[13] A1

[51] **Int.Cl. 7C11D 3/395 7C11D 3/42 7C11D 7/54**

[25] EN

[54] **GRANULAR N-ALKYL AMMONIUM ACETONITRILE COMPOSITIONS**

[54] **COMPOSITIONS GRANULAIRES D'ACETONITRILE D'AMMONIUM N-ALKYLE**

[72] BLONDEAU, SARAH P., US

[72] SIBERT, WILLIAM P., US

[72] SANDOVAL, DAVID C., US

[72] HUESTIS, SUSAN P., US

[72] JASZENOVICS, AGNES, US

[72] PICHÉ, GREGORY M., US

[71] THE CLOROX COMPANY, US

[22] 2000-03-28

[43] 2000-09-29

[30] US (09/280,178) 1999-03-29

[21] **2,302,633**
[13]

[51] **Int.Cl. 7H04L 12/56**

[25] EN

[54] **SYSTEM FOR PROVIDING CONVERSION OF TDM-BASED FRAME RELAY DATA IN A CROSS-CONNECT MATRIX TO AND FROM ATM DATA**

[54] **SYSTEME PERMETTANT DE CONVERTIR DES DONNEES TDM DE RELAIS DE TRAME EN DONNEES ATM DANS UNE MATRICE DE REPARTITION, ET VICE-VERSA**

[72] PLUMMER, MIKE, US

[72] POTTER, CLAY, US

[72] CANTWELL, ROBERT, US

[71] ALCATEL USA SOURCING, L.P., US

[22] 2000-03-28

[43] 2000-09-30

[30] US (09/282.894) 1999-03-31

[21] **2,302,635**
[13]

[51] **Int.Cl. 7A61M 25/00**

[25] EN

[54] **CATHETER SYSTEM**

[54] **SYSTEME DE CATHETER**

[72] BEARDSLEY, TIMOTHY, US

[71] CODMAN & SHURTLEFF, INC., US

[22] 2000-03-28

[43] 2000-09-30

[30] US (09/281,546) 1999-03-30

[21] **2,302,646**
[13] A1

[51] **Int.Cl. 7A43C 7/00**

[25] EN

[54] **QUICK SHOE LACE TIGHTENER**

[54] **TENDEUR RAPIDE DE LACET DE CHAUSSURE**

[72] WATSON, THOMAS A., CA

[72] LEE, LAWRENCE H., CA

[71] WATSON, THOMAS A., CA

[71] LEE, LAWRENCE H., CA

[22] 2000-03-17

[43] 2000-09-29

[30] US (09/277548) 1999-03-29

[21] **2,302,653**
[13] A1

[51] **Int.Cl. 7C08G 77/18 7C08G 77/26**

[25] EN

[54] **CURABLE COMPOSITION**

[54] **COMPOSITION DURCISSABLE**

[72] IWAKIRI, HIROSHI, JP

[72] ITO, HIROSHI, JP

[72] JYONO, HIDEHARU, JP

[72] HIDETOSHI, ODAKA, JP

[71] KANEKA CORPORATION, JP

[22] 2000-03-28

[43] 2000-09-29

[30] JP (11-085575) 1999-03-29

[30] JP (11-088967) 1999-03-30

[21] **2,302,655**
[13]

[51] **Int.Cl. 7B01D 53/64**

[25] EN

[54] **USE OF SULFIDE-CONTAINING GASES AND LIQUORS FOR REMOVING MERCURY FROM FLUE GASES**

[54] **UTILISATION DE GAZ ET DE LIQUEURS CONTENANT DES SULFURES POUR ELIMINER LE MERCURE DE GAZ DE COMBUSTION**

[72] NOLAN, PAUL S., US

[72] BAILEY, RALPH T., US

[72] DOWNS, WILLIAM, US

[72] VECCI, STANLEY J., US

[71] MCDERMOTT TECHNOLOGY, INC., US

[71] THE BABCOCK & WILCOX COMPANY, US

[22] 2000-03-28

[43] 2000-09-30

[30] US (09/282,817) 1999-03-31

[30] US (09/464,806) 1999-12-17

Demandes canadiennes mises à la disponibilité du public
24 septembre 2000 - 30 septembre 2000

[21] **2,302,658**
[13]

[51] **Int.Cl. 7B21B 37/28 7B21B 37/16**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING SHEET SHAPE IN SHEET ROLLING**
[54] **METHODE ET APPAREIL POUR CONTROLER LA FORME DES TOLES PENDANT LEUR LAMINAGE**
[72] TAKEBAYASHI, KATSUHIRO, JP
[72] KAJI, TAKAYUKI, JP
[72] KAWAGA, TAKUSHI, JP
[72] SHIOMI, HIROSHI, JP
[71] KAWASAKI STEEL CORPORATION, JP
[22] 2000-03-28
[43] 2000-09-30
[30] JP (11-090948) 1999-03-31

[21] **2,302,659**
[13] A1

[51] **Int.Cl. 6B29C 45/14 6B29C 45/64**
[25] EN
[54] **A METHOD OF MOLDING A PERIPHERALLY ENCAPSULATED PRODUCT UNDER HEAT AND PRESSURE UTILIZING SHEET MOLDING COMPOUND (SMC) OR BULK MOLDING COMPOUND (BMC), AND THE PERIPHERALLY ENCAPSULATED PRODUCT**
[54] **METHODE DE MOULAGE D'UN PRODUIT A ENCAPSULATION PERIPHERIQUE, PAR PRESSION ET CHALEUR, EN UTILISANT UN MELANGE A MOULER EN FEUILLE (SMC) OU UN MELANGE A MOULER EN VRAC (BMC), ET PRODUIT A ENCAPSULATION PERIPHERIQUE RESULTANT**
[72] HERRMANN, BOB, US
[72] DALEY, HOWARD, US
[72] BIENICK, CRAIG, US
[71] GEMTRON CORPORATION, US
[22] 2000-03-28
[43] 2000-09-29
[30] US (09/277,756) 1999-03-29

[21] **2,302,717**
[13] A1

[51] **Int.Cl. 7A61B 19/08**
[25] EN
[54] **SURGICAL DRAPE CONFIGURATION & PACKAGE**
[54] **CONFIGURATION ET EMBALLAGE DE CHAMPS OPERATOIRES**
[72] ANNETT, LELAND W., US
[72] PADGET, DAVID B., US
[71] MEDICAL CONCEPTS DEVELOPMENT, INC., US
[22] 2000-03-24
[43] 2000-09-29
[30] US (09/277,895) 1999-03-29

[21] **2,302,718**
[13] A1

[51] **Int.Cl. 7E04D 13/10**
[25] EN
[54] **SNOW GUARD SYSTEM HAVING A FLAG TYPE ATTACHMENT**
[54] **GARDE-NEIGE COMPRENANT UN ACCESSOIRE DE TYPE DRAPEAU**
[72] ALLEY, F. WILLIAM, US
[71] ALLEY, F. WILLIAM, US
[22] 2000-03-28
[43] 2000-09-29
[30] US (09/280,635) 1999-03-29

[21] **2,302,719**
[13]

[51] **Int.Cl. 7C25F 7/00 7C25F 3/16**
[25] EN
[54] **TUBE INNER SURFACE ELECTROPOLISHING DEVICE WITH ELECTROLYTE DAM**
[54] **DISPOSITIF D'ELECTROPOLISSAGE DE LA SURFACE INTERNE D'UN TUBE DOTE D'UN REGULATEUR D'ELECTROLYTE**
[72] LORINCZ, THOMAS A., US
[72] PARISI, JOSEPH P., US
[71] THERMA CORPORATION, INC., US
[22] 2000-03-28
[43] 2000-09-30
[30] US (09/282,587) 1999-03-31

[21] **2,302,720**
[13] A1

[51] **Int.Cl. 7A61L 33/04**
[25] EN
[54] **ANTICOAGULANT/STERILIZING COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS STERILISANTES AVEC ANTICOAGULANT ET METHODES CONNEXES**
[72] PFIRRMANN, ROLF W., CH
[71] ED GEISTLICH SOHNE AG FUR CHEMISCHE INDUSTRIE, CH
[22] 2000-03-28
[43] 2000-09-29
[30] US (60/126,940) 1999-03-29
[30] US (09/527,558) 2000-03-16

[21] **2,302,722**
[13] A1

[51] **Int.Cl. 7F15B 15/22**
[25] EN
[54] **PNEUMATIC CYLINDER WITH DAMPING DEVICE**
[54] **VERIN PNEUMATIQUE A AMORTISSEUR**
[72] MIGLIORI, LUCIANO, IT
[71] MIGLIORI, LUCIANO, IT
[22] 2000-03-28
[43] 2000-09-29
[30] IT (MI99A 000640) 1999-03-29

[21] **2,302,725**
[13] A1

[51] **Int.Cl. 7A61C 19/04**
[25] EN
[54] **MAXILLARY TOOTH DIMENSION DETERMINING SYSTEM**
[54] **SYSTEME POUR DETERMINER LES DIMENSIONS DES DENTS DANS LE MAXILLAIRE**
[72] TAKAISHI, YOSHITOMO, JP
[72] FURUOKA, SHINGO, JP
[71] TAKAISHI, YOSHITOMO, JP
[22] 2000-03-28
[43] 2000-09-29
[30] JP (11-85580) 1999-03-29
[30] JP (11-194246) 1999-07-08

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[21] **2,302,727**
[13]

[51] **Int.Cl. 7C07D 279/12 7C07C 231/02 7C07C 237/04 7C07C 213/08 7C07D 241/08 7C07C 319/12 7C07C 215/16 7C07C 235/16 7C07C 323/25 7C07D 265/32 7C07C 209/50 7C07C 323/52 7C07C 211/53 7C07C 323/60**

[25] EN
[54] **PROCESS FOR PREPARING CYCLIC THIOAMIDES**
[54] **SYNTHESE DE THIO-AMIDES CYCLIQUES**

[72] RAGGON, JEFFREY WILLIAM, US
[72] QUALLICH, GEORGE JOSEPH, US
[72] HILL, PAUL DAVID, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-03-28
[43] 2000-09-30
[30] US (60/126,831) 1999-03-30

[21] **2,302,781**
[13] A1

[51] **Int.Cl. 7G06F 3/033**

[25] EN
[54] **OPERATING SYSTEM INDEPENDENT GRAPHICAL USER INTERFACE WITH SLIDING PANEL**
[54] **INTERFACE GUI INDEPENDANT DU SYSTEME D'EXPLOITATION, A FENETRES A BASCULEMENT**

[72] LOWERY, TIMOTHY, US
[72] MANDULEY, DEBRA, US
[72] NEBEL, JOSEPH, US
[71] POWERWARE CORPORATION, US
[22] 2000-03-28
[43] 2000-09-29
[30] US (09/280,410) 1999-03-29

[21] **2,302,804**
[13] A1

[51] **Int.Cl. 7F16L 29/00 7F16L 37/34 7B67D 5/378**

[25] EN
[54] **LOW EMISSION DISCONNECT SYSTEM**
[54] **SYSTEME DE RACCORD A FAIBLE DEBIT**

[72] NIMBERGER, SPENCER M., US
[71] PGI INTERNATIONAL, LTD., US
[22] 2000-03-24
[43] 2000-09-26
[30] US (60/126,563) 1999-03-26
[30] US (09/531,634) 2000-03-21

[21] **2,302,848**
[13]

[51] **Int.Cl. 7G01V 1/143**

[25] FR
[54] **VIBRATEUR COMPACT ET METHODE DE SURVEILLANCE OU DE PROSPECTION SISMIQUE UTILISANT UN TEL VIBRATEUR**
[54] **COMPACT VIBRATOR AND METHOD OF SEISMIC PROSPECTING OR MONITORING USING SUCH A VIBRATOR**

[72] MEYNIER, PATRICK, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR

[71] GAZ DE FRANCE, FR
[71] COMPAGNIE GENERALE DE GEOPHYSIQUE, FR

[22] 2000-03-28
[43] 2000-09-30
[30] FR (99 04 001) 1999-03-30

[21] **2,302,851**
[13]

[51] **Int.Cl. 7C07C 11/22 7C07C 11/14 7C07C 5/327 7C07C 5/35**

[25] FR
[54] **PROCEDE DE PRODUCTION DE METHYLACETYLENE ET DE PROPADIENE**
[54] **PRODUCTION PROCESS FOR METHYL ACETYLENE AND PROPADIENE**

[72] BUSSON, CHRISTIAN, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR

[22] 2000-03-29
[43] 2000-09-30
[30] FR (99 04 124) 1999-03-31

[21] **2,302,853**
[13]

[51] **Int.Cl. 6B32B 5/08 7C08J 5/18**

[25] FR
[54] **PLAQUES ANTI-FRAGMENTATION EN POLYMERE THERMOPLASTIQUE, NOTAMMENT POLYMERE ACRYLIQUE ET LEUR UTILISATION COMME MURS ANTIBRUIT**
[54] **ANTI-FRAGMENTATION PLATES IN THERMOPLASTIC POLYMER, IN PARTICULAR ACRYLIC POLYMER AND THEIR USE AS NOISE ABATEMENT WALLS**

[72] BOUE, ISABELLE, FR
[72] MARCARIAN, XAVIER, FR
[71] ELF ATOCHEM S.A., FR

[22] 2000-03-29
[43] 2000-09-30
[30] FR (99 03 940) 1999-03-30

[21] **2,302,869**
[13] A1

[51] **Int.Cl. 7C08K 5/544**

[25] EN
[54] **ONE-PACK TYPE CURABLE RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE DURCISSABLE DU TYPE EN UN SEUL EMBALLAGE**

[72] KAWAKUBO, FUMIO, JP
[72] FUKUNAGA, ATSUSHI, JP
[72] ANDO, HIROSHI, JP
[72] MASAOKA, YOSHITERU, JP
[71] KANEKA CORPORATION, JP

[22] 2000-03-29
[43] 2000-09-29
[30] JP (HEI.11-86689) 1999-03-29

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[21] **2,302,875**
[13]

[51] **Int.Cl. 7C07C 309/65 7C07C 381/00 7C09D 11/02 7A61K 6/08 7C07D 295/135 7C07D 319/18 7C07D 333/22 7C07C 317/32 7C07C 323/47 7C07D 307/52 7C07D 213/53 7C07D 317/58 7C07C 309/73**
[25] EN
[54] **OXIME DERIVATIVES AND THE USE THEREOF AS LATENT ACIDS**
[54] **DERIVES D'OXIME ET UTILISATION DE CES DERIVES COMME ACIDES A EFFET LATENT**
[72] YAMATO, HITOSHI, JP
[72] ASAKURA, TOSHIKAGE, JP
[72] OHWA, MASAKI, JP
[72] BIRBAUM, JEAN-LUC, CH
[72] DIETLIKER, KURT, CH
[72] TANABE, JUNICHI, JP
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[22] 2000-03-29
[43] 2000-09-30
[30] EP (99810273.5) 1999-03-31
[30] EP (99810287.5) 1999-04-07
[30] EP (99810779.1) 1999-08-30

[21] **2,302,881**
[13]

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/10 7C12P 19/34 7G01N 33/58**
[25] EN
[54] **METHOD FOR QUANTIFICATION OF AN ANALYTE**
[54] **METHODE POUR DETERMINER LA QUANTITE D'UN ANALYTE**
[72] WITTMER, CARL T., US
[72] LOHMANN, SABINE, DE
[72] GUTEKUNST, MARTIN, DE
[71] ROCHE DIAGNOSTICS GMBH, DE
[22] 2000-03-29
[43] 2000-09-30
[30] US (09/281,448) 1999-03-30

[21] **2,302,883**
[13]

[51] **Int.Cl. 7A61B 10/00**
[25] EN
[54] **CONTROL METHOD FOR AN AUTOMATED SURGICAL BIOPSY DEVICE**
[54] **METHODE DE CONTROLE POUR UN DISPOSITIF DE BIOPSIE CHIRURGICALE AUTOMATISE**
[72] NGUYEN, ANTHONY T., US
[72] BURDORFF, MARK A., US
[72] RACZEK, RANDY M., US
[72] QUATROCHI, CHRIS K., US
[72] HIBNER, JOHN A., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2000-03-29
[43] 2000-09-30
[30] US (09/282,140) 1999-03-31

[21] **2,302,886**
[13]

[51] **Int.Cl. 7A61K 31/454 7A61K 9/08**
[25] EN
[54] **A STABLE AQUEOUS SOLUTION OF EM 12**
[54] **SOLUTION AQUEUSE STABLE D'EM 12**
[72] KUGELMANN, HEINRICH, DE
[72] GERMANN, TIENO, DE
[71] GRUNENTHAL GMBH, DE
[22] 2000-03-29
[43] 2000-09-30
[30] DE (199 14 621.7) 1999-03-31

[21] **2,302,888**
[13]

[51] **Int.Cl. 7A61L 2/14**
[25] EN
[54] **METHOD OF ENHANCED STERILIZATION WITH IMPROVED MATERIAL COMPATIBILITY**
[54] **METHODE DE STERILISATION PERFECTIONNEE AVEC AMELIORATION DE LA COMPATIBILITE DES MATERIAUX**
[72] CHU, NANCY S., US
[72] MERHAZION, ABRAHAM, US
[72] WU, SU-SYIN S., US
[71] ETHICON, INC., US
[22] 2000-03-29
[43] 2000-09-30
[30] US (60/127,160) 1999-03-31
[30] US (09/470,246) 1999-12-22

[21] **2,302,889**
[13]

[51] **Int.Cl. 7A63F 13/04**
[25] EN
[54] **TARGET GAME DEVICE AND ASSOCIATED INTEGRATED SYSTEM**
[54] **DISPOSITIF DE TIR A LA CIBLE ET SYSTEME INTEGRE CONNEXE**
[72] VALLO, MATTHEW J., US
[72] CRAMM, EUGENE, US
[72] HARSHAW, ROBERT C., US
[71] CEC ENTERTAINMENT, INC., US
[22] 2000-03-29
[43] 2000-09-30
[30] US (60/126,850) 1999-03-30

[21] **2,302,892**
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7H04M 1/725**
[25] EN
[54] **LIMITED USE MOBILE TELEPHONE**
[54] **RADIOTELEPHONE MOBILE A USAGE LIMITE**
[72] LONG, J. WAYNE, US
[71] LONG, J. WAYNE, US
[22] 2000-03-29
[43] 2000-09-29
[30] US (60/126,664) 1999-03-29

[21] **2,302,899**
[13]

[51] **Int.Cl. 7G02B 6/12 7G02B 6/13**
[25] EN
[54] **OPTICAL WIRING LAYER, OPTOELECTRIC WIRING SUBSTRATE, MOUNTED SUBSTRATE, AND METHODS FOR MANUFACTURING THE SAME**
[54] **COUCHE DE CABLAGE OPTIQUE, SUBSTRAT DE CABLAGE OPTOELECTRIQUE, SUBSTRAT MONTE ET METHODE DE FABRICATION DE CES ELEMENTS**
[72] TSUKAMOTO, TAKEHITO, JP
[72] ODE, MASAYUKI, JP
[72] HIRAYAMA, SHIGERU, JP
[72] KUMAI, KOICHI, JP
[72] MINATO, TAKAO, JP
[71] TOPPAN PRINTING CO., LTD., JP
[22] 2000-03-29
[43] 2000-09-30
[30] JP (11-088569) 1999-03-30
[30] JP (11-096060) 1999-04-02

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[21] **2,302,912**
[13]

[51] **Int.Cl. 7A21D 8/02 7A21D 6/00 7A21D 10/02**
[25] EN
[54] **FOOD PRODUCTS SUITABLE FOR FRYING AFTER REHYDRATION AND PROCESS FOR THEIR PRODUCTION**
[54] **PRODUITS ALIMENTAIRES UTILISABLES POUR LA FRITURE APRES REHYDRATATION ET PROCEDE POUR LES PRODUIRE**
[72] VERMEIDEN, PETER, DE
[72] KLUKOWSKI, HORST, DE
[71] VERMEIDEN, PETER, DE
[71] KLUKOWSKI, HORST, DE
[22] 2000-03-29
[43] 2000-09-30
[30] DE (199 14 476.1) 1999-03-30

[21] **2,302,918**
[13] A1

[51] **Int.Cl. 7A61C 19/02**
[25] EN
[54] **A DEVICE FOR HANDLING DENTAL IMPLANTS**
[54] **DISPOSITIF POUR LA MANIPULATION DES IMPLANTS DENTAIRE**
[72] KREMER, EGBERT, DE
[72] GROLL, WERNER, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[22] 2000-03-23
[43] 2000-09-24
[30] DE (199 13 158.9) 1999-03-24

[21] **2,302,919**
[13]

[51] **Int.Cl. 7A61B 8/00**
[25] EN
[54] **COMBINED RADIO FREQUENCY AND ULTRASONIC SURGICAL DEVICE**
[54] **DISPOSITIF CHIRURGICAL COMBINE UTILISANT L'ENERGIE ULTRASONIQUE ET L'ENERGIE RADIOFREQUENCE**
[72] WAMPLER, SCOTT D., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2000-03-29
[43] 2000-09-30
[30] US (09/282,710) 1999-03-31

[21] **2,302,920**
[13]

[51] **Int.Cl. 7G02B 6/12 7G02B 6/13**
[25] EN
[54] **HYBRID INTEGRATED OPTO-ELECTRONIC CIRCUITS AND METHOD OF MAKING**
[54] **CIRCUITS OPTOELECTRONIQUES INTEGRES HYBRIDES ET METHODE DE FABRICATION**
[72] HATAMI-HANZA, HAMID, CA
[71] NU-WAVE PHOTONICS INC., CA
[22] 2000-03-23
[43] 2000-09-30
[30] US (09/281,841) 1999-03-31

[21] **2,302,922**
[13]

[51] **Int.Cl. 7G07D 5/08**
[25] EN
[54] **DUAL COIL COIN IDENTIFIER**
[54] **IDENTIFICATEUR DE PIECES DE MONNAIE ~ DOUBLE BOBINE**
[72] KISS, BILL, CA
[72] NEATHWAY, GRAHAM, CA
[71] MILLENIUM ENTERPRISES LTD., BM
[22] 2000-03-29
[43] 2000-09-30
[30] US (09/281,607) 1999-03-30

[21] **2,302,924**
[13]

[51] **Int.Cl. 7G02B 1/10**
[25] EN
[54] **AN OPTICAL ELEMENT HAVING CURED FILM**
[54] **ELEMENT OPTIQUE AVEC PELLICULE DURCIE**
[72] ITOH, TAKANOBU, JP
[72] SUZUKI, KEITARO, JP
[72] KOYAMA, YOSHINARI, JP
[72] IJIMA, MOTOKO, JP
[71] HOYA CORPORATION, JP
[22] 2000-03-29
[43] 2000-09-30
[30] JP (H11-088449) 1999-03-30

[21] **2,302,928**
[13] A1

[51] **Int.Cl. 7H01R 4/48 7H01R 12/24 7H01R 4/26**
[25] EN
[54] **CABLE CONNECTOR IN WHICH TWO CONTACTS CLAMP A WIRE CORE OF A CABLE THEREBETWEEN**
[54] **CONNECTEUR DE CABLE DANS LEQUEL DEUX ELEMENTS DE CONTACT SERRENT UN CONDUCTEUR DE CABLE**
[72] KAMIYAMANE, SHIN, JP
[72] ISHIDA, HISASHI, JP
[72] HASHIGUCHI, OSAMU, JP
[72] SAITO, KAZUKI, JP
[71] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
[71] NEC CORPORATION, JP
[22] 2000-03-29
[43] 2000-09-29
[30] JP (85752/1999) 1999-03-29

[21] **2,302,929**
[13]

[51] **Int.Cl. 7H01R 43/26 7H01R 13/629**
[25] EN
[54] **CONNECTOR ENGAGING/DISENGAGING DEVICE ACCOMMODATING A PLURALITY OF CONNECTOR PAIRS TO MATE WITH EACH OTHER**
[54] **DISPOSITIF D'ENCLenchement/DE DECLenchement DE CONNECTEUR POUVANT RECEVOIR PLUSIEURS PAIRES DE CONNECTEURS HOMOLOGUES**
[72] KAMIYAMANE, SHIN, JP
[72] YAMADA, MASAHIRO, JP
[72] MAEDA, TOSHIHIKO, JP
[72] MIZUSAWA, YOSHINORI, JP
[72] HASHIGUCHI, OSAMU, JP
[72] NAGASE, SATORU, JP
[71] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
[71] NEC CORPORATION, JP
[22] 2000-03-29
[43] 2000-09-30
[30] JP (88483/1999) 1999-03-30

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[21] **2,302,932**
[13] A1

[51] **Int.Cl. 7C09J 5/08 7C09J 133/06**
[25] EN
[54] **PROCESS FOR MANUFACTURING COMPOSITE THERMAL INSULATING SYSTEMS BY MEANS OF AN ORGANIC ADHESIVE OR FILLER MATERIAL**
[54] **PROCEDE DE PRODUCTION DE SYSTEMES COMPOSITES THERMO-ISOLANTS AU MOYEN D'UN ADHESIF ORGANIQUE OU D'UNE MATIERE DE CHARGE**
[72] GROCHAL, PETER, DE
[71] STO AG, DE
[22] 2000-03-23
[43] 2000-09-24
[30] DE (199 13 315.8) 1999-03-24

[21] **2,302,933**
[13] A1

[51] **Int.Cl. 7C10M 135/18 7C10M 137/10**
[25] EN
[54] **LUBRICATING COMPOSITION**
[54] **COMPOSITION LUBRIFIANTE**
[72] MIYASHITA, ATSUO, JP
[72] TANAKA, NORIYOSHI, JP
[72] FUKUSHIMA, ARITOSHI, JP
[72] MORITA, KAZUHISA, JP
[72] SAITO, YOKO, JP
[71] ASAHI DENKA KOGYO K.K., JP
[22] 2000-03-23
[43] 2000-09-29
[30] JP (11-085896) 1999-03-29

[21] **2,302,934**
[13] A1

[51] **Int.Cl. 7C08G 77/18 7C08G 77/26**
[25] EN
[54] **CURABLE COMPOSITION**
[54] **COMPOSITION POLYMERISABLE**
[72] ODAKA, HIDETOSHI, JP
[72] JYONO, HIDEHARU, JP
[72] ITO, HIROSHI, JP
[72] IWAKIRI, HIROSHI, JP
[71] KANEKA CORPORATION, JP
[22] 2000-03-23
[43] 2000-09-25
[30] JP (11-081963) 1999-03-25

[21] **2,302,956**
[13]

[51] **Int.Cl. 7G06T 5/00 7B41F 17/00**
[25] EN
[54] **IMAGE ENHANCEMENT FOR RASTERIZED IMAGES**
[54] **AMELIORATION D'IMAGES MATRICIELLES**
[72] MILLER, RONALD L., US
[72] WALTER, BRETT A., US
[71] MADETOORDER.COM, US
[22] 2000-03-23
[43] 2000-09-30
[30] US (09/282968) 1999-03-31

[21] **2,302,957**
[13] A1

[51] **Int.Cl. 7H01R 33/94 7H01R 33/76**
[25] EN
[54] **CIRCUIT CHIP CONNECTOR AND METHOD OF CONNECTING A CIRCUIT CHIP**
[54] **CONNECTEUR DE PUCE DE CIRCUIT ET METHODE DE CONNEXION D'UNE PUCE DE CIRCUIT**
[72] PENNAZ, THOMAS J., US
[71] MORGAN ADHESIVES COMPANY, US
[22] 2000-03-23
[43] 2000-09-24
[30] US (60/125,842) 1999-03-24
[30] US (60/149,486) 1999-08-18

[21] **2,302,960**
[13] A1

[51] **Int.Cl. 7H04L 29/10 7H04M 11/06 7H04L 12/16**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPLEMENTING A JAVA TM-BASED TELEPHONY APPLICATION PROGRAMMING INTERFACE**
[54] **METHODE ET APPAREIL DE MISE EN PLACE D'UNE INTERFACE APPLICATIVE POUR LA TELEPHONIE JAVA**
[72] DYKSTRA, JOHN W., US
[72] SCHWEITZER, TIMOTHY G., US
[72] LYELL, JAMES M., US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-23
[43] 2000-09-24
[30] US (09/275,588) 1999-03-24

[21] **2,302,962**
[13] A1

[51] **Int.Cl. 7H04R 25/02**
[25] EN
[54] **IN-EAR SYSTEM**
[54] **SYSTEME AURICULAIRE**
[72] SAULCE, ROGER LEON GEORGE, CA
[72] MCINTOSH, IAN, CA
[71] SONOMAX (SFT) INC., CA
[22] 2000-03-23
[43] 2000-09-26
[30] GB (9907050.0) 1999-03-26

[21] **2,302,964**
[13]

[51] **Int.Cl. 7E04C 5/07 7B29C 45/14 7E04B 1/38 7B29C 70/68**
[25] EN
[54] **PLASTIC STRUCTURAL ELEMENT WITH INSERTS**
[54] **ELEMENT DE STRUCTURE EN PLASTIQUE AVEC PRISONNIERS**
[72] FAISST, DIETER, CH
[72] NIEDERMEIER, MICHAEL, CH
[72] REIF, GEORG, CH
[71] ALUSUISSE TECHNOLOGY & MANAGEMENT LTD., CH
[22] 2000-03-29
[43] 2000-09-30
[30] CH (0610/99) 1999-03-31

[21] **2,302,965**
[13]

[51] **Int.Cl. 7C07D 239/94 7C07D 401/00 7C07D 403/00 7C07D 405/00 7C07D 409/00 7C07D 413/00 7C07D 417/00 7C07D 473/00 7C07D 475/00 7C07D 455/02 7C07D 471/04 7C07D 491/048 7C07F 7/10**
[25] EN
[54] **PROCESSES AND INTERMEDIATES FOR PREPARING ANTI-CANCER COMPOUNDS**
[54] **PROCESSUS ET INTERMEDIAIRES POUR LA PREPARATION DE COMPOSES ANTICANCEREUX**
[72] SANTAFIANOS, DINOS PAUL, US
[72] NORRIS, TIMOTHY, US
[72] LEHNER, RICHARD SHELTON, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-03-29
[43] 2000-09-30
[30] US (60/127,072) 1999-03-31

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[21] **2,302,967**
[13] A1
[51] **Int.Cl. 7C08L 33/20 7C08L 23/06 7C08L 23/12 7C08L 23/16 7C08L 1/24**
[25] EN
[54] **A RESIN COMPOSITION FOR A NON-WOVEN FABRIC-LIKE DESIGN AND PROCESS FOR PRODUCING A MOLDED ARTICLE OF A RESIN HAVING A NON-WOVEN FABRIC-LIKE DESIGN**
[54] **COMPOSITION DE RESINE POUR UN PRODUIT DU TYPE TEXTILE NON TISSE ET PROCEDE DE PRODUCTION D'UN ARTICLE MOULE COMPOSE D'UNE RESINE DU TYPE TEXTILE NON TISSE**
[72] YAMAGUCHI, ISAMU, JP
[72] TODAKA, NOBUHIKO, JP
[72] MIZUNO, MASAKI, JP
[72] KONDOU, MASAKI, JP
[71] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[22] 2000-03-29
[43] 2000-09-29
[30] JP (085156/1999) 1999-03-29
[30] JP (225769/1999) 1999-08-09

[21] **2,302,968**
[13] A1
[51] **Int.Cl. 7B04B 9/10**
[25] EN
[54] **CENTRIFUGE CONTROL SYSTEM AND METHOD WITH OPERATION MONITORING AND PUMP CONTROL**
[54] **SYSTEME ET METHODE DE COMMANDE DE CENTRIFUGUEUSE AVEC CONTROLE DU FONCTIONNEMENT ET REGULATION DE LA POMPE**
[72] CHANG, CHE-LIANG, US
[72] MARTIN, TROY, US
[72] PHILLIPS, VICTOR, US
[71] M-I L.L.C., US
[22] 2000-03-29
[43] 2000-09-29
[30] US (60/126,744) 1999-03-29
[30] US (09/536,198) 2000-03-27

[21] **2,302,974**
[13]
[51] **Int.Cl. 7F16F 9/54 7B60G 11/28**
[25] EN
[54] **NON-METALLIC SPACER FOR AIR SPRING ASSEMBLY**
[54] **PIECE D'ECARTEMENT NON METALLIQUE POUR RESSORT PNEUMATIQUE**
[72] TAGHIZADEH, MOHAMAD, US
[72] KOESKE, PAUL P., US
[72] MOULIK, PRADIPTA N., US
[72] PEICKERT, ANDREAS, US
[72] ZIEMS, TODD M., US
[71] BRIDGESTONE/FIRESTONE, INC., US
[22] 2000-03-29
[43] 2000-09-30
[30] US (09/281,375) 1999-03-30

[21] **2,302,983**
[13] A1
[51] **Int.Cl. 7C10L 1/02 7C10G 2/00 7C07C 31/02 7C07C 9/16 7C07C 2/80 7C07C 2/84**
[25] EN
[54] **FUEL SYNTHESIS**
[54] **SYNTHESE DE CARBURANT**
[72] ELIASSON, BALDUR, CH
[72] KILLER, ERIC, CH
[72] LIU, CHANG-JUN, CN
[71] ABB RESEARCH LTD, CH
[22] 2000-03-22
[43] 2000-09-24
[30] EP (99810261.0) 1999-03-24

[21] **2,302,984**
[13] A1
[51] **Int.Cl. 7C07F 15/00 7C07F 11/00 7C07C 41/03 7C07F 15/06 7C07H 15/08 7C07C 43/11 7C07C 43/23 7C08G 65/28**
[25] EN
[54] **DOUBLE METAL CYANIDE CATALYSTS FOR THE PREPARATION OF POLYETHER POLYOLS**
[54] **CATALYSEURS A DEUX CYANURES METALLIQUES POUR LA PREPARATION DE POLYOLS DE POLYETHER**
[72] GUPTA, PRAMOD, DE
[72] HOFMANN, JORG, DE
[72] OOMS, PIETER, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-03-22
[43] 2000-09-24
[30] DE (19913260.7) 1999-03-24

[21] **2,302,985**
[13] A1
[51] **Int.Cl. 7B05B 3/02 7B24C 3/22**
[25] EN
[54] **ATOMIZER WHEEL WITH IMPROVED NOZZLE FOR ROTARY ATOMIZERS**
[54] **ROUE DE PULVERISATEUR A BUSE AMELIOREE POUR PULVERISATEURS CENTRIFUGES**
[72] ADKINS, BRUCE D., US
[71] AKZO NOBEL N.V., NL
[22] 2000-03-22
[43] 2000-09-24
[30] US (60/125,850) 1999-03-24

[21] **2,302,988**
[13] A1
[51] **Int.Cl. 7D21F 7/08**
[25] EN
[54] **PRESS FELT FOR MAKING PAPER**
[54] **PRESSE A FEUTRE POUR LA FABRICATION DE PAPIER**
[72] ISHINO, ATSUSHI, JP
[72] INOUE, KENJI, JP
[72] IKEDA, HARUSHIGE, JP
[72] YOSHIDA, NOBUO, JP
[71] ICHIKAWA CO., LTD., JP
[22] 2000-03-22
[43] 2000-09-24
[30] JP (79365/1999) 1999-03-24

[21] **2,302,990**
[13] A1
[51] **Int.Cl. 7H04L 12/14 7H04L 12/16 7H04L 12/26**
[25] EN
[54] **CAPTURING QUALITY OF SERVICE**
[54] **SAISIE DE LA QUALITE DE SERVICE**
[72] BULLARD, WILLIAM CARTER CARROLL, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-22
[43] 2000-09-25
[30] US (09/276,207) 1999-03-25

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[21] **2,302,996**
[13] A1

[51] **Int.Cl. 7G06F 13/14**
[25] EN
[54] **DATA TRANSFER REQUEST PROCESSING SCHEME FOR REDUCING MECHANICAL ACTIONS IN DATA STORAGE SYSTEM**
[54] **PLAN DE TRAITEMENT DE DEMANDE DE TRANSFERT DE DONNEES POUR LA REDUCTION DES MOUVEMENTS MECANIQUES DANS UN SYSTEME DE STOCKAGE DE DONNEES**
[72] KANAI, TATSUNORI, JP
[72] YAO, HIROSHI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2000-03-23
[43] 2000-09-26
[30] JP (11-083628) 1999-03-26

[21] **2,303,015**
[13]

[51] **Int.Cl. 7A61B 10/00**
[25] EN
[54] **CONTROL APPARATUS FOR AN AUTOMATED SURGICAL BIOPSY DEVICE**
[54] **APPAREIL DE CONTROLE POUR UN DISPOSITIF DE BIOPSIE CHIRURGICALE AUTOMATISE**
[72] HIBNER, JOHN A., US
[72] QUATROCHI, CHRIS K., US
[72] RACZEK, RANDY M., US
[72] BURDORFF, MARK A., US
[72] NGUYEN, ANTHONY T., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2000-03-29
[43] 2000-09-30
[30] US (09/282,142) 1999-03-31

[21] **2,303,047**
[13] A1

[51] **Int.Cl. 7E05F 7/00**
[25] EN
[54] **SECURITY SEAL FOR COLLARS USED TO TENSION SPRINGS IN GARAGE DOOR ASSEMBLIES**
[54] **JOINT DE SECURITE DE COLLETS SERVANT A TENDRE LES RESSORTS DES PORTES DE GARAGE**
[72] PROVENCHER, PASCAL, CA
[72] FARELLA, PATRICE, CA
[72] CLARK, RON, US
[72] FOUCAULT, PIERRE-LOUIS, CA
[72] HEBERT, ALEXANDRE, CA
[71] CANIMEX INC., CA
[22] 2000-03-29
[43] 2000-09-29
[30] US (60/126,657) 1999-03-29

[21] **2,303,001**
[13] A1

[51] **Int.Cl. 7H04L 29/02 7G06F 13/14**
[25] EN
[54] **SCHEME FOR INFORMATION DELIVERY TO MOBILE COMPUTERS USING CACHE SERVERS**
[54] **PLAN DE TRANSMISSION DE L'INFORMATION A DES ORDINATEURS MOBILES AU MOYEN DE SERVEURS CACHES**
[72] KAMAGATA, EIJI, JP
[72] INOUE, ATSUSHI, JP
[72] KUMAKI, YOSHINARI, JP
[72] SHOBATAKE, YASURO, JP
[72] SHIBUYA, NAOHISA, JP
[72] KATO, NORIYASU, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2000-03-23
[43] 2000-09-24
[30] JP (11-080267) 1999-03-24

[21] **2,303,019**
[13]

[51] **Int.Cl. 7G03F 9/00 7H01L 21/70**
[25] EN
[54] **SEMICONDUCTOR DEVICE MANUFACTURING METHOD OF ACCURATELY PERFORMING ALIGNMENT OF PATTERNING, AND MASK FOR EXPOSURE**
[54] **METHODE DE FABRICATION DE DISPOSITIFS A SEMICONDUCTEURS PERMETTANT L'ALIGNEMENT EXACT DES MOTIFS ET MASQUE D'EXPOSITION**
[72] INOMOTO, YASUMASA, JP
[71] NEC CORPORATION, JP
[22] 2000-03-29
[43] 2000-09-30
[30] JP (88905/1999) 1999-03-30

[21] **2,303,055**
[13]

[51] **Int.Cl. 7E05D 7/12**
[25] EN
[54] **IMPROVED HINGE FOR FURNITURE AND THE LIKE, WITH MOVABLE ARM ARRANGED INSIDE THE FIXED ARM**
[54] **CHARNIERE AMELIOREE POUR MEUBLES ET AUTRES DU MEME GENRE, A BRAS MOBILE PLACE A L'INTERIEUR DU BRAS FIXE**
[72] FARINGOSI, ALVARO, IT
[71] FARINGOSI-HINGES S.R.L., IT
[22] 2000-03-29
[43] 2000-09-30
[30] IT (MI99A 651) 1999-03-30

[21] **2,303,023**
[13]

[51] **Int.Cl. 7G02B 6/16**
[25] EN
[54] **FIBER OPTIC CABLE WITH PROFILED GROUP OF OPTICAL FIBERS**
[54] **CABLE A FIBRES OPTIQUES AVEC GROUPE PROFILE DE FIBRES OPTIQUES**
[72] PARRIS, DONALD R., US
[72] LAIL, JASON C., US
[72] LOGAN, ERIC R., US
[71] SIECOR OPERATIONS, LLC, US
[22] 2000-03-23
[43] 2000-09-30
[30] US (09/283,080) 1999-03-31

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[21] **2,303,450**
[13]

[51] **Int.Cl. 7H04L 9/28 7H04L 9/32**
[25] EN
[54] **METHOD FOR PUBLISHING CERTIFICATION INFORMATION REPRESENTATIVE OF SELECTABLE SUBSETS OF RIGHTS AND APPARATUS AND PORTABLE DATA STORAGE MEDIA USED TO PRACTICE SAID METHOD**
[54] **METHODE POUR PUBLIER DE L'INFORMATION AUTHENTIFIEE REPRESENTATIF DES SOUS-ENSEMBLE DES DROITS POUVANT ETRE SELECTIONNEES ET APPAREIL ET MEDIA PORTATIF DE STOCKAGE DE DONNEES POUXEXERCER LADITE METHODE**
[72] CORDERY, ROBERT A., US
[71] PITNEY BOWES INC., US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/280,529) 1999-03-30

[21] **2,303,451**
[13]

[51] **Int.Cl. 7H04L 7/00 7H04L 12/56**
[25] EN
[54] **DELAY FLUCTUATION ABSORBING DEVICE AND METHOD**
[54] **DISPOSITIF ET METHODE D'ATTENUATION DES ECARTS TEMPORELS DE TRANSMISSION**
[72] TANIMURA, TAKUJI, JP
[71] NEC CORPORATION, JP
[22] 2000-03-30
[43] 2000-09-30
[30] JP (090399/1999) 1999-03-31

[21] **2,303,465**
[13]

[51] **Int.Cl. 7C07F 5/06 7C07C 53/00 7B01J 13/00 7C07F 15/02 7C08F 222/08 7C08F 222/10 7C07C 53/126 7E21B 43/267 7C07C 57/38 7C07C 51/41 7C07C 309/58**
[25] EN
[54] **GELLED HYDROCARBON COMPOSITIONS AND METHODS FOR USE THEREOF**
[54] **COMPOSITIONS D'HYDROCARBURES GELIFIEES ET METHODE POUR LES UTILISER**
[72] BOLES, JOEL L., US
[72] THOMPSON, JOSEPH E., US
[71] BJ SERVICES COMPANY, US
[22] 2000-03-29
[43] 2000-09-30
[30] US (60/127,298) 1999-03-30
[30] US (60/129,770) 1999-04-05
[30] US (60/148,274) 1999-08-11

[21] **2,303,468**
[13]

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **FLEXIBLE AGENT-BASED NEGOTIATORS**
[54] **NEGOCIATEURS FLEXIBLES BASES SUR DES AGENTS**
[72] BUCKLE, PHILIP, GB
[72] JENNINGS, NICHOLAS ROBERT, GB
[72] HADINGHAM, ROBERT, GB
[72] FARATIN, PEYMAN, GB
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-03-30
[43] 2000-09-30
[30] GB (9907477.5) 1999-03-31

[21] **2,303,473**
[13]

[51] **Int.Cl. 7G01R 31/26**
[25] EN
[54] **PROBER FOR ELECTRICAL MEASUREMENT AND METHOD OF MEASURING ELECTRICAL CHARACTERISTICS WITH SAID PROBER**
[54] **SONDE DE MESURE ELECTRIQUE ET METHODE DE MESURE DE CARACTERISTIQUES ELECTRIQUES ~ L'AIDE DE CETTE SONDE**
[72] MIKI, KAZUSHI, JP
[71] AGENCY OF INDUSTRIAL SCIENCE & TECHNOLOGY, MINISTRY OF INTERNATIONAL TRA, JP
[22] 2000-03-30
[43] 2000-09-30
[30] JP (11-93716) 1999-03-31

[21] **2,303,475**
[13]

[51] **Int.Cl. 7H04L 9/08**
[25] EN
[54] **METHOD FOR PUBLISHING CERTIFICATION INFORMATION CERTIFIED BY A PLURALITY OF AUTHORITIES AND APPARATUS AND PORTABLE DATA STORAGE MEDIA USED TO PRACTICE SAID METHOD**
[54] **METHODE POUR PUBLIER DE L'INFORMATION AUTHENTIFIEE, HOMOLOGUER PAR PLUSIEURS SOURCES D'AUTORITES ET APPAREIL ET MEDIA PORTATIF DE STOCKAGE DE DONNEES POUR EXERCER LADITE METHODE**
[72] CORDERY, ROBERT A., US
[71] PITNEY BOWES INC., US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/280,527) 1999-03-30

[21] **2,303,495**
[13]

[51] **Int.Cl. 7C08L 23/20**
[25] EN
[54] **STAGED REACTOR PROCESS**
[54] **PROCEDE AVEC REACTEUR A ETAGES**
[72] TILSTON, MICHAEL WILLIAM, US
[72] MADDEN, JAMES DANIEL, US
[71] UNION CARBIDE CHEMICALS AND PLASTICS TECHNOLOGY CORPORATION, US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/282,654) 1999-03-31

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[21] **2,303,498**
[13]

[51] **Int.Cl. 7C07D 317/44 7C07D 473/00 7A61P 35/00 7A61P 19/02 7A61P 3/10 7A61P 9/10 7C07D 405/12 7C07D 407/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7C07D 405/14 7C07D 409/14 7A61K 31/357 7A61K 31/42 7A61K 31/427 7A61K 31/428 7A61K 31/443 7A61K 31/4709 7A61K 31/495**
[25] EN
[54] **DIOXOCYCLOPENTYL HYDROXAMIC ACIDS**
[54] **ACIDES DIOXOCYCLOPENTYLHYDROXAMIQUES**
[72] ROBINSON, RALPH PELTON JR., US
[72] MCCLURE, KIM FRANCIS, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-03-30
[43] 2000-09-30
[30] US (60/127,071) 1999-03-31

[21] **2,303,502**
[13]

[51] **Int.Cl. 7G03H 1/22 7G02B 27/02**
[25] EN
[54] **SPECIAL IMAGE REPRODUCING AND OBSERVING DEVICE**
[54] **DISPOSITIF SPECIAL DE REPRODUCTION ET D'OBSERVATION D'IMAGES**
[72] KIMURA, ASA, JP
[71] SHISEIDO CO., LTD., JP
[22] 2000-03-30
[43] 2000-09-30
[30] JP (11-92929) 1999-03-31

[21] **2,303,503**
[13]

[51] **Int.Cl. 7B01J 35/04 7F28F 7/02 7F01N 3/26 7F01N 3/28 7B01D 53/86**
[25] EN
[54] **CERAMIC HONEYCOMB STRUCTURE AND PROCESS FOR PRODUCTION THEREOF**
[54] **STRUCTURE EN NID D'ABEILLES EN CERAMIQUE ET PROCEDE POUR SA PRODUCTION**
[72] KASAI, YOSHIYUKI, JP
[72] SHIBAGAKI, YUKINARI, JP
[72] HARADA, TAKASHI, JP
[72] HIGUCHI, AKITO, JP
[71] NGK INSULATORS, LTD., JP
[22] 2000-03-30
[43] 2000-09-30
[30] JP (11-92898) 1999-03-31

[21] **2,303,506**
[13]

[51] **Int.Cl. 7B65H 19/29**
[25] EN
[54] **PROCESS FOR PREPARING A PAPER REEL FOR FLYING REEL CHANGE AND APPARATUS FOR CARRYING OUT THE PROCESS**
[54] **PROCESSUS DE PREPARATION D'UNE ENROULEUSE DE PAPIER EN VUE DU CHANGEMENT DE BOBINE PENDANT L'EXPLOITATION ET APPAREIL POUR EFFECTUER CE PROCESSUS**
[72] BRANDLI, WALTER, CH
[72] HEIJKOOP, CORNELIS, FR
[72] RUEDE, KARL-HEINZ, CH
[71] VALMET ROLL HANDLING LTD., CH
[22] 2000-03-30
[43] 2000-09-30
[30] CH (0 616/99) 1999-03-31

[21] **2,303,521**
[13]

[51] **Int.Cl. 7G01M 1/32 7F16F 15/22**
[25] EN
[54] **METHOD AND APPARATUS FOR BALANCING**
[54] **METHODE ET APPAREIL D'EQUILIBRAGE**
[72] DYER, STEPHEN WILLIAM, US
[71] BALANCE DYNAMICS, US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/282,755) 1999-03-31

[21] **2,303,542**
[13]

[51] **Int.Cl. 7H04L 9/30 7G07B 17/00**
[25] EN
[54] **METHOD FOR CERTIFYING PUBLIC KEYS USED TO SIGN POSTAL INDICIA AND INDICIA SO SIGNED**
[54] **METHODE DE CERTIFICATION DE CLES PUBLIQUES SERVANT A SIGNER L'EMPREINTE D'AFFRANCHISSEMENT ET EMPREINTE D'AFFRANCHISSEMENT SIGNEE**
[72] PINTSOV, LEON A., US
[72] CORDERY, ROBERT A., US
[72] VANSTONE, SCOTT A., CA
[71] CERTICOM CORP., CA
[71] PITNEY BOWES INC., US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/280,528) 1999-03-30

[21] **2,303,552**
[13]

[51] **Int.Cl. 7C08K 5/375 7C08K 5/13 7C08K 5/14 7H01B 7/295 7H01B 3/42**
[25] EN
[54] **A CROSSLINKABLE POLYETHYLENE COMPOSITION**
[54] **UNE COMPOSITION DE POLYETHYLENE RETICULABLE**
[72] KEOGH, MICHAEL JOHN, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/282,354) 1999-03-31

[21] **2,303,563**
[13]

[51] **Int.Cl. 7C08F 210/16**
[25] EN
[54] **METHOD OF MULTISTAGE GAS PHASE POLYMERIZATION, APPARATUS THEREFOR AND DEVICE FOR REDUCING ENTRAINMENT OF SUBCOMPONENTS IN POLYMER POWDER IN APPARATUS FOR MULTISTAGE GAS PHASE POLYMERIZATION**
[54] **METHODE DE POLYMERISATION EN PHASE GAZEUSE EN PLUSIEURS ETAPES, APPAREIL POUR METTRE EN OEUVRE CETTE METHODE ET DISPOSITIF POUR REDUIRE L'ENTRAINEMENT DE SOUS-ELEMENTS DANS LA POUDRE DE POLYMERE DANS CET APPAREIL**
[72] KIKUCHI, YOSHIKI, JP
[72] OKANO, TOSHIHIRO, JP
[72] MATSUDA, SHOTARO, JP
[72] OHTANI, SATORU, JP
[71] MITSUI CHEMICALS, INC., JP
[22] 2000-03-30
[43] 2000-09-30
[30] JP (92668/1999) 1999-03-31

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[21] **2,303,564**
[13]

[51] **Int.Cl. 7C10G 33/04**
[25] EN
[54] **DEFOAMING HYDROCARBON SYSTEMS WITH DISPERSED SOLIDS**
[54] **SYSTEMES D'HYDROCARBURES ANTIMOUSSSES COMPORTANT DES SOLIDES DISPERSES**
[72] CAMERON, MICHAEL W., US
[72] TEVIS, W. BRUCE, US
[72] KREMER, LAWRENCE N., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2000-03-31
[43] 2000-09-30
[30] US (60/127,033) 1999-03-31

[21] **2,303,569**
[13]

[51] **Int.Cl. 7F04D 17/00 7F04D 1/00 7F04D 29/12 7F04D 29/58**
[25] EN
[54] **IMPROVEMENTS IN PUMPS**
[54] **POMPES AMELIOREES**
[72] TEBBY, STEPHEN WALKER, GB
[71] CONCENTRIC PUMPS LIMITED, GB
[22] 2000-03-30
[43] 2000-09-30
[30] GB (9907372.8) 1999-03-30

[21] **2,303,570**
[13]

[51] **Int.Cl. 7A61K 47/42 7A61K 45/08 7A61K 9/12 7A61K 47/38**
[25] EN
[54] **STABLE FOAM COMPOSITIONS**
[54] **COMPOSITIONS DE MOUSSE STABILISEE**
[72] GOWAN, WALTER G., JR., US
[72] MCTEIGUE, DANIEL, US
[72] FEGLEY, RICHARD D., US
[72] SOX, THOMAS E., US
[71] MCNEIL-PPC, INC., US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/282,859) 1999-03-31

[21] **2,303,578**
[13]

[51] **Int.Cl. 7C11D 1/722 7C11D 3/395 7C11D 3/40 7C11D 1/72**
[25] EN
[54] **DISHWASHER DETERGENT CONTAINING PARTICULATE RINSE AID**
[54] **DETERSIF POUR LAVE-VAISSELLE RENFERMANT UN PRODUIT DE RINCAGE SOUS FORME DE PARTICULES**
[72] NITSCH, CHRISTIAN, DE
[72] RICHTER, BERND, DE
[72] HOLDERBAUM, THOMAS, DE
[72] GASSENMEIER, THOMAS, DE
[72] HAERER, JUERGEN, DE
[72] SEMRAU, MARKUS, DE
[72] KURTH, OLIVER, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-03-30
[43] 2000-09-30
[30] DE (199 14 363.3) 1999-03-30

[21] **2,303,580**
[13]

[51] **Int.Cl. 7C08K 5/13 7C08K 5/14 7C08K 5/1575 7C08K 5/159 7H01B 7/295 7H01B 3/42**
[25] EN
[54] **A CROSSLINKABLE POLYETHYLENE COMPOSITION**
[54] **UNE COMPOSITION DE POLYETHYLENE RETICULABLE**
[72] KEOGH, MICHAEL JOHN, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/282,358) 1999-03-31

[21] **2,303,586**
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[51] **Int.Cl. 7B01D 53/64**
[25] EN
[54] **ENHANCED CONTROL OF MERCURY IN A WET SCRUBBER THROUGH REDUCED OXIDATION AIR FLOW**
[54] **CONTROLE AMELIORE DU MERCURE DANS UN DEPOUSSEUR PAR VOIE HUMIDE GRACE A UNE OXYDATION REDUITE PAR INSUFFLATION D'AIR**
[72] REDINGER, KEVIN E., US
[72] MADDEN, DEBORAH A., US
[72] HOLMES, MICHAEL J., US
[71] MCDERMOTT TECHNOLOGY, INC., US
[71] THE BABCOCK & WILCOX COMPANY, US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/282,483) 1999-03-31
[30] US (08/375,765) 1999-08-18

[21] **2,303,588**
[13]

[51] **Int.Cl. 7C11D 1/722 7C11D 3/395 7C11D 3/40 7C11D 1/72**
[25] EN
[54] **PARTICULATE RINSE AID AND DISHWASHER DETERGENTS**
[54] **AGENT DE RINCAGE SOUS FORME DE PARTICULES ET DETERSIFS POUR LAVE-VAISSELLE**
[72] HOLDERBAUM, THOMAS, DE
[72] RICHTER, BERND, DE
[72] NITSCH, CHRISTIAN, DE
[72] KURTH, OLIVER, DE
[72] SEMRAU, MARKUS, DE
[72] HAERER, JUERGEN, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
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[30] DE (199 14 364.1) 1999-03-30

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[21] **2,303,590**
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[51] **Int.Cl. 7C08L 23/20 7C08L 23/16 7C08J 5/18 7C08J 9/228**
[25] EN
[54] **AN OLEFINIC RESIN COMPOSITION AND THEIR MOLDINGS**
[54] **UNE COMPOSITION DE RESINE OLEFINIQUE ET SES MOULAGES**
[72] SUEDA, TAKANORI, JP
[72] YASAKA, NAOTO, JP
[71] MITSUI CHEMICALS, INC., JP
[22] 2000-03-30
[43] 2000-09-30
[30] JP (91835/1999) 1999-03-31

[21] **2,303,599**
[13]

[51] **Int.Cl. 7C08K 5/1575 7H01B 13/14 7C08K 5/14 7C08K 5/159 7C08L 23/26 7H01B 3/42**
[25] EN
[54] **A CROSSLINKABLE POLYETHYLENE COMPOSITION**
[54] **UNE COMPOSITION DE POLYETHYLENE RETICULABLE**
[72] KEOGH, MICHAEL JOHN, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/282,491) 1999-03-31

[21] **2,303,600**
[13]

[51] **Int.Cl. 7C08K 5/1575 7C08K 5/01 7H01B 13/14 7C08K 5/14 7C08K 5/159 7H01B 3/42**
[25] EN
[54] **A CROSSLINKABLE POLYETHYLENE COMPOSITION**
[54] **UNE COMPOSITION DE POLYETHYLENE RETICULABLE**
[72] KEOGH, MICHAEL JOHN, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[22] 2000-03-30
[43] 2000-09-30
[30] US (09/282,653) 1999-03-31

[21] **2,303,625**
[13]

[51] **Int.Cl. 7A47J 37/08**
[25] EN
[54] **IMPROVED CONTACT TOASTER**
[54] **GRILLE-PAIN A CONTACT AMELIORE**
[72] AGCAOILI, CLARK R., US
[72] MARCH, SCOTT P., US
[71] A.J. ANTUNES & CO., US
[22] 2000-03-31
[43] 2000-09-30
[30] US (09/283,104) 1999-03-31

[21] **2,303,629**
[13]

[51] **Int.Cl. 7G01D 5/26**
[25] EN
[54] **DIFFERENTIAL DISPLACEMENT OPTICAL SENSOR - II**
[54] **CAPTEUR OPTIQUE A DEPLACEMENT DIFFERENTIEL - II**
[72] HAYWARD, VINCENT, CA
[72] GRANT, DANNY, CA
[72] GREGORIO, PEDRO, CA
[71] HAYWARD, VINCENT, CA
[71] GRANT, DANNY, CA
[71] GREGORIO, PEDRO, CA
[22] 2000-03-31
[43] 2000-09-30
[30] US (09/282,153) 1999-03-31
[30] US (09/496,042) 2000-02-02

[21] **2,303,638**
[13]

[51] **Int.Cl. 7C11D 17/02 7C11D 3/395**
[25] EN
[54] **SINGLE- OR MULTI-PHASE DETERGENT TABLETS CONTAINING SPECIAL BLEACH ACTIVATORS**
[54] **PASTILLES DE DETERSIF A UNE OU PLUSIEURS PHASES RENFERMANT DES ACTIVATEURS DE BLANCHIMENT PARTICULIERS**
[72] POETHKOW, JOERG, DE
[72] SPECKMANN, HORST-DIETER, DE
[72] LIETZMANN, ANDREAS, DE
[72] BOECKER, MONIKA, DE
[72] NITSCH, CHRISTIAN, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-03-31
[43] 2000-09-30
[30] DE (199 14 812.0) 1999-03-31

[21] **2,304,311**
[13]

[51] **Int.Cl. 7C11D 3/395 7C11D 3/386 7C11D 3/39**
[25] EN
[54] **DETERGENTS CONTAINING ENZYMES AND BLEACH ACTIVATORS**
[54] **DETERSIFS RENFERMANT DES ENZYMES ET DES ACTIVATEURS DE BLANCHIMENT**
[72] POETHKOW, JOERG, DE
[72] SPECKMANN, HORST-DIETER, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-03-31
[43] 2000-09-30
[30] DE (199 14 811.2) 1999-03-31

[21] **2,304,316**
[13]

[51] **Int.Cl. 7C11D 17/02 7C11D 3/395 7C11D 1/83**
[25] EN
[54] **DETERGENT TABLETS CONTAINING SPECIAL BLEACH ACTIVATORS**
[54] **PASTILLES DE DETERSIF RENFERMANT DES ACTIVATEURS DE BLANCHIMENT PARTICULIERS**
[72] POETHKOW, JOERG, DE
[72] NITSCH, CHRISTIAN, DE
[72] SPECKMANN, HORST-DIETER, DE
[72] BOECKER, MONIKA, DE
[72] LIETZMANN, ANDREAS, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2000-03-31
[43] 2000-09-30
[30] DE (199 14 353.6) 1999-03-31

[21] **2,304,320**
[13]

[51] **Int.Cl. 7B08B 3/08**
[25] EN
[54] **APPARATUS FOR DEGREASING SOLID PARTS**
[54] **DISPOSITIF DE DEGRAISSAGE DE SOLIDES**
[72] SCHULZE-EYSSING, HEINZ, DE
[71] TURBO-CLEAN GMBH, DE
[22] 2000-03-31
[43] 2000-09-30
[30] US (09/282,967) 1999-03-31

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[13]

[51] **Int.Cl. 7B09B 3/00 7A62D 3/00 7A61L 11/00**
[25] EN
[54] **SHARPS MANAGEMENT COMPOSITION**
[54] **COMPOSITION POUR LA GESTION DES OBJETS TRANCHANTS OU POINTUS**
[72] DING, YOUZHEN, US
[72] DAI, DONG, US
[72] LEE, BAOSHENG, US
[71] ISOLYSER COMPANY, INC., US
[22] 2000-03-31
[43] 2000-09-30
[30] US (60/127,068) 1999-03-31

[21] **2,304,402**
[13]

[51] **Int.Cl. 7B67D 5/04 7B60S 5/02**
[25] FR
[54] **INSTALLATION DE LIQUIDES EQUIPEE D'UN MOYEN DE RECUPERATION DES VAPEURS**
[54] **INSTALLATION OF LIQUID HYDROCARBONS EQUIPPED WITH A MEANS OF VAPOUR RECOVERY**
[72] NITECKI, JEAN-PIERRE, FR
[72] FOURNIER, JACQUES, FR
[71] TOKHEIM SERVICES FRANCE, FR
[22] 2000-03-30
[43] 2000-09-30
[30] FR (99 04 018) 1999-03-31

[21] **2,310,002**
[13] A1

[51] **Int.Cl. 7A63B 23/00 7A61F 5/41**
[25] EN
[54] **PUBOCOCCYGEUS TRAINER (P.C. TRAINER)**
[54] **EXERCISEUR DU FAISCEAU PUBO-COCCYGIEN (EXERCISEUR P.C.)**
[72] FRANCIS, ANTHONY G., CA
[71] FRANCIS, ANTHONY G., CA
[22] 2000-06-05
[43] 2000-09-26

[21] **2,304,324**
[13]

[51] **Int.Cl. 7A23F 5/04 7A23N 12/08**
[25] EN
[54] **METHOD AND APPARATUS FOR ROASTING COFFEE**
[54] **METHODE DE TORREFACTION DU CAFE ET TORREFACTEUR**
[72] FRIEDRICH, JAROMIR, CA
[72] LEMAIRE, RAYMOND, CA
[71] FRIEDRICH, JAROMIR, CA
[71] LEMAIRE, RAYMOND, CA
[22] 2000-03-31
[43] 2000-09-30
[30] CA (2,267,608) 1999-03-31

[21] **2,309,784**
[13] A1

[51] **Int.Cl. 7B62D 63/06 7B60G 17/04 7B60P 3/07 7B60P 1/18 7B60P 1/34**
[25] EN
[54] **PNEUMATIC TRAILER SYSTEM**
[54] **SYSTEME PNEUMATIQUE POUR REMORQUE**
[72] KALLSTROM, ERVIN C., US
[71] KALLSTROM, ERVIN C., US
[22] 2000-05-26
[43] 2000-09-26

[21] **2,304,398**
[13]

[51] **Int.Cl. 7H02H 7/26**
[25] FR
[54] **DISPOSITIF ET PROCEDE DE PROTECTION D'UNE LIGNE D'UN RESEAU DE LIGNES D'ALIMENTATION EN ENERGIE ELECTRIQUE**
[54] **PROTECTION DEVICE AND PROCESS FOR A LINE IN A NETWORK OF ELECTRICAL ENERGY SUPPLY LINES**
[72] NASSAEUR, MICHAEL, DE
[72] BASTARD, PATRICK, FR
[72] LEITLOFF, VOLKER, FR
[71] ELECTRICITE DE FRANCE - SERVICE NATIONAL, FR
[22] 2000-03-29
[43] 2000-09-30
[30] FR (99 03972) 1999-03-30

[21] **2,309,896**
[13]

[51] **Int.Cl. 7F24B 1/198 7F24C 15/06**
[25] FR
[54] **MANTEAU DE CHEMINEE AJUSTABLE**
[54] **ADJUSTABLE FIREPLACE MANTEL**
[72] MAZUR, PHILIPPE, CA
[72] VANIER, PAUL, CA
[71] MAZUR, PHILIPPE, CA
[71] VANIER, PAUL, CA
[22] 2000-05-23
[43] 2000-09-30

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[21] **2,310,571**
[13] A1

[51] **Int.Cl. 7H01L 31/04 7H01L 31/16**
[25] EN
[54] **METHOD OF MAKING PHOTOVOLTAIC DEVICE**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF PHOTOVOLTAIQUE**
[72] CURTIN, LAWRENCE F., US
[71] CURTIN, LAWRENCE F., US
[85] 2000-03-24
[86] 2000-01-24 (PCT/US00/01637)
[87] 2000-09-26 ()
[30] US (60/126,325) 1999-03-26
[30] US (09/351,136) 1999-07-12

[21] **2,312,938**
[13] A1

[51] **Int.Cl. 7C08B 37/06 7A23C 11/10 7A23C 9/123 7A23C 9/133 7A23F 5/40**
[25] EN
[54] **PECTIN, METHOD FOR ITS PRODUCTION, ACIDIC PROTEIN FOODS INCORPORATING IT AND METHOD FOR THEIR PRODUCTION**
[54] **PECTINE, METHODE DE PRODUCTION, ALIMENTS A BASE DE PROTEINES ACIDES INCORPORANT LA PECTINE ET METHODE DE PRODUCTION**
[72] FURUTA, HITOSHI, JP
[72] TAKAHASHI, TARO, JP
[72] TOBE, JUNKO, JP
[72] KIWATA, RYOSUKE, JP
[71] FUJI OIL CO., LTD., JP
[85] 2000-06-05
[86] 1999-11-16 (PCT/JP99/06398)
[87] 2000-07-19 ()
[30] JP (11-9984) 1999-01-19
[30] JP (11-249464) 1999-09-03

[21] **2,313,607**
[13] A1

[51] **Int.Cl. 6C07K 16/22 6A61K 39/00**
[25] EN
[54] **ANTAGONISTS OF NEUROFILIN RECEPTOR FUNCTION AND USE THEREOF**
[54] **FONCTION ET UTILISATION DE L'ANTAGONISTE DU RECEPTEUR DE LA NEUROFILINE**
[72] SOKER, SHAY, US
[72] TAKASHIMA, SEIJI, JP
[72] MIAO, HUA-QUAN, US
[72] KLAGSBRUN, MICHAEL, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2000-06-08
[86] 1998-12-09 (PCT/US98/26114)
[87] 1999-06-17 (WO99/29729)
[30] US (60/069,155) 1997-12-09
[30] US (60/069,687) 1997-12-12
[30] US (60/078,541) 1998-03-19

[21] **2,313,704**
[13] A1

[51] **Int.Cl. 6C12N 15/40 6C07K 19/00 6C12N 7/01 6C07H 21/04 6C07K 14/145 6A61K 39/205 7C12N 15/62 6C12N 15/79 7C12N 15/866**
[25] EN
[54] **RECOMBINANT NODAVIRUS COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS DE NODAVIRUS RECOMBINES ET METHODES**
[72] HALL, STEPHEN G., US
[71] PENTAMER PHARMACEUTICALS, INC., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2000-06-08
[86] 1998-12-07 (PCT/US98/25922)
[87] 1999-06-17 (WO99/29723)
[30] US (08/986,659) 1997-12-08

[21] **2,313,705**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C12N 5/10 6A61K 38/17 6C07K 16/18 6C12N 1/19 6C12N 15/62 6C12Q 1/68 6C07K 14/78**
[25] EN
[54] **RESTIN AND METHODS OF USE THEREOF**
[54] **RESTINE ET SES METHODES D'UTILISATION**
[72] SUKHATME, VIKAS P., US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, US
[85] 2000-06-08
[86] 1998-12-08 (PCT/US98/26058)
[87] 1999-06-17 (WO99/29856)
[30] US (60/067,888) 1997-12-08
[30] US (60/082,663) 1998-04-22
[30] US (60/108,536) 1998-11-16

[21] **2,313,706**
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6G01N 33/50**
[25] EN
[54] **METHOD FOR PRODUCING TRANSGENIC PLANTS WITH MODIFIED 5-AMINOLEVULINIC ACID BIOSYNTHESIS, METHOD FOR IDENTIFYING 5-AMINOLEVULINIC ACID SYNTHESIS EFFECTORS**
[54] **PROCEDE DE PRODUCTION DE PLANTES TRANSGENIQUES PAR BIOSYNTHESE MODIFIEE D'ACIDE 5-AMINOLEVULINIQUE, ET PROCEDE D'IDENTIFICATION D'EFFECTEURS DE LA SYNTHESE D'ACIDE 5-AMINOLEVULINIQUE**
[72] SCHMIDT, FRANK, DE
[72] DONN, GUNTER, DE
[71] AVENTIS CROPS SCIENCE GMBH, DE
[85] 2000-06-09
[86] 1998-12-10 (PCT/EP98/08028)
[87] 1999-06-17 (WO99/29880)
[30] DE (197 54 929.2) 1997-12-10

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[13] A1
[51] **Int.Cl. 6C12N 15/54 6C07K 19/00 6C12N 9/12 6A61K 39/395 6C07K 16/40 6A61K 38/45 6C12N 15/62**
[25] EN
[54] **RECEPTOR TYROSINE KINASE, AR-1, IS A REGULATOR OF ANGIOGENESIS**
[54] **TYROSINE-KINASE RECEPTEUR, AR-1, REGULATEUR DE L'ANGIOGENESE**
[72] VALENZUELA, DAVID M., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2000-06-08
[86] 1998-12-17 (PCT/US98/26800)
[87] 1999-07-01 (WO99/32639)
[30] US (08/994,309) 1997-12-19

[21] **2,313,808**
[13] A1
[51] **Int.Cl. 6C12N 5/00**
[25] EN
[54] **CHONDROCYTE-LIKE CELLS USEFUL FOR TISSUE ENGINEERING AND METHODS**
[54] **CELLULES DE TYPE CHONDROCYTES UTILES POUR RECONSTITUER DES TISSUS ET LEURS PROCEDES D'UTILISATION**
[72] BHATNAGAR, RAJENDRA S., US
[72] NICOLL, STEVEN B., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2000-06-09
[86] 1998-12-07 (PCT/US98/25918)
[87] 1999-06-24 (WO99/31221)
[30] US (60/069,582) 1997-12-12
[30] US (09/204,824) 1998-12-03

[21] **2,314,608**
[13] A1
[51] **Int.Cl. 6C12N 9/50**
[25] EN
[54] **PROCEDURE FOR EXTRACTION AND USE OF HATCHING FLUID FROM ATLANTIC SALMON**
[54] **PROCEDE D'EXTRACTION DE FLUIDE D'ECLOSION PRODUIT PAR DU SAUMON DE L'ATLANTIQUE ET D'UTILISATION DUDIT FLUIDE**
[72] RONG, CHUNJUN J., NO
[72] WALTHER, BERNT TH., NO
[71] AQUA BIO TECHNOLOGY AS, NO
[85] 2000-06-09
[86] 1998-12-11 (PCT/NO98/00378)
[87] 1999-06-17 (WO99/29836)
[30] NO (19975826) 1997-12-11

[21] **2,314,609**
[13] A1
[51] **Int.Cl. 6C12N 15/49 6C12N 15/64 6C12N 15/86**
[25] EN
[54] **METHOD AND MEANS FOR PRODUCING HIGH TITER, SAFE, RECOMBINANT LENTIVIRUS VECTORS**
[54] **PROCEDES ET MOYENS DE PRODUCTION DE VECTEURS DE LENTIVIRUS DE RECOMBINAISON SURS ET A TITRE ELEVE**
[72] FARSON, DEBORAH A., US
[72] NALDINI, LUIGI, US
[72] DULL, THOMAS, US
[72] WITT, ROCHELLE, US
[71] CELL GENESYS, INC., US
[85] 2000-06-12
[86] 1998-12-11 (PCT/US98/25719)
[87] 1999-06-24 (WO99/31251)
[30] US (08/989,394) 1997-12-12

[21] **2,314,610**
[13] A1
[51] **Int.Cl. 6C07K 14/755 6A61K 38/37**
[25] FR
[54] **PROCEDE DE PREPARATION PAR FILTRATION D'UNE SOLUTION DE FACTEUR VIII SECURISEE VIRALEMENT**
[54] **METHOD FOR PREPARING BY FILTRATION A VIRALLY SECURE FACTOR VIII SOLUTION**
[72] NOGRE, MICHEL, FR
[72] PORTE, PIERRE, FR
[72] CHTOUROU, ABDESSATAR (SAMI), FR
[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
[85] 2000-06-13
[86] 1998-12-14 (PCT/FR98/02715)
[87] 1999-06-24 (WO99/31138)
[30] FR (97/15888) 1997-12-15

[21] **2,314,613**
[13] A1
[51] **Int.Cl. 6C07D 487/04 6C07D 231/00 6C07D 239/00 6C07D 251/00 6A61K 31/495**
[25] EN
[54] **AZOLO TRIAZINES AND PYRIMIDINES**
[54] **AZOLO TRIAZINES ET PYRIMIDINES**
[72] ARVANITIS, ARGYRIOS GEORGIOS, US
[72] LIQI, HE, US
[72] CHORVAT, ROBERT, US
[72] GILLIGAN, PAUL, US
[71] DUPONT PHARMACEUTICALS COMPANY, US
[85] 2000-06-13
[86] 1999-01-28 (PCT/US99/01824)
[87] 1999-08-05 (WO99/38868)
[30] US (09/015,002) 1998-01-28
[30] US (09/014,734) 1998-01-28
[30] US (09/015,001) 1998-01-28

[21] **2,314,614**
[13] A1
[51] **Int.Cl. 6C07K 14/575 6A01K 67/027 6C12N 15/62**
[25] EN
[54] **A DNA MOLECULE ENCODING A MUTANT PREPRO-NEUROPEPTIDE Y, A MUTANT SIGNAL PEPTIDE, AND USES THEREOF**
[54] **MOLECULE D'ADN CODANT UN PREPRO-NEUROPEPTIDE Y MUTANT, PEPTIDE SIGNAL MUTANT ET SES UTILISATIONS**
[72] UUSITUPA, MATTI, FI
[72] PESONEN, ULLAMARI, FI
[72] KOULU, MARKKU, FI
[72] KARVONEN, MATTI, FI
[71] HORMOS MEDICAL OY LTD., FI
[85] 2000-06-12
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[87] 1999-07-01 (WO99/32518)
[30] US (08/994,946) 1997-12-19

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[21] **2,314,821**
[13] A1

[51] **Int.Cl. 6C07K 14/51 6A61K 38/18 6C12N 15/86**
[25] EN
[54] **METHODS FOR MAINTAINING OR RESTORING TISSUE-APPROPRIATE PHENOTYPE OF SOFT TISSUE CELLS**
[54] **METHODES PERMETTANT DE CONSERVER ET DE RESTAURER UN PHENOTYPE APPROPRIE AUX TISSUS DANS LES CELLULES DES TISSUS MOUS**
[72] MIYAZONO, KOHEI, JP
[72] OEDA, EIICHI, US
[72] COHEN, CHARLES M., US
[72] SAMPATH, KUBER T., US
[72] KAWABATA, MASAHIRO, JP
[71] CREATIVE BIOMOLECULES, INC., US
[85] 2000-06-14
[86] 1998-12-16 (PCT/US98/26788)
[87] 1999-06-24 (WO99/31136)
[30] US (60/069,931) 1997-12-17
[30] US (60/110,498) 1998-12-01

[21] **2,315,275**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6C07K 16/18 6C07K 14/47 6C12Q 1/68**
[25] EN
[54] **P53 REGULATORY PROTEIN CALLED RB18A AND USES THEREOF**
[54] **PROTEINE REGULATRICE DE P53 APPELEE RB18A ET SES UTILISATIONS**
[72] FRADE, RAYMOND, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2000-06-14
[86] 1998-12-14 (PCT/EP98/08560)
[87] 1999-06-24 (WO99/31231)
[30] EP (97403051.2) 1997-12-15

[21] **2,315,277**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C12P 21/02 6C12N 15/10 6A61K 38/17 6C07K 14/47 6C12N 15/86**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING THE LONG PENTRAXIN PTX3**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT UNE PENTRAXINE LONGUE PTX3**
[72] INTRONA, MARTINO, IT
[72] BOTTAZZI, BARBARA, IT
[72] VECCHI, ANNUNCIATA, IT
[72] MANTOVANI, ALBERTO, IT
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT
[85] 2000-06-15
[86] 1998-12-16 (PCT/IT98/00364)
[87] 1999-07-01 (WO99/32516)
[30] IT (RM97A000796) 1997-12-19

[21] **2,315,282**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 16/18 6C07K 14/47 6C12N 15/62 6G01N 33/68**
[25] EN
[54] **SINGLE-CHAIN POLYPEPTIDES COMPRISING TROPONIN I AND TROPONIN C**
[54] **POLYPEPTIDES A CHAINE UNIQUE COMPRENANT LA TROPONINE I ET LA TROPONINE C**
[72] SHI, QINWEI, CA
[72] SONG, QIAN-LI, CA
[71] SPECTRAL DIAGNOSTICS, INC., CA
[85] 2000-06-16
[86] 1998-12-18 (PCT/IB98/02095)
[87] 1999-06-24 (WO99/31235)
[30] US (08/993,380) 1997-12-18

[21] **2,315,539**
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 48/00 6C07K 19/00 6A61K 39/04 6C07K 16/12 6C07K 14/35 6C12N 15/62 6G01N 33/68**
[25] EN
[54] **COMPOSITIONS DERIVED FROM MYCOBACTERIUM VACCAE AND METHODS FOR THEIR USE**
[54] **COMPOSITIONS DERIVEES DE MYCOBACTERIUM VACCAE ET LEURS METHODES D'UTILISATION**
[72] VISSER, ELIZABETH S., NZ
[72] WATSON, JAMES, NZ
[72] SKINNER, MARGOT A., NZ
[72] PRESTIDGE, ROSS L., NZ
[72] TAN, PAUL, NZ
[71] GENESIS RESEARCH & DEVELOPMENT CORPORATION LIMITED, NZ
[85] 2000-06-20
[86] 1998-12-23 (PCT/NZ98/00189)
[87] 1999-07-01 (WO99/32634)
[30] US (08/997,362) 1997-12-23
[30] US (08/997,080) 1997-12-23
[30] US (08/996,624) 1997-12-23
[30] US (09/095,855) 1998-06-11
[30] US (09/156,181) 1998-09-17
[30] US (09/205,426) 1998-12-04

[21] **2,315,824**
[13] A1

[51] **Int.Cl. 6H04Q 7/38 6G01S 5/14**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING THE POSITION OF A MOBILE TERMINAL IN A CDMA MOBILE COMMUNICATIONS SYSTEM**
[54] **PROCEDE ET SYSTEME DE DETERMINATION DE LA POSITION D'UN TERMINAL MOBILE DANS UN SYSTEME DE TELECOMMUNICATIONS MOBILES AMDC**
[72] CEDERVALL, MATS, SE
[72] JAMAL, KARIM, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-06-12
[86] 1998-11-20 (PCT/SE98/02105)
[87] 1999-06-24 (WO99/31919)
[30] US (08/989,491) 1997-12-12

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[21] **2,315,942**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 16/28 6G01N 27/447 6C07K 14/715**
[25] EN
[54] **TIGIRR DNA AND POLYPEPTIDES**
[54] **ADN ET POLYPEPTIDES TIGIRR**
[72] SIMS, JOHN ERNEST, US
[71] IMMUNEX CORPORATION, US
[85] 2000-06-21
[86] 1998-12-23 (PCT/US98/27625)
[87] 1999-07-01 (WO99/32629)
[30] US (60/068,634) 1997-12-23

[21] **2,315,943**
[13] A1

[51] **Int.Cl. 6C07H 21/04 6C12N 5/00 6C12N 15/00 6C12P 21/06 6C12N 1/14 6C12N 9/16 6C12N 1/20**
[25] EN
[54] **MULTIPLE DRUG RESISTANCE GENE ATRC OF ASPERGILLUS NIDULANS**
[54] **ATRC GENIQUE D'ASPERGILLUS NIDULANS A RESISTANCE MULTIPLE AU X ANTICANCEREUX**
[72] SKATRUD, PAUL LUTHER, US
[72] DE WAARD, MAARTEN A., NL
[72] PEERY, ROBERT BROWN, US
[72] ANDRADE, ALAN C., NL
[71] WAGENINGEN AGRICULTURAL UNIVERSITY, NL
[71] ELI LILLY AND COMPANY, US
[85] 2000-06-21
[86] 1998-12-22 (PCT/US98/27499)
[87] 1999-07-01 (WO99/32505)
[30] US (08/996,644) 1997-12-23

[21] **2,315,944**
[13] A1

[51] **Int.Cl. 6C12N 15/00 6C12N 15/13**
[25] EN
[54] **BIFUNCTIONAL MOLECULES**
[54] **MOLECULES BIFONCTIONNELLES**
[72] PERRY, GILLIAN WENDY, AU
[72] BUNDESEN, PETER GREGORY, AU
[72] KORTT, ALEXANDER ANDREW, AU
[72] COIA, GREGORY, AU
[72] ATWELL, JOHN LESLIE, AU
[72] DEVINE, PETER LEONARD, AU
[71] DIATECH PTY. LTD., AU
[85] 2000-06-21
[86] 1998-12-24 (PCT/AU98/01076)
[87] 1999-07-08 (WO99/33965)
[30] AU (PP 1110) 1997-12-24
[30] AU (PP 5176) 1998-08-11

[21] **2,316,158**
[13] A1

[51] **Int.Cl. 6G01M 15/00**
[25] EN
[54] **REAL-TIME ON-ROAD VEHICLE EXHAUST GAS MODULAR FLOWMETER AND EMISSIONS REPORTING SYSTEM**
[54] **DEBITMETRE MODULAIRE ET EN TEMPS REEL POUR LES GAZ D'ECHAPPEMENT D'UN VEHICULE EN MOUVEMENT ET SYSTEME FOURNISSANT DES INFORMATIONS SUR LES EMISSIONS**
[72] BRETON, LEO ALPHONSE GERARD, US
[71] U.S. ENVIRONMENTAL PROTECTION AGENCY, US
[85] 2000-06-27
[86] 1999-01-05 (PCT/US99/00036)
[87] 1999-07-15 (WO99/35480)
[30] US (60/070,483) 1998-01-05

[21] **2,316,160**
[13] A1

[51] **Int.Cl. 6C02F 1/48 6C02F 1/30 6C02F 1/36 6C02F 1/78**
[25] EN
[54] **METHOD OF TREATING LIQUID, LIQUID TREATMENT APPARATUS, AND LIQUID TREATMENT SYSTEM**
[54] **PROCEDE DE TRAITEMENT DE LIQUIDE, APPAREIL DE TRAITEMENT DE LIQUIDE ET SYSTEME DE TRAITEMENT DE LIQUIDE**
[72] TSUDA, MITSUO, JP
[72] MORI, TOSHIKAZU, JP
[71] PROUDO CO., LTD., JP
[85] 2000-07-27
[86] 1998-11-20 (PCT/JP98/05261)
[87] 2000-06-02 (WO00/30982)

[21] **2,316,161**
[13] A1

[51] **Int.Cl. 7B60K 15/04**
[25] EN
[54] **AUTOMATICALLY CLOSING TANK CAP**
[54] **BOUCHON DE RESERVOIR A FERMETURE AUTOMATIQUE**
[72] OTT, SIEGFRIED, DE
[71] MECROM OTT U. HOLEY OHG, DE
[85] 2000-06-27
[86] 1998-12-29 (PCT/EP98/08499)
[87] 2000-07-06 (WO00/38941)

[21] **2,316,162**
[13] A1

[51] **Int.Cl. 6G03G 15/08 6G03G 15/00**
[25] EN
[54] **DEVICE AND METHOD FOR PRINTING OR COPYING IN WHICH A TONER MARK IS SCANNED AT LEAST TWO MEASUREMENT POINTS**
[54] **DISPOSITIF ET PROCEDE D'IMPRESSION OU DE PHOTOCOPIE, UNE MARQUE DE TONER ETANT DETECTEE AU NIVEAU D'AU MOINS DEUX POINTS DE MESURE**
[72] BREMMER, PETER, DE
[72] KNOTT, JOSEPH, DE
[72] SCHWARZKOPF, ANDRE, DE
[71] OCE PRINTING SYSTEMS GMBH, DE
[85] 2000-06-27
[86] 1999-01-15 (PCT/EP99/00211)
[87] 1999-07-22 (WO99/36834)
[30] DE (198 01 521.6) 1998-01-16
[30] DE (198 21 922.9) 1998-05-15

[21] **2,316,163**
[13] A1

[51] **Int.Cl. 6B32B 7/02 6G02B 5/08 6B44F 1/14 6G02B 5/30 6B32B 27/36**
[25] EN
[54] **COLOR SHIFTING FILM**
[54] **FILM A CHANGEMENT DE COULEUR**
[72] NEVITT, TIMOTHY J., US
[72] HANSON, GARY B., US
[72] WHEATLEY, JOHN A., US
[72] OUDERKIRK, ANDREW J., US
[72] BOETTCHER, JEFFREY A., US
[72] MERRILL, WILLIAM W., US
[72] WEBER, MICHAEL F., US
[72] ROSCOE, KELLY M., US
[72] JONZA, JAMES M., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-06-27
[86] 1999-01-13 (PCT/US99/00713)
[87] 1999-07-22 (WO99/36258)
[30] US (09/006591) 1998-01-13

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<p style="text-align: center;">[21] 2,316,164 [13] A1</p> <p>[51] Int.Cl. 6B01J 19/32 6B01D 3/00 [25] EN [54] STRUCTURED PACKING AND ELEMENT THEREFOR [54] CORPS DE REMPLISSAGE STRUCTURE ET ELEMENT ASSOCIE [72] PAIKERT, BETTINA, CH [72] GRIFFIN, TIMOTHY A., CH [72] LLOYD, JONATHAN, CH [71] ABB LUMMUS GLOBAL INC., US [85] 2000-06-27 [86] 1998-12-29 (PCT/US98/27699) [87] 1999-07-15 (WO99/34911) [30] US (09/002,539) 1998-01-02</p>	<p style="text-align: center;">[21] 2,316,167 [13] A1</p> <p>[51] Int.Cl. 6H04N 7/18 [25] EN [54] A METHOD AND APPARATUS FOR AN AUTOMATIC CAMERA SELECTION SYSTEM [54] PROCEDE ET APPAREIL POUR SYSTEME AUTOMATIQUE DE SELECTION DE CAMERA [72] BIANCHI, MICHAEL HAYSOM, US [71] TELCORDIA TECHNOLOGIES, INC., US [85] 2000-06-27 [86] 1999-10-14 (PCT/US99/24084) [87] 2000-05-11 (WO00/27125) [30] US (09/185,053) 1998-11-03</p>	<p style="text-align: center;">[21] 2,316,193 [13] A1</p> <p>[51] Int.Cl. 6G01N 33/543 6B01D 35/02 [25] EN [54] ANALYZER FOR LIQUID SAMPLES [54] ANALYSEUR POUR ECHANTILLONS LIQUIDES [72] YAMAUCHI, TADAKAZU, JP [72] TERASAWA, HIDEYUKI, JP [71] MOCHIDA PHARMACEUTICAL CO., LTD., JP [85] 2000-06-23 [86] 1998-12-25 (PCT/JP98/05946) [87] 1999-07-08 (WO99/34213) [30] JP (9/358629) 1997-12-25</p>
<p style="text-align: center;">[21] 2,316,165 [13] A1</p> <p>[51] Int.Cl. 6C08F 10/02 6C08J 5/18 6C08F 4/643 [25] EN [54] HOMOPOLYMERS AND COPOLYMERS OF ETHYLENE [54] HOMOPOLYMERES ET COPOLYMERES D'ETHYLENE [72] CHAI, CHOON KOOL, FR [71] BP CHEMICALS LIMITED, GB [85] 2000-06-27 [86] 1999-01-05 (PCT/GB99/00021) [87] 1999-07-15 (WO99/35174) [30] GB (9800245.4) 1998-01-07</p>	<p style="text-align: center;">[21] 2,316,168 [13] A1</p> <p>[51] Int.Cl. 7H04J 3/06 7H04B 7/26 [25] EN [54] WIRELESS NETWORK WITH CLOCK SYNCHRONIZATION [54] RESEAU SANS FIL A SYNCHRONISATION D'HORLOGE [72] DU, YONGGANG, NL [71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL [85] 2000-06-27 [86] 1999-10-11 (PCT/EP99/07811) [87] 2000-05-04 (WO00/25462) [30] DE (198 49 458.0) 1998-10-28</p>	<p style="text-align: center;">[21] 2,316,195 [13] A1</p> <p>[51] Int.Cl. 6B65D 5/72 6B65D 43/02 6B65D 5/74 [25] EN [54] FOUR-PANEL PAPERBOARD CARTON WITH INTEGRATED POUR SPOUT [54] BOITE EN CARTON A QUATRE PANNEAUX DOTEES D'UN BEC VERSEUR INTEGRE [72] COSENTINO, PETER G., US [71] NEW DIMENSION SALES INC., US [85] 2000-06-23 [86] 1998-12-23 (PCT/US98/27372) [87] 1999-07-01 (WO99/32361) [30] US (08/996,823) 1997-12-23</p>
<p style="text-align: center;">[21] 2,316,166 [13] A1</p> <p>[51] Int.Cl. 6E06B 3/663 [25] EN [54] PROFILED SPACER FOR AN INSULATION-PLATE UNIT [54] PROFILE D'ECARTEMENT POUR UNITE DE PLAQUES ISOLANTES [72] BRUNNHOFER, ERWIN, DE [71] TECHNOFORM CAPRANO + BRUNNHOFER OHG, DE [85] 2000-06-20 [86] 1999-01-21 (PCT/DE99/00188) [87] 1999-08-19 (WO99/41481) [30] DE (198 05 348.7) 1998-02-11</p>	<p style="text-align: center;">[21] 2,316,192 [13] A1</p> <p>[51] Int.Cl. 6G05B 13/04 6G06F 15/18 [25] EN [54] A SYSTEM AND METHOD FOR OPTIMIZING ENVIRONMENTS TO FACILITATE AGENT PROCESSES [54] SYSTEME ET PROCEDE SERVANT A OPTIMISER DES ENVIRONNEMENTS POUR FACILITER DES ACTIONS D'AGENTS [72] TAYLOR, MATT, US [72] TAYLOR, GAIL, US [71] TAYLOR, MATT, US [71] TAYLOR, GAIL, US [85] 2000-06-22 [86] 1998-12-22 (PCT/US98/26083) [87] 1999-07-01 (WO99/32017) [30] US (60/068,899) 1997-12-23</p>	<p style="text-align: center;">[21] 2,316,197 [13] A1</p> <p>[51] Int.Cl. 6C09J 201/02 6C08F 283/00 [25] EN [54] LAMINATING ADHESIVE HARDENABLE BY RADIATION AND USE OF SAME [54] ADHESIF POUR STRATIFIES DURCISSABLE PAR RAYONNEMENT ET SON UTILISATION [72] HUEBENER, ACHIM, DE [72] HENKE, GUENTER, DE [72] DROBNIK, MICHAEL, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2000-06-23 [86] 1998-12-14 (PCT/EP98/08194) [87] 1999-07-08 (WO99/33931) [30] DE (197 57 623.0) 1997-12-23</p>

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[21] **2,316,198**
[13] A1
[51] **Int.Cl. 6C08G 59/62 6C09J 163/00 6C08J 5/12**
[25] EN
[54] **LAMINATING ADHESIVES HARDENABLE BY RADIATION**
[54] **ADHESIFS POUR STRATIFIES DURCISSABLES PAR RAYONNEMENT**
[72] DROBNIK, MICHAEL, DE
[72] HENKE, GUENTER, DE
[72] HUEBENER, ACHIM, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2000-06-23
[86] 1998-12-14 (PCT/EP98/08193)
[87] 1999-07-08 (WO99/33897)
[30] DE (197 57 622.2) 1997-12-23

[21] **2,316,207**
[13] A1
[51] **Int.Cl. 6A23P 1/04 6A23L 1/0524 6A23L 1/0526 6A23L 1/053 6A23L 1/0532 6A23L 1/0534 6A23L 1/054 6A23L 1/0562 6A23L 1/09**
[25] EN
[54] **SACCHARIDE-BASED MATRIX COMPRISING A MALTODEXTRIN, A GELLING AGENT AND A SUGAR**
[54] **MATRICE A BASE DE SACCHARIDE COMPRENANT UNE MALTODEXTRINE, UN AGENT GELIFIANT ET UN SUCRE**
[72] YANG, ROBERT K., US
[72] FUISZ, RICHARD C., US
[71] FUISZ TECHNOLOGIES LTD., US
[85] 2000-06-27
[86] 1998-12-10 (PCT/US98/26335)
[87] 1999-07-15 (WO99/34694)
[30] US (09/003,996) 1998-01-07

[21] **2,316,209**
[13] A1
[51] **Int.Cl. 7H04B 7/216 7H04Q 7/20**
[25] EN
[54] **DEVICE AND METHOD FOR GATING TRANSMISSION IN A CDMA MOBILE COMMUNICATION SYSTEM**
[54] **DISPOSITIF ET PROCEDE D'EMISSION A PORTILLONNAGE DANS UN SYSTEME DE COMMUNICATION MOBILE EN AMDC**
[72] LEE, HYUN-SEOK, KR
[72] KIM, DAE-GYUN, KR
[72] KOO, CHANG-HOI, KR
[72] CHANG, HOON, KR
[72] AHN, JAE-MIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2000-06-27
[86] 1999-12-07 (PCT/KR99/00745)
[87] 2000-06-15 (WO00/35126)
[30] KR (54053/1998) 1998-12-07
[30] KR (14771/1999) 1999-04-24
[30] KR (22393/1999) 1999-06-15

[21] **2,316,212**
[13] A1
[51] **Int.Cl. 6G06K 9/00 6A61C 19/10**
[25] EN
[54] **SYSTEM AND METHODS FOR ANALYZING TOOTH SHADES**
[54] **SYSTEME ET PROCEDES D'ANALYSE DES NUANCES DE COLORIS DES DENTS**
[72] LEHMANN, MARYANN, US
[72] YOUNGS, PERRY, GB
[72] VOCK, CURTIS A., US
[71] SHADE ANALYZING TECHNOLOGIES, INC., US
[85] 2000-06-27
[86] 1999-10-04 (PCT/US99/22858)
[87] 2000-05-11 (WO00/26847)
[30] US (60/106,920) 1998-11-03
[30] US (60/109,299) 1998-11-19
[30] US (60/120,612) 1999-02-18

[21] **2,316,215**
[13] A1
[51] **Int.Cl. 6A23L 1/00 6A23P 1/00**
[25] EN
[54] **ULTRASONICALLY ACTIVATED CONTINUOUS SLITTER APPARATUS AND METHOD**
[54] **DECOUPEUSE EN CONTINU COMMANDEE PAR ULTRASONS ET PROCEDE CORRESPONDANT**
[72] CAPODIECI, ROBERTO A., US
[71] MARS, INCORPORATED, US
[85] 2000-06-27
[86] 1998-12-29 (PCT/US98/27740)
[87] 1999-07-08 (WO99/33356)
[30] US (09/001,802) 1997-12-31

[21] **2,316,217**
[13] A1
[51] **Int.Cl. 6C07H 15/04**
[25] EN
[54] **LOWER ALKYL ALCOHOL RECOVERY FROM A STRIPPING MIXTURE**
[54] **PROCEDES SERVANT A RECUPERER DE L'ALCOOL D'ALKYLE INFERIEUR DEPUIS UN MELANGE D'EXTRACTION**
[72] TROUT, JAMES EARL, US
[72] BUSCH, GARY ALLEN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-06-27
[86] 1998-12-22 (PCT/US98/27275)
[87] 1999-07-15 (WO99/35152)
[30] US (60/072,388) 1998-01-09

[21] **2,316,219**
[13] A1
[51] **Int.Cl. 6C10L 1/18 6C10L 10/04 6C10L 1/14**
[25] EN
[54] **COMPOSITION AND METHOD TO IMPROVE LUBRICITY IN FUELS**
[54] **COMPOSITION ET PROCEDE PERMETTANT D'AMELIORER LE POUVOIR LUBRIFIANT DES COMBUSTIBLES**
[72] WEERS, JERRY J., US
[72] McCALLUM, ANDREW J., US
[72] GENTRY, DAVID R., US
[72] CAPPEL, WELDON J., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2000-06-27
[86] 1999-01-12 (PCT/US99/00952)
[87] 1999-07-22 (WO99/36489)
[30] US (60/071,025) 1998-01-13

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[21] **2,316,221**
[13] A1
[51] **Int.Cl. 6C07D 403/04 6A61K 31/415**
[25] EN
[54] **HETEROCYCLIC TOPOISOMERASE POISONS**
[54] **POISONS TOPO-ISOMERASE HETEROCYCLIQUES**
[72] LAVOIE, EDMOND J., US
[72] LIU, LEROY FONG, US
[72] KIM, JUN SUNG, KR
[71] LAVOIE, EDMOND J., US
[71] LIU, LEROY FONG, US
[71] KIM, JUN SUNG, KR
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2000-06-27
[86] 1998-12-30 (PCT/US98/27822)
[87] 1999-07-08 (WO99/33824)
[30] US (60/070,287) 1997-12-31

[21] **2,316,223**
[13] A1
[51] **Int.Cl. 6A61L 29/00 6A61L 31/00**
[25] EN
[54] **HYDROPHILIC COATING FOR AN INTRACORPOREAL MEDICAL DEVICE**
[54] **REVETEMENT HYDROPHILE POUR DISPOSITIF MEDICAL INTRACORPOREL**
[72] BUCHKO, CHRISTOPHER J., US
[72] MICHAL, EUGENE T., US
[72] BIGUS, STEPHEN J., US
[71] ADVANCED CARDIOVASCULAR SYSTEMS, US
[85] 2000-06-27
[86] 1999-01-29 (PCT/US99/01919)
[87] 1999-08-05 (WO99/38546)
[30] US (09/016,694) 1998-01-30

[21] **2,316,224**
[13] A1
[51] **Int.Cl. 6A61K 9/50**
[25] EN
[54] **MICROCAPSULES; PROCESS FOR PREPARING MICROCAPSULES CONTAINING A BIOLOGICALLY ACTIVE COMPOUND AND LIQUID SOLUTION**
[54] **MICROCAPSULES; PROCEDE POUR FABRIQUER DES MICROCAPSULES RENFERMANT UN COMPOSE BIOLOGIQUE ACTIF ET SOLUTION LIQUIDE**
[72] POMMEZ, PHILIPPE JOSEPH, BR
[72] ALCANTARA MARTINS ZUCCHETTI, ROBERTO, BR
[71] INDUSTRIA E COMÉRCIO DE COSMÉTICOS NATURA LTDA., BR
[85] 2000-06-27
[86] 1998-12-29 (PCT/BR98/00111)
[87] 1999-07-22 (WO99/36059)
[30] BR (PI 9706494-7) 1997-12-30

[21] **2,316,226**
[13] A1
[51] **Int.Cl. 6H04B 1/707**
[25] EN
[54] **A SYSTEM AND METHOD FOR SYNCHRONIZING ACQUISITION FOR A CODE MODULATED COMMUNICATION SYSTEM**
[54] **SYSTEME ET PROCEDE POUR SYNCHRONISER L'ACQUISITION D'UN SYSTEME DE COMMUNICATION A MODULATION DE CODE**
[72] BOTTOMLEY, GREGORY E., US
[72] RAMESH, RAJARAM, US
[72] SOUROUR, ESSAM, US
[71] ERICSSON INC., US
[85] 2000-06-27
[86] 1998-12-30 (PCT/US98/27811)
[87] 1999-07-08 (WO99/34530)
[30] US (09/001,029) 1997-12-30

[21] **2,316,228**
[13] A1
[51] **Int.Cl. 7B29C 47/10 7B29C 47/00**
[25] EN
[54] **PROCESS AND DEVICE FOR THE EXTRUSION OF POLYMERS WITH HIGH PERCENTAGE OF INERT MATERIALS**
[54] **METHODE D'EXTRUSION DE POLYMERES A FORT POURCENTAGE DE MATERIAUX INERTES ET APPAREIL A CET EFFET**
[72] ZAIDI, HAJER BENT-MAHFOUDH, IT
[71] TESSA TRADING LTD., GB
[85] 2000-06-27
[86] 1999-07-27 (PCT/EP99/05376)
[87] 2000-04-06 (WO00/18561)
[30] IT (GE98 A 000081) 1998-09-30

[21] **2,316,231**
[13] A1
[51] **Int.Cl. 6D21H 11/14 6D21H 25/00 6B31F 1/12**
[25] EN
[54] **THROUGH-AIR-DRIED POST BONDED CREPED FIBROUS WEB**
[54] **NAPPE FIBREUSE SECHEE PAR AIR TRAVERSANT ET CREPEE APRES LIAGE**
[72] SAFFEL, TOM C., US
[72] ANDERSON, RALPH L., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2000-06-27
[86] 1998-12-23 (PCT/US98/27607)
[87] 1999-07-08 (WO99/34056)
[30] US (09/000,584) 1997-12-30

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[21] **2,316,245**
[13] A1
[51] **Int.Cl. 6C09K 7/06 6C09K 7/00**
6C09K 7/02 6C07C 67/04
[25] EN
[54] **INVERT EMULSION DRILLING**
FLUID CONTAINING MIXTURES OF
SECONDARY ESTERS OBTAINED BY
CONVERSION OF OLEFINS, AND
PREPARATION THEREOF
[54] **FLUIDE DE FORAGE A BASE**
D'EMULSION HUILEUSE,
CONTENANT DES MELANGES
D'ESTERS SECONDAIRES OBTENUS
PAR CONVERSION D'OLEFINES ET
LEURS PREPARATIONS
[72] GEE, JEFFERY C., US
[71] CHEVRON CHEMICAL COMPANY
LLC, US
[85] 2000-06-23
[86] 1998-12-09 (PCT/US98/26137)
[87] 1999-07-08 (WO99/33932)
[30] US (09/000,988) 1997-12-30

[21] **2,316,247**
[13] A1
[51] **Int.Cl. 7A22C 11/00**
[25] EN
[54] **METHOD AND MEANS FOR**
CONVEYING AND PROCESSING AN
EXTRUDED SAUSAGE STRAND
[54] **PROCEDE ET MOYEN POUR**
FABRIQUER ET ACHEMINER UN
CHAPELET DE SAUCISSES EXTRUDE
[72] SIMPSON, MICHAEL S., US
[72] VELDKAMP, BRENT M., US
[72] CODY, DAVID J., US
[72] NORDBY, DAVID C., US
[72] HERGOTT, STEVEN P., US
[72] HAMBLIN, DAVID, US
[72] HOLL, WENDELL J., US
[71] DEC INTERNATIONAL, INC., US
[85] 2000-06-23
[86] 1999-10-28 (PCT/US99/25321)
[87] 2000-05-11 (WO00/25592)
[30] US (09/182,559) 1998-10-29

[21] **2,316,249**
[13] A1
[51] **Int.Cl. 7A24B 15/24 7A24B 15/20**
[25] EN
[54] **USE OF A PHENOL OXIDISING**
ENZYME IN THE TREATMENT OF
TOBACCO
[54] **UTILISATION D'UNE ENZYME**
OXYDANT LES PHENOLS DANS LE
TRAITEMENT DU TABAC
[72] KIERULFF, JESPER VALLENTIN, DK
[72] DE GRANDPRE, YVES D., CA
[72] JOERGENSEN, OLE BILL, DK
[72] HANSEN, TOMAS TAGE, DK
[72] KNOX, ANTHONY JAMES, CA
[71] IMPERIAL TOBACCO LIMITED, CA
[71] NOVO NORDISK A/S, DK
[85] 2000-06-23
[86] 1999-07-07 (PCT/DK99/00389)
[87] 2000-01-20 (WO00/02464)
[30] DK (PA 1998 00905) 1998-07-08

[21] **2,316,250**
[13] A1
[51] **Int.Cl. 6B29B 15/10 6D06N 3/00**
6B05C 19/02 6D06M 23/08 6B05D 1/24
[25] EN
[54] **FIBER COATING METHOD**
[54] **PROCEDE D'ENDUCTION DE**
FIBRES
[72] STAHELI, THEO, CH
[71] NEOPREG AG, CH
[85] 2000-06-23
[86] 1999-01-15 (PCT/CH99/00019)
[87] 1999-07-22 (WO99/36239)
[30] CH (91/98) 1998-01-16

[21] **2,316,251**
[13] A1
[51] **Int.Cl. 7G06K 9/20 7A61B 5/117**
[25] EN
[54] **PROCESS AND APPARATUS FOR**
THE ELECTRONIC RECORDING OF
AN IMAGE
[54] **PROCEDE ET APPAREIL POUR**
L'ENREGISTREMENT
ELECTRONIQUE D'UNE IMAGE
[72] LESZMANN, RALPH, DE
[72] EICHHORN, TORSTEN, DE
[72] MEISTER, ANDREAS, DE
[72] STANDAU, JORG, DE
[71] HEIMANN BIOMETRIC SYSTEMS
GMBH, DE
[85] 2000-06-22
[86] 1999-11-05 (PCT/EP99/08471)
[87] 2000-05-18 (WO00/28470)
[30] DE (198 51 544.8) 1998-11-09

[21] **2,316,252**
[13] A1
[51] **Int.Cl. 6A61N 5/06 6A45D 26/00**
[25] EN
[54] **APPARATUS AND METHOD FOR**
REMOVING HAIR
[54] **APPAREIL EPILATOIRE ET**
TECHNIQUE CORRESPONDANTE
[72] SHALEV, PINCHAS, IL
[72] AZAR, ZION, IL
[71] RADIANCY INC., US
[85] 2000-06-23
[86] 1998-12-14 (PCT/IL98/00605)
[87] 1999-07-15 (WO99/34867)
[30] IL (122840) 1997-12-31

[21] **2,316,253**
[13] A1
[51] **Int.Cl. 7H04B 10/12 7H04J 14/02**
7H04L 12/44
[25] EN
[54] **OPTICAL WAVELENGTH-**
DIVISION MULTIPLEX
TRANSMISSION NETWORK DEVICE
USING TRANSCIEVER HAVING 2-
INPUT/2-OUTPUT OPTICAL PATH
SWITCH
[54] **SYSTEME RESEAU DE**
TRANSMISSION MULTIPLEX
DIVISION DE LONGUEUR D'ONDE
OPTIQUE UTILISANT UN EMETTEUR
RECEPTEUR AYANT UN
COMMUTATEUR DE TRAJET
OPTIQUE A ENTREE-2/SORTIE-2
[72] SUZUKI, SENICHI, JP
[72] HARADA, MITSURU, JP
[72] AKAHANI, JUNICHI, JP
[72] KATO, KAZUTOSI, JP
[72] AKATSU, YUJI, JP
[72] KAWACHI, MASAO, JP
[72] FUKAMI, KENOSUKE, JP
[72] TAKAHARA, ATSUSHI, JP
[71] NIPPON TELEGRAPH AND
TELEPHONE CORPORATION, JP
[85] 2000-06-27
[86] 1999-10-26 (PCT/JP99/05891)
[87] 2000-05-04 (WO00/25457)
[30] JP (10/304571) 1998-10-26

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[21] **2,316,254**
[13] A1

[51] **Int.Cl. 6G01B 5/255**
[25] EN
[54] **DEVICE FOR FIXING A WHEEL-ALIGNMENT GAUGE TO A RIM OF A WHEEL OF A MOTOR VEHICLE**
[54] **DISPOSITIF POUR FIXER UN DISPOSITIF DE MESURE D'ALIGNEMENT DES ROUES SUR UNE JANTE D'UNE ROUE D'UN VEHICULE A MOTEUR**
[72] WARKOTSCH, DIRK, DE
[71] HAWEKA AUSWUCHTTECHNIK HORST WARKOTSCH GMBH, DE
[85] 2000-06-23
[86] 1998-11-20 (PCT/EP98/07479)
[87] 1999-09-02 (WO99/44007)
[30] DE (198 07 829.3) 1998-02-26

[21] **2,316,257**
[13] A1

[51] **Int.Cl. 7C09D 175/04 7C09D 17/00 7C08G 18/10**
[25] EN
[54] **PIGMENT PASTE, PASTE RESIN, COATING AGENTS AND THE USE THEREOF**
[54] **PATE DE PIGMENTS, RESINE EN PATE ET AGENTS DE REVETEMENT ET LEUR UTILISATION**
[72] GOBEL, ARMIN, DE
[72] VOGT-BIRNBRICH, BETTINA, DE
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-06-23
[86] 1999-09-24 (PCT/EP99/07110)
[87] 2000-05-04 (WO00/24836)
[30] DE (198 49 321.5) 1998-10-26

[21] **2,316,260**
[13] A1

[51] **Int.Cl. 6H04B 1/707 6H04B 7/26**
[25] EN
[54] **MOBILE STATION ASSISTED TIMING SYNCHRONIZATION IN A CDMA COMMUNICATION SYSTEM**
[54] **SYNCHRONISATION D'HORLOGE ASSISTEE PAR STATION MOBILE DANS UN SYSTEME DE COMMUNICATION AMCR**
[72] WHEATLEY, CHARLES E., III, US
[72] TIEDEMANN, EDWARD G., JR., US
[71] QUALCOMM INCORPORATED, US
[85] 2000-06-27
[86] 1999-01-15 (PCT/US99/00909)
[87] 1999-07-22 (WO99/37037)
[30] US (09/008,203) 1998-01-16

[21] **2,316,255**
[13] A1

[51] **Int.Cl. 7F25D 23/02**
[25] EN
[54] **COLD STORAGE**
[54] **ARMOIRE DE REFRIGERATION**
[72] HOSOKAWA, TOSHIMI, JP
[72] SAKATA, YASUSHI, JP
[72] WATANABE, YASUhide, JP
[72] OKAZAKI, KAZUHIKO, JP
[71] SANYO ELECTRIC CO., LTD., JP
[85] 2000-06-27
[86] 1999-10-26 (PCT/JP99/05897)
[87] 2000-05-04 (WO00/25073)
[30] JP (304029/1998) 1998-10-26

[21] **2,316,258**
[13] A1

[51] **Int.Cl. 6H04M 1/24**
[25] EN
[54] **PASSIVE TELECOMMUNICATION MONITOR SYSTEM**
[54] **SYSTEME PASSIF DE SURVEILLANCE DE TELECOMMUNICATIONS**
[72] GAILBRAITH, BRUCE GRAHAM, ZA
[71] AFRICA DEVELOPMENT ENTERPRISES CC, ZA
[85] 2000-06-27
[86] 1998-12-28 (PCT/US98/27668)
[87] 1999-07-08 (WO99/34577)
[30] ZA (97/10622) 1997-12-26

[21] **2,316,261**
[13] A1

[51] **Int.Cl. 6F16K 31/122 6F16K 27/12**
[25] EN
[54] **A VALVE AND ACTUATOR IN COMBINATION**
[54] **SOUPAPE ET SERVOCOMMANDE COMBINEES**
[72] CROCHET, KEVIN, US
[72] SENTILLES, EDWARD A., III, US
[71] CROCHET, KEVIN, US
[71] SENTILLES, EDWARD A., III, US
[85] 2000-06-27
[86] 1997-10-06 (PCT/US97/17956)
[87] 1999-04-15 (WO99/18381)

[21] **2,316,256**
[13] A1

[51] **Int.Cl. 6G06F 17/30 6H04L 29/08**
[25] EN
[54] **LOCALIZATION OF CLIENTS AND SERVERS**
[54] **LOCALISATION DE CLIENTS ET DE SERVEURS**
[72] KENNEY, WILLIAM, US
[71] AMERICA ONLINE, INC., US
[85] 2000-06-23
[86] 1998-12-22 (PCT/US98/27217)
[87] 1999-07-08 (WO99/34305)
[30] US (60/068,868) 1997-12-24
[30] US (60/070,617) 1998-01-06

[21] **2,316,259**
[13] A1

[51] **Int.Cl. 6B60N 2/12**
[25] EN
[54] **ROTARY RECLINER CONTROL MECHANISM FOR MULTIFUNCTION VEHICLE SEAT APPLICATIONS**
[54] **MECANISME DE COMMANDE DE SIEGE-COUCLETTE PIVOTANT AUX FINS D'UTILISATIONS MULTIPLES D'UN SIEGE DE VEHICULE**
[72] SMUK, WOJCIECH, US
[71] BERTRAND FAURE COMPONENTS LTD., CA
[85] 2000-06-27
[86] 1999-01-28 (PCT/CA99/00067)
[87] 1999-08-05 (WO99/38723)
[30] US (60/072,859) 1998-01-28

[21] **2,316,262**
[13] A1

[51] **Int.Cl. 7E01C 11/14**
[25] EN
[54] **JOINT PIN**
[54] **CHEVILLE POUR JOINTS**
[72] STANGL, HERMANN, AT
[71] TCI - TECHNISCH CHEMISCHE INDUSTRIEBEDARFS PRODUKTIONS-UND HANDELSGES.M, AT
[85] 2000-06-22
[86] 1999-10-22 (PCT/AT99/00256)
[87] 2000-05-04 (WO00/24968)
[30] AT (A 1786/98) 1998-10-23

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[21] **2,316,263**
[13] A1

[51] **Int.Cl. 7H04Q 7/20**
[25] EN
[54] **CHANNEL SPREADING DEVICE AND METHOD IN CDMA COMMUNICATION SYSTEM**
[54] **DISPOSITIF ET PROCEDE D'ETALEMENT CANAL DANS UN SYSTEME DE COMMUNICATIONS AMCR**
[72] MAENG, SEUNG-JOO, KR
[72] KANG, HEE-WON, KR
[72] KIM, JAE-YOEL, KR
[72] KIM, YOUNG-KY, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2000-06-27
[86] 1999-12-08 (PCT/KR99/00749)
[87] 2000-06-15 (WO00/35207)
[30] KR (54296/1998) 1998-12-08

[21] **2,316,266**
[13] A1

[51] **Int.Cl. 6G02B 5/124 6G02B 5/128**
[25] EN
[54] **REFLECTIVE ARTICLE WITH CONCEALED RETROREFLECTIVE PATTERN**
[54] **ARTICLE REFLECHISSANT A MOTIF RETROREFLECHISSANT CACHE**
[72] HANSON, GARY B., US
[72] JONZA, JOHN M., US
[72] WHEATLEY, JOHN A., US
[72] BENSON, OLESTER JR., US
[72] WEBER, MICHAEL F., US
[72] O'NEILL, MARK B., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-06-27
[86] 1998-12-10 (PCT/US98/26180)
[87] 1999-07-22 (WO99/36806)
[30] US (09/006,292) 1998-01-13

[21] **2,316,273**
[13] A1

[51] **Int.Cl. 6A61K 47/30 6A61K 47/12 6A61K 38/24**
[25] EN
[54] **SUSTAINED-RELEASE COMPOSITION, METHOD OF ITS PRODUCTION AND USE THEREOF**
[54] **COMPOSITIONS A LIBERATION CONTROLEE, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION**
[72] IGARI, YASUTAKA, JP
[72] SAIKAWA, AKIRA, JP
[72] HATA, YOSHIO, JP
[72] YAMAMOTO, KAZUMICHI, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2000-06-21
[86] 1999-01-13 (PCT/JP99/00086)
[87] 1999-07-22 (WO99/36099)
[30] JP (10/6412) 1998-01-16

[21] **2,316,264**
[13] A1

[51] **Int.Cl. 6C07D 487/04 6C07D 239/00 6C07D 249/00 6A61K 31/44 6A61K 31/505**
[25] EN
[54] **NOVEL TRIAZOLO(4,5-D)PYRIMIDINE COMPOUNDS**
[54] **NOUVEAUX COMPOSES DE TRIAZOLO-4,5-D PYRIMIDINE**
[72] THOM, STEPHEN, GB
[72] BROWN, ROGER, GB
[72] PAIRAUDEAU, GARRY, GB
[72] SPRINGTHORPE, BRIAN, GB
[72] WILLIS, PAUL, GB
[71] ASTRAZENECA UK LIMITED, GB
[85] 2000-06-27
[86] 1999-02-05 (PCT/SE99/00154)
[87] 1999-08-19 (WO99/41254)
[30] SE (9800458-3) 1998-02-17
[30] SE (9803669-2) 1998-10-26

[21] **2,316,272**
[13] A1

[51] **Int.Cl. 6A61K 6/00**
[25] EN
[54] **PREPARATION FOR DENTAL TREATMENT**
[54] **PREPARATION DESTINEE A UN TRAITEMENT DENTAIRE**
[72] BORNSTEIN, ROLF, SE
[72] ERICSON, DAN, SE
[71] MEDITEAM DENTALUTVECKLING I GOTEBORG AB, SE
[85] 2000-06-21
[86] 1999-01-07 (PCT/SE99/00005)
[87] 1999-07-15 (WO99/34765)
[30] SE (9800025-0) 1998-01-09

[21] **2,316,277**
[13] A1

[51] **Int.Cl. 6A61K 9/20**
[25] EN
[54] **TABLET FOR INSTANT AND PROLONGED RELEASE OF ONE OR MORE ACTIVE SUBSTANCES**
[54] **COMPRIME A LIBERATION INSTANTANEE ET PROLONGEE D'UN OU DE PLUSIEURS PRINCIPES ACTIFS**
[72] ORLANDO, LAURENCE, FR
[72] SASLAWSKI, OLIVIER, FR
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2000-06-21
[86] 1998-12-11 (PCT/EP98/08100)
[87] 1999-07-08 (WO99/33448)
[30] FR (97/16402) 1997-12-23

[21] **2,316,265**
[13] A1

[51] **Int.Cl. 6G01V 1/52**
[25] EN
[54] **METHOD AND APPARATUS FOR ULTRASONIC IMAGING OF A CASED WELL**
[54] **PROCEDE ET DISPOSITIF POUR L'IMAGERIE ULTRASONIQUE D'UN Puits TUBE**
[72] ZEROUG, SMAINE, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2000-06-27
[86] 1999-01-06 (PCT/US99/00207)
[87] 1999-07-15 (WO99/35490)
[30] US (60/070,531) 1998-01-06

[21] **2,316,279**
[13] A1

[51] **Int.Cl. 6A61M 15/00**
[25] EN
[54] **INHALATION DEVICE**
[54] **DISPOSITIF D'INHALATION**
[72] ULLBRAND, BJORN, SE
[72] SELMER, ANDERS, SE
[72] VON SCHUCKMANN, ALFRED, DE
[71] ASTRAZENECA AB, SE
[85] 2000-06-21
[86] 1998-12-22 (PCT/EP98/08456)
[87] 1999-07-01 (WO99/31952)
[30] DE (197 57 207.3) 1997-12-22
[30] DE (197 57 208.1) 1997-12-22

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

[51] **Int.Cl. 6C09C 1/00 6C09D 17/00 6C08K 3/00 6C09D 7/12 6D21H 19/38 6D21H 17/67**
[25] EN
[54] **PREPARATION AND USE OF MIXED OPACIFIERS BASED ON TITANIUM AND SILICA OXIDES**
[54] **PREPARATION ET UTILISATION D'OPACIFIANTS MIXTES A BASE D'OXYDES DE TITANE ET DE SILICIUM**
[72] FAJARDIE, FRANCK, FR
[72] FOULON, MICHEL, FR
[72] LE CORNEC, PATRICE, FR
[71] MILLENNIUM INORGANIC CHEMICALS, S.A., FR
[85] 2000-06-21
[86] 1998-12-24 (PCT/FR98/02877)
[87] 1999-07-15 (WO99/35193)
[30] FR (97/16709) 1997-12-30

[21] **2,316,282**
[13] A1

[51] **Int.Cl. 6C12N 15/54 6A01K 67/027 6C12N 15/11 6C12N 9/12 6C12Q 1/68 6C12N 15/85**
[25] EN
[54] **REGULATORY DNA SEQUENCES OF THE HUMAN CATALYTIC TELOMERASE SUB-UNIT GENE, DIAGNOSTIC AND THERAPEUTIC USE THEREOF**
[54] **SEQUENCES D'ADN REGULATRICES DU GENE DE LA SOUS-UNITE TELOMERASE CATALYTIQUE HUMAINE ET LEUR UTILISATION A DES FINS DIAGNOSTIQUES ET THERAPEUTIQUES**
[72] HAGEN, GUSTAV, DE
[72] ZUBOV, DMITRY, DE
[72] WICK, MARESA, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2000-06-21
[86] 1998-12-22 (PCT/EP98/08216)
[87] 1999-07-08 (WO99/33998)
[30] DE (197 57 984.1) 1997-12-24

[21] **2,316,284**
[13] A1

[51] **Int.Cl. 6A61M 15/00**
[25] EN
[54] **INHALATION DEVICE**
[54] **DISPOSITIF D'INHALATION**
[72] VON SCHUCKMANN, ALFRED, DE
[72] ULLBRAND, BJORN, SE
[72] SELMER, ANDERS, SE
[71] ASTRAZENECA AB, SE
[85] 2000-06-21
[86] 1998-12-22 (PCT/EP98/08454)
[87] 1999-07-01 (WO99/32180)
[30] DE (197 57 207.3) 1997-12-22
[30] DE (197 57 208.1) 1997-12-22

[21] **2,316,285**
[13] A1

[51] **Int.Cl. 6H01H 9/54**
[25] FR
[54] **RELAIS HYBRIDE DE PUISSANCE**
[54] **HYBRID POWER RELAY**
[72] BLAIN, GERARD, FR
[72] RAFFESTIN, LUC, FR
[71] CROUZET AUTOMATISMES, FR
[85] 2000-06-21
[86] 1998-12-23 (PCT/FR98/02851)
[87] 1999-07-08 (WO99/34382)
[30] FR (97/16344) 1997-12-23

[21] **2,316,286**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **LONGITUDINALLY FLEXIBLE EXPANDABLE STENT**
[54] **PROTHESE ENDOVASCULAIRE EXTENSIBLE ET LONGITUDINALEMENT FLEXIBLE**
[72] BROWN, BRIAN J., US
[72] DAVIS, MICHAEL, US
[72] SKUBITZ, SEAN P., US
[72] LEY, TIMOTHY J., US
[72] FRIESEN, DAVID, US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2000-06-22
[86] 1999-09-24 (PCT/US99/22161)
[87] 2000-06-02 (WO00/30563)
[30] US (09/197,278) 1998-11-20

[21] **2,316,288**
[13] A1

[51] **Int.Cl. 6H01Q 9/04**
[25] EN
[54] **MULTIPLE PARASITIC COUPLING FROM INNER PATCH ANTENNA ELEMENTS TO OUTER PATCH ANTENNA ELEMENTS**
[54] **COUPLAGE PARASITE A PARTIR DES ELEMENTS D'UNE ANTENNE A PLAQUE INTERIEURE A DES ELEMENTS D'UNE ANTENNE A PLAQUE EXTERIEURE**
[72] ROSCOE, DAVID, CA
[72] LAFLEUR, PHILIPPE, CA
[72] WIGHT, JAMES, CA
[71] LAFLEUR, PHILIPPE, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA
[85] 2000-06-22
[86] 1998-12-22 (PCT/CA98/01189)
[87] 1999-07-01 (WO99/33143)
[30] CA (2,225,677) 1997-12-22

[21] **2,316,289**
[13] A1

[51] **Int.Cl. 6C01B 6/24**
[25] EN
[54] **PROCESS FOR PREPARING NANOCRYSTALLINE METAL HYDRIDES**
[54] **PROCEDE POUR LA PRODUCTION D'HYDRURES METALLIQUES NANOCRISTALLINS**
[72] HUOT, JACQUES, CA
[72] KLASSEN, THOMAS, DE
[72] OELERICH, WOLFGANG, DE
[72] GUTHER, VOLKER, DE
[72] BORMANN, RUDIGER, DE
[72] SCHULZ, ROBERT, CA
[71] GKSS-FORSCHUNGSZENTRUM GEESTHACHT GmbH, DE
[71] CFE METALLE UND MATERIALIEN GMBH, DE
[85] 2000-06-22
[86] 1998-12-22 (PCT/DE98/03765)
[87] 1999-07-08 (WO99/33747)
[30] DE (197 58 384.9) 1997-12-23

PCT Applications Entering the National Phase

[21] **2,316,290**
[13] A1

[51] **Int.Cl. 6G01N 27/447**
[25] EN
[54] **CAPILLARY ELECTROPHORETIC METHOD TO DETECT TARGET-BINDING LIGANDS AND TO DETERMINE THEIR RELATIVE AFFINITIES**
[54] **PROCEDE ELECTROPHORETIQUE CAPILLAIRE PERMETTANT DE DETECTER DES LIGANDS SE LIANT A UNE CIBLE ET DE DETERMINER LEURS AFFINITES**
[72] DUNAYEVSKIY, YURIY M., US
[72] WATERS, JAMES L., US
[72] HUGHES, DALLAS E., US
[71] CETEK CORPORATION, US
[85] 2000-06-22
[86] 1998-12-23 (PCT/US98/27463)
[87] 1999-07-08 (WO99/34203)
[30] US (60/068,781) 1997-12-24

[21] **2,316,291**
[13] A1

[51] **Int.Cl. 6C08G 64/06 6C08G 63/193 6C08G 18/32 6C08G 18/63 6C08G 63/64**
[25] EN
[54] **OPTICALLY ACTIVE SPIROBIINDANE POLYMERS**
[54] **POLYMERES DE SPIROBIINDANE OPTIQUEMENT ACTIFS**
[72] CHAN, KWOK PONG, US
[72] STEWART, KEVIN R., US
[72] GORDON, JANET L., US
[71] MOLECULAR OPTOELECTRONICS CORPORATION, US
[85] 2000-06-22
[86] 1998-10-23 (PCT/US98/22454)
[87] 1999-05-06 (WO99/21909)
[30] US (08/957,502) 1997-10-24

[21] **2,316,292**
[13] A1

[51] **Int.Cl. 6C08G 73/10 6C08G 65/00 6C08G 75/23**
[25] EN
[54] **OPTICALLY ACTIVE POLY(ARYL)ETHERS CONTAINING OPTICALLY PURE SPIROBIINDANE OR INDANE MOIETIES**
[54] **POLY(ARYL)ETHERS OPTIQUEMENT ACTIFS ET CONTENANT DES FRACTIONS SPIROBIINDANE OU INDANES, OPTIQUEMENT PURES**
[72] CHAN, KWOK PONG, US
[72] GORDON, JANET L., US
[72] STEWART, KEVIN R., US
[71] MOLECULAR OPTOELECTRONICS CORPORATION, US
[85] 2000-06-22
[86] 1998-10-23 (PCT/US98/22426)
[87] 1999-05-06 (WO99/21910)
[30] US (08/957,549) 1997-10-24

[21] **2,316,293**
[13] A1

[51] **Int.Cl. 6C08G 18/32 6C08G 64/06 6C08G 63/193 6C08G 18/63 6C08G 63/64**
[25] EN
[54] **OPTICALLY ACTIVE INDANE POLYMERS**
[54] **POLYMERES D'INDANE, OPTIQUEMENT ACTIFS**
[72] GORDON, JANET L., US
[72] STEWART, KEVIN R., US
[72] CHAN, KWOK PONG, US
[71] MOLECULAR OPTOELECTRONICS CORPORATION, US
[85] 2000-06-22
[86] 1998-10-23 (PCT/US98/22425)
[87] 1999-05-06 (WO99/21905)
[30] US (08/957,567) 1997-10-24

[21] **2,316,294**
[13] A1

[51] **Int.Cl. 6C12P 41/00**
[25] EN
[54] **METHOD FOR PREPARING OPTICALLY ACTIVE 5-HYDROXY-3-(4'-HYDROXYPHENYL)-1, 1,3-TRIMETHYLINDANE**
[54] **PROCEDE DE PREPARATION DE 5-HYDROXY-3-(4'-HYDROXYPHENYL)-1, 1,3-TRIMETHYLINDANE OPTIQUEMENT ACTIF**
[72] ZHANG, XIAOMING, CA
[72] KAZLAUKAS, ROMAS J., CA
[71] MOLECULAR OPTOELECTRONICS CORPORATION, US
[85] 2000-06-22
[86] 1998-10-23 (PCT/US98/22427)
[87] 1999-05-06 (WO99/22015)
[30] US (08/957,524) 1997-10-24

[21] **2,316,295**
[13] A1

[51] **Int.Cl. 6B32B 31/00**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING THREE-DIMENSIONAL OBJECTS**
[54] **TECHNIQUE DE REALISATION D'OBJETS EN TROIS DIMENSIONS ET APPAREIL CORRESPONDANT**
[72] BAR-EREZ, YOSI, IL
[71] 3.D.P. LTD., IL
[85] 2000-06-22
[86] 1999-01-05 (PCT/IL98/00623)
[87] 1999-07-15 (WO99/34976)
[30] IL (122857) 1998-01-05

[21] **2,316,296**
[13] A1

[51] **Int.Cl. 6A61K 31/00 6A61K 31/44 6A61K 31/445 6A61K 31/505 6A61K 31/535**
[25] EN
[54] **USE OF CSAIDTM COMPOUNDS FOR THE MANAGEMENT OF UTERINE CONTRACTIONS**
[54] **EMPLOI DE COMPOSES DE CSAIDTM POUR LE TRAITEMENT DES CONTRACTIONS UTERINES**
[72] ALVI, SAMIR AHMED, GB
[71] IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE, GB
[85] 2000-04-10
[86] 1998-10-08 (PCT/GB98/03015)
[87] 1999-04-22 (WO99/18942)
[30] US (60/061,614) 1997-10-10

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,316,297 [13] A1</p> <p>[51] Int.Cl. 6B68G 9/00 [25] EN [54] MANUFACTURE OF POCKET SPRING ASSEMBLIES [54] PROCEDE DE FABRICATION D'ENSEMBLES BLOC-RESSORT [72] ZYSMAN, MILTON, CA [71] FURNITURE ROW TECHNOLOGIES, LLC, US [85] 2000-06-22 [86] 1998-12-22 (PCT/CA98/01188) [87] 1999-07-01 (WO99/32396) [30] US (08/995,857) 1997-12-22</p>	<p style="text-align: right;">[21] 2,316,300 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/89 6H01B 13/32 [25] EN [54] FAULT DETECTION APPARATUS [54] APPAREIL POUR DETECTER DES DEFAUTS [72] STEFANI, SERGIO A., AU [72] WLODARSKI, WOJCIECH, AU [72] ZYLEWICZ, ALEXANDER, AU [72] HAMID, HATIM ABDUL, AU [71] CRC FOR INTELLIGENT MANUFACTURING SYSTEMS & TECHNOLOGIES LTD., AU [85] 2000-06-23 [86] 1999-04-19 (PCT/AU99/00291) [87] 1999-10-28 (WO99/54715) [30] AU (PP 2986) 1998-04-17</p>	<p style="text-align: right;">[21] 2,316,304 [13] A1</p> <p>[51] Int.Cl. 6A23P 1/08 6A21C 3/00 6A21D 13/08 6A23K 1/10 6A23P 1/12 6A23L 1/31 6A23L 1/317 6A23L 1/325 [25] EN [54] METHOD FOR PRODUCING AN ANIMAL FEED OR FOOD ITEM AND A PRODUCT PRODUCED ACCORDING TO SAID METHOD [54] PROCEDE POUR PRODUIRE UN ALIMENT POUR ANIMAUX OU UNE DENREE ALIMENTAIRE ET PRODUIT AINSI OBTENU [72] SCHLEBUSCH, JOHANNES P., DE [72] RONKEN, ANDREAS, DE [72] HEMUS, JOHN, DE [72] LUTTMANN, JURGEN, DE [71] EFFEM GMBH, DE [85] 2000-06-23 [86] 1998-12-08 (PCT/DE98/03648) [87] 1999-07-15 (WO99/34695) [30] DE (198 00 390.0) 1998-01-08</p>
<p style="text-align: right;">[21] 2,316,298 [13] A1</p> <p>[51] Int.Cl. 6A23L 1/30 6A23D 9/00 6A61K 31/20 [25] EN [54] FAT BLEND [54] MELANGE DE CORPS GRAS [72] FARWER, SANDRA, DE [72] SAWATZKI, GUNTHER, DE [72] KLIEM, MICHAEL, DE [72] BOEHM, GUNTHER, DE [72] KOHN, GERHARD, DE [71] N.V. NUTRICIA, NL [85] 2000-06-22 [86] 1998-12-22 (PCT/EP98/08409) [87] 1999-07-08 (WO99/33355) [30] DE (197 57 414.9) 1997-12-23</p>	<p style="text-align: right;">[21] 2,316,302 [13] A1</p> <p>[51] Int.Cl. 7H01J 37/302 7H01J 37/317 [25] EN [54] RASTER SCAN GAUSSIAN BEAM WRITING STRATEGY AND METHOD FOR PATTERN GENERATION [54] STRATEGIE ET PROCEDE D'ECRITURE A FAISCEAU GAUSSIEN ET A BALAYAGE TRAME, POUR LA PRODUCTION DE MOTIFS [72] DEVORE, WILLIAM, US [72] VENEKLASEN, LEE H., US [71] ETEC SYSTEMS, INC., US [85] 2000-06-23 [86] 1999-09-24 (PCT/US99/22221) [87] 2000-05-04 (WO00/25343) [30] US (09/179,361) 1998-10-26</p>	<p style="text-align: right;">[21] 2,316,305 [13] A1</p> <p>[51] Int.Cl. 6G02F 1/1335 [25] EN [54] METHODS OF AND APPARATUSES FOR REDUCING INFRARED LOADING ON DISPLAY DEVICES [54] PROCEDES ET DISPOSITIFS PERMETTANT DE REDUIRE LA CHARGE INFRAROUGE SUR LES DISPOSITIFS D'AFFICHAGE [72] HENZ, JAMES M., US [72] HABING, ROBERT D., US [72] WOOD, TEDDY J., US [72] MANER, RANDY M., US [71] HONEYWELL INC., US [85] 2000-06-23 [86] 1998-11-19 (PCT/US98/25004) [87] 1999-07-08 (WO99/34250) [30] US (08/998,104) 1997-12-24</p>
<p style="text-align: right;">[21] 2,316,299 [13] A1</p> <p>[51] Int.Cl. 6H01B 1/12 6C08L 27/16 6H01M 10/40 [25] EN [54] POLYMER ELECTROLYTE AND NONAQUEOUS BATTERY CONTAINING THE SAME [54] ELECTROLYTE POLYMER ET BATTERIE NON AQUEUSE COMPRENANT CET ELECTROLYTE [72] KATSURAO, TAKUMI, JP [72] ICHIKAWA, YUKIO, JP [72] NAGAI, AISAKU, JP [72] HORIE, KATSUO, JP [71] KUREHA KAGAKU KOGYO KABUSHIKI KAISHA, JP [85] 2000-06-23 [86] 1998-12-24 (PCT/JP98/05848) [87] 1999-07-08 (WO99/34372) [30] JP (366969/1997) 1997-12-26</p>	<p style="text-align: right;">[21] 2,316,303 [13] A1</p> <p>[51] Int.Cl. 6C07J 41/00 6A61K 31/565 [25] EN [54] NEOVASCULARIZATION INHIBITOR CONTAINING DIENOGEST AS THE ACTIVE INGREDIENT [54] INHIBITEUR DE NEOFORMATION DE VAISSEAUX SANGUINS CONTENANT DU DIENOGEST EN TANT QUE PRINCIPE ACTIF [72] FUTAMURA, YOSHIHIRO, JP [72] NAKAMURA, MASAKI, JP [71] MOCHIDA PHARMACEUTICAL CO., LTD., JP [85] 2000-06-23 [86] 1998-12-25 (PCT/JP98/05944) [87] 1999-07-08 (WO99/33856) [30] JP (9/369540) 1997-12-26</p>	

PCT Applications Entering the National Phase

[21] **2,316,306**
[13] A1
[51] **Int.Cl. 6C09D 5/03 6C08G 63/78**
[25] EN
[54] **METHOD FOR PRODUCING A COATING POWDER COMPOSITION**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE PEINTURE PULVERULENTE**
[72] JACOBS, ALEXANDRA, DE
[72] WARD, BENNETT, DE
[72] MORS, VOLKER, DE
[72] GRAF, KNUT, DE
[72] SIMMROCK, HANS-ULRICH, DE
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG, DE
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-06-23
[86] 1998-12-22 (PCT/EP98/08460)
[87] 1999-07-08 (WO99/33926)
[30] DE (197 57 544.7) 1997-12-23

[21] **2,316,307**
[13] A1
[51] **Int.Cl. 6E21B 19/16 6E21B 19/06 6E21B 19/08**
[25] EN
[54] **WEIGHT COMPENSATION DEVICE**
[54] **DISPOSITIF DE COMPENSATION DE POIDS**
[72] BEARB, JEAN DONALD, US
[72] HAYES, MICHAEL WARREN, US
[72] LEICHT, FREDERICK MARION, US
[72] SPREIJ, LEENDERT, NL
[72] ALBRIGHT, STEVEN LEE, US
[72] BIRDWELL, JOHN CLEVELAND, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2000-06-23
[86] 1998-12-28 (PCT/EP98/08580)
[87] 1999-07-08 (WO99/34088)
[30] US (08/998,152) 1997-12-24
[30] US (08/998,461) 1997-12-26

[21] **2,316,308**
[13] A1
[51] **Int.Cl. 6C07D 487/06 6A61K 31/505**
[25] EN
[54] **CYTOTOXIC ALKALOID DERIVATIVES INCLUDING ASMARINE A AND B ISOLATED FROM A SPONGE**
[54] **DERIVES D'ALCALOIDES CYTOTOXIQUES TELS QUE L'ASMARINE A ET B ISOLES A PARTIR D'UNE EPONGE**
[72] GRAVALOS, DOLORES G., ES
[72] YOSIEF, TEFAMARIAM, ES
[72] RUDI, AMIRA, ES
[72] KASHMAN, YOEL, ES
[71] INSTITUTO BIOMAR S.A., ES
[85] 2000-06-23
[86] 1998-12-23 (PCT/GB98/03884)
[87] 1999-07-08 (WO99/33832)
[30] GB (9727301.5) 1997-12-23

[21] **2,316,309**
[13] A1
[51] **Int.Cl. 6C10G 70/04 6C07C 7/00 6C01B 3/50**
[25] EN
[54] **PROCESS FOR RECOVERING OLEFINS**
[54] **PROCEDER DE RECUPERATION D'OLEFINES**
[72] DUPUIS, GERARD, US
[72] ENGLER, YVES, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR
[71] AIR LIQUIDE AMERICA CORPORATION, US
[85] 2000-06-02
[86] 1998-12-10 (PCT/US98/25717)
[87] 1999-06-24 (WO99/31201)
[30] US (08/991,655) 1997-12-16
[30] US (09/207,685) 1998-12-09

[21] **2,316,310**
[13] A1
[51] **Int.Cl. 6C07D 209/20 6A61K 31/405**
[25] EN
[54] **GAMMA-GLUTAMYL AND BETA-ASPARTYL CONTAINING IMMUNOMODULATOR COMPOUNDS AND METHODS THEREWITH**
[54] **COMPOSES IMMUNOMODULATEURS CONTENANT UNE FRACTION GAMMA-GLUTAMYLE OU BETA-ASPARTYLE, ET PROCEDES AFFERENTS**
[72] KOLOBOV, ALEXANDER A., RU
[72] WEI, EDWARD T., US
[72] SIMBIRTSEV, ANDREY S., RU
[71] WEI, EDWARD T., US
[85] 2000-06-23
[86] 1998-12-22 (PCT/US98/27291)
[87] 1999-07-08 (WO99/33799)
[30] RU (97120940) 1997-12-25
[30] US (09/031,842) 1998-02-27

[21] **2,316,311**
[13] A1
[51] **Int.Cl. 6C09J 175/04**
[25] EN
[54] **PRIMERLESS ADHESIVE FOR A PAINTED SURFACE**
[54] **ADHESIF SANS COUCHE DE FOND POUR UNE SURFACE PEINTE**
[72] LIN, RENHE R., US
[72] MAHDI, SYED Z., US
[71] ESSEX SPECIALTY PRODUCTS, INC., US
[85] 2000-06-23
[86] 1998-12-23 (PCT/US98/27455)
[87] 1999-07-08 (WO99/33930)
[30] US (60/068,788) 1997-12-24

Demandes PCT entrant en phase nationale

[21] **2,316,312**
[13] A1

[51] **Int.Cl. 6B01J 35/02 6B01J 31/38**
[25] EN
[54] **PHOTOCATALYST POWDER FOR ENVIRONMENTAL PURIFICATION, POLYMER COMPOSITION CONTAINING THE POWDER AND MOLDED ARTICLE THEREOF, AND PROCESSES FOR PRODUCING THESE**
[54] **POUDRE PHOTOCATALYSANTE POUR LA PURIFICATION DE L'ENVIRONNEMENT, COMPOSITION POLYMERE CONTENANT LADITE POUDRE ET ARTICLE MOULE LA COMPRENANT, ET LEURS PROCEDES DE PRODUCTION**
[72] TAODA, HIROSHI, JP
[72] NONAMI, TORU, JP
[72] ITO, KATSURA, JP
[72] HAGIHARA, HIROYUKI, JP
[71] TAODA, HIROSHI, JP
[71] SHOWA DENKO KABUSHIKI KAISHA, JP
[71] NONAMI, TORU, JP
[71] JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF THE AGENCY OF INDUSTRIAL, JP
[85] 2000-06-23
[86] 1998-12-25 (PCT/JP98/05959)
[87] 1999-07-08 (WO99/33566)
[30] JP (9-366295) 1997-12-25
[30] US (60/088,881) 1998-06-11

[21] **2,316,313**
[13] A1

[51] **Int.Cl. 6G01N 33/58 6G01N 33/52**
[25] EN
[54] **A COMPOSITION FOR USE IN FLUORESCENCE ASSAY SYSTEMS**
[54] **COMPOSITION DESTINEE A S'UTILISER DANS DES SYSTEMES DE DOSAGE PAR FLUORESCENCE**
[72] PALMER, DEREK ADEYEMI, GB
[72] FRENCH, MARTIN THOMAS, GB
[71] KALIBRANT LIMITED, GB
[85] 2000-06-23
[86] 1998-12-15 (PCT/GB98/03750)
[87] 1999-07-08 (WO99/34219)
[30] GB (9727355.1) 1997-12-24

[21] **2,316,314**
[13] A1

[51] **Int.Cl. 6G06F 11/267 6G06F 11/20 6G01R 31/3185**
[25] EN
[54] **PROCESS FOR REPAIRING INTEGRATED CIRCUITS**
[54] **PROCEDE DE REPARATION DE CIRCUITS INTEGRES**
[72] MUNCH, ROBERT, DE
[72] VORBACH, MARTIN, DE
[71] PACT INFORMATIONSTECHNOLOGIE GMBH, DE
[85] 2000-06-23
[86] 1998-12-15 (PCT/DE98/03682)
[87] 1999-07-01 (WO99/32975)
[30] DE (197 57 200.6) 1997-12-22

[21] **2,316,315**
[13] A1

[51] **Int.Cl. 6H04Q 3/00**
[25] EN
[54] **A METHOD OF AND A SYSTEM FOR DELIVERING CALLS TO PLURAL SERVICE PROVIDER DOMAINS**
[54] **PROCEDE ET SYSTEME PERMETTANT D'ENVOYER DES APPELS A PLUSIEURS DOMAINES DE FOURNISSEURS DE SERVICES**
[72] KLOSTERMANN, LUCAS, NL
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-06-23
[86] 1998-12-21 (PCT/EP98/08570)
[87] 1999-07-08 (WO99/34615)
[30] EP (97204100.8) 1997-12-24

[21] **2,316,317**
[13] A1

[51] **Int.Cl. 6H04M 15/00**
[25] EN
[54] **CALL CHARGING IN A TELECOMMUNICATIONS SYSTEM**
[54] **TAXATION D'APPELS DANS UN SYSTEME DE TELECOMMUNICATIONS**
[72] DE BRUIJN, FRANCK, NL
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-06-23
[86] 1998-12-22 (PCT/EP98/08573)
[87] 1999-07-08 (WO99/34589)
[30] EP (97204105.7) 1997-12-24

[21] **2,316,318**
[13] A1

[51] **Int.Cl. 7H04N 7/24 7G06K 11/08**
[25] EN
[54] **SYSTEM FOR INSERTING AUXILIARY DATA IN A VIDEO STREAM**
[54] **SYSTEME PERMETTANT D'INTRODUIRE DES DONNEES AUXILIAIRES DANS UN FLUX VIDEO**
[72] ITO, TAKESHI, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
[85] 2000-06-23
[86] 1999-10-27 (PCT/JP99/05931)
[87] 2000-05-04 (WO00/25519)
[30] JP (10/307107) 1998-10-28

[21] **2,316,320**
[13] A1

[51] **Int.Cl. 6C07J 41/00 6A61K 31/565**
[25] EN
[54] **BONE-RESORPTIVE CYTOKINE INHIBITOR CONTAINING DIENOGEST AS THE ACTIVE INGREDIENT**
[54] **INHIBITEUR DE CYTOKINE D'OSTEORESORPTION CONTENANT DU DIENOGEST EN TANT QUE PRINCIPE ACTIF**
[72] KATSUKI, YUKIO, JP
[72] SHIBUTANI, YASUNORI, JP
[72] FUTAMURA, YOSHIHIRO, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2000-06-23
[86] 1998-12-25 (PCT/JP98/05945)
[87] 1999-07-08 (WO99/33857)
[30] JP (09-361124) 1997-12-26

[21] **2,316,331**
[13] A1

[51] **Int.Cl. 6B61B 13/08 6G05G 1/00 6B60L 13/04 6B60L 13/10**
[25] EN
[54] **VEHICLE GUIDANCE AND SWITCHING VIA MAGNETIC FORCES**
[54] **GUIDAGE ET AIGUILLAGE DE VEHICULES PAR DES FORCES MAGNETIQUES**
[72] THORNTON, RICHARD D., US
[72] BUSHKO, DARIUSZ A., US
[72] CLARK, TRACY M., US
[71] MAGNEMOTION, INC., US
[85] 2000-06-22
[86] 1998-12-23 (PCT/US98/27401)
[87] 1999-07-08 (WO99/33691)
[30] US (08/998,232) 1997-12-24

PCT Applications Entering the National Phase

[21] **2,316,332**
[13] A1

[51] **Int.Cl. 6C22C 38/58**
[25] EN
[54] **AUSTENITIC STAINLESS STEEL INCLUDING COLUMBIUM**
[54] **ACIER INOXYDABLE AUSTENITIQUE RENFERMANT DU COLOMBIUM**
[72] TIMMONS, WILLIAM W., US
[72] BAILEY, RONALD E., US
[72] UNDERKOFER, JAMES W., US
[71] ALLEGHENY LUDLUM CORPORATION, US
[85] 2000-06-22
[86] 1998-12-23 (PCT/US98/27602)
[87] 1999-07-01 (WO99/32682)
[30] US (60/068,541) 1997-12-23

[21] **2,316,333**
[13] A1

[51] **Int.Cl. 6H01J 5/60 6H01J 61/30 6H01J 9/50 6H01J 61/52**
[25] EN
[54] **A LAMP DEVICE AND A LAMP TUBE AS WELL AS A METHOD OF REGULATING THE LAMP DEVICE**
[54] **LAMPE, TUBE DE LAMPE ET PROCEDE DE REGLAGE DE LA LAMPE**
[72] KASS, POVL, DK
[71] KASS, POVL, DK
[85] 2000-06-21
[86] 1998-12-29 (PCT/DK98/00585)
[87] 1999-07-22 (WO99/36932)
[30] DK (1548/97) 1997-12-29
[30] DK (1549/97) 1997-12-29

[21] **2,316,334**
[13] A1

[51] **Int.Cl. 6C11D 3/20 6C11D 17/00 6C11D 3/02 6C11D 3/33**
[25] EN
[54] **CLEANING COMPOSITIONS FOR CERAMIC AND PORCELAIN SURFACES AND RELATED METHODS**
[54] **COMPOSITIONS NETTOYANTES POUR SURFACES DE CERAMIQUE ET DE PORCELAINE ET PROCEDES CORRESPONDANTS**
[72] NEUMILLER, PHILLIP J., US
[72] REES, WAYNE M., US
[71] S. C. JOHNSON & SON, INC., US
[85] 2000-06-22
[86] 1998-12-17 (PCT/US98/26841)
[87] 1999-07-01 (WO99/32592)
[30] US (08/995,326) 1997-12-22

[21] **2,316,335**
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[51] **Int.Cl. 6G07C 13/00**
[25] EN
[54] **VOTING SYSTEM**
[54] **SYSTEME DE VOTATION**
[72] WAY, IAN, NZ
[71] WAY, IAN, NZ
[85] 2000-06-21
[86] 1998-12-22 (PCT/NZ98/00187)
[87] 1999-07-01 (WO99/33029)
[30] NZ (329465) 1997-12-22

[21] **2,316,336**
[13] A1

[51] **Int.Cl. 6H03H 7/46 6H04L 5/06 6H04B 3/50**
[25] EN
[54] **FILTER ARRANGEMENT**
[54] **ENSEMBLE FILTRE**
[72] LISTOPAD, MANFRED, AT
[72] PFEIFFER, JOHANN, AT
[71] ERICSSON AUSTRIA AKTIENGESELLSCHAFT, AT
[85] 2000-06-22
[86] 1998-12-16 (PCT/AT98/00307)
[87] 1999-07-08 (WO99/34507)
[30] AT (A 2182/97) 1997-12-23

[21] **2,316,337**
[13] A1

[51] **Int.Cl. 6G05D 9/02 6B01D 19/00 6G05D 7/01 6F15C 1/16 6E21B 43/34**
[25] EN
[54] **FLUIDIC LEVEL CONTROL SYSTEMS**
[54] **SYSTEMES DE REGULATION DU NIVEAU DU FLUIDE**
[72] PRIESTMAN, GEOFFREY HUGH, GB
[72] TIPPETTS, JOHN RUSSELL, GB
[71] THE UNIVERSITY OF SHEFFIELD, GB
[85] 2000-06-22
[86] 1998-12-22 (PCT/GB98/03801)
[87] 1999-07-08 (WO99/34269)
[30] GB (9727078.9) 1997-12-23

[21] **2,316,338**
[13] A1

[51] **Int.Cl. 6H04M 7/00 6H04L 12/64**
[25] EN
[54] **INTERNET PROTOCOL TELEPHONY FOR A MOBILE STATION ON A PACKET DATA CHANNEL**
[54] **TELEPHONIE A PROTOCOLE INTERNET POUR STATION MOBILE SUR VOIE DE DONNEES PAR PAQUETS**
[72] ANDERSSON, DICK, SE
[72] KARLSSON, TORGNY, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-06-22
[86] 1998-12-18 (PCT/SE98/02395)
[87] 1999-07-01 (WO99/33250)
[30] US (08/996,936) 1997-12-23

[21] **2,316,339**
[13] A1

[51] **Int.Cl. 6A61B 3/16**
[25] EN
[54] **REPLACEABLE PRISM SYSTEM FOR APPLANATION TONOMETER**
[54] **SYSTEME DE PRISME REMPLACABLE POUR TONOMETRE A APPLANATION**
[72] FALCK, FRANCIS Y., JR., US
[72] FALCK, ROBERT W., US
[71] FFFH DEVELOPMENT COMPANY LLC, US
[85] 2000-06-22
[86] 1998-12-17 (PCT/US98/26858)
[87] 1999-07-01 (WO99/32029)
[30] US (08/995,794) 1997-12-22

[21] **2,316,340**
[13] A1

[51] **Int.Cl. 6A61K 31/66**
[25] EN
[54] **PHOSPHOLIPIDS HAVING ANTIMICROBIAL ACTIVITY WITH OR WITHOUT THE PRESENCE OF ANTIMICROBIALS**
[54] **PHOSPHOLIPIDES PRESENTANT UNE ACTIVITE ANTIMICROBIENNE AVEC OU SANS PRESENCE D'AGENTS ANTIMICROBIENS**
[72] LAUX, DAVID C., US
[72] KROGFELT, KAREN A., DK
[72] COHEN, PAUL S., US
[72] UTLEY, MARYJANE, US
[71] STATENS SERUM INSTITUT, DK
[85] 2000-06-22
[86] 1998-11-20 (PCT/DK98/00512)
[87] 1999-06-03 (WO99/26632)
[30] US (60/066,901) 1997-11-20

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[21] **2,316,341**
[13] A1

[51] **Int.Cl. 6C07D 211/58 6C07D 401/06 6C07D 405/06 6C07D 409/06 6C07D 405/12 6A61K 31/445 6A61K 31/535**
[25] EN
[54] **4- γ -ARYL(PIPERIDIN-4-YL) AMINO BENZAMIDES WHICH BIND TO THE DELTA-OPIOID RECEPTOR**
[54] **(4)-ARYL(PIPERIDINE-4-YL) AMINO BENZAMIDES SE LIANT AU RECEPTEUR OPIOIDE DELTA**
[72] CARSON, JOHN R., US
[72] JETTER, MICHELE C., US
[72] REITZ, ALLEN B., US
[72] FITZPATRICK, LOUIS J., US
[72] CARMOSIN, RICHARD J., US
[71] ORTHO-MCNEIL
PHARMACEUTICAL, INC., US
[85] 2000-06-22
[86] 1998-12-23 (PCT/US98/27350)
[87] 1999-07-08 (WO99/33806)
[30] US (60/068,794) 1997-12-24

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[13] A1

[51] **Int.Cl. 6B01J 13/02**
[25] EN
[54] **ENCAPSULATED HYDROGELS**
[54] **HYDROGELS ENCAPSULES**
[72] WEISMANTEL, MATTHIAS, DE
[72] RIEGEL, ULRICH, DE
[72] DANIEL, THOMAS, US
[72] HERFERT, NORBERT, DE
[72] ENGELHARDT, FRITZ, US
[72] FUNK, RUDIGER, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2000-06-23
[86] 1999-01-20 (PCT/EP99/00337)
[87] 1999-07-29 (WO99/37395)
[30] DE (198 01 933.5) 1998-01-20

[21] **2,316,343**
[13] A1

[51] **Int.Cl. 6A61F 6/00**
[25] EN
[54] **APPLICATOR RING FOR CONDOMS**
[54] **ANNEAU APPLICATEUR POUR PRESERVATIFS**
[72] LIEHS, REINHARD, AT
[71] LIEHS, REINHARD, AT
[85] 2000-06-21
[86] 1998-12-22 (PCT/AT98/00318)
[87] 1999-07-01 (WO99/32058)
[30] AT (A 2168/97) 1997-12-22

[21] **2,316,344**
[13] A1

[51] **Int.Cl. 6G04C 23/42**
[25] EN
[54] **AUTOMATIC SPRAY DISPENSER**
[54] **ATOMISEUR AUTOMATIQUE**
[72] YAHAV, SHIMON, IL
[71] GOTIT LTD., IL
[85] 2000-06-23
[86] 1998-12-18 (PCT/IL98/00618)
[87] 1999-07-08 (WO99/34266)
[30] IL (122770) 1997-12-25

[21] **2,316,345**
[13] A1

[51] **Int.Cl. 6A61M 15/00**
[25] EN
[54] **METHOD FOR INHALING POWDERY SUBSTANCES**
[54] **DISPOSITIF POUR INHALER DES SUBSTANCES PULVERULENTES**
[72] VON SCHUCKMANN, ALFRED, DE
[71] VON SCHUCKMANN, ALFRED, DE
[85] 2000-06-21
[86] 1998-12-22 (PCT/EP98/08420)
[87] 1999-07-01 (WO99/32179)
[30] DE (197 57 208.1) 1997-12-22

[21] **2,316,346**
[13] A1

[51] **Int.Cl. 6C03B 37/018**
[25] EN
[54] **GERMANIUM-CONTAINING PARTICULATE CAPTURE FROM AN EXHAUST GAS STREAM OF A GLASS PRODUCTION SYSTEM**
[54] **CAPTURE DES PARTICULES CONTENANT DU GERMANIUM DANS LES GAZ D'EMISSION D'UN SYSTEME DE PRODUCTION DE VERRE**
[72] DUNWOODY, STEVEN A., US
[72] HILTON, ERIC C., US
[72] PACE, RICHARD D., US
[71] CORNING INCORPORATED, US
[85] 2000-06-23
[86] 1998-12-29 (PCT/US98/27779)
[87] 1999-07-08 (WO99/33756)
[30] US (60/070,235) 1997-12-31

[21] **2,316,347**
[13] A1

[51] **Int.Cl. 6A61M 25/01 6A61M 31/00**
[25] EN
[54] **MOUTHPIECE FOR ENDOTRACHEAL TUBE**
[54] **EMBOUT BUCCAL POUR TUBE ENDOTRACHEAL**
[72] THOMPSON, CLARENCE, US
[71] THOMPSON, CLARENCE, US
[85] 2000-06-22
[86] 1997-12-22 (PCT/US97/23487)
[87] 1999-07-01 (WO99/32182)

[21] **2,316,348**
[13] A1

[51] **Int.Cl. 6G01M 11/00 6H04B 10/08**
[25] EN
[54] **METHOD OF AND SYSTEM FOR CHARACTERIZATION OF FIBER OPTIC CONNECTIONS IN SITU**
[54] **METHODE ET SYSTEME POUR LA CARACTERISATION IN SITU DE CONNECTEURS DE FIBRES OPTIQUES**
[72] WOODS, JAMES W., US
[72] NELSON, LARRY A., US
[71] HONEYWELL INC., US
[85] 2000-06-23
[86] 1998-11-18 (PCT/US98/24581)
[87] 1999-07-01 (WO99/32868)
[30] US (08/996,844) 1997-12-23

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[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 31/12 6A61K 31/35 6A61K 31/40 6A61K 31/475**
[25] EN
[54] **COMPOSITIONS AND METHOD FOR PROTECTING SKIN FROM UV INDUCED IMMUNOSUPPRESSION AND SKIN DAMAGE**
[54] **COMPOSITIONS ET PROCEDE POUR LA PROTECTION DE LA PEAU CONTRE UNE IMMUNO-SUPPRESSION OU DES LESIONS PROVOQUEES PAR LES RAYONS UV**
[72] KELLY, GRAHAM EDMUND, AU
[72] HUSBAND, ALAN JAMES, AU
[71] NOVOGEN RESEARCH PTY. LTD., AU
[85] 2000-06-23
[86] 1998-12-21 (PCT/AU98/01054)
[87] 1999-07-22 (WO99/36050)
[30] AU (PP 1124) 1997-12-24

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[13] A1
[51] **Int.Cl. 6B60S 1/08 6E05B 47/00**
[25] EN
[54] **A MULTI-FUNCTIONAL APPARATUS FOR A WIPER AND CABLE DRIVE**
[54] **APPAREIL MULTIFONCTIONNEL DESTINE A UN ESSUIE-GLACE ET A UN CABLE D'ENTRAINEMENT**
[72] KILKER, DANIEL D., US
[71] LEAR AUTOMOTIVE DEARBORN, INC., US
[85] 2000-04-07
[86] 1998-09-28 (PCT/US98/20233)
[87] 1999-04-22 (WO99/19179)
[30] US (08/947,977) 1997-10-09

[21] **2,316,351**
[13] A1
[51] **Int.Cl. 6C07D 335/06 6C07D 409/04 6C07D 409/06 6C07D 333/24 6C07D 277/30 6A61K 31/335 6A61K 31/38 6A61K 31/425 6A61K 31/44 6C07C 327/48 6C07D 307/54 6C07D 213/55 6C07D 311/58 6C07C 233/65 6C07C 69/78**
[25] EN
[54] **BENZOPYRAN AND BENZOTHIOPIRAN DERIVATIVES HAVING RETINOID ANTAGONIST-LIKE ACTIVITY**
[54] **DERIVES DE BENZOPYRANE ET BENZOTHYOPYRANE PRESENTANT UNE ACTIVITE RETINOIDE DE TYPE ANTAGONISTE**
[72] CHANDRARATNA, ROSHANTHA A., US
[72] BEARD, RICHARD L., US
[72] KLEIN, ELLIOTT S., US
[72] GILLETT, SAMUEL J., US
[72] NAGPAL, SUNIL, US
[72] DUONG, TIEN T., US
[72] JOHNSON, ALAN T., US
[72] VULIGONDA, VIDYASAGAR, US
[72] TENG, MIN, US
[72] STANDEVEN, ANDREW M., US
[71] ALLERGAN SALES, INC., US
[85] 2000-06-23
[86] 1998-12-21 (PCT/US98/27314)
[87] 1999-07-08 (WO99/33821)
[30] US (08/998,319) 1997-12-24

[21] **2,316,352**
[13] A1
[51] **Int.Cl. 6A61K 31/33 6C07D 498/00 6C07C 279/02 6C07D 205/04 6C07D 207/04 6C07D 223/04 6C07D 271/04 6C07D 213/06 6C07D 207/08 6C07D 211/08 6C07D 223/08 6C07D 207/09 6C07D 203/10 6C07D 211/10 6C07D 223/10 6C07D 405/10 6C07D 409/10 6C07D 203/12 6C07D 211/12 6C07D 231/12 6C07D 271/12 6C07D 203/14 6C07D 211/14 6A61K 31/155 6C07C 279/16 6C07D 211/16 6A61K 31/165 6C07C 279/18 6C07D 211/18 6C07C 279/20 6C07D 311/20 6C07D 333/20 6C07D 211/22 6C07D 333/22 6C07C 279/24 6C07D 211/26 6C07D 213/26 6C07D 213/28 6C07D 213/30 6A61K 31/335 6A61K 31/34 6C07D 213/36 6A61K 31/36 6C07D 211/38 6C07D 231/38 6A61K 31/38 6A61K 31/395 6C07D 211/40 6A61K 31/40 6A61K 31/41 6A61K 31/415 6A61K 31/42 6A61K 31/435 6C07D 317/44 6A61K 31/44 6A61K 31/445 6C07D 213/46 6C07D 213/50 6C07D 213/53 6A61K 31/55 6C07D 213/56 6C07D 213/58 6C07D 233/60 6C07D 233/61 6C07D 307/78 6C07D 211/80 6C07D 211/82 6C07D 307/87 6C07D 307/93**
[25] EN
[54] **ACYL GUANIDINE SODIUM/PROTON EXCHANGE INHIBITORS AND METHOD**
[54] **ACYL GUANIDINES INHIBITEURS D'ECHANGE SODIUM/PROTON**
[72] WU, SHUNG C., US
[72] AHMAD, SALEEM, US
[72] ATWAL, KARNAIL S., US
[72] DUGAR, SUNDEEP, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2000-06-23
[86] 1998-12-04 (PCT/US98/25829)
[87] 1999-07-08 (WO99/33460)
[30] US (60/068,790) 1997-12-24
[30] US (60/073,740) 1998-02-05

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[13] A1
[51] **Int.Cl. 6G06T 7/00**
[25] EN
[54] **IC CARD AUTHENTICATING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'AUTHENTIFICATION DE CARTES A CIRCUIT INTEGRE**
[72] CHAI, TOSHIKI, JP
[71] CADIX INC., JP
[85] 2000-06-23
[86] 1998-12-25 (PCT/JP98/05969)
[87] 1999-07-08 (WO99/34329)
[30] JP (9/366763) 1997-12-26

[21] **2,316,354**
[13] A1
[51] **Int.Cl. 6B60S 1/08 6E05B 47/00 6F16D 11/04 6B60Q 1/05 6F16H 27/06 6B60R 1/06 6B60S 1/48**
[25] EN
[54] **MULTI-FUNCTIONAL APPARATUS FOR VEHICLE**
[54] **APPAREIL MULTI-FONCTIONNEL DESTINE A UN VEHICULE**
[72] GIBSON, JAMES W., US
[72] KILKER, DANIEL D., US
[72] MILLER, ROBIN MIHEKUN, US
[72] ZIMMER, WILLIAM C., US
[72] FALCOFF, MONTE L., US
[72] MAUE, H. WINSTON, US
[72] KRUPP, ERIC J., US
[71] LEAR AUTOMOTIVE DEARBORN, INC., US
[85] 2000-04-07
[86] 1998-09-28 (PCT/US98/20273)
[87] 1999-04-22 (WO99/19180)
[30] US (08/947,973) 1997-10-09

[21] **2,316,355**
[13] A1
[51] **Int.Cl. 6H04J 3/14**
[25] EN
[54] **TRAFFIC MONITORING TOOL FOR BANDWIDTH MANAGEMENT**
[54] **OUTIL DE SURVEILLANCE DU TRAFIC PERMETTANT DE GERER LA LARGEUR DE BANDE**
[72] PUTTA, SANJEEV R., US
[72] VAID, ASEEM, US
[72] PANDIT, ATUL, US
[72] RAKOSHITZ, GREGORY, US
[71] UKIAH SOFTWARE, INC., US
[85] 2000-06-23
[86] 1998-12-23 (PCT/US98/27396)
[87] 1999-07-08 (WO99/34544)
[30] US (08/999,517) 1997-12-29

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[13] A1
[51] **Int.Cl. 6A61K 31/535 6C07D 498/06**
[25] EN
[54] **BENZOXAZINE COMPOUNDS FOR ENHANCING SYNAPTIC RESPONSE**
[54] **UTILISATION DE COMPOSES BENZOXAZINIQUES POUR STIMULER LA REPOSE SYNAPTIQUE**
[72] MARRS, CHRISTOPHER, US
[72] ROGERS, GARY A., US
[71] CORTEX PHARMACEUTICALS, INC., US
[85] 2000-06-22
[86] 1998-12-16 (PCT/US98/27027)
[87] 1999-07-08 (WO99/33469)
[30] US (08/998,300) 1997-12-24

[21] **2,316,357**
[13] A1
[51] **Int.Cl. 6E21B 19/16 6E21B 19/20**
[25] EN
[54] **MAKING AND BREAKING OF COUPLINGS BETWEEN PIPE SECTIONS IN A DRILLING RIG**
[54] **FORMATION ET RUPTURE DE RACCORDS ENTRE DES SECTIONS DE TIGES DANS UNE INSTALLATION DE FORAGE**
[72] VAN WEICHEM, GUSTAAF LOUIS, NL
[72] BAKKER, THOMAS WALBURGIS, NL
[71] WELL ENGINEERING PARTNERS B.V., NL
[85] 2000-06-23
[86] 1997-12-24 (PCT/NL97/00727)
[87] 1999-07-08 (WO99/34089)

[21] **2,316,358**
[13] A1
[51] **Int.Cl. 6C11D 3/395 6C11D 3/48**
[25] EN
[54] **STABILIZED ACIDIC CHLORINE BLEACH COMPOSITION AND METHOD OF USE**
[54] **COMPOSITION DE BLEANCHIMENT AU CHLORE ACIDE STABILISEE ET PROCEDE D'UTILISATION**
[72] HILGERS, DEBRA S., US
[72] MOODYCLIFFE, TIMOTHY, US
[72] COYLE-REES, MARGARET, US
[72] REES, WAYNE M., US
[71] S. C. JOHNSON & SON, INC., US
[85] 2000-06-22
[86] 1998-12-17 (PCT/US98/26967)
[87] 1999-07-01 (WO99/32596)
[30] US (08/996,021) 1997-12-22

[21] **2,316,360**
[13] A1
[51] **Int.Cl. 6C07D 213/50 6C07D 211/32**
[25] EN
[54] **PROCESS FOR PRODUCTION OF DONEPEZIL DERIVATIVE**
[54] **PROCEDE DE PRODUCTION DE DERIVE DE DONEPEZIL**
[72] HIMURA, YOICHI, JP
[71] EISAI CO., LTD., JP
[85] 2000-06-22
[86] 1999-01-14 (PCT/JP99/00111)
[87] 1999-07-22 (WO99/36405)
[30] JP (10/6908) 1998-01-16

[21] **2,316,361**
[13] A1
[51] **Int.Cl. 6G01N 33/49 6G06F 19/00 6G01N 33/86**
[25] EN
[54] **A METHOD FOR PREDICTING AN ABNORMAL LEVEL OF CLOTTING PROTEINS**
[54] **PROCEDE DE PREDICTION D'UN TAUX ANORMAL DE PROTEINES DE COAGULATION**
[72] FISCHER, TIMOTHY J., US
[72] BRAUN, PAUL, US
[72] GIVENS, THOMAS B., US
[71] AKZO NOBEL N.V., NL
[85] 2000-06-22
[86] 1998-12-30 (PCT/US98/27865)
[87] 1999-07-08 (WO99/34208)
[30] US (09/001,647) 1997-12-31

[21] **2,316,362**
[13] A1
[51] **Int.Cl. 6B08B 7/04 6D21C 5/02**
[25] EN
[54] **METHOD FOR SEPARATING WAX FROM WASTE PAPER**
[54] **PROCEDE SERVANT A SEPARER DE LA CIRE ET DU PAPIER USAGE**
[72] VEMULA, ROHINIKUMAR, US
[71] VEMULA, ROHINIKUMAR, US
[85] 2000-06-21
[86] 1998-12-15 (PCT/US98/26597)
[87] 1999-07-22 (WO99/36199)
[30] US (09/006,688) 1998-01-13
[30] IN (209/MAS/98) 1998-02-03

[21] **2,316,363**
[13] A1
[51] **Int.Cl. 6A01N 57/34**
[25] EN
[54] **BIOCIDAL COMPOSITIONS AND TREATMENTS**
[54] **COMPOSITIONS ET TRAITEMENTS BIOCIDES**
[72] TALBOT, ROBERT ERIC, GB
[72] JONES, CHRISTOPHER RAYMOND, GB
[71] ALBRIGHT & WILSON UK LIMITED, GB
[85] 2000-06-22
[86] 1998-12-21 (PCT/EP98/08394)
[87] 1999-07-08 (WO99/33345)
[30] GB (9727006.0) 1997-12-23
[30] GB (9805407.5) 1998-03-14
[30] GB (9805746.6) 1998-03-19
[30] GB (9811778.1) 1998-06-03
[30] GB (9820255.9) 1998-09-18

[21] **2,316,364**
[13] A1
[51] **Int.Cl. 6C12Q 1/68 6A61K 39/395 6A61K 31/70**
[25] EN
[54] **METHOD FOR DISEASE PROGNOSIS BASED ON FC RECEPTOR GENOTYPING**
[54] **METHODE POUR LE PRONOSTIC DE MALADIE, PAR L'ETABLISSEMENT DU GENOTYPE DU RECEPTEUR FC**
[72] MYHR, KJELL-MORTEN, NO
[72] VEDELER, CHRISTIAN ALEXANDER, NO
[72] NYLAND, HAROLD INGE, NO
[71] STIFTELSEN UNIVERSITETSFORSKNING BERGEN (UNIFOB), NO
[85] 2000-06-21
[86] 1998-12-22 (PCT/GB98/03872)
[87] 1999-07-01 (WO99/32659)
[30] GB (9727055.7) 1997-12-22
[30] GB (9802207.2) 1998-02-02

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[13] A1

[51] **Int.Cl. 6G01R 33/383 6G01R 33/3873 6G01R 33/46**
[25] EN
[54] **NMR APPARATUS AND METHOD FOR NON-INVASIVE IN VIVO TESTING OF A PATIENT'S BODY FLUID GLUCOSE LEVELS**
[54] **APPAREIL RMN ET PROCEDE DE MESURE IN VIVO NON INVASIVE DES NIVEAUX GLUCOSIQUES DU FLUIDE CORPOREL D'UN PATIENT**
[72] SCHLEICH, THOMAS W., US
[72] ANDERSON, MARVIN H., US
[72] JOHN, BOBAN K., US
[72] SCHOOLERY, JAMES N., US
[71] MAGNETIC DIAGNOSTICS, INC., US
[85] 2000-06-22
[86] 1998-12-23 (PCT/US98/27478)
[87] 1999-07-01 (WO99/32897)
[30] US (08/997,072) 1997-12-23

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[13] A1

[51] **Int.Cl. 6H04L 25/02**
[25] EN
[54] **METHOD AND APPARATUS FOR RATE CONVERSION IN A DUAL BAND GSM AND D-AMPS RADIO COMMUNICATION EQUIPMENT**
[54] **PROCEDE ET APPAREIL DE CONVERSION DE DEBIT DANS UN EQUIPEMENT DE RADIO COMMUNICATION A DEUX BANDES GSM ET D-AMPS**
[72] OSTMAN, LEIF THOMAS, SE
[72] JARLEHOLM, ANDERS WILHELM, SE
[72] LINDQVIST, DAN ANDERS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-06-22
[86] 1998-12-08 (PCT/SE98/02251)
[87] 1999-07-01 (WO99/33233)
[30] US (08/996,626) 1997-12-23

[21] **2,316,367**
[13] A1

[51] **Int.Cl. 6H04Q 7/30 6H04Q 7/34**
[25] EN
[54] **TEMPERATURE CONTROL SAFETY MECHANISM FOR RADIO BASE STATIONS**
[54] **MECANISME DE SECURITE POUR REGULER LA TEMPERATURE DE STATIONS RADIO FIXES**
[72] BERGLUND, BO, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-06-22
[86] 1998-12-15 (PCT/SE98/02331)
[87] 1999-07-01 (WO99/33294)
[30] US (08/997,233) 1997-12-23

[21] **2,316,368**
[13] A1

[51] **Int.Cl. 7A47C 7/44 7A47C 3/04 7A47C 7/70**
[25] EN
[54] **CHAIR WITH A BACKREST**
[54] **SIEGE DOTE D'UN DOSSIER**
[72] AMBASZ, EMILIO, AR
[71] VITRA PATENTE AG, CH
[85] 2000-06-21
[86] 1999-10-22 (PCT/IB99/01725)
[87] 2000-05-04 (WO00/24294)
[30] EP (98811055.7) 1998-10-22

[21] **2,316,369**
[13] A1

[51] **Int.Cl. 6H01H 3/28**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO ELECTROMAGNETIC ACTUATORS**
[54] **AMELIORATIONS RELATIVES AUX ACTIONNEURS ELECTROMECHANIQUES**
[72] LANE, STEPHEN ERNEST, GB
[72] SNELL, MARTIN, GB
[71] FKI PLC, GB
[85] 2000-06-21
[86] 1998-12-15 (PCT/GB98/03767)
[87] 1999-07-01 (WO99/33078)
[30] GB (9727148.0) 1997-12-22

[21] **2,316,370**
[13] A1

[51] **Int.Cl. 6B66D 1/02 6B66D 1/40 6B66D 1/48 6B66D 1/58**
[25] EN
[54] **A WINCHING APPARATUS**
[54] **APPAREIL DE TREUILLAGE**
[72] TURCO, EUGENE, AU
[71] TURCO, JOE, AU
[71] TURCO, EUGENE, AU
[85] 2000-06-21
[86] 1998-12-22 (PCT/AU98/01063)
[87] 1999-07-01 (WO99/32390)
[30] AU (PP 1107) 1997-12-22

[21] **2,316,371**
[13] A1

[51] **Int.Cl. 6B21D 51/26 6B65B 31/04 6B65B 55/18 6B65B 55/19 6B65B 7/28**
[25] EN
[54] **CONTAINER SEAMING APPARATUS AND METHODS**
[54] **SERTISSEUSE DE BOITES ET PROCEDES ASSOCIES**
[72] CAMPBELL, ROBERT H., US
[71] ABC LID MACHINE CO., INC., US
[85] 2000-06-21
[86] 1998-12-22 (PCT/US98/27254)
[87] 1999-07-01 (WO99/32243)
[30] US (08/996,874) 1997-12-23

[21] **2,316,372**
[13] A1

[51] **Int.Cl. 6G08B 21/00 6A61F 13/42 6A61F 5/48**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING A FLUID AND A TEMPERATURE**
[54] **PROCEDE ET DISPOSITIF POUR DETECTER UN FLUIDE ET UNE TEMPERATURE**
[72] BENSEN, BENT THORNING, DK
[71] BENT THORNING BENSEN A/S, DK
[85] 2000-06-22
[86] 1998-12-22 (PCT/DK98/00577)
[87] 1999-07-01 (WO99/33037)
[30] DK (1511/97) 1997-12-22

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[21] **2,316,373**
[13] A1

[51] **Int.Cl. 7A63F 13/10 7A63F 13/12**
[25] EN
[54] **INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND RECORDING MEDIUM**
[54] **DISPOSITIF PROCESSEUR D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT**
[72] HIRAMATSU, AMI, JP
[72] HIRAMATSU, SHUJI, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
[85] 2000-06-22
[86] 1999-10-29 (PCT/JP99/06019)
[87] 2000-05-11 (WO00/25878)
[30] JP (10/308879) 1998-10-29

[21] **2,316,374**
[13] A1

[51] **Int.Cl. 6C08B 37/06 6A23L 1/0524 6C08L 5/06**
[25] EN
[54] **PECTIN FOR USE IN PASTE-LIKE MATERIALS, A METHOD OF PREPARING THE SAME, PASTE-LIKE MATERIALS COMPRISING THE PECTIN AS WELL AS THE USE THEREOF**
[54] **PECTINE UTILISEE DANS DES MATERIAUX PATEUX, SON PROCEDE DE PREPARATION, MATERIAUX PATEUX LA CONTENANT AINSI QUE SON UTILISATION**
[72] CHRISTENSEN, STEEN HOJGAARD, DK
[72] MARR, BEINTA UNNI, DK
[71] HERCULES INCORPORATED, US
[85] 2000-06-21
[86] 1999-01-18 (PCT/DK99/00026)
[87] 1999-07-29 (WO99/37685)
[30] DK (00069/98) 1998-01-20

[21] **2,316,385**
[13] A1

[51] **Int.Cl. 6C07F 9/38 6C07F 9/30 6C07F 9/32 6C07F 9/40 6A61K 31/66**
[25] EN
[54] **PRODRUGS OF NAALADASE INHIBITORS**
[54] **BIOPRECURSEURS D'INHIBITEURS DE NAALADASE**
[72] JACKSON, PAUL F., US
[72] SLUSHER, BARBARA S., US
[71] GUILDFORD PHARMACEUTICALS INC., US
[85] 2000-06-23
[86] 1998-12-21 (PCT/US98/27179)
[87] 1999-07-08 (WO99/33849)
[30] US (09/001,667) 1997-12-31

[21] **2,316,386**
[13] A1

[51] **Int.Cl. 6H04Q 7/22 6H04Q 3/00**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING PERSONAL INFORMATION AND INFORMATION DELIVERY TO AND FROM A TELECOMMUNICATIONS DEVICE**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'INFORMATIONS PERSONNELLES ET DE TRANSMISSION D'INFORMATIONS A DESTINATION ET EN PROVENANCE D'UN DISPOSITIF DE TELECOMMUNICATION**
[72] DENNIS, CHARLES L., US
[71] SOFTWARE.COM, INC., US
[85] 2000-06-23
[86] 1998-12-16 (PCT/US98/26785)
[87] 1999-07-01 (WO99/33293)
[30] US (08/996,524) 1997-12-23

[21] **2,316,388**
[13] A1

[51] **Int.Cl. 6C07D 209/90 6C07D 487/04 6C07D 491/048 6C07D 401/06 6C07D 403/06 6C07D 405/12 6C07D 409/12 6C07D 401/14 6A61K 31/47 6A61K 31/495 6A61K 31/55**
[25] EN
[54] **TETRAHYDROBENZINDOLE DERIVATIVES**
[54] **DERIVES DE TETRAHYDROBENZINDOLE**
[72] IMAI, MASAKO, JP
[72] OKUNO, MASAYO, JP
[72] MORITA, ERIKO, JP
[72] USHIRODA, OSAMU, JP
[72] FUJI, KAZUYUKI, JP
[72] ANDO, TAKASHI, JP
[72] KIKUCHI, CHIKA, JP
[72] HIRANUMA, TOYOKAZU, JP
[72] KOYAMA, MASAO, JP
[71] MEIJI SEIKA KAISHA LTD., JP
[85] 2000-06-23
[86] 1998-12-22 (PCT/JP98/05827)
[87] 1999-07-08 (WO99/33804)
[30] JP (9-358380) 1997-12-25
[30] JP (9-358381) 1997-12-25
[30] JP (10-085913) 1998-03-31
[30] JP (10-136872) 1998-05-19
[30] JP (10-229709) 1998-08-14
[30] JP (10-319336) 1998-11-10

[21] **2,316,389**
[13] A1

[51] **Int.Cl. 6G07F 19/00 6H04M 17/00**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING FINANCIAL TRANSACTIONS OVER A WIRELESS NETWORK**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE TRANSACTIONS FINANCIERES PAR UN RESEAU DE TELECOMMUNICATION**
[72] DENNIS, CHARLES L., US
[71] SOFTWARE.COM, INC., US
[85] 2000-06-23
[86] 1998-12-16 (PCT/US98/26786)
[87] 1999-07-01 (WO99/33034)
[30] US (08/997,489) 1997-12-23

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[21] **2,316,390**
[13] A1

[51] **Int.Cl. 6C07D 335/06 6C07D 409/06 6A01N 43/18**
[25] EN
[54] **TRIKETONE DERIVATIVES**
[54] **DERIVES DE LA TRICETONE**
[72] NAKAMURA, KAZUFUMI, JP
[72] SHIBATA, MITSURU, JP
[72] KOIKE, KAZUYOSHI, JP
[71] IDEMITSU KOSAN COMPANY LIMITED, JP
[85] 2000-06-23
[86] 1997-12-24 (PCT/JP97/04797)
[87] 1999-07-08 (WO99/33820)

[21] **2,316,391**
[13] A1

[51] **Int.Cl. 6B60P 3/34**
[25] EN
[54] **LATCHING MECHANISM FOR LATCHING A SLIDE OUT ROOM TO MAIN LIVING AREA**
[54] **MECANISME DE VERROUILLAGE D'UNE EXTENSION COULISSANTE DE SURFACE HABITABLE PRINCIPALE**
[72] MCMANUS, PATRICK W., US
[72] DEWALD, JAMES E., US
[72] MCMANUS, MARTIN P., US
[71] MCMANUS, PATRICK W., US
[71] DEWALD, JAMES E., US
[71] MCMANUS, MARTIN P., US
[85] 2000-06-23
[86] 1998-12-22 (PCT/US98/27252)
[87] 1999-07-08 (WO99/33683)
[30] US (60/068,783) 1997-12-24
[30] US (60/074,325) 1998-02-11
[30] US (09/172,703) 1998-10-14

[21] **2,316,392**
[13] A1

[51] **Int.Cl. 6C07K 5/08 6A61K 51/08**
[25] EN
[54] **PEPTIDE CHELATORS THAT PREDOMINATELY FORM A SINGLE STEREOISOMERIC SPECIES UPON COORDINATION TO A METAL CENTER**
[54] **CHELATEURS PEPTIDES CONSTITUANT POUR L'ESSENTIEL UNE SEULE ESPECE STEREOISOMERE APRES COORDINATION AVEC UN CENTRE METAL**
[72] WONG, ERNEST, CA
[72] FAUCONNIER, THERESA, CA
[72] POLLAK, ALFRED, SI
[71] RESOLUTION PHARMACEUTICALS INC., CA
[85] 2000-06-27
[86] 1998-12-23 (PCT/CA98/01201)
[87] 1999-07-08 (WO99/33863)
[30] US (08/997,802) 1997-12-24
[30] CA (2,226,226) 1997-12-30

[21] **2,316,393**
[13] A1

[51] **Int.Cl. 6B32B 3/26 6B32B 27/20 6B32B 27/32**
[25] EN
[54] **OPAQUE ORIENTED POLYPROPYLENE FILM**
[54] **FILM DE POLYPROPYLENE ORIENTE OPAQUE**
[72] PELLINGRA, SALVATORE J., JR., US
[72] DELISIO, JOHN P., LU
[72] PEET, ROBERT G., US
[71] MOBIL OIL CORPORATION, US
[85] 2000-06-23
[86] 1998-12-08 (PCT/US98/26010)
[87] 1999-07-08 (WO99/33647)
[30] US (08/998,149) 1997-12-24

[21] **2,316,394**
[13] A1

[51] **Int.Cl. 6A62B 18/08**
[25] EN
[54] **HEAT AND MOISTURE EXCHANGER AND GENERATOR**
[54] **GENERATEUR ET ECHANGEUR DE CHALEUR ET D'HUMIDITE**
[72] SMITH, ELBERT J., JR., US
[72] MARTIN, ROBERT M., JR., US
[71] ENTERNET MEDICAL, INC., US
[85] 2000-06-23
[86] 1998-12-21 (PCT/US98/27200)
[87] 1999-07-08 (WO99/33523)
[30] US (08/997,767) 1997-12-24

[21] **2,316,395**
[13] A1

[51] **Int.Cl. 6B29D 22/00 6B29D 23/00 6B32B 27/08**
[25] EN
[54] **SYNDIOTACTIC POLYPROPYLENE MULTILAYER PACKAGING FILM**
[54] **FILM D'EMBALLAGE MULTICOUCHE EN POLYPROPYLENE SYNDIOTACTIQUE**
[72] PEET, ROBERT G., US
[71] MOBIL OIL CORPORATION, US
[85] 2000-06-23
[86] 1998-12-08 (PCT/US98/26011)
[87] 1999-07-08 (WO99/33643)
[30] US (08/998,148) 1997-12-24

[21] **2,316,398**
[13] A1

[51] **Int.Cl. 7A61K 7/11 7A61K 7/06**
[25] FR
[54] **DISPOSITIF FLACON POMPE CONTENANT UN POLYCONDENSAT COMPRENANT AU MOINS UN MOTIF POLYURETHANNE ET/OU POLYUREE**
[54] **AEROSOL DEVICE CONTAINING A CONDENSATION POLYMER COMPRISING AT LEAST A POLYURETHANE AND/OR POLYUREA UNIT**
[72] VILBERT, ARNAUD, FR
[71] L'OREAL, FR
[85] 2000-06-22
[86] 1999-10-25 (PCT/FR99/02585)
[87] 2000-05-11 (WO00/25736)
[30] FR (98/13807) 1998-11-03

[21] **2,316,412**
[13] A1

[51] **Int.Cl. 6C12N 1/20 6A61K 39/04 6C12N 15/31**
[25] EN
[54] **ATTENUATED STRAINS OF MYCOBACTERIA**
[54] **SOUCHES ATTENUÉES DE MYCOBACTERIES**
[72] FLESSELLES, BRUNO, CA
[72] KLEIN, MICHEL H., CA
[71] CONNAUGHT LABORATORIES LIMITED, CA
[85] 2000-06-22
[86] 1998-08-20 (PCT/CA98/00790)
[87] 1999-03-04 (WO99/10475)
[30] US (08/915,709) 1997-08-21

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[21] **2,316,414**
[13] A1

[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 7/01 6C12N 5/10**
[25] EN
[54] **ADENO-ASSOCIATED VIRUS AND ADENOVIRUS CHIMERIC RECOMBINANT VIRUSES USEFUL FOR THE INTEGRATION OF FOREIGN GENETIC INFORMATION INTO THE CHROMOSOMAL DNA OF TARGET CELLS**
[54] **VIRUS DE RECOMBINAISON CHIMERIQUES FAITS D'UN ADENOVIRUS ET D'UN VIRUS ADENO-ASSOCIE UTILES POUR L'INTEGRATION D'INFORMATIONS GENETIQUES ETRANGERES DANS L'ADN CHROMOSOMIQUE DE CELLULES CIBLES**
[72] SCHOUTEN, GOVERT, NL
[72] VALERIO, DOMENICO, NL
[72] EINERHAND, MARCUS PETER WILHELMUS, NL
[71] INTROGENE B.V., NL
[85] 2000-06-22
[86] 1998-12-23 (PCT/NL98/00731)
[87] 1999-07-01 (WO99/32647)
[30] EP (97204085.1) 1997-12-23

[21] **2,316,444**
[13] A1

[51] **Int.Cl. 6C07J 41/00 6C07J 31/00 6C07J 43/00 6A61K 31/565 6A61K 31/58**
[25] EN
[54] **11.BETA.-HALOGEN-7.ALPHA.-SUBSTITUTED ESTRATRIENES, METHOD FOR PRODUCING PHARMACEUTICAL PREPARATIONS CONTAINING SAID 11.BETA.-HALOGEN-7.ALPHA.-SUBSTITUTED ESTRATRIENES AND USE OF THE SAME FOR PRODUCING MEDICAMENTS**
[54] **ESTRATRIENES 11.BETA.-HALOGENE-7.ALPHA.-SUBSTITUES, PROCEDE DE PREPARATION DE PREPARATIONS PHARMACEUTIQUES, QUI CONTIENNENT LESDITS ESTRATRIENES 11.BETA.-HALOGENE-7.ALPHA.-SUBSTITUES ET LEUR UTILISATION POUR PREPARER DES MEDICAMENTS**
[72] ZORN, LUDWIG, DE
[72] FRITZEMEIER, KARL-HEINRICH, DE
[72] SCHNEIDER, MARTIN, DE
[72] LESSL, MONIKA, DE
[72] BOHLMANN, ROLF, DE
[72] SAUER, GERHARD, DE
[72] KROLL, JORG, DE
[72] HOFMEISTER, HELMUT, DE
[72] HEINRICH, NIKOLAUS, DE
[72] LICHTNER, ROSEMARIE, DE
[72] KUNZER, HERMANN, DE
[72] PARCZYK, KARSTEN, DE
[72] NISHINO, YUKISHIGE, DE
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2000-06-23
[86] 1998-12-23 (PCT/EP98/08470)
[87] 1999-07-08 (WO99/33855)
[30] DE (197 58 390.3) 1997-12-23
[30] DE (198 06 357.1) 1998-02-10

[21] **2,316,485**
[13] A1

[51] **Int.Cl. 6A61K 47/16**
[25] EN
[54] **SUSTAINED RELEASE MEDICINAL COMPOSITIONS**
[54] **COMPOSITIONS MEDICINALES A LIBERATION PROLONGEE**
[72] MITOMI, MITSUO, JP
[72] TAKAHASHI, YUTAKA, JP
[72] TAKAISHI, YUUKI, JP
[72] YASUDA, TATSUO, JP
[72] KATSUMA, MASATAKA, JP
[72] SAITO, KATSUMI, JP
[72] YAMASHITA, NOBORU, JP
[72] TAKAGI, AKIRA, JP
[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP
[85] 2000-06-23
[86] 1998-12-25 (PCT/JP98/05916)
[87] 1999-07-08 (WO99/33491)
[30] JP (9-360265) 1997-12-26

[21] **2,316,445**
[13] A1

[51] **Int.Cl. 7A61K 7/043 7A61K 7/00**
[25] EN
[54] **NAIL COATING COMPOSITIONS CONTAINING MICROSPHERES**
[54] **COMPOSITION DE VERNIS A ONGLES CONTENANT DES MICROSPHERES**
[72] COLEMAN-NALLY, DEBRA J., US
[72] CARRION, DANUVIO, US
[71] L'OREAL, FR
[85] 2000-06-27
[86] 1999-11-05 (PCT/US99/25984)
[87] 2000-05-18 (WO00/27347)
[30] US (09/186,372) 1998-11-05

[21] **2,316,539**
[13] A1

[51] **Int.Cl. 6A61K 47/16 6A61K 31/557**
[25] EN
[54] **SUSTAINED RELEASE MEDICINAL COMPOSITIONS**
[54] **COMPOSITIONS MEDICINALES A LIBERATION PROLONGEE**
[72] MITOMI, MITSUO, JP
[72] YAMASHITA, NOBORU, JP
[72] TAKAGI, AKIRA, JP
[72] HARA, MICHIO, JP
[72] YASUDA, TATSUO, JP
[72] TAKAHASHI, YUTAKA, JP
[72] TAKAISHI, YUUKI, JP
[72] KATSUMA, MASATAKA, JP
[72] SAITO, KATSUMI, JP
[71] TORAY INDUSTRIES, INC., JP
[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP
[85] 2000-06-23
[86] 1998-12-25 (PCT/JP98/05915)
[87] 1999-07-08 (WO99/33490)
[30] JP (9-360265) 1997-12-26

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<p style="text-align: right;">[21] 2,316,739 [13] A1</p> <p>[51] Int.Cl. 6C12N 5/00 6C12N 7/00 [25] EN [54] PREPARATION OF CELLS FOR PRODUCTION OF BIOLOGICALS [54] PREPARATION DE CELLULES POUR LA PRODUCTION DE SUBSTANCES BIOLOGIQUES [72] BRANDS, RUDI, NL [71] DUPHAR INTERNATIONAL RESEARCH B.V., NL [85] 2000-06-23 [86] 1998-12-17 (PCT/EP98/08522) [87] 1999-07-08 (WO99/33955) [30] EP (97204110.7) 1997-12-24</p>	<p style="text-align: right;">[21] 2,316,780 [13] A1</p> <p>[51] Int.Cl. 6G06F 3/12 [25] EN [54] JOB TOKEN PRINTER ASSIGNMENT SYSTEM [54] SYSTEME D'ATTRIBUTION D'IMPRIMANTE PAR JETON DE TACHE [72] SCHWARZ, JAMES K., JR., US [71] ELECTRONICS FOR IMAGING, INC., US [85] 2000-06-27 [86] 1998-12-04 (PCT/US98/25738) [87] 1999-07-29 (WO99/38068) [30] US (09/010,369) 1998-01-21</p>	<p style="text-align: right;">[21] 2,316,784 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/02 [25] EN [54] DISTRACTION DEVICE FOR VERTEBRAL DISC PROCEDURES [54] DISPOSITIF D'ECARTEMENT DESTINE A DES INTERVENTIONS SUR DES DISQUES INTERVERTEBRAUX [72] RAY, CHARLES DEAN, US [71] TEGEMENTA, L.L.C., US [85] 2000-06-27 [86] 1999-01-05 (PCT/US99/00107) [87] 1999-07-15 (WO99/34737) [30] US (60/070,382) 1998-01-05</p>
<p style="text-align: right;">[21] 2,316,776 [13] A1</p> <p>[51] Int.Cl. 6E03D 1/14 [25] FR [54] DISPOSITIF ECONOMISEUR POUR CHASSE D'EAU [54] ECONOMISER DEVICE FOR TOILET TANK [72] BOSTOEN, RITA, BE [71] BOSTOEN, RITA, BE [71] LAHAYE, MICHELLE, BE [85] 2000-06-27 [86] 1998-12-29 (PCT/IB98/02123) [87] 1999-07-08 (WO99/34066) [30] EP (97122932.3) 1997-12-29</p>	<p style="text-align: right;">[21] 2,316,781 [13] A1</p> <p>[51] Int.Cl. 6B65H 39/04 6B42C 19/02 [25] EN [54] MIXED FORMAT FINISHING DEVICE [54] DISPOSITIF D'ASSEMBLAGE DEFINITIF DE FORMATS MIXTES [72] MOTAMED, MARGARET, US [71] ELECTRONICS FOR IMAGING, INC., US [85] 2000-06-27 [86] 1998-11-25 (PCT/US98/25250) [87] 1999-07-22 (WO99/36338) [30] US (09/008,895) 1998-01-20</p>	<p style="text-align: right;">[21] 2,316,785 [13] A1</p> <p>[51] Int.Cl. 7C08F 293/00 7C10M 143/00 [25] EN [54] RADIAL POLYMERS PREPARED BY STABILIZED FREE RADICAL POLYMERIZATION [54] POLYMERES RADIAUX PREPARES PAR POLYMERISATION DE RADICAUX LIBRES STABILISES [72] LANGE, RICHARD M., US [72] VISGER, DANIEL C., US [71] THE LUBRIZOL CORPORATION, US [85] 2000-06-27 [86] 1999-10-20 (PCT/US99/24706) [87] 2000-05-04 (WO00/24795) [30] US (60/105,674) 1998-10-26</p>
<p style="text-align: right;">[21] 2,316,777 [13] A1</p> <p>[51] Int.Cl. 6A61N 1/30 [25] EN [54] IONTOPHORESIS DEVICE AND METHOD OF ASSEMBLING THE SAME [54] DISPOSITIF D'IONOPHORESE ET PROCEDE D'ASSEMBLAGE DE CELUI-CI [72] KOGA, NOBUHIRO, JP [72] HIGO, NARUHITO, JP [72] KURIBAYASHI, MITSURU, JP [72] MAEDA, HIROYUKI, JP [71] HISAMITSU PHARMACEUTICAL CO., INC., JP [85] 2000-06-27 [86] 1998-12-21 (PCT/JP98/05775) [87] 1999-07-08 (WO99/33517) [30] JP (9/368648) 1997-12-30</p>	<p style="text-align: right;">[21] 2,316,782 [13] A1</p> <p>[51] Int.Cl. 7H04J 11/00 7H04L 27/34 [25] EN [54] TRANSMITTING/RECEIVING DEVICE AND TRANSMITTING/RECEIVING METHOD [54] DISPOSITIF EMETTEUR/RECEPTEUR ET SON UTILISATION [72] SUDO, HIROAKI, JP [72] SHIRASAKI, YOSHIMASA, JP [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP [85] 2000-06-27 [86] 1999-11-08 (PCT/JP99/06188) [87] 2000-05-18 (WO00/28688) [30] JP (10-316417) 1998-11-06 [30] JP (11-220827) 1999-08-04</p>	<p style="text-align: right;">[21] 2,316,787 [13] A1</p> <p>[51] Int.Cl. 6C11D 17/00 [25] EN [54] MULTI-LAYER DETERGENT TABLET [54] PASTILLE DETERGENTE MULTICOUCHES [72] SONG, XIAOQING, US [72] PIERONI, LUCIO, US [72] FOLEY, PETER ROBERT, US [72] SPEED, LYNDA ANNE, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-06-27 [86] 1998-11-05 (PCT/US98/23615) [87] 1999-07-29 (WO99/37746) [30] US (60/072,551) 1998-01-26</p>

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[21] **2,316,788**
[13] A1

[51] **Int.Cl. 6C11D 3/00 6C11D 3/22 6C11D 1/835**
[25] EN
[54] **FABRIC CONDITIONING CONCENTRATE**
[54] **CONCENTRE DE CONDITIONNEMENT POUR TISSUS**
[72] MOHAMMADI, MANSUR SULTAN, GB
[71] UNILEVER PLC, GB
[85] 2000-06-27
[86] 1999-01-26 (PCT/EP99/00497)
[87] 1999-09-02 (WO99/43777)
[30] GB (9804283.1) 1998-02-27

[21] **2,316,789**
[13] A1

[51] **Int.Cl. 6D21C 9/00**
[25] EN
[54] **IMPROVED FLUFFED PULP AND METHOD OF PRODUCTION**
[54] **PATE EN FLOCONS AMELIOREE ET SON PROCEDE DE PRODUCTION**
[72] HOSKINS, MARTIN G., US
[71] GEORGIA-PACIFIC CORPORATION, US
[85] 2000-06-27
[86] 1998-12-31 (PCT/US98/27883)
[87] 1999-07-15 (WO99/35330)
[30] US (09/002,348) 1998-01-02

[21] **2,316,791**
[13] A1

[51] **Int.Cl. 6A41D 19/00**
[25] EN
[54] **CUT RESISTANT POLYMERIC FILMS**
[54] **PELLICULES POLYMERES RESISTANTES AUX COUPURES**
[72] WU, ZONGQUAN, US
[72] HARRIS, FRANK W., US
[72] CHENG, STEPHEN Z.D., US
[71] THE UNIVERSITY OF AKRON, US
[85] 2000-06-27
[86] 1998-12-31 (PCT/US98/27911)
[87] 1999-07-08 (WO99/33367)
[30] US (09/002,011) 1997-12-31

[21] **2,316,792**
[13] A1

[51] **Int.Cl. 7E21B 43/12 7F04C 15/00 7F04B 47/02 7F04C 15/04 7F16D 57/06**
[25] EN
[54] **DRIVE HEAD FOR A ROTARY-DRIVEN ROD ASSEMBLY, ESPECIALLY FOR DRIVING A SAND PUMP**
[54] **TETE D'ENTRAINEMENT POUR TRINGLERIE ENTRAINABLE EN ROTATION, NOTAMMENT POUR ENTRAINER UNE POMPE A TROUS DE MINE**
[72] HARTE, HORST, DE
[71] NETZSCH-MOHNOPUMPEN GMBH, DE
[85] 2000-06-27
[86] 1999-10-21 (PCT/EP99/07990)
[87] 2000-05-04 (WO00/25000)
[30] DE (198 49 756.3) 1998-10-28

[21] **2,316,809**
[13] A1

[51] **Int.Cl. 6H04Q 7/20**
[25] EN
[54] **ANTENNA SYSTEM FOR NARROWBAND COMMUNICATIONS SYSTEMS AND METHOD OF OPERATION**
[54] **SYSTEME D'ANTENNE ET SYSTEME DE COMMUNICATION A BANDE ETROITE ET PROCEDE DE FONCTIONNEMENT**
[72] ANGUS, ALLAN D., US
[72] HILL, SELWYN, US
[72] JONES, GRAHAM K., US
[71] WEBLINK WIRELESS, INC., US
[85] 2000-06-30
[86] 1998-12-31 (PCT/US98/27899)
[87] 1999-07-08 (WO99/34626)
[30] US (09/002,191) 1997-12-31

[21] **2,316,810**
[13] A1

[51] **Int.Cl. 6C07C 45/49 6C07C 319/02 6C07C 47/04 6C07C 45/27 6C07C 45/32**
[25] EN
[54] **PRODUCTION OF FORMALDEHYDE USING CARBON OXIDES, HYDROGEN AND H2S**
[54] **PRODUCTION DE FORMALDEHYDE AU MOYEN D'OXYDES DE CARBONE, D'HYDROGENE ET DE H2S**
[72] WACHS, ISRAEL E., US
[71] LEHIGH UNIVERSITY, US
[85] 2000-06-30
[86] 1998-12-23 (PCT/US98/27411)
[87] 1999-07-08 (WO99/33778)
[30] US (60/070,113) 1997-12-31

[21] **2,316,811**
[13] A1

[51] **Int.Cl. 6A01N 65/00 6A61K 38/00 6C07K 1/00 6C07K 5/00 6C07K 14/00 6C07K 17/00 6A61K 35/78**
[25] EN
[54] **ANTI-RETROVIRAL IMMUNOGENS, PREPARATION AND USE**
[54] **ANTIRETROVIRAUX, PREPARATION ET UTILISATION DE CEUX-CI**
[72] ZAGURY, JEAN-FRANCOIS, FR
[72] CARCAGNO, MIGUEL, AR
[72] RAPPAPORT, JAY, US
[71] BIOVACS, INC., US
[71] ZAGURY, JEAN-FRANCOIS, FR
[71] RAPPAPORT, JAY, US
[85] 2000-06-27
[86] 1998-12-22 (PCT/US98/27263)
[87] 1999-07-08 (WO99/33346)
[30] FR (97/16589) 1997-12-26

[21] **2,316,837**
[13] A1

[51] **Int.Cl. 6B66B 1/04 6B66B 5/02**
[25] EN
[54] **HYDRAULIC LIFT ACTUATING DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT POUR ASCENSEUR HYDRAULIQUE**
[72] KADOUCHE, EMILE, FR
[71] KADOUCHE, EMILE, FR
[85] 2000-06-28
[86] 1998-12-23 (PCT/FR98/02845)
[87] 1999-07-08 (WO99/33740)
[30] FR (97/16609) 1997-12-29
[30] FR (98/10285) 1998-08-11

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[21] **2,316,838**
[13] A1

[51] **Int.Cl. 6G06F 15/00 6G06T 15/00**
[25] EN
[54] **METHOD AND APPARATUS FOR THREE-DIMENSIONAL SURFACE CONTOURING USING A DIGITAL VIDEO PROJECTION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR FORMER LES CONTOURS TRIDIMENSIONNELS D'UNE SURFACE AU MOYEN D'UN SYSTEME NUMERIQUE DE PROJECTION VIDEO**
[72] HUANG, PEISEN S., US
[72] CHIANG, FU-PEN, US
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US
[85] 2000-06-28
[86] 1998-12-31 (PCT/US98/27915)
[87] 1999-07-08 (WO99/34301)
[30] US (60/070,138) 1997-12-31

[21] **2,316,839**
[13] A1

[51] **Int.Cl. 6A61M 25/01**
[25] EN
[54] **DEFLECTABLE GUIDING CATHETER**
[54] **SONDE-GUIDE SUSCEPTIBLE DE S'INFLECHIR**
[72] QIN, JAY J., US
[72] SCHALLER, LAURENT, US
[72] DICKENS, DUANE, US
[71] CARDIMA, INC., US
[85] 2000-06-28
[86] 1998-12-30 (PCT/US98/27829)
[87] 1999-07-08 (WO99/33509)
[30] US (09/001,249) 1997-12-30

[21] **2,316,840**
[13] A1

[51] **Int.Cl. 7B65D 33/00**
[25] EN
[54] **ANTIMICROBIAL PLASTIC CLOSURES FOR DRINKING CONTAINERS**
[54] **FERMETURES PLASTIQUES BACTERICIDES POUR RECIPIENTS A BOISSONS**
[72] STAHL, AMY, US
[72] BARRY, JOHN E., US
[72] TROGOLO, JEFFREY A., US
[71] HEALTHSHIELD TECHNOLOGIES, L.L.C., US
[85] 2000-06-28
[86] 1999-10-25 (PCT/US99/25046)
[87] 2000-05-11 (WO00/26100)
[30] US (09/182,146) 1998-10-29

[21] **2,316,841**
[13] A1

[51] **Int.Cl. 6A61K 47/38 6C07D 501/24**
[25] EN
[54] **CRYSTALLOGRAPHICALLY STABLE AMORPHOUS CEPHALOSPORIN COMPOSITIONS AND PROCESS FOR PRODUCING THE SAME**
[54] **COMPOSITIONS DE CEPHALOSPORINE AMORPHES, STABLES DU POINT DE VUE CRISTALLOGRAPHIQUE ET PROCEDE DE PREPARATION DE CES COMPOSITIONS**
[72] MURAI, YASUSHI, JP
[72] IINUMA, KATSUHARA, JP
[72] SUKEGAWA, MASAMICHI, JP
[72] ONODERA, MASAHIRO, JP
[72] YASUI, KIYOSHI, JP
[72] SATO, TOYOMI, JP
[72] WATANABE, TATSUO, JP
[71] MEIJI SEIKA KAISHA LTD., JP
[85] 2000-06-28
[86] 1999-01-07 (PCT/JP99/00020)
[87] 1999-07-15 (WO99/34832)
[30] JP (10/1920) 1998-01-07

[21] **2,316,842**
[13] A1

[51] **Int.Cl. 6A63C 17/06**
[25] EN
[54] **A SKATEBOARD**
[54] **PLANCHE A ROULETTES**
[72] ATTEY, GRAEME SCOTT, AU
[71] DESIGN SCIENCE PTY. LTD., AU
[85] 2000-06-28
[86] 1998-12-30 (PCT/AU98/01007)
[87] 1999-07-15 (WO99/34886)
[30] AU (PP 1167) 1997-12-30
[30] AU (PP 3030) 1998-04-20

[21] **2,316,843**
[13] A1

[51] **Int.Cl. 6H01L 41/08**
[25] EN
[54] **PIEZOELECTRIC TRANSDUCER**
[54] **TRANSDUCTEUR PIEZO-ELECTRIQUE**
[72] DORON, EYAL, IL
[72] PORAT, YARIV, IL
[72] TSALIAH, YOSEPH, IL
[71] REMON MEDICAL TECHNOLOGIES LTD., IL
[85] 2000-06-28
[86] 1998-12-28 (PCT/US98/27669)
[87] 1999-07-08 (WO99/34453)
[30] US (09/000,553) 1997-12-30

[21] **2,316,866**
[13] A1

[51] **Int.Cl. 7H04Q 3/62 7H04Q 11/04 7H04J 3/18**
[25] EN
[54] **COMMUNICATION SYSTEM USING A COMPRESSED CONNECTION**
[54] **SYSTEME DE COMMUNICATION PAR CONNEXION COMPRIMEE**
[72] GRUTTER, HENDRIKUS J., NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2000-06-30
[86] 1999-10-27 (PCT/EP99/08251)
[87] 2000-05-25 (WO00/30399)
[30] EP (98203688.1) 1998-11-02

[21] **2,316,868**
[13] A1

[51] **Int.Cl. 6C23C 14/20 6C25D 7/00 6C23C 14/02 6H05K 3/02 6H05K 3/38**
[25] EN
[54] **PROCESS FOR METAL PLATING LIQUID CRYSTALLINE POLYMERS AND COMPOSITIONS RELATED THERETO**
[54] **PROCEDE DE METALLISATION DE POLYMERES CRISTALLINS LIQUIDES ET COMPOSITIONS ASSOCIEES**
[72] BEITINGER, GUNTER, DE
[72] KOLBECK, GERALD, DE
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-06-30
[86] 1999-01-27 (PCT/US99/01639)
[87] 1999-08-05 (WO99/39021)
[30] US (60/073,194) 1998-01-30

[21] **2,316,869**
[13] A1

[51] **Int.Cl. 6B65B 43/10 6B31B 3/00 6B31B 3/28**
[25] EN
[54] **TOOLING FOR FORMING PACKAGING FROM UNITARY BLANKS**
[54] **OUTILLAGE DE FRAPPE POUR FORMER DES ARTICLES D'EMBALLAGE A PARTIR D'EBAUCHES UNITAIRES**
[72] GENTILE, ALISEO, US
[71] XELA PACK, INC., US
[85] 2000-06-29
[86] 1998-12-04 (PCT/US98/25826)
[87] 1999-06-10 (WO99/28192)
[30] US (60/067,453) 1997-12-04

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<p style="text-align: right;">[21] 2,316,872 [13] A1</p> <p>[51] Int.Cl. 6A61L 2/20 6A61L 9/16 [25] EN [54] SURFACE AND AIR STERILIZATION USING ULTRAVIOLET LIGHT AND ULTRASONIC WAVES [54] STERILISATION DE SURFACE ET D'AIR PAR ONDES LUMINEUSES ULTRAVIOLETTES ET ONDES ULTRASONIQUES [72] ROSE, EDWARD V., US [72] CLARK, WILLIAM E., JR., US [71] SPECTRUM ENVIRONMENTAL TECHNOLOGIES, INC., US [85] 2000-06-29 [86] 1998-12-17 (PCT/US98/26915) [87] 1999-07-08 (WO99/33495) [30] US (08/999,273) 1997-12-29 [30] US (09/193,330) 1998-11-16</p>	<p style="text-align: right;">[21] 2,316,887 [13] A1</p> <p>[51] Int.Cl. 6A61M 37/00 6A61K 9/00 6A61M 5/142 [25] EN [54] OSMOTIC DRUG DELIVERY MONITORING SYSTEM AND METHOD [54] METHODE ET SYSTEME DE CONTROLE OSMOTIQUE DE L'ADMINISTRATION DE MEDICAMENT [72] AYER, RUPAL, US [72] ECKENHOFF, JAMES B. (DECEASED), US [72] BERRY, STEPHEN, US [72] STEWART, GREGORY ROBERT, US [72] JORDAN, SCOTT DARWIN, US [71] ALZA CORPORATION, US [71] ECKENHOFF, BONNIE J., US [85] 2000-06-29 [86] 1998-12-21 (PCT/US98/27208) [87] 1999-07-08 (WO99/33513) [30] US (60/070,178) 1997-12-31</p>	<p style="text-align: right;">[21] 2,316,894 [13] A1</p> <p>[51] Int.Cl. 6C08L 5/14 6C08B 37/00 6C11D 7/00 6C08B 37/14 [25] EN [54] POLYSACCHARIDE CONJUGATE CAPABLE OF BINDING CELLULOSE [54] CONJUGUE DE POLYSACCHARIDES CAPABLE DE SE FIXER A LA CELLULOSE [72] BERRY, MARK JOHN, GB [72] GIDLEY, MICHAEL JOHN, GB [72] DAVIS, PAUL JAMES, GB [71] UNILEVER PLC, GB [85] 2000-06-29 [86] 1998-12-23 (PCT/EP98/08551) [87] 1999-07-22 (WO99/36469) [30] EP (98300292.4) 1998-01-16</p>
<p style="text-align: right;">[21] 2,316,874 [13] A1</p> <p>[51] Int.Cl. 6E05B 13/00 [25] EN [54] DEAD BOLT COMBINATION LOCK AND PUSH-PULL LOCK, EACH WITH INTEGRATED RE-LOCKING FEATURES, LOCK WITH AUXILIARY SECURITY FEATURES, AND LOCK KEYPAD WITH TAMPER DETECTION AND RESPONSE FEATURES [54] SERRURE A PENE DORMANT ET SERRURE A POUSSEE TRACTION COMBINEES, PRESENTANT CHACUNE DES CARACTERISTIQUES DE DOUBLE VERROUILLAGE INTEGREES ET DES FONCTIONS DE SECURITE AUXILIAIRES, ET CLAVIER DE VERROUILLAGE AVEC UN DISPOSITIF DE DETECTION ET DE REPONSE D'UTILISATION FRAUDULEUSE [72] WICHT, JACQUES, CH [72] DEXET, CHRISTOPHE, FR [72] HORNE, MARSHALL, US [72] CUENOT, CEDRIC, CH [72] URSHEL, NED, US [72] LAINHART, GREG, US [72] CLARK, MICHAEL R., US [71] SARGENT & GREENLEAF, INC., US [85] 2000-06-30 [86] 1998-12-21 (PCT/US98/26229) [87] 1999-07-15 (WO99/35356) [30] US (60/070,366) 1998-01-02 [30] US (09/066,601) 1998-04-27</p>	<p style="text-align: right;">[21] 2,316,889 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/22 [25] EN [54] ON-LINE NOTIFICATION IN A MOBILE COMMUNICATIONS SYSTEM [54] MODIFICATION EN LIGNE DANS UN SYSTEME DE COMMUNICATION MOBILE [72] SANDEGREN, PER-ARNE, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-06-29 [86] 1998-12-18 (PCT/SE98/02398) [87] 1999-07-08 (WO99/34628) [30] US (09/000,929) 1997-12-30</p>	<p style="text-align: right;">[21] 2,316,897 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/30 6G06K 9/20 [25] EN [54] APPARATUS AND METHOD FOR DIGITAL FILING [54] DISPOSITIF ET PROCEDE D'ARCHIVAGE NUMERIQUE [72] IRONS, STEVEN W., US [71] IMAGETAG, INC., US [85] 2000-06-29 [86] 1998-12-03 (PCT/US98/25580) [87] 1999-07-08 (WO99/34304) [30] US (09/001,228) 1997-12-30</p>
<p style="text-align: right;">[21] 2,316,892 [13] A1</p> <p>[51] Int.Cl. 6H01J 49/42 [25] EN [54] BOUNDARY ACTIVATED DISSOCIATION IN ROD-TYPE MASS SPECTROMETER [54] DISSOCIATION ACTIVEE EN LIMITE DANS UN SPECTROMETRE DE MASSE A BARRES [72] HAGER, JAMES W., CA [71] MDS INC., CA [85] 2000-06-29 [86] 1998-05-28 (PCT/CA98/00527) [87] 1999-07-15 (WO99/35669) [30] US (60/071,231) 1998-01-12</p>	<p style="text-align: right;">[21] 2,316,898 [13] A1</p> <p>[51] Int.Cl. 6A61F 2/34 6B23G 1/00 [25] EN [54] HOBBLE TURNING METHOD AND PREFERRED APPLICATION FOR SAID METHOD [54] PROCEDE DE TOURNAGE PAR SAUTS ET APPLICATION PREFEREE DUDIT PROCEDE [72] HORMANSDORFER, GERD, DE [71] HORMANSDORFER, GERD, DE [85] 2000-06-29 [86] 1998-12-29 (PCT/EP98/08473) [87] 1999-07-08 (WO99/33416) [30] DE (197 57 799.7) 1997-12-29</p>	<p style="text-align: right;">[21] 2,316,898 [13] A1</p> <p>[51] Int.Cl. 6A61F 2/34 6B23G 1/00 [25] EN [54] HOBBLE TURNING METHOD AND PREFERRED APPLICATION FOR SAID METHOD [54] PROCEDE DE TOURNAGE PAR SAUTS ET APPLICATION PREFEREE DUDIT PROCEDE [72] HORMANSDORFER, GERD, DE [71] HORMANSDORFER, GERD, DE [85] 2000-06-29 [86] 1998-12-29 (PCT/EP98/08473) [87] 1999-07-08 (WO99/33416) [30] DE (197 57 799.7) 1997-12-29</p>

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[21] **2,316,901**
[13] A1
[51] **Int.Cl. 6B01D 53/00 6C25B 1/00 6C25B 5/00**
[25] EN
[54] **ELECTROLYTIC PROCESS FOR TREATING AQUEOUS WASTE STREAMS**
[54] **PROCEDE ELECTROLYTIQUE DE TRAITEMENT DE FLUX DE DECHETS AQUEUX**
[72] MORAN, STEPHEN W., US
[72] JACKSON, JOHN R., US
[71] HURON TECH CORP., US
[85] 2000-06-30
[86] 1998-12-17 (PCT/US98/27050)
[87] 1999-07-15 (WO99/34895)
[30] US (60/071,088) 1998-01-09
[30] US (09/088,195) 1998-06-01

[21] **2,316,926**
[13] A1
[51] **Int.Cl. 6C01B 31/04**
[25] EN
[54] **ALKALINE CELL HAVING A CATHODE INCORPORATING EXPANDED GRAPHITE**
[54] **PILE ALCALINE A CATHODE RENFERMANT DU GRAPHITE EXPANSE**
[72] NARDI, JOHN C., US
[71] EVEREADY BATTERY COMPANY, INC., US
[85] 2000-07-04
[86] 1999-01-06 (PCT/US99/00270)
[87] 1999-07-15 (WO99/34673)
[30] US (60/072,269) 1998-01-07
[30] US (09/213,544) 1998-12-17

[21] **2,317,019**
[13] A1
[51] **Int.Cl. 6A61K 9/16 6A61K 9/50**
[25] EN
[54] **MAGNETICALLY RESPONSIVE COMPOSITION**
[54] **COMPOSITION A REPONSE MAGNETIQUE**
[72] KENT, THOMAS B., US
[72] VOLKONSKY, VIKTOR A., RU
[72] DYUKHSHERSTNOV, SERGEI D., RU
[72] CHERNYAKOV, SERGEI V., RU
[72] ALLEN, LARRY M., US
[71] FERX INCORPORATED, US
[85] 2000-06-27
[86] 1999-01-06 (PCT/US99/00243)
[87] 1999-07-15 (WO99/34779)
[30] US (09/003,286) 1998-01-06

[21] **2,317,021**
[13] A1
[51] **Int.Cl. 6A61K 9/00 6A61K 9/20 6A61K 47/48**
[25] EN
[54] **TABLET COMPOSITION**
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[72] LUHADIYA, ASHOK PREMCHAND, IN
[72] D'SOUZA, STANISLAUS VALERAIN, IN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-06-27
[86] 1997-12-29 (PCT/US97/24122)
[87] 1999-07-08 (WO99/33445)

[21] **2,317,028**
[13] A1
[51] **Int.Cl. 7C12N 9/10 7C12P 41/00**
[25] EN
[54] **(S)-.ALPHA.-PHENETHYLAMINE : PYRUVATE TRANSAMINASE**
[54] **(S)-.ALPHA.-PHENETHYLAMINE : TRANSAMINASE DE PYRUVATE**
[72] HASEGAWA, JUNZO, JP
[72] YASOHARA, YOSHIHIKO, JP
[72] YAMADA, YUKIO, JP
[72] IWASAKI, AKIRA, JP
[72] IKENAKA, YASUHIRO, JP
[71] KANEKA CORPORATION, JP
[85] 2000-06-29
[86] 1999-10-29 (PCT/JP99/05997)
[87] 2000-05-11 (WO00/26351)
[30] JP (10/309310) 1998-10-30

[21] **2,317,029**
[13] A1
[51] **Int.Cl. 6C12N 15/10 6A61K 39/00 6C07K 7/08 6C07K 16/12**
[25] EN
[54] **A METHOD OF ISOLATING A PEPTIDE WHICH IMMUNOLOGICALLY MIMICS MICROBIAL CARBOHYDRATES INCLUDING GROUP B STREPTOCOCCAL CARBOHYDRATES AND THE USE THEREOF IN A VACCINE**
[54] **TECHNIQUE PERMETTANT D'ISOLER UN PEPTIDE IMUNOLOGIQUEMENT MIMETIQUE DE GLUCIDES MICROBIENS, ET NOTAMMENT DES GLUCIDES DES STREPTOCOQUES DU GROUPE B, ET UTILISATION DUDIT PEPTIDE DANS UN VACCIN**
[72] PINCUS, SETH H., US
[71] PINCUS, SETH H., US
[85] 2000-06-29
[86] 1998-12-30 (PCT/US98/27931)
[87] 1999-07-08 (WO99/33969)
[30] US (60/070,118) 1997-12-31

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[21] **2,314,152**

[13] A1

[51] **Int.Cl. 7H04M 3/487 7H04M 1/80**
[25] EN
[54] **AUTOMATED VOICE SYSTEM FOR IMPROVING AGENT EFFICIENCY AND IMPROVING SERVICE TO PARTIES ON HOLD**
[54] **SYSTEME TELEPHONIQUE AUTOMATISE AMELIORANT LE RENDEMENT DE L'OPERATEUR ET LE SERVICE AUX APPELANTS MIS EN ATTENTE**
[72] SZLAM, ALEKSANDER, US
[72] WARNER, CHARLES L., II, US
[71] INVENTIONS, INC., US
[22] 1992-05-14
[43] 1992-11-21
[62] 2,068,681
[30] US (703,158) 1991-05-20

[21] **2,315,934**

[13] A1

[51] **Int.Cl. 7G01R 11/04 7G01R 11/32**
[25] EN
[54] **A METAL RING FOR JOINING A CUP-SHAPED TRANSPARENT COVER TO A BASE OF A WATT HOUR METER**
[54] **ANNEAU EN METAL POUR UNIR UN COUVERCLE TRANSPARENT EN FORME D'ENTONNOIR A UNE BASE D'UN COMPTEUR DE CONSOMMATION D'ENERGIE ELECTRIQUE**
[72] HARTMAN, MARINUS, CA
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 1992-03-20
[43] 1993-09-21
[62] 2,063,618

[21] **2,315,936**

[13] A1

[51] **Int.Cl. 7G01R 11/04 7G01R 11/36**
[25] EN
[54] **ELECTRICAL UTILITY REVENUE METER**
[54] **COMPTEUR DE CONSOMMATION D'ENERGIE ELECTRIQUE AUX FINS DE CONSOMMATION**
[72] HARTMAN, MARINUS, CA
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 1992-03-20
[43] 1993-09-21
[62] 2,063,618

[21] **2,316,091**

[13] A1

[51] **Int.Cl. 7B65H 23/08**
[25] EN
[54] **METHOD OF ADJUSTING TENSION APPLIED TO SHEET, AND DEVICE FOR THE SAME**
[54] **METHODE DE REGLAGE DE LA TENSION APPLIQUEE A UNE FEUILLE, ET DISPOSITIF DE REALISATION**
[72] AMANO, HIROKAZU, JP
[72] ETOU, NAOMICHI, JP
[72] YASUNAGA, ITSUO, JP
[72] NOSE, HIROSHI, JP
[72] YUYAMA, SHOJI, JP
[71] KABUSHIKI KAISHA YUYAMA SEISAKUSHO, JP
[22] 1997-08-29
[43] 1998-03-20
[62] 2,214,597
[30] JP (8-250492) 1996-09-20

[21] **2,316,138**

[13] A1

[51] **Int.Cl. 7G07D 7/00 7G07D 9/06 7G07D 7/12**
[25] EN
[54] **METHOD AND APPARATUS FOR CURRENCY DISCRIMINATION**
[54] **METHODE ET MATERIEL POUR DISCRIMINER ENTRE BILLETS DE BANQUE**
[72] RATERMAN, DONALD E., US
[72] STROMME, LARS R., US
[72] CSULITS, FRANK M., US
[72] BAUCH, AARON M., US
[72] JONES, WILLIAM J., US
[72] MENNIE, DOUGLAS U., US
[72] JONES, JOHN E., US
[72] GRAVES, BRADFORD T., US
[72] MUNRO, MARK C., US
[72] SCHREITER, HEINZ W., US
[72] MAZUR, RICHARD A., US
[71] CUMMINS-ALLISON CORP., US
[22] 1995-03-08
[43] 1995-09-14
[62] 2,184,807
[30] US (08/207,592) 1994-03-08
[30] US (08/219,093) 1994-03-29
[30] US (08/226,660) 1994-04-12
[30] US (08/243,807) 1994-05-16
[30] US (08/287,882) 1994-08-09
[30] US (08/317,349) 1994-10-04
[30] US (08/340,031) 1994-11-14
[30] US (08/362,848) 1994-12-22
[30] US (08/394,752) 1995-02-27
[30] US (08/399,854) 1995-03-07

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[21] **2,316,140**

[13] A1

[51] **Int.Cl. 7B65H 23/08 7B65B 47/02**

7B65B 43/04

[25] EN

[54] **METHOD OF ADJUSTING TENSION APPLIED TO SHEET, AND DEVICE FOR THE SAME**

[54] **METHODE DE REGLAGE DE LA TENSION APPLIQUEE A UNE FEUILLE, ET DISPOSITIF DE REALISATION**

[72] YASUNAGA, ITSUO, JP

[72] NOSE, HIROSHI, JP

[72] AMANO, HIROKAZU, JP

[72] ETOU, NAOMICHI, JP

[72] YUYAMA, SHOJI, JP

[71] KABUSHIKI KAISHA YUYAMA

SEISAKUSHO, JP

[22] 1997-08-29

[43] 1998-03-20

[62] 2,214,597

[30] JP (8-250492) 1996-09-20

[21] **2,316,159**

[13] A1

[51] **Int.Cl. 7A61K 38/09 7B01J 13/02**

7A61K 9/50

[25] EN

[54] **PROLONGED RELEASE**

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[54] **MICROCAPSULES A LIBERATION LENTE**

[72] OGAWA, YASUAKI, JP

[72] INOUE, YAYOI, JP

[72] OKADA, HIROAKI, JP

[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP

[22] 1991-02-11

[43] 1991-08-14

[62] 2,036,089

[30] JP (033133-1990) 1990-02-13

[21] **2,316,454**

[13] A1

[51] **Int.Cl. 7B32B 27/20 7B32B 27/08**

[25] EN

[54] **STRIPED FILM AND APPARATUS AND METHOD**

[54] **PELLICULE A BANDES, MACHINE ET METHODE DE FABRICATION**

[72] HAVENS, MARVIN R., US

[71] CRYOVAC, INC., US

[22] 1991-08-27

[43] 1992-03-08

[62] 2,050,026

[30] US (579,009) 1990-09-07

[21] **2,316,525**

[13] A1

[51] **Int.Cl. 7G02B 6/34**

[25] EN

[54] **OPTICAL WAVEGUIDE GRATING AND PRODUCTION METHOD THEREFOR**

[54] **RESEAU DE GUIDE D'ONDE OPTIQUE ET METHODE POUR EN PRODUIRE**

[72] SUDOH, MASAOKI, JP

[72] SAKAI, TETSUYA, JP

[72] IENAKA, TAKUYA, JP

[72] HIMENO, KUNIHARU, JP

[72] OKUDE, SATOSHI, JP

[72] WADA, AKIRA, JP

[72] SHIMA, KENSUKE, JP

[72] NAKAI, MICHIIHIRO, JP

[72] HIDAKA, HIROSHI, JP

[72] YAMAUCHI, RYOZO, JP

[71] FUJIKURA LTD., JP

[22] 1997-03-27

[43] 1997-10-05

[62] 2,201,193

[30] JP (8-084113) 1996-04-05

[30] JP (8-139260) 1996-05-31

[30] JP (8-144639) 1996-06-06

[21] **2,316,530**

[13] A1

[51] **Int.Cl. 7G02B 6/34**

[25] EN

[54] **OPTICAL WAVEGUIDE GRATING AND PRODUCTION METHOD THEREFOR**

[54] **RESEAU DE GUIDE D'ONDE OPTIQUE ET METHODE POUR EN PRODUIRE**

[72] SHIMA, KENSUKE, JP

[72] NAKAI, MICHIIHIRO, JP

[72] HIDAKA, HIROSHI, JP

[72] OKUDE, SATOSHI, JP

[72] WADA, AKIRA, JP

[72] SUDOH, MASAOKI, JP

[72] IENAKA, TAKUYA, JP

[72] YAMAUCHI, RYOZO, JP

[72] HIMENO, KUNIHARU, JP

[72] SAKAI, TETSUYA, JP

[71] FUJIKURA LTD., JP

[22] 1997-03-27

[43] 1997-10-05

[62] 2,201,193

[30] JP (8-084113) 1996-04-05

[30] JP (8-139260) 1996-05-31

[30] JP (8-144639) 1996-06-06

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COOPER INDUSTRIES, INC.	2,300,670	DUNSBERGEN, KIRK M.	2,298,136	FIEDZIUSZKO, SLAWOMIR J.	2,286,997

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FILION, François	2,267,640	GORCEA, DAN	2,302,124	HAFT AUF AKTIEN	2,302,141
FILION, FRANÇOIS	2,302,119	GOSSELIN, Randall	2,267,025	HENKEL	
FINCK, Bernard	2,267,512	GOUMENT, BERTRAND	2,301,787	KOMMANDITGESELLSC	
FINEGOLD, DAVID N.	2,283,470	GOWAN, WALTER G., JR.	2,303,570	HAFT AUF AKTIEN	2,303,578
FINN, LYLE DAVID	2,298,390	GRACO CHILDREN'S		HENKEL	
FONG, LIANA LIYOW	2,298,404	PRODUCTS INC.	2,302,094	KOMMANDITGESELLSC	
FONTAINE, Henri	2,264,980	GRAM, JAMES E.	2,302,104	HAFT AUF AKTIEN	2,303,588
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FORSYTH, RAYMOND	2,286,949	GRANT-ACQUAH, FRANK C.	2,300,609	KOMMANDITGESELLSC	
FORTIER, Sylvain	2,264,357	GRAY-DONALD, Trent	2,267,477	HAFT AUF AKTIEN	2,303,638
FOSER, HANS PETER	2,299,009	GREGOR, DAVID WALTER	2,297,242	HENKEL	
FOSTER, RAYMOND KEITH	2,300,825	GREGORIO, PEDRO	2,303,629	KOMMANDITGESELLSC	
FOUCAULT, PIERRE-LOUIS	2,303,047	GROCHAL, PETER	2,302,932	HAFT AUF AKTIEN	2,304,311
FOULDS, JUDE REYNOLD	2,300,601	GROETZBACH, MICHAEL	2,300,741	HENKEL	
FOURNIER, JACQUES	2,304,402	GROLL, WERNER	2,302,918	KOMMANDITGESELLSC	
FRAMATOME CONNECTORS		GROSSMAN, GARY	2,302,005	HAFT AUF AKTIEN	2,304,316
INTERNATIONAL	2,300,838	GROTE INDUSTRIES, INC.	2,300,107	HERRMANN, BOB	2,302,659
FRAMATOME CONNECTORS		GROTE INDUSTRIES, INC.	2,300,549	HIBNER, JOHN A.	2,302,883
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FRANÇOIS, PHILIPPE	2,301,246	GUARDIAN INDUSTRIES		HIDETOSHI, ODAKA	2,302,653
FREY, BRADLY GEORGE	2,298,780	CORP.	2,302,560	HIGUCHI, AKITO	2,303,503
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FRIEDRICH, JAROMIR	2,304,324	GUILLAUMET, GERALD	2,301,990	HILLS, Michael H.	2,267,875
FUGIMOTO, SHINICHI	2,300,283	GUNN, DONALD JAMES	2,300,670	HIRAYAMA, SHIGERU	2,302,899
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FUJI DIE CO., LTD.	2,285,778	GUTHRIE, GUY LYNN	2,298,780	HOFMANN, JORG	2,302,984
FUJIKIKO KABUSHIKI		H. FONTAINE LTÉE	2,264,980	HOLAND, WOLFRAM	2,299,009
KAISHA	2,302,088	H.H. BROWN SHOE		HOLDERBAUM, THOMAS	2,303,578
FUJIKURA LTD.	2,301,421	COMPANY, INC.	2,301,465	HOLDERBAUM, THOMAS	2,303,588
FUJIMOTO, KATSUMI	2,301,778	HA, SIMON	2,268,204	HOLMES, MICHAEL J.	2,303,586
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FUKUNAGA, ATSUSHI	2,302,869	HAERER, JUERGEN	2,303,588	HONDA GIKEN KOGYO	
FUKUSHIMA, ARITOSHI	2,302,933	HAGEMEISTER, BRUNHILDE	2,301,472	KABUSHIKI KAISHA	2,302,458
FURUOKA, SHINGO	2,302,725	HALE, David John	2,266,916	HONDA, Atsuhito	2,266,825
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GAMBINO, JAMES	2,298,236	HARDIN, RONALD H.	2,300,499	HORST, Folkert	2,266,998
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GASSENMEIER, THOMAS	2,303,578	HASHIGUCHI, OSAMU	2,302,928	HOWARD, PAUL RICHARD	2,301,485
GATTO, VINCENT JAMES	2,299,229	HASHIGUCHI, OSAMU	2,302,929	HOYA CORPORATION	2,302,924
GAUSS, JANE S.	2,290,305	HATAMI-HANZA, HAMID	2,302,920	HUANG, Chien-Tsai	2,267,031
GAZ DE FRANCE	2,302,848	HAUBENNESTEL,		HUANG, Fu-Chuan	2,267,031
GEMTRON CORPORATION	2,302,659	KARLHEINZ	2,301,373	HUANG, YUN-WU	2,300,562
GENERAL INSTRUMENT		HAYASHI, DAVID	2,301,489	HUESTIS, SUSAN P.	2,302,632
CORPORATION	2,302,084	HAYES, EUGENE GARY	2,284,297	HUFFY CORPORATION	2,302,005
GENZ, ANDREAS	2,301,471	HAYES, EUGENE GARY	2,285,381	HUMPHREYS, HARRY N.	2,299,201
GERMANN, TIENO	2,302,886	HAYES, EUGENE GARY	2,287,724	HUNG, Anthony	2,267,021
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GIANNUZZI, RALPH	2,302,186	HAYWARD, VINCENT	2,303,629	HUSAIN, Zaki D.	2,272,269
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GOEBERT, BARRY JOSEPH	2,287,724	LICENSING LTD. OY	2,283,470	IGAUE, TAKAMITSU	2,300,799
GOEBERT, BARRY JOSEPH	2,288,574			IJIMA, MOTOKO	2,302,924
GOEBERT, BARRY JOSEPH	2,288,576			IINO, TOSHIAKI	2,285,778

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ILLINOIS TOOL WORKS INC.	2,296,874	ITOH, TAKANOBU	2,302,924	KAWAKAMI, AKIRA	2,301,335
ILLINOIS TOOL WORKS INC.	2,296,875	IVOCLAR AG	2,298,993	KAWAKAMI, AKIRA	2,301,354
ILLINOIS TOOL WORKS INC.	2,296,890	IVOCLAR AG	2,299,009	KAWAKUBO, FUMIO	2,302,869
ILLINOIS TOOL WORKS INC.	2,297,858	IWAKIRI, HIROSHI	2,302,653	KAWANISHI, NORIYUKI	2,301,421
ILLINOIS TOOL WORKS INC.	2,300,554	IWAKIRI, HIROSHI	2,302,934	KAWANO, Masaki	2,266,825
IMAI, SHIGEO	2,301,488	JACOBSEN, Per W.	2,267,706	KAWASAKI STEEL	
IMAX CORPORATION	2,267,674	JAGER LEZER, NATHALIE	2,301,817	CORPORATION	2,266,825
INOMOTO, YASUMASA	2,303,019	JAGER, ANDREAS	2,302,096	KAWASAKI STEEL	
INOUE, ATSUSHI	2,303,001	JAGER, CHRISTIAN	2,302,096	CORPORATION	2,287,632
INOUE, KENJI	2,302,988	JAGER, CLAUDIUS	2,302,096	KAWASAKI STEEL	
INOUE, KOICHI	2,301,421	JAGER, SEBASTIAN	2,302,096	CORPORATION	2,302,658
INSTITUT FRANCAIS DU		JAKAB, GYULA	2,302,124	KELLEY, RODNEY M.	2,300,107
PETROLE	2,301,985	JANG, JAE-HYUNG	2,292,727	KEMP, William Harry	2,267,035
INSTITUT FRANCAIS DU		JANOSKA, Mark	2,267,021	KEOGH, MICHAEL JOHN	2,303,552
PETROLE	2,302,848	JANOSKA, MARK	2,302,129	KEOGH, MICHAEL JOHN	2,303,580
INSTITUT FRANCAIS DU		JAPAN AS REPRESENTED BY		KEOGH, MICHAEL JOHN	2,303,599
PETROLE	2,302,851	DIRECTOR GENERAL OF		KEOGH, MICHAEL JOHN	2,303,600
INTERNATIONAL BUSINESS		HOKKAIDO NATIONAL		KERWIN, PAUL	2,301,984
MACHINES		AGRICULTUR	2,301,335	KHENNACHE, OMAR	2,302,119
CORPORATION	2,290,289	JAPAN AS REPRESENTED BY		KIHARA, TERUAKI	2,300,283
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MACHINES		HOKKAIDO NATIONAL		KILLER, ERIC	2,302,983
CORPORATION	2,292,040	AGRICULTUR	2,301,354	KIM, Hun S.	2,266,994
INTERNATIONAL BUSINESS		JAPAN AVIATION		KIMURA, ASA	2,303,502
MACHINES		ELECTRONICS		KIRKPATRICK, CHAD A.	2,300,746
CORPORATION	2,297,647	INDUSTRY, LIMITED	2,302,928	KISS, BILL	2,302,922
INTERNATIONAL BUSINESS		JAPAN AVIATION		KIZER, LAURA E.	2,302,182
MACHINES		ELECTRONICS		KLUKOWSKI, HORST	2,302,912
CORPORATION	2,298,404	INDUSTRY, LIMITED	2,302,929	KOBAYASHI, HISASHI	2,302,143
INTERNATIONAL BUSINESS		JASZENOVIKS, AGNES	2,302,632	KOEHLER, JAY F.	2,300,107
MACHINES		JENNINGS, NICHOLAS		KOEHLER, OTTO	2,301,982
CORPORATION	2,298,437	ROBERT	2,303,468	KOESKE, PAUL P.	2,302,974
INTERNATIONAL BUSINESS		JEROME, WILLIAM FRANCIS	2,298,404	KONDOU, MASAKI	2,302,967
MACHINES		JESCHKE, PETER	2,302,141	KOOPS, ROGER L.	2,291,946
CORPORATION	2,298,780	JEWETT, CHARLES WILLIAM		KOOPS, ROGER L.	2,302,390
INTERNATIONAL BUSINESS			2,300,601	KOSONEN, Ilmari	2,267,036
MACHINES		JOHARI, GIRISH CHANDRA	2,298,796	KOU, Weidong	2,267,395
CORPORATION	2,298,783	JOHNSON & JOHNSON INC.	2,266,965	KOYAMA, TADASHI	2,301,343
INTERNATIONAL BUSINESS		JOHNSON, Graeme	2,267,477	KOYAMA, YOSHINARI	2,302,924
MACHINES		JOUBERT, SAMUEL	2,300,838	KRAFT FOODS, INC.	2,301,381
CORPORATION	2,298,796	JUBINVILLE, Giselle	2,267,455	KRAFT FOODS, INC.	2,301,489
INTERNATIONAL BUSINESS		JUBINVILLE, Leonard Arthur	2,267,455	KREMER, EGBERT	2,302,918
MACHINES		JUNG, Eung gyu	2,266,926	KREMER, LAWRENCE N.	2,303,564
CORPORATION	2,299,039	JYONO, HIDEHARU	2,302,653	KRESSMANN, STEPHANE	2,301,985
INTERNATIONAL BUSINESS		JYONO, HIDEHARU	2,302,934	KRISHNAKUMAR, SRIRAMA	
MACHINES		KABUSHIKI KAISHA		MANDYAM	2,298,404
CORPORATION	2,299,547	TOSHIBA	2,302,996	KRISTIANSEN, KEITH	2,302,005
INTERNATIONAL BUSINESS		KABUSHIKI KAISHA		KROON, PETER	2,300,495
MACHINES		TOSHIBA	2,303,001	KUGELMANN, HEINRICH	2,302,886
CORPORATION	2,299,550	KAJI, TAKAYUKI	2,302,658	KUHN, PETER	2,302,118
INTERNATIONAL BUSINESS		KAKUTANI, TOSHIAKI	2,302,122	KUMAI, KOICHI	2,302,899
MACHINES		KALLSTROM, ERVIN C.	2,309,784	KUMAKI, YOSHINARI	2,303,001
CORPORATION	2,300,562	KAMAGATA, EIJI	2,303,001	KUO, CHENG	2,299,229
INTERNATIONAL FLAVORS		KAMIYAMANE, SHIN	2,302,928	KURIKI, MIDORI	2,301,354
& FRAGRANCES INC.	2,302,182	KAMIYAMANE, SHIN	2,302,929	KURKJIAN, ANDREW L.	2,299,835
INTEVEP, S.A.	2,300,608	KANAI, TATSUNORI	2,302,996	KURSHAN, ROBERT PAUL	2,300,499
IRISH, KENNETH G.	2,300,554	KANARIS, Alexander D.	2,267,737	KURTH, OLIVER	2,303,578
ISHIDA, HISASHI	2,302,928	KANEKA CORPORATION	2,302,653	KURTH, OLIVER	2,303,588
ISHII, MASAYUKI	2,285,778	KANEKA CORPORATION	2,302,869	KURTZ, STEVEN MICHAEL	2,300,601
ISHINO, ATSUSHI	2,302,988	KANEKA CORPORATION	2,302,934	KVP FALCON PLASTIC	
ISOLYSER COMPANY, INC.	2,304,322	KARAKI-DOY, TOSHIROH	2,285,778	BELTING, INC.	2,271,711
ISOM, LOWELL LEE	2,301,381	KARKKAINEN, MARIKA	2,283,470	L-3 COMMUNICATIONS	
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ITO, HIROSHI	2,302,653	KASAI, YOSHIYUKI	2,303,503	LABA, DENNIS	2,298,236
ITO, HIROSHI	2,302,934	KATO, NORIYASU	2,303,001	LACH, JORGE E.	2,301,477

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LAFRENZ, MICHAEL D.	2,298,136	LUCENT TECHNOLOGIES		SYSTEMS, INC.	2,283,062
LAI, Jung-Hua	2,265,020	INC.	2,296,921	MATSUSHITA GRAPHIC	
LAIL, JASON C.	2,303,023	LUCENT TECHNOLOGIES		COMMUNICATION	
LALLIER, JEAN-PIERRE	2,301,983	INC.	2,296,941	SYSTEMS, INC.	2,283,065
LANDA, KSENIA		LUCENT TECHNOLOGIES		MATSUSHITA GRAPHIC	
ALEXANDER	2,302,560	INC.	2,299,903	COMMUNICATION	
LANDA, LEONID MENDEL	2,302,560	LUCENT TECHNOLOGIES		SYSTEMS, INC.	2,283,067
LANGEL, LUANN E.	2,298,228	INC.	2,300,353	MAYTAG CORPORATION	2,298,136
LANGEN PACKAGING INC.	2,300,760	LUCENT TECHNOLOGIES		MAYTAG CORPORATION	2,298,228
LASSERRE, PIERRE-ANDRE	2,300,595	INC.	2,300,394	MAYTAG CORPORATION	2,298,230
LATKOW, GARY G.	2,302,623	LUCENT TECHNOLOGIES		MAZUR, PHILIPPE	2,309,896
LAWREN, GREGORY	2,302,186	INC.	2,300,495	MCALPINE, WARREN W.	2,301,410
LEBERT, Berthold Martin	2,267,549	LUCENT TECHNOLOGIES		MCCARTHY, KEVIN C.	2,302,390
LECOUR, PIERRE	2,302,406	INC.	2,300,499	McCLEAN, John	2,267,871
LEE, BAOSHENG	2,304,322	LUCENT TECHNOLOGIES		MCCLURE, KIM FRANCIS	2,303,498
LEE, Chun-Ping	2,265,012	INC.	2,300,575	MCCREDIE, PAUL JOHN	2,296,258
LEE, Denny	2,267,429	LUCENT TECHNOLOGIES		MCDERMOTT	
LEE, LAWRENCE H.	2,302,646	INC.	2,300,576	TECHNOLOGY, INC.	2,285,162
LEFOULON, FRANCOIS	2,301,990	LUCENT TECHNOLOGIES		MCDERMOTT	
LEFUMEUX, Alain	2,267,512	INC.	2,300,579	TECHNOLOGY, INC.	2,302,655
LEGARE, PHILIPPE	2,300,838	LUCENT TECHNOLOGIES		MCDERMOTT	
LEHNER, RICHARD		INC.	2,300,587	TECHNOLOGY, INC.	2,303,586
SHELTON	2,302,965	LUCENT TECHNOLOGIES		MCGRATH, PHILIP E.	2,298,036
LEITLOFF, VOLKER	2,304,398	INC.	2,302,608	MCGUIRE, John Dennis	2,267,394
LEMAIRE, Raymond	2,267,608	LUDWIG INSTITUTE FOR		MCGUIRE, John Dennis	2,267,399
LEMAIRE, RAYMOND	2,304,324	CANCER RESEARCH	2,283,470	MCGUIRE, JOHN DENNIS	2,282,036
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Alejandro	2,266,969	GMBH	2,264,261	MCNEIL-PPC, INC.	2,303,570
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LESIEUR, DANIEL	2,301,990	LYNAM, NIALL R.	2,302,390	MCTEIGUE, DANIEL	2,303,570
LESKINEN, KARI	2,282,778	MACKENZIE, I. Scott	2,267,438	MEDICAL CONCEPTS	
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CO., INC.	2,302,186	MADDEN, DEBORAH A.	2,303,586	MEHNERT, DAVID WEBB	2,301,381
LEWIS, Gregory J.	2,266,969	MADDEN, JAMES DANIEL	2,303,495	MEIER-HELLSTERN,	
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LIBBY, KELLY	2,302,196	MAEDA, AKIRA	2,302,086	MELBOURNE, ANGUS J.	2,299,835
LIETZMANN, ANDREAS	2,303,638	MAEDA, TOSHIHIKO	2,302,929	MERCK PATENT GMBH	2,299,852
LIETZMANN, ANDREAS	2,304,316	MAGER, THEODOR	2,302,615	MERHAZION, ABRAHAM	2,302,888
LINES, VALERIE	2,266,062	MAHE, Bernard	2,267,512	MESSIER, Pierre Jean	2,267,511
LINXWEILER, WINFRIED	2,299,852	MAHONEY, DANIEL O., II	2,301,999	MEYER, CHARLES	2,296,874
LITA, CHRISTIAN	2,299,039	MAHONEY, DANIEL O., II	2,302,000	MEYER, RICHARD C.	2,291,893
LITWIN, MICHAEL MARK	2,302,380	MAHONEY, DANIEL O., II	2,302,001	MEYNIER, PATRICK	2,302,848
LIU, CHANG-JUN	2,302,983	MANDULEY, DEBRA	2,302,781	M-I L.L.C.	2,301,485
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LOHMANN, SABINE	2,302,881	MARCH, SCOTT P.	2,303,625	MIKI, KAZUSHI	2,303,473
LONG, J. WAYNE	2,302,892	MARCHESE, DAVID LEWIS	2,284,297	MILAZZO, PHILIPPE	2,277,012
LONG, TIMOTHY L.	2,299,835	MARCHESE, DAVID LEWIS	2,285,381	MILLAN, MARK	2,301,787
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VINCENT	2,302,560	MARCHESE, DAVID LEWIS	2,288,574	LTD.	2,302,922
LOPIN, Pavel I.	2,267,042	MARCHESE, DAVID LEWIS	2,288,576	MILLER, RONALD L.	2,302,956
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L'ORÉAL	2,301,817	MARCHIONNI, CHRISTIAN	2,299,674	MILLMAN, JEFFREY C.	2,300,375
L'ORÉAL	2,301,916	MARCOTTE, SCOTT T.	2,292,040	MINATO, TAKAO	2,302,899
L'OREAL	2,300,595	MARTIN, CLIFFORD G.	2,302,186	MITEL CORPORATION	2,293,911
L'OREAL	2,301,250	MARTIN, TROY	2,302,968	MITSUBISHI DENKI	
L'OREAL	2,301,251	MASAOKA, YOSHITERU	2,302,869	KABUSHIKI KAISHA	2,281,856
L'OREAL	2,301,989	MASGHATI, MOHAMMAD	2,296,890	MITSUBISHI HEAVY	
LORINCZ, THOMAS A.	2,302,719	MATAGA, PETER ANDREW	2,300,587	INDUSTRIES, LTD.	2,300,283
LORUNSER, JOHANNES	2,299,009	MATERN, GERALD J.	2,301,933	mitsui chemicals, inc.	2,303,563
LOU, HUI-LING	2,300,579	MATILAINEN, LEENA	2,282,778	MITSUI CHEMICALS, INC.	2,303,590
LOVEN, JAMES F.	2,300,249	MATRIX AG INC.	2,266,844	MIYASHITA, ATSUO	2,302,933
LOW, Andrew	2,267,477	MATSUDA, KEIJI	2,287,632	MIZUNO, MASAKI	2,302,967
LOWERY, TIMOTHY	2,302,781	MATSUDA, SHOTARO	2,303,563	MIZUSAWA, YOSHIRNORI	2,302,929

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MONTANARI, THIBAUT	2,301,777	NITSCH, CHRISTIAN	2,303,588	OSTIGUY, CLAUDE	2,282,778
MOORE NORTH AMERICA, INC.	2,291,893	NITSCH, CHRISTIAN	2,303,638	OTTLYK, Nicholas M.	2,267,882
MOORE, LINWARD A.	2,299,835	NITSCH, CHRISTIAN	2,304,316	OYAMA, TOKITAKA	2,301,257
MOREAU, Pierre A.	2,266,844	NOLAN, PAUL S.	2,302,655	OZAKI, Yoshihiro	2,266,825
MOREL, FREDERIC	2,301,985	NORRIS, TIMOTHY	2,302,965	PADGET, DAVID B.	2,302,717
MORGAN ADHESIVES COMPANY	2,302,957	NORTEL NETWORKS CORPORATION	2,299,794	PAGANI, GIORGIO	2,300,720
MORITA, KAZUHISA	2,302,933	NORTEL NETWORKS CORPORATION	2,301,998	PAGGINI, ALBERTO	2,301,972
MOSAID TECHNOLOGIES INCORPORATED	2,266,062	NORTEL NETWORKS CORPORATION	2,301,999	PAMER, W. RICHARD	2,286,946
MOULIK, PRADIPTA N.	2,302,974	NORTEL NETWORKS CORPORATION	2,302,000	PANAR, David	2,267,874
MUELLER, MARK WAYNE	2,298,796	NORTEL NETWORKS CORPORATION	2,302,001	PARISI, JOSEPH P.	2,302,719
MUELLER, Patrick James	2,267,477	NORTEL NETWORKS CORPORATION	2,302,003	PARKER, REBECCA L.	2,291,893
MUELLER, Patrick James	2,267,539	NORTEL NETWORKS CORPORATION	2,302,003	PARRIS, DONALD R.	2,303,023
MULLER, VOLKHARD	2,300,607	NORTEL NETWORKS CORPORATION	2,302,124	PASS & SEYMOUR, INC.	2,296,952
MURAKAMI, MASANORI	2,300,592	NORTEL NETWORKS CORPORATION	2,302,131	PATEL, PRASHANT	2,300,853
MURATA, TAKAAKI	2,302,107	NORTEL NETWORKS CORPORATION	2,302,960	PATENT-TREUHAND- GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH	2,300,741
MURCH, Susan J.	2,267,012	NORTEL NETWORKS CORPORATION	2,302,990	PATENT-TREUHAND- GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH	2,301,471
MURO CORPORATION	2,301,379	NORTEL NETWORKS CORPORATION	2,303,468	PAVLIK, Patrick C.	2,267,042
MURO, GIICHIRO	2,301,379	NORTHFIELD METAL PRODUCTS LTD.	2,301,933	PAYE, STEPHANE	2,301,246
NAEGELE, CHARLES	2,300,249	NOW SEE HEAR INTERACTIVE INC.	2,267,438	PAYNE, Brian	2,266,954
NAGASE, SATORU	2,302,929	NP INDUSTRIES INC.	2,267,677	PEGLION, JEAN-LOUIS	2,301,787
NAIK, VIJAY KRISHNARAO	2,298,404	NP INDUSTRIES INC.	2,267,712	PEICKERT, ANDREAS	2,302,974
NAKAMA, KENICHI	2,301,343	NU-WAVE PHOTONICS INC.	2,302,920	PENNAZ, THOMAS J.	2,302,957
NAKAMURA, SHINYA	2,299,974	NYKOLAK, GERALD	2,300,353	PENNINCKX, DENIS	2,299,635
NAPOLITANO, Amedeo	2,266,969	OBJECT TECHNOLOGY INTERNATIONAL INC.	2,267,477	PERNET, MICHEL	2,301,348
NASSAEUR, MICHAEL	2,304,398	OBJECT TECHNOLOGY INTERNATIONAL INC.	2,267,484	PEROZZI, EDMUND F.	2,299,229
NAUE FASERTECHNIK GMBH & CO. KG	2,300,607	OBJECT TECHNOLOGY INTERNATIONAL INC.	2,267,539	PERSHING, JOHN ARTHUR JR.	2,298,404
NAUTH, K. RAJINDER	2,301,489	OBJECT TECHNOLOGY INTERNATIONAL INC.	2,267,549	PETITO, George D.	2,266,811
NEATHWAY, GRAHAM	2,302,922	OCEAN CONSTRUCTION SUPPLIES LIMITED	2,267,582	PETTY, NORMAN W.	2,300,394
NEBEL, JOSEPH	2,302,781	ODAKA, HIDETOSHI	2,302,934	PFAUDLER, INC.	2,298,036
NEC CORPORATION	2,299,974	ODE, MASAYUKI	2,302,899	PFIRRMANN, ROLF W.	2,302,720
NEC CORPORATION	2,302,928	O'DONNELL, Patrick	2,267,883	PFIZER PRODUCTS INC.	2,302,727
NEC CORPORATION	2,302,929	OHMORI, HITOSHI	2,285,778	PFIZER PRODUCTS INC.	2,302,965
NEC CORPORATION	2,303,019	OHTANI, SATORU	2,303,563	PFIZER PRODUCTS INC.	2,303,498
NEC CORPORATION	2,303,451	OHWA, MASAKI	2,302,875	PGI INTERNATIONAL, LTD.	2,302,804
NEELY, JAMES WATSON	2,300,682	OHYA, MASAKIYO	2,302,088	PHILLIPS, VICTOR	2,302,968
NEILL, PAUL HOWARD	2,300,491	OKADA, KIYOTAKA	2,301,257	PICHÉ, GREGORY M.	2,302,632
NELSON, THOMAS J.	2,295,415	OKANO, TOSHIHIRO	2,303,563	PIGUE, Paul	2,272,269
NESTE CHEMICALS OY	2,282,778	OLSCHEWSKI, ANDREAS	2,302,615	PINTSOV, LEON A.	2,303,542
NEUROSTREAM TECHNOLOGIES, INC.	2,266,999	OLSON, DAVID L.	2,302,538	PITNEY BOWES INC.	2,303,450
NEUSER, BERND	2,300,675	O'NEAL, CHARLES P.	2,300,549	PITNEY BOWES INC.	2,303,475
NEWBRIDGE NETWORKS CORPORATION	2,267,021	ONGARO, Alessandro Antonio	2,267,458	PITNEY BOWES INC.	2,303,542
NEWBRIDGE NETWORKS CORPORATION	2,267,429	ONGARO, Paolo Giacomo	2,267,458	PLUMMER, MIKE	2,302,633
NEWBRIDGE NETWORKS CORPORATION	2,302,129	ONO, RIKIO	2,287,632	POETHKOW, JOERG	2,303,638
NGK INSULATORS, LTD.	2,303,503	OOMS, PIETER	2,302,984	POETHKOW, JOERG	2,304,311
NGUYEN, ANTHONY T.	2,302,883	OOSTERMAN, DOUGLAS	2,302,104	POETHKOW, JOERG	2,304,316
NGUYEN, ANTHONY T.	2,303,015	OOTSUKI, YOSHITAKA	2,302,098	POGATCHNIK, Chris	2,266,999
NICHIHA CO., LTD.	2,294,405	OPPERMAN, DONALD	2,302,003	POIRIER, FRANCOIS	2,299,674
NICHIHA CORPORATION	2,290,917	ORGANO CORPORATION	2,301,370	POIRIER, Jean-Claude	2,266,938
NICOL, MAIRI	2,301,984	ORN, Mikael	2,267,484	POLIN, RENE	2,302,005
NIEDERMEIER, MICHAEL	2,302,964			POPOVIC, MIRJANA	2,293,911
NIELSEN, Larry	2,267,610			POTTER, CLAY	2,302,633
NIESLEY, CHARLES F., JR.	2,302,084			POWERWARE CORPORATION	2,302,781
NIMBERGER, SPENCER M.	2,302,804			PRAXAIR TECHNOLOGY, INC.	2,302,135
NIPPON PAINT CO., LTD.	2,302,458			PRAXAIR TECHNOLOGY, INC.	2,302,143
NIPPON SHEET GLASS CO., LTD.	2,301,343			PRAXAIR TECHNOLOGY, INC.	2,302,380
NITECKI, JEAN-PIERRE	2,304,402				
NITSCH, CHRISTIAN	2,303,578				

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PREMARK RWP HOLDINGS, INC.	2,295,415	RYCKEBUSCH, FRANK	2,300,398	SHISEIDO CO., LTD.	2,303,502
PRESBY, HERMAN MELVIN	2,300,353	S N P E	2,267,512	SHOBATAKE, YASURO	2,303,001
PRIEWICH, STEPHAN	2,300,607	SAHM, MICHAEL K.	2,301,408	SHYSHKA, Harold	2,271,906
PRO CAV TECHNOLOGY, L.L.C.	2,272,269	SAITO, KAZUKI	2,302,928	SHYSHKA, Timothy	2,271,906
PROULX, Claude	2,266,940	SAITO, YOKO	2,302,933	SIBERDT, FABIAN	2,301,246
PROVENCHER, PASCAL	2,303,047	SALIM, SATERIA	2,302,380	SIBERT, WILLIAM P.	2,302,632
PUETZ, MIKE	2,302,141	SANDEN CORPORATION	2,302,098	SIECOR OPERATIONS, LLC	2,301,410
PULIDO-CEJUDO, Gabriel	2,267,481	SANDERS, JEREMY GUY	2,297,647	SIECOR OPERATIONS, LLC	2,301,472
PUNCH, NORMAN ANDREW JR.	2,301,472	SANDOVAL, DAVID C.	2,302,632	SIECOR OPERATIONS, LLC	2,301,476
PURTILO, DENNIS L.	2,298,228	SANDRA, PATRICK	2,300,411	SIECOR OPERATIONS, LLC	2,303,023
QSOUND LABS, INC.	2,267,579	SANTAFIANOS, DINOS PAUL	2,302,965	SIMARD, Jean-Sébastien	2,266,965
QUALLICH, GEORGE JOSEPH	2,302,727	SASAKI, KATSUMI	2,301,421	SIMARD, Sylvain	2,267,640
QUATROCHI, CHRIS K.	2,302,883	SASAKI, SHINOBU	2,299,974	SIMARD, SYLVAIN	2,302,119
QUATROCHI, CHRIS K.	2,303,015	SATO, KEI	2,302,086	SINHA, DEEPEN	2,300,495
QUEEN'S UNIVERSITY AT KINGSTON	2,267,821	SATO, SEIYA	2,302,184	SINHA, DEEPEN	2,300,579
R B & W CORPORATION	2,286,946	SATULI, MATTI	2,282,778	SINHA, DEEPEN	2,302,608
RABE, RODNEY LEE	2,290,289	SAULCE, ROGER LEON GEORGE	2,302,962	SIVAK, JACOB G.	2,297,368
RACZEK, RANDY M.	2,302,883	SAUNDERS, CRAIG	2,302,005	SKINNER, COLIN W.	2,298,394
RACZEK, RANDY M.	2,303,015	SAUVE, GILLES	2,302,144	SLIMMON, Tannis Y.	2,267,012
RAGON, JEFFREY WILLIAM	2,302,727	SAWDON, CHRISTOPHER ALAN	2,301,485	SLUTSMAN, LEV	2,301,434
RAINA, KUDLIP	2,300,746	SAXENA, Praveen K.	2,267,012	SMITH, LEE A.	2,302,055
RAMCKE, BERND	2,302,002	SCHABEL, SAMUEL	2,302,099	SNAMPROGETTI S.P.A.	2,301,972
RANG, BRIAN L.	2,300,746	SCHLEICH, BERNHARD	2,302,118	SNIPES, TERRY LEE	2,297,242
RASMUSON, Gordon L.	2,272,269	SCHLUMBERGER CANADA LIMITED	2,298,457	SNYDER, CHARLES R.	2,300,107
RAU, PAUL	2,277,012	SCHLUMBERGER CANADA LIMITED	2,299,835	SOLLAC	2,299,674
RDM CORPORATION	2,267,042	SCHMIDT, ELKE	2,302,078	SOLOFLEX, INC.	2,299,925
REAL, James W.	2,266,844	SCHMITT, GUENTHER	2,302,615	SOLVAY POLYOLEFINS EUROPE - BELGIUM (SOCIÉTÉ ANONYME)	2,301,246
REDINGER, KEVIN E.	2,303,586	SCHOBER, STEPHEN D.	2,298,230	SONG, DONG-HO	2,292,727
REHOR, KENNETH G.	2,300,587	SCHOFIELD, KENNETH	2,302,390	SONOMAX (SFT) INC.	2,302,962
REICH KG REGEL - UND SICHERHEITSTECHNIK	2,270,098	SCHRANK, WILLI	2,298,430	SONY CORPORATION	2,281,266
REIDEL, ROLF HERBERT	2,291,745	SCHULTES, KLAUS	2,302,615	SONY CORPORATION	2,301,987
REIF, GEORG	2,302,964	SCHULZE, DIETER	2,293,911	SOX, THOMAS E.	2,303,570
RENARD, PIERRE	2,301,990	SCHULZE-EYSSING, HEINZ	2,304,320	SPACE SYSTEMS/LORAL, INC.	2,286,997
RHEOX, INC.	2,298,236	SCHUTZE, DETLEF-INGO	2,302,612	SPACE SYSTEMS/LORAL, INC.	2,287,152
RICHTER, BERND	2,303,578	SCHWEIGER, MARCEL	2,299,009	SPECKMANN, HORST- DIETER	2,303,638
RICHTER, BERND	2,303,588	SCHWEITZER, TIMOTHY G.	2,302,960	SPECKMANN, HORST- DIETER	2,304,311
RICKMAN, WAYNE N.	2,298,036	SCIAMPACONE, Ryan Andrew	2,267,477	SPECKMANN, HORST- DIETER	2,304,316
RIKEN	2,284,814	SCOTT, Stephen H.	2,267,821	SPEEGLE, Billie G.	2,266,865
RIKEN	2,285,778	SEARS, JEFFREY L.	2,298,228	SPEIER, PETER	2,298,457
RISSE, Theo	2,264,261	SEIKO EPSON CORPORATION	2,302,122	STANEVICH, KENNETH W.	2,299,996
RITOLA, EDWARD W.	2,289,135	SEIKO EPSON CORPORATION	2,302,184	STATE INDUSTRIES, INC.	2,301,396
RIVET, JEAN-MICHEL	2,301,787	SELARIES, JACQUES	2,299,674	STERNE, Jason	2,267,429
ROBEY, RAYMOND JOHN	2,302,135	SEMRAU, MARKUS	2,303,578	STO AG	2,302,932
ROBINSON, RALPH PELTON JR.	2,303,498	SEMRAU, MARKUS	2,303,588	STOLYAR, SEMION	2,302,600
ROCHE DIAGNOSTICS GMBH	2,302,881	SENN, BRUNO	2,298,993	STRALEY, CHRISTIAN	2,298,457
RODRIGUES, Pierre	2,266,940	SEO, SHINJI	2,302,458	STROSS, Richard J.	2,267,867
RODRIGUEZ, HECTOR FRANCISCO	2,300,575	SEQUENCE CONTROLS INC.	2,267,035	SUDO, NORIHIKO	2,302,458
ROEHM GMBH	2,302,615	SHAH, KANU G.	2,300,609	SUEDA, TAKANORI	2,303,590
ROGEMOND, ERIC	2,299,155	SHANGOLD, Gary A.	2,267,743	SUGA, AYAMI	2,302,065
ROHM AND HAAS COMPANY	2,300,682	SHERMAN, John D.	2,266,969	SUGA, AYAMI	2,302,100
ROHNER, GOTTFRIED	2,298,993	SHIBAGAKI, YUKINARI	2,303,503	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,300,592
ROHNER, GOTTFRIED	2,299,009	SHIBATA, MASATO	2,302,088	SUN MICROSYSTEMS, INC.	2,301,477
ROJAS, Brenda	2,267,014	SHIBUYA, NAOHISA	2,303,001	SUN, BOQIN	2,298,457
ROSSBERG, ANDREAS	2,302,078	SHIDELER, Victor Joseph	2,267,035	SUNDBERG, CARL-ERIK WILHELM	2,300,579
ROTH, BRIAN	2,300,853	SHIMIZU PRINTING & PACKAGING CO., LTD.	2,288,591	SUNDBERG, CARL-ERIK WILHELM	2,302,608
ROY, FABIEN	2,299,635	SHIMIZU, HIROKAZU	2,288,591	SUNKISS	2,299,155
RUBESIN, Philip Charles	2,267,539	SHIOMI, HIROSHI	2,302,658		
RUEDA, KARL-HEINZ	2,303,506	SHIPTON, Peter Duncan	2,267,477		
RUTTERMAN, DANIEL J.	2,301,476	SHIRAGAKI, TATSUYA	2,299,974		

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SWANSON, John	2,266,999	TOLENTINO, Art	2,267,814	COMMONWEALTH	
SWEETON, STEVE L.	2,300,748	TONELLO, ANDREA M.	2,299,903	SYSTEM OF HIGHER	
SZAJOWSKI, PAUL F.	2,300,353	TONELLO, Paul	2,267,749	EDUCATION	2,283,470
SZKLAR, Oleh	2,266,998	TOPORKIEWICZ, Marian	2,267,674	UOP LLC	2,266,969
TAGHIZADEH, MOHAMAD	2,302,974	TOPPAN PRINTING CO., LTD.	2,302,899	UREA CASALE S.A.	2,300,720
TAHERIAN, REZA	2,298,457	TOTAL	2,302,406	VAGO, OTTO Z.	2,301,396
TAJIMA, SHIGERU	2,284,814	TOYODA, KIYOSHI	2,283,065	VALLO, MATTHEW J.	2,302,889
TAKAISHI, YOSHITOMO	2,302,725	TOYODA, KIYOSHI	2,283,067	VALMET ROLL HANDLING	
TAKATA, SHIGENOBU	2,287,632	TRAVOSTINO, FRANCO	2,302,131	LTD.	2,303,506
TAKEBAYASHI, KATSUHIRO	2,302,658	TREADWELL, Simon C. L.	2,267,026	VAN DEN BROM, GUIDO	
TALMADGE, CHARLES	2,299,201	TROTTA, ROBERTO	2,301,972	CLEMENS	2,299,852
TAMURA, TAKAYUKI	2,281,856	TRW INC.	2,301,455	VAN DER GRAAF, INC.	2,267,737
TANABE, JUNICHI	2,302,875	TSUBOI, HIROSHI	2,301,488	VANGUARD EQUIPMENT,	
TANACAN, MEHMET K.	2,302,186	TSUKAMOTO, TAKEHITO	2,302,899	INC.	2,286,949
TANAKA, NORIYOSHI	2,302,933	TSUTSUMI, YUKINARI	2,301,421	VANIER, PAUL	2,309,896
TANAKA, YOSHIKAZU	2,300,558	TURBO-CLEAN GMBH	2,304,320	VANSTONE, SCOTT A.	2,303,542
TANG, KWOK	2,282,778	TUREK, JAMES A.	2,300,554	VECCI, STANLEY J.	2,302,655
TANIMURA, TAKUJI	2,303,451	TURNER, Alfred C.	2,267,872	VELTEN, THOMAS	2,302,078
TANORY, Joe Richard Jr.	2,266,971	U.S. NATURAL RESOURCES,		VENTURA, PAUL A.	2,289,954
TAYLOR, DAVID W.	2,302,390	INC.	2,289,135	VERA, JOSE R.	2,300,608
TEAL, RICHARD DONALD	2,284,297	UEHLEMANN, WERNER	2,300,607	VERMEIDEN, PETER	2,302,912
TEAL, RICHARD DONALD	2,285,381	UEMURA, KAZUYOSHI	2,302,458	VERSA-LOK ASIA (L) BHD	2,266,994
TEAL, RICHARD DONALD	2,287,724	ULBRICHT, HORST	2,299,009	VIAUD, MARIE-CLAUDE	2,301,990
TEAL, RICHARD DONALD	2,288,574	ULHMANN, EUGENE V.	2,302,390	VICENTE, PATRICE	2,299,674
TEAL, RICHARD DONALD	2,288,576	UMBEL, STANLEY H.	2,286,946	VOITH SULZER	
TEBBY, STEPHEN WALKER	2,303,569	UNGAR, ISTVAN	2,300,760	PAPIERTECHNIK	
TECHNOLOGY LICENSING		UNI-CHARM CORPORATION	2,299,961	PATENT GMBH	2,302,099
ORGANIZATION, INC.	2,299,854	UNI-CHARM CORPORATION	2,300,558	VOLK, HARALD	2,302,141
TELECOMMUNICATIONS		UNI-CHARM CORPORATION	2,300,799	VOLKSWAGEN AG	2,301,982
RESEARCH		UNI-CHARM CORPORATION	2,301,488	WADA, ICHIRO	2,299,961
LABORATORIES	2,277,252	UNI-CHARM CORPORATION	2,302,065	WALKER, ANDREW	2,299,093
TELEFLEX, INC.	2,291,745	UNI-CHARM CORPORATION	2,302,100	WALKER, ANDREW	2,299,949
TEMPEL STEEL COMPANY	2,302,623	UNILEVER PLC	2,299,852	WALLACE, William E.	2,267,042
TENNEY, DOUGLAS A.	2,302,084	UNILEVER PLC	2,300,491	WALTER, BRETT A.	2,302,956
TEOWEE, GIMTONG	2,302,390	UNION CARBIDE		WALTER, LUCINDA MAE	2,298,796
TERAMI, FUMIHIRO	2,301,335	CHEMICALS &		WAMPLER, SCOTT D.	2,302,919
TERAMI, FUMIHIRO	2,301,354	PLASTICS		WARDLE, DAVID G.	2,301,408
TERRAMITE CORPORATION	2,301,783	TECHNOLOGY		WARNER, RUSSELL K.	2,300,746
TETZLAFF, STEVEN K.	2,302,538	CORPORATION	2,303,552	WATANABE, HIROSHI	2,302,088
TEVIS, W. BRUCE	2,303,564	UNION CARBIDE		WATANABE, MORIMICHI	2,290,917
THE BABCOCK & WILCOX		CHEMICALS &		WATANABE, MORIMICHI	2,294,405
COMPANY	2,300,375	PLASTICS		WATSON, THOMAS A.	2,302,646
THE BABCOCK & WILCOX		TECHNOLOGY		WAVETEK WANDEL	
COMPANY	2,302,655	CORPORATION	2,303,580	GOLTERMANN	
THE BABCOCK & WILCOX		UNION CARBIDE		ENINGEN GMBH & CO.	2,302,102
COMPANY	2,303,586	CHEMICALS &		WELLINGER, Raymund	2,264,262
THE BOC GROUP, INC.	2,301,408	PLASTICS		WELLINGER, RAYMUND	2,302,134
THE CLOROX COMPANY	2,302,632	TECHNOLOGY		WHITE, RONALD A.	2,302,005
THERMA CORPORATION,		CORPORATION	2,303,599	WILCOXSON, DONALD C.	2,301,455
INC.	2,302,719	UNION CARBIDE		WILLIAMS, MICHAEL D.	2,302,186
THISTLETON, JOHN STUART	2,302,059	CHEMICALS &		WILSON, STUART	2,299,925
THOMPSON, GEORGE		PLASTICS		WISOR, DONALD RAYMOND	2,297,242
HORACE BROOK	2,299,794	TECHNOLOGY		WITTWER, CARL T.	2,302,881
THOMPSON, JOSEPH E.	2,303,465	CORPORATION	2,303,600	WOJCICKI, TOMASZ	2,266,062
THOMSEN, PETER		UNION CARBIDE		WRIGHT, DAVID A.	2,301,455
MATTHEW	2,298,796	CHEMICALS AND		WRIGHT, MICHAEL L.	2,298,230
TIDLAND CORPORATION	2,302,600	PLASTICS		WU, Chin-Tsai	2,267,031
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