

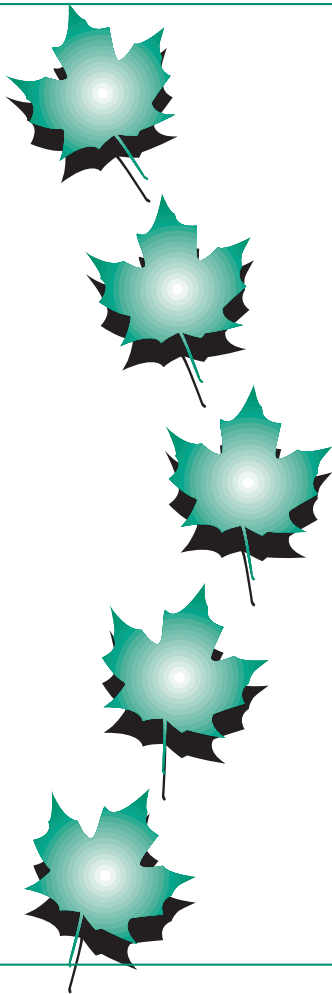


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du Canada**

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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

Vol. 129, No. 49 December 4, 2001

Vol. 129, N° 49 le 4 décembre 2001

Canada

CIPO  OPIC

THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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The Patent Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

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.

Le Bureau des brevets ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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

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

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Avis important aux abonnés

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

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

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

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

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

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

Avis

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

Dates

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

Chiffres de code

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

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

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

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

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

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

Avis

2. Country Code

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

3. Canadian Class Titles

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

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

4. Class Schedules and Definitions

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

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

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

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

2. Code des pays

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

3. Liste des classes canadiennes

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

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

4. Listes et définitions des classes

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

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

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

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

Notices

6. Orders for Patents by Class or Sub-Class

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

7. Advice on Making a Patent Application

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

8. Licensing of Patents

Voluntary Licences

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

Compulsory Licences

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

9. Patents Available for Licence or Sale

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

6. Commande de brevets par classe ou sous-classe

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

7. Conseils relatifs à la préparation de demandes de brevets

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

8. Octroi de licences en vertu des brevets

Licences librement accordées

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

Licences obligatoires

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

9. Brevets disponibles pour licence ou vente

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

Avis

10. List of Patents Available for Licence or Sale

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

2,130,410	2,194,027
2,212,184	2,227,899
2,231,944	2,249,066
2,249,080	2,249,096
2,261,084	2,271,533
2,301,481	

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.

2,130,410	2,194,027
2,212,184	2,227,899
2,231,944	2,249,066
2,249,080	2,249,096
2,261,084	2,271,533
2,301,481	

11. 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.

12. 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).

11. 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.

12. Langue du document publié

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

Notices

13. Patent Cooperation Treaty (PCT)

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

SCHEDULE OF FEES APPLICABLE AS OF SEPTEMBER 1, 2001

BARÈME DE TAXES À PARTIR DU 01 SEPTEMBRE 2001

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee:	562.00
Amount for each additional sheet over 30	13.00
3. Designation Fee: (Rule 15.2(a))	121.00
The maximum that can be charged for the Designation Fee is \$726.00; therefore, if more than 6 countries are designated the fee remains \$726.00	

4. **International Search Fee** 1,232.00
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 Deutche Marks
(Rule 57.2(a)) 147 Euro Dollars

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

The Preliminary Examination Fees are paid in Deutsche Marks or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office. Please note that the European Patent Office will NOT consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

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

TAXES	MONTANTS \$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base:	562,00
Montant pour chaque feuille au delà de 30	13,00
3. Taxe de désignation (par pays) (Règle 15.2(a))	121,00
Le maximum payable pour la taxe de désignation est de 726,00 \$; donc, si plus que 6 pays sont désignés, la taxe demeure 726,00 \$.	

4. **Taxe de recherche internationale** 1 232,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

Examen préliminaire

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

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

Les taxes d'examen préliminaire Deutsche Marks ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées à l'Office récepteur du Canada. Veuillez noter que l'Office européen NE considérera PAS les honoraires comme étant reçu jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par fax de la traite bancaire au 011-4889-2399-4465.

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

Avis

14. PCT Notices

PCT Signature Requirements

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

Patent Cooperation Treaty (PCT)

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

15. Canadian Laid-Open Applications

The Patent Office Record of December 4, 2001 contains laid-open applications from November 11, 2001 - November 17, 2001.

16. Notices

Effective December 1, 2001, the US patent collection in paper format will no longer be available in the Client Service Centre. However, other search tools are accessible in the Centre.

CIPO Client Service Centre

14. Avis PCT

Exigences des signatures du PCT

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

Traité de Coopération en matière de brevets (PCT)

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

15. 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 11 novembre 2001 - 17 novembre 2001.

16. Avis

À compter du 1er décembre 2001, la collection papier des brevets américains ne sera plus disponible au Centre de services à la clientèle. Toutefois, d'autres outils de recherches sont accessibles dans le Centre.

Le Centre de services à la clientèle de l'OPIC

Canadian Patents Issued

December 4, 2001

Brevets canadiens délivrés

4 décembre 2001

[11] 1,341,324 [13] C	[11] 2,000,553 [13] C	[11] 2,017,174 [13] C
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[25] EN
[54] **POLYOXYMETHYLENE MULTI-**
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COMPOSITION
[54] **MULTI-COPOLYMER A BASE DE**
POLYOXYMETHYLENE;
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[73] TORAY INDUSTRIES, INC., JP
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[73] Wellcome Foundation Limited (The),
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[25] EN
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METHOD OF USE
[54] **COMPOSES COMPLEXES,**
METALLIQUES; PROCEDE DE
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[72] Neithamer, David R., US
[73] THE DOW CHEMICAL COMPANY,
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[25] EN
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COMPOSITION WITH IMPROVED
FUSION PROPERTIES
[54] **POLYMER DE CHLORURE DE**
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AMELIOREES
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[72] Elliott, Steven George, US
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AROMATIC POLYMER FOAM
[54] **MOUSSE ISOLANTE DE**
POLYMERE AROMATIQUE DE TYPE
ALKENYLE
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[51] **Int.Cl. 5G07F 11/00**
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[54] **DISTRIBUTEUR A AVANCE**
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[72] Edstrom, Richard C., US
[72] Gerstman, Richard, US
[73] ORTHO PHARMACEUTICAL
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[85] 1991-01-10
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[51] **Int.Cl. 5C08L 61/02**
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[54] **COMPOSITION A BASE DE**
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[73] Polyplastics Co., Ltd, JP
[22] 1990-12-21
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[54] **METHOD AND APPARATUS FOR MARKING LETTER MAIL**
[54] **METHODE DE MARQUAGE DE LETTRES ET APPAREIL CONNEXE**
[72] Sansone, Ronald P., US
[73] PITNEY BOWES, INC., US
[22] 1990-12-28
[30] US (459,417) 1990-01-02

[11] **2,033,973**
[13] C

[51] **Int.Cl. 5C08L 95/00 5E01C 7/26**
[25] FR
[54] **COMPOSITION BITUME/POLYMERE PRESENTANT UNE ADHESIVITE SE CONSERVANT AU STOCKAGE A TEMPERATURE ELEVEE ET PROCEDE DE PREPARATION D'UNE TELLE COMPOSITION**
[54] **BITUMEN/POLYMER COMPOSITION WITH ADHESIVENESS RESISTING HIGH TEMPERATURE STORAGE AND PROCESS FOR PREPARING SUCH COMPOSITION**
[72] Chaverot, Pierre, FR
[72] Plance, Jean-Pascal, FR
[73] Koch Enterprises, Inc., US
[85] 1991-02-04
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[30] FR (89 08 768) 1989-06-30

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[13] C

[51] **Int.Cl. 5F16J 15/10**
[25] EN
[54] **APPLIANCE FOR PREVENTING WATER FROM LEAKING THROUGH JOINT**
[54] **APPAREIL SERVANT A EMPECHER L'EAU DE PASSER A TRAVERS UN JOINT**
[72] Takasaki, Kazuhiro, JP
[72] Shinjo, Hiroshi, JP
[72] Terauchi, Michiyoshi, JP
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[22] 1991-02-20
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[11] **2,037,014**
[13] C

[51] **Int.Cl. 5G02F 1/153**
[25] EN
[54] **ELECTROCHROMIC, ELECTROLUMINESCENT AND ELECTROCHEMILUMINESCENT DISPLAYS**
[54] **AFFICHAGES ELECTROCHROMIQUES, ELECTROLUMINESCENTS ET ELECTROCHIMILUMINESCENTS**
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[72] Wrighton, Mark S., US
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[13] C

[51] **Int.Cl. 5B26D 1/25 5B26D 7/02 5B26D 1/30**
[25] FR
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[54] **COMPACT, OPTICAL FIBRE CUTTLING SNIPPER**
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[72] Galopin, Jean, FR
[72] Reslinger, Michel, FR
[73] NEXANS FRANCE, FR
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[13] C

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[25] EN
[54] **OPERATING MECHANISM OF A THREE POSITION SWITCH**
[54] **MECANISME DE COMMANDE D'UN COMMUTATEUR A TROIS POSITIONS**
[72] Bonnardel, Patrick, FR
[72] Vernay, Jacques, FR
[72] Filiputti, Hughes, FR
[72] Humbert, Thierry, FR
[72] Rigaud, Marcel, FR
[73] MERLIN GERIN, FR
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[51] **Int.Cl. 5B05B 15/08 5B05B 15/10**
[25] EN
[54] **SPRAY GUN WITH FIVE AXIS MOVEMENT**
[54] **PISTOLET DE PULVERISATION, A MOBILITE SELON CINQ AXES**
[72] Sharpless, John (deceased), US
[72] Hogan, Patrick T., US
[72] La, Duong T., US
[73] NORDSON CORPORATION, US
[22] 1991-03-20
[30] US (510,001) 1990-04-17

[11] **2,039,429**
[13] C

[51] **Int.Cl. 5F04D 29/40**
[25] EN
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[54] **BOITE DE PLASTIQUE DESTINEE A SERVIR DE SUPPORT A UN VENTILATEUR A MONTAGE AU PLAFOND**
[72] Jorgensen, Robert W., US
[72] Slater, William E., US
[73] HUBBELL INCORPORATED, US
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[30] US (07/545,575) 1990-06-29

[11] **2,039,760**
[13] C

[51] **Int.Cl. 5G08B 13/24**
[25] EN
[54] **FIELD GENERATION AND RECEPTION SYSTEM FOR ELECTRONIC ARTICLE SURVEILLANCE**
[54] **SYSTEME DE PRODUCTION ET DE DETECTION DE CHAMPS MAGNETIQUES POUR LA SURVEILLANCE ELECTRONIQUE D'ARTICLES**
[72] Cordery, Robert A., US
[73] PITNEY BOWES, INC., US
[22] 1991-04-04
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[51] **Int.Cl. 5B21D 39/04**
[25] EN
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[54] **OUTIL DE COMPRESSION**
SERVANT A UNIR LA TUYAUTERIE
[72] Dischler, Helmut, DE
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[22] 1991-04-11
[30] DE (P 40 11 822.3) 1990-04-12

[11] **2,040,914**
[13] C
[51] **Int.Cl. 5A61M 37/00 5A61K 31/00**
[25] EN
[54] **TREATMENT OF ERECTILE**
DYSFUNCTION
[54] **TRAITEMENT DES TROUBLES DE**
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[72] Place, Virgil A., US
[72] Gale, Robert M., US
[72] Berggren, Randall G., US
[73] Vivus, Inc., US
[22] 1991-04-22
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[11] **2,040,982**
[13] C
[51] **Int.Cl. 5C07F 9/6561 5C07F 9/547**
5A61K 31/675
[25] EN
[54] **N-(3-FLUORO-2-**
PHOSPHONYLMETHOXYPROPYL)
DERIVATIVES OF PURINE AND
PYRIMIDINE HETEROCYCLIC BASES,
THEIR PREPARATION AND USE
[54] **DERIVES N-(3-FLUORO-2-**
PHOSPHONYLMETHOXYPROPYLE)
DES BASES HETEROCYCLIQUES
PURINE ET PYRIMIDINE, METHODE
POUR LEUR PRODUCTION ET
UTILISATION COMME PRINCIPES
ACTIFS DE MEDICAMENTS
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[72] Jindrich, Jindrich, CS
[72] Balzarini, Jan, BE
[72] De Clercq, Erik, BE
[73] Katholieke Universiteit Rega, BE
[73] Institute of Organic Chemistry and
Biochemistry Academy of Sciences of the
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[30] CS (PV 2047-90) 1990-04-24

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[51] **Int.Cl. 5C07D 487/04 5A61K 31/40**
[25] EN
[54] **PYRROLO-2,3-B[INDOLE-**
KETONES AND ANALOGS, A PROCESS
FOR THEIR PREPARATION AND
THEIR USE AS MEDICAMENTS
[54] **PYRROLO-2,3-B[INDOLE-**
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COMME MEDICAMENTS
[72] Allen, Richard C., US
[72] Flanagan, Denise M., US
[73] AVENTIS PHARMACEUTICALS
INC., US
[22] 1991-05-10
[30] US (521,953) 1990-05-11

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[13] C
[51] **Int.Cl. 5G11B 11/10**
[25] FR
[54] **TETE DE LECTURE**
MAGNETOOPTIQUE A HAUTE
RESOLUTION
[54] **HIGH RESOLUTION MAGNETO-**
OPTIC READING HEAD
[72] Colineau, Joseph, FR
[72] Neubert, Sophie, FR
[73] THOMSON-CSF, FR
[85] 1991-05-31
[86] 1990-10-03 (PCT/FR90/00703)
[87] (WO91/05345)
[30] FR (89 12895) 1989-10-03

[11] **2,042,930**
[13] C
[51] **Int.Cl. 5A01D 90/10**
[25] EN
[54] **HAY BALE BASKET**
[54] **PANIER POUR LE TRANSPORT DE**
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[72] Kuhns, Abe B., US
[73] E-Z TRAIL, INC., US
[22] 1991-05-21
[30] US (679,763) 1991-04-03

[11] **2,043,084**
[13] C
[51] **Int.Cl. 5H02G 3/04 5H02G 9/06**
[25] EN
[54] **CABLE CONDUIT WITH RIDGED**
INNER WALL
[54] **CONDUIT DE CABLES A PAROI**
INTERNE ONDULEE
[72] Vogelsang, Horst, DE
[72] BERGMANN, Horst, DE
[73] Dipl.-Ing. Dr. Ernst Vogelsang GmbH
and Co. KG, DE
[22] 1991-05-23
[30] DE (P 40 16 726.7-34) 1990-05-24

[11] **2,043,605**
[13] C
[51] **Int.Cl. 5D21C 11/12**
[25] EN
[54] **PROCESS FOR THE PARTIAL**
COMBUSTION OF CELLULOSE SPENT
LIQUORS
[54] **PROCEDE DE COMBUSTION**
PARTIELLE DE LIQUEURS DE
CELLULOSE EXCEDENTAIRES
[72] Stigsson, Lars, SE
[73] Chemrec Aktiebolag, SE
[22] 1991-05-30
[30] SE (9001958-9) 1990-05-31

[11] **2,043,695**
[13] C
[51] **Int.Cl. 5E21B 7/20**
[25] EN
[54] **DRILLING TOOL FOR SINKING**
WELLS IN UNDERGROUND ROCK
FORMATIONS
[54] **OUTIL DE FORAGE POUR LE**
CREUSAGE DE Puits DANS LA
ROCHE
[72] Krueger, Volker, DE
[72] Faber, Hans-Juergen, DE
[72] Feld, Dagobert, DE
[73] BAKER HUGHES INCORPORATED,
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[22] 1991-05-31
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[13] C

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[25] EN
[54] **ENCLOSURE FOR SLAG PELLETIZATION APPARATUS AND METHOD OF OPERATION THEREOF**
[54] **ENCEINTE D'APPAREIL DE PELLETISATION DE LAITIER ET METHODE D'EXPLOITATION**
[72] Spencer, Kenneth Walter, CA
[72] Horvat, David Thomas, CA
[73] LAFARGE CANADA INC., CA
[22] 1991-06-03
[30] US (07/535,613) 1990-06-08

[11] **2,044,024**
[13] C

[51] **Int.Cl. 5G03F 7/30 5G03F 7/20**
[25] EN
[54] **METHOD AND APPARATUS FOR PREPARING RELIEF IMAGE PRINTING PLATES**
[54] **METHODE ET APPAREIL DE FABRICATION DE PLANCHES D'IMPRESSION D'IMAGES EN RELIEF**
[72] Wessells, Forrest A., US
[72] Murphy, Edward T., US
[72] Tambornini, Steven A., US
[73] PT SUB, INC., US
[22] 1991-06-07
[30] US (535,819) 1990-06-11

[11] **2,044,768**
[13] C

[51] **Int.Cl. 5A61F 13/15**
[25] EN
[54] **DISPOSABLE DIAPER WITH BARRIER SHEET**
[54] **COUCHE JETABLE AVEC MEMBRANE ETANCHE**
[72] Vitaris, Ronald F., US
[72] Karami, Hamzeh, US
[73] Kendall Company (The), US
[22] 1991-06-17

[11] **2,045,918**
[13] C

[51] **Int.Cl. 5A61F 13/15**
[25] EN
[54] **FORM RETENTIVE ABSORBENT PADS**
[54] **TAMPONS ABSORBANTS CONSERVANT LEUR FORME**
[72] Davis, Martha, US
[72] Formosa, Daniel, US
[72] Russak, Stephen, US
[72] Gerth, Jeannie, US
[72] Moore, Patricia A., US
[72] Thomsen, Tamara, US
[72] Viemeister, Tucker, US
[73] MCNEIL-PPC, INC., US
[22] 1991-07-05
[30] US (549,337) 1990-07-06

[11] **2,045,958**
[13] C

[51] **Int.Cl. 5A61F 13/15**
[25] EN
[54] **SANITARY NAPKIN WITH BENDABLE MEANS TO SHAPE AND RETAIN THE SANITARY NAPKIN**
[54] **SERVIETTE SANITAIRE A ELEMENT PLIABLE DESTINE A FORMER ET A RETENIR LADITE SERVIETTE**
[72] Davis, Martha, US
[72] Formosa, Daniel, US
[72] Gerth, Jeannie, US
[72] Moore, Patricia A., US
[72] Russak, Stephen, US
[72] Thomsen, Tamara, US
[72] Viemeister, Tucker, US
[73] MCNEIL-PPC, INC., US
[22] 1991-07-05
[30] US (549,335) 1990-07-06

[11] **2,046,422**
[13] C

[51] **Int.Cl. 5A61F 13/15**
[25] EN
[54] **ABSORBENT PRODUCTS HAVING INTEGRAL TRANSVERSE RETAINING TAB AND POCKET**
[54] **PRODUITS ABSORBANT A POCHE ET A LANGUETTE DE RETENUE TRANSVERSALE INTEGREES**
[72] Davis, Martha, US
[72] Formosa, Daniel, US
[72] Gerth, Jeannie, US
[72] Moore, Patricia A., US
[72] Russak, Stephen, US
[72] Thomsen, Tamara, US
[72] Viemeister, Tucker, US
[73] MCNEIL-PPC, INC., US
[22] 1991-07-05
[30] US (548,787) 1990-07-06

[11] **2,046,425**
[13] C

[51] **Int.Cl. 5A61F 13/15**
[25] EN
[54] **ABSORBENT PRODUCT HAVING MECHANICAL ATTACHMENT MECHANISM**
[54] **PRODUIT ABSORBANT A MECANISME DE FIXATION MECANIQUE**
[72] Davis, Martha, US
[72] Formosa, Daniel, US
[72] Russak, Stephen, US
[72] Gerth, Jeannie, US
[72] Moore, Patricia A., US
[72] Thomsen, Tamara, US
[72] Viemeister, Tucker, US
[73] MCNEIL-PPC, INC., US
[22] 1991-07-05
[30] US (549,336) 1990-07-06

[11] **2,046,849**
[13] C

[51] **Int.Cl. 5A61B 17/00 5A61B 17/56**
[25] EN
[54] **SUTURE ANCHOR AND DRIVER ASSEMBLY**
[54] **INSTRUMENT DE FIXATION D'UNE SUTURE ET DE VISSAGE**
[72] Cerier, Jeffrey C., US
[72] Warren, Russell F., US
[72] Carlozzi, Gerard S., US
[72] DiCarlo, Paul, US
[72] Dwyer, James W., US
[73] SMITH & NEPHEW, INC., US
[22] 1991-07-11
[30] US (07/552,440) 1990-07-13
[30] US (07/681,042) 1991-04-05

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[13] C
[51] **Int.Cl. 6C07K 9/00 6A61K 38/14**
[25] EN
[54] **SUBSTITUTED ALKYLAMIDE
DERIVATIVES OF TEICOPLANIN**
[54] **DERIVES ALKYLAMIDIQUES
SUBSTITUES DE LA TEICOPLANINE**
[72] Malabarba, Adriano, IT
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[72] Kettenring, Jürgen K., IT
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CONTROLLING SHEET ADHESION IN
SUCH GLAZING AND REDUCING
BLOCKING OF SUCH SHEET**
[54] **FEUILLE DE PLASTIQUE,
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[73] **EXXON RESEARCH AND ENGINEERING COMPANY, US**
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[54] **MODIFIED BACULOVIRUS, METHOD FOR OBTAINING IT, AND EXPRESSION VECTORS OBTAINED FROM SAID BACULOVIRUS**
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[72] Cerutti, Martine, FR
[72] Cahoreau, Claire, FR
[72] Martin, Marianne, FR
[73] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA), FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
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[13] C

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MANUFACTURE THE SAME, AND A
MEAT PRODUCT OBTAINED WITH
SUCH FILM**
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PROCESS**
[54] **PROCEDE DE SEPARATION
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[72] Paul, James Mark, US
[73] EXXONMOBIL OIL CORPORATION, US
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[54] **COMPRIME PHARMACEUTIQUE POUVANT LIBERER L'INGREDIENT ACTIF INTERVALLES SUBSEQUENTS PREDETERMINEES**
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[25] EN
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[54] **PROCEDE PARTICULIEREMENT EFFICACE POUR ISOLER DES SUBSTANCES CIBLES A L'AIDE D'UN DISPOSITIF DE SEPARATION A ECHANTILLONS MULTIPLES**
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING ALLERGIC RHINITIS AND OTHER DISORDERS USING DESCARBOETHOXYLORATADINE**
[54] **PROCEDES ET COMPOSITION DE TRAITEMENT DE LA RHINITE ALLERGIQUE ET D'AUTRES TROUBLES AU MOYEN DE DESCARBOETHOXYLORATADINE**
[72] ABERG, A.K. Gunnar, US
[72] McCULLOUGH, John R., US
[72] SMITH, Emil R., US
[73] SEPRACOR, INC., US
[85] 1997-06-26
[86] 1995-12-11 (PCT/US95/15995)
[87] (WO96/20708)
[30] US (366,651) 1994-12-30

[11] **2,209,800**
[13] C

[51] **Int.Cl. 6E01H 5/02 6A01B 1/20 6A01B 1/22**
[25] EN
[54] **AN INTERCHANGABLE SCRAPER AND SHOVEL**
[54] **GRATTOIR ET PELLE INTERCHANGEABLES**
[72] CHANG, William, CA
[73] CHANG, William, CA
[22] 1997-08-11

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[11] 2,209,962
[13] C

[51] Int.Cl. 6B65H 19/26
[25] EN
[54] METHOD AND DEVICE FOR WINDING A PAPER WEB
[54] METHODE ET DISPOSITIF D'ENROULEMENT D'UNE BANDE CONTINUE DE PAPIER
[72] KOUTONEN, Pauli, FI
[72] SINKKO, Jari, FI
[72] LESKINEN, Arto, FI
[73] METSO PAPER, INC., FI
[22] 1997-07-04
[30] FI (962762) 1996-07-05

[11] 2,210,301
[13] C

[51] Int.Cl. 6C22C 1/10 6C22F 1/04
[25] EN
[54] SUPERPLASTIC ALUMINUM ALLOY AND PROCESS OF PRODUCING SAME
[54] ALLIAGE D'ALLUMINIUM SUPERPLASTIQUE ET PROCEDE DE PRODUCTION DE CE DERNIER
[72] MIYAKE, Yoshiharu, JP
[72] SERIZAWA, Yoshihisa, JP
[72] OKOCHI, Yukio, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 1997-07-15
[30] JP (8-209364) 1996-07-22

[11] * 2,212,184
[13] C

[51] Int.Cl. 6H04Q 3/54 6H04L 12/56 6H04Q 3/58
[25] EN
[54] METHOD AND APPARATUS FOR CONTROLLING A MIXED NETWORK OF ANALOG AND DIGITAL SWITCHES
[54] METHODE ET DISPOSITIF DE COMMANDE D'UN RESEAU MIXTE DE COMMUTEURS ANALOGIQUES ET NUMERIQUES
[72] FIELDING, WILLIAM S., CA
[72] WAESPE, Stephan, CA
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
[22] 1997-08-01

[11] 2,212,694
[13] C

[51] Int.Cl. 6B65H 3/40
[25] EN
[54] SHEET SEPARATING AND FEEDING DEVICE
[54] DISPOSITIF DE SEPARATION ET D'ALIMENTATION FEUILLE A FEUILLE
[72] DOERY, Michael S., US
[73] PITNEY BOWES, INC., US
[22] 1997-08-08
[30] US (08/703,922) 1996-08-22

[11] 2,213,190
[13] C

[51] Int.Cl. 6B65H 20/06 6B65B 41/12
[25] EN
[54] PLASTIC TRANSPORT SYSTEM
[54] TRANSPORTEUR DE FILM PLASTIQUE
[72] LERNER, Hershey, US
[73] Automated Packaging Systems, Inc., US
[22] 1997-08-15
[30] US (08/699,128) 1996-08-16

[11] 2,213,831
[13] C

[51] Int.Cl. 6E04C 3/34 6E04C 1/39
[25] EN
[54] MODULAR PILLAR
[54] PILIER MODULAIRE
[72] RASMUSSEN, Finn A., CA
[72] RASMUSSEN, Bo A., CA
[73] ANKER BRICK PILLARS LTD., CA
[22] 1997-08-22
[30] US (60/025,479) 1996-09-09

[11] 2,214,386
[13] C

[51] Int.Cl. 6C07D 277/14 6A61K 31/42 6A61K 31/425 6A61K 31/435 6A61K 31/495
[25] EN
[54] OPTICALLY ACTIVE THIAZOLIDINONE DERIVATIVES
[54] DERIVES DE THIAZOLIDINONE OPTIQUEMENT ACTIFS
[72] OHHATA, Yasuo, JP
[72] SAITO, Fujio, JP
[72] ISHIHARA, Sadao, JP
[72] YORIKANE, Ryosuke, JP
[72] MIYAKE, Shigeki, JP
[72] TABATA, Keiichi, JP
[72] FUKUDA, Norio, JP
[72] MAKINO, Mitsuko, JP
[73] SANKYO COMPANY LIMITED, JP
[85] 1997-08-29
[86] 1996-03-01 (PCT/JP96/00487)
[87] (WO96/26931)
[30] JP (7-42237) 1995-03-02
[30] JP (7-279951) 1995-10-27

[11] 2,214,681
[13] C

[51] Int.Cl. 6B60N 2/26
[25] EN
[54] CHILD SAFETY SEAT ASSEMBLY
[54] ASSEMBLAGE DE SIEGE DE SECURITE POUR ENFANTS
[72] GANAJA, Scott O., US
[72] GARCIA, Birgit S., US
[73] GARCIA, Birgit S., US
[22] 1997-09-05
[30] US (08/752,737) 1996-11-19

[11] 2,216,589
[13] C

[51] Int.Cl. 6G06T 7/00 6G06F 19/00 6G06T 1/00 6G06T 7/60
[25] EN
[54] COMPUTER-ASSISTED DESIGN ANALYSIS METHOD FOR EXTRACTING DEVICE AND INTERCONNECT INFORMATION
[54] PROCEDE D'ANALYSE DE SCHEMA ASSISTE PAR ORDINATEUR POUR UN DISPOSITIF D'EXTRACTION ET D'INTERCONNEXION D'INFORMATION
[72] CHAMBERLAIN, GEORGE, CA
[72] LAM, LARRY, CA
[73] SEMICONDUCTOR INSIGHTS INC., CA
[22] 1997-09-26
[30] US (60/026,820) 1996-09-27

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[11] **2,216,900**
[13] C

[51] **Int.Cl. 6G06T 7/60 6G06F 17/40 6G06K 9/60**
[25] EN
[54] **METHOD TO EXTRACT CIRCUIT INFORMATION**
[54] **METHODE D'EXTRACTION DES INFORMATION D'UN CIRCUIT**
[72] NAIM, GHASSAM, CA
[72] THOMAS, JOHN SCOTT, CA
[72] CHAMBERLAIN, GEORGE, CA
[72] IOUDOVSKI, ALEXEI, CA
[73] SEMICONDUCTOR INSIGHTS INC., CA
[22] 1997-09-26
[30] US (60/027,172) 1996-10-01

[11] **2,217,117**
[13] C

[51] **Int.Cl. 6B25B 23/16 6B25B 7/00**
[25] EN
[54] **MULTI-PURPOSE FOLDING TOOL AND LOCKING MECHANISM THEREFOR**
[54] **OUTIL POLYVALENT DE CINTRAGE ET SON MECANISME DE VERROUILLAGE**
[72] SWINDEN, David A., US
[72] LEMAIRE, John Denis, US
[72] ANDERSEN, Robert, US
[72] QUINN, James, US
[72] FURTH, David, US
[72] NAAS, Robert, US
[72] HUFNAGEL, Joseph, US
[72] GARDINER, Walter A., US
[72] STECYK, Oleh, US
[72] LYNCH, Peter, US
[73] Imperial Schrader Corp., US
[22] 1997-09-30
[30] US (08/724963) 1996-10-07
[30] US (08/724964) 1996-10-07

[11] **2,217,444**
[13] C

[51] **Int.Cl. 6G09F 19/18 6G09F 13/24**
[25] EN
[54] **DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE**
[72] HAKKERT, Roelof Martinus, NL
[72] HAKKERT, Roelof Martinus, NL
[85] 1997-10-03
[86] 1996-01-17 (PCT/NL96/00032)
[87] (WO96/31862)
[30] NL (1000056) 1995-04-05
[30] NL (1001149) 1995-09-07
[30] NL (1001190) 1995-09-13

[11] **2,217,953**
[13] C

[51] **Int.Cl. 6A61K 31/27 6A61K 45/00**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION CONTAINING N-CHLOROPHENYL CARBAMATES AND N-CHLOROPHENYLTHIOCARBAMATES FOR INHIBITING THE GROWTH OF VIRUSES AND CANCERS**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DES N-CHLOROPHENYL CARBAMATES ET DES N-CHLOROPHENYLTHIOCARBAMATES POUR INHIBER LA CROISSANCE DES VIRUS ET LE DEVELOPPEMENT DE CANCERS**
[72] CAMDEN, James Berger, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-10-09
[86] 1996-04-11 (PCT/US96/04956)
[87] (WO96/32104)
[30] US (08/420,913) 1995-04-12
[30] US (60/001,888) 1995-08-04

[11] **2,218,452**
[13] C

[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6A61K 39/395 6C07K 14/47 6G01N 33/566**
[25] EN
[54] **NOVEL LIGANDS OF THE NEUROPEPTIDE RECEPTOR HFGAN72**
[54] **NOUVEAUX LIGANDS DU RECEPTEUR NEUROPEPTIDIQUE HFGAN72**
[72] GELLAI, Miklos, US
[72] WILSON, Shelagh, GB
[72] YANAGISAWA, Masashi, US
[72] BERGSMAN, Derk J., US
[72] BROOKS, David P., US
[73] SMITHKLINE BEECHAM P.L.C., GB
[73] SMITHKLINE BEECHAM CORPORATION, US
[22] 1997-12-16
[30] US (60/033,604) 1996-12-17
[30] US (08/820,519) 1997-03-19
[30] US (08/887,382) 1997-07-02
[30] US (08/939,093) 1997-09-26

[11] **2,219,047**
[13] C

[51] **Int.Cl. 6A61F 13/56**
[25] EN
[54] **ABSORBENT ARTICLE HAVING FLAPS AND ZONES OF DIFFERENTIAL EXTENSIBILITY**
[54] **ARTICLE ABSORBANT AYANT DES RABATS ET DES ZONES D'EXTENSIBILITE DIFFERENTIELLE**
[72] DIRK, Raymond John, US
[72] BERGMAN, Carl Louis, US
[72] NIIHARA, Kaoru, JP
[72] HENRICH, Thomas, US
[72] BAMBER, Jeffrey Vincent, US
[72] OSBORN, Thomas Ward III, US
[72] LAVASH, Bruce William, US
[73] THE PROCTER & GAMBLE COMPANY, US
[22] 1992-09-30
[62] 2,079,537
[30] US (07/769,891) 1991-10-01

[11] **2,219,140**
[13] C

[51] **Int.Cl. 6A61F 13/15 6A61F 13/46**
[25] EN
[54] **METHOD OF PRODUCING FLOW LINES IN A SANITARY PRODUCT**
[54] **PROCEDE POUR LA FABRICATION DE LIGNES D'ECOULEMENT DANS UN ARTICLE HYGIENIQUE**
[72] KROYER, Karl Kristian Kobs (deceased), FR
[73] KROYER, Ingelise Kobs, FR
[73] Houlberg, Vibeke Kobs, DK
[85] 1997-10-27
[86] 1995-04-28 (PCT/DK95/00177)
[87] (WO96/33679)

[11] **2,220,059**
[13] C

[51] **Int.Cl. 6F23Q 7/22**
[25] EN
[54] **MODULAR CERAMIC IGNITER**
[54] **ALLUMEUR EN CERAMIQUE MODULAIRE**
[72] AXELSON, Scott R., US
[72] SALZER, Thomas E., US
[73] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US
[85] 1997-11-03
[86] 1996-05-31 (PCT/US96/08211)
[87] (WO96/38693)
[30] US (08/454,760) 1995-05-31

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[11] 2,220,941
[13] C

[51] Int.Cl. 6B05B 7/10 6B05B 7/04 6F25C 3/04

[25] EN

[54] WATER ATOMIZING NOZZLE FOR SNOW MAKING MACHINE

[54] BUSE DE PULVERISATION D'EAU POUR CANONS A NEIGE

[72] NILSSON, Lennart, SE

[73] NILSSON, Lenko L., SE

[85] 1997-11-12

[86] 1996-03-21 (PCT/SE96/00358)

[87] (WO97/01392)

[30] SE (9502328-9) 1995-06-27

[11] 2,221,194
[13] C

[51] Int.Cl. 6C22B 9/05 6C22B 21/06

[25] EN

[54] METHOD AND APPARATUS FOR CONTINUOUS IN-LINE GAS TREATMENT OF MOLTEN METALS

[54] PROCEDE ET DISPOSITIF POUR LE TRAITEMENT CONTINU EN LIGNE DE METAUX EN FUSION AU MOYEN D'UN GAZ

[72] WAITE, PETER D., CA

[72] DUBE, GHYSLAIN, CA

[72] DUMONT, Robert, CA

[72] LAVOIE, Serge Eugene, CA

[73] ALCAN INTERNATIONAL LIMITED, CA

[85] 1997-11-14

[86] 1995-07-28 (PCT/CA95/00447)

[87] (WO96/39545)

[30] US (462,011) 1995-06-05

[11] 2,224,392
[13] C

[51] Int.Cl. 6H04L 29/10

[25] EN

[54] MULTI-CHANNEL ENCODER/DECODER

[54] CODEUR/DECODEUR A CANAUX MULTIPLES

[72] BINDLEY, GLENN KENNETH, CA

[72] CARR, LARRIE SIMON, CA

[72] MOK, WINSTON K., CA

[72] LANG, STEVEN FORBES, CA

[72] STEEDMAN, RICHARD ARTHUR JOHN, CA

[73] PMC-Sierra Ltd., CA

[22] 1997-12-09

[11] 2,224,607
[13] C

[51] Int.Cl. 6B65H 23/025

[25] EN

[54] SEPARATING DEVICE FOR WINDING DEVICES FOR MATERIAL WEBS, LONGITUDINALLY DIVIDED INTO SEVERAL PARTIAL WEBS

[54] APPAREIL DE SEPARATION POUR DES MECANISMES D'ENROULEMENT POUR MATERIAUX EN BANDES, DIVISEES LONGITUDINALEMENT EN PLUSIEURS BANDES PARTIELLES

[72] MEYER, Gero, DE

[73] BELOIT TECHNOLOGIES, INC., US

[85] 1997-12-12

[86] 1996-06-14 (PCT/EP96/02563)

[87] (WO97/00222)

[30] DE (295 09 516.4) 1995-06-14

[11] 2,224,857
[13] C

[51] Int.Cl. 6B01D 39/08 6B01D 35/06

[25] EN

[54] SYNTHETIC FILTER MEDIA AND METHOD FOR MANUFACTURING SAME

[54] MILIEU FILTRANT SYNTHETIQUE ET PROCEDE DE FABRICATION

[72] LEGARE, PIERRE, CA

[73] THE MINNESOTA MINING & MANUFACTURING COMPANY, US

[85] 1997-12-17

[86] 1997-04-29 (PCT/CA97/00289)

[87] (WO97/40913)

[30] US (08/641,379) 1996-04-30

[30] US (08/837,196) 1997-04-14

[11] 2,224,978
[13] C

[51] Int.Cl. 6B65D 5/44 6B65D 5/468

[25] EN

[54] PROTECTIVE DEVICE FOR USE WITH CONTAINERS HAVING HANDHOLD OPENINGS

[54] DISPOSITIF DE PROTECTION POUR PAQUET D'EMBALLAGE EQUIPE D'OUVERTURES-POIGNEES

[72] SAINZ, Raymond R., US

[72] SAINZ, Joseph S., US

[72] McCARTHY, Lynn J., US

[73] WISE, FREDERICK M., US

[73] SAINZ, RAYMOND R., US

[85] 1997-12-17

[86] 1996-06-26 (PCT/US96/10988)

[87] (WO97/01488)

[30] US (08/494,930) 1995-06-26

[11] 2,225,427
[13] C

[51] Int.Cl. 6G06F 17/60 6G07B 17/02

[25] EN

[54] A METHOD AND SYSTEM OF ACCOUNTING FOR TRANSACTION COSTS AND CURRENCY EXCHANGE IN A HYBRID MAIL SYSTEM

[54] METHODE ET SYSTEME DE COMPTABILISATION DE COUTS DE TRANSACTION ET D'OPERATIONS DE CHANGE SUR LES DEISES DANS UN SYSTEME DE COURRIER HYBRIDE

[72] LEVITSKY, Paul A., US

[73] PITNEY BOWES, INC., US

[22] 1997-12-22

[30] US (772,790) 1996-12-24

[11] 2,225,937
[13] C

[51] Int.Cl. 6H04Q 3/00 6H04Q 1/30

[25] EN

[54] METHOD AND SYSTEM FOR COMPLETING A VOICE CONNECTION BETWEEN FIRST AND SECOND VOICE TERMINALS IN A SWITCHED TELEPHONE NETWORK

[54] METHODE ET SYSTEME D'ETABLISSEMENT DE COMMUNICATIONS TELEPHONIQUES ENTRE DEUX POSTES D'UN RESEAU TELEPHONIQUE COMMUTE

[72] WILLIAMS, L. LLOYD, CA

[72] REID, COLIN A., CA

[72] MELICK, Gordon R., CA

[72] GILBERT, Gordon J., CA

[73] BELL CANADA, CA

[22] 1997-12-24

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[11] **2,226,343**
[13] C

[51] **Int.Cl. 6D06M 13/224 6D06M 13/463**
[25] EN
[54] **BIODEGRADABLE FABRIC SOFTENER COMPOSITIONS WITH IMPROVED PERFUME LONGEVITY [54] COMPOSITIONS D'ADOUCEISSANTS BIODEGRADABLES POUR TISSUS A PARFUM PLUS DURABLE**
[72] HARTMAN, Frederick Anthony, US
[72] DENUTTE, Hugo Robert Germain, BE
[72] SEVERNS, John Cort, US
[72] SIVIK, Mark Robert, US
[72] CHUNG, Alex Haejoon, US
[72] COSTA, Jill Bonham, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-01-06
[86] 1996-06-14 (PCT/US96/10408)
[87] (WO97/03174)
[30] US (08/499,282) 1995-07-07

[11] **2,227,408**
[13] C

[51] **Int.Cl. 6A23G 3/30**
[25] EN
[54] **CHEWING GUM PRODUCT WITH DENTAL CARE BENEFITS [54] CHEWING-GUM AYANT UN EFFET FAVORABLE SUR LA SANTE DENTAIRE**
[72] MISKEWITZ, Regina M., US
[73] CHURCH & DWIGHT COMPANY, INC., US
[85] 1998-01-20
[86] 1996-08-26 (PCT/US96/13497)
[87] (WO97/12523)
[30] US (08/538,215) 1995-10-03

[11] * **2,227,899**
[13] C

[51] **Int.Cl. 6A45C 3/00 6A45C 13/00 6A45C 13/08**
[25] EN
[54] **HALLOWEEN BACKPACK [54] SAC A DOS POUR HALLOWEEN**
[72] MORPHET, Deborah A., CA
[73] MACMOR-FUN GROUP INC., CA
[22] 1998-01-27
[30] US (60/036,631) 1997-01-31

[11] **2,228,278**
[13] C

[51] **Int.Cl. 6C09D 17/00 6C09C 1/36**
[25] EN
[54] **SHEAR PROCESSING OF TIO2 SLURRIES**
[54] **PROCEDE DE TRAITEMENT PAR CISAILLEMENT DE PATES LIQUIDES DE TIO2**
[72] JOHNSON, Robert William, US
[72] GOROWARA, Rajeev Lochan, US
[72] OTT, Michael Warren, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 1998-01-29
[86] 1996-07-31 (PCT/US96/12546)
[87] (WO97/05204)
[30] US (08/510,116) 1995-08-01
[30] US (08/648,636) 1996-05-13

[11] **2,229,177**
[13] C

[51] **Int.Cl. 6A47C 7/54**
[25] EN
[54] **CHAIR SWIVEL ARM REST [54] APPUI-BRAS ARTICULE DE FAUTEUIL**
[72] VAN HATTEN, PAUL NORMAN, CA
[72] BREEN, WILLIAM R., CA
[73] NIGHTINGALE INC., CA
[22] 1998-02-06

[11] **2,229,626**
[13] C

[51] **Int.Cl. 6F27D 1/04 6F22B 1/16**
[25] EN
[54] **REFRACTORY DIFFUSOR FOR INDUSTRIAL HEAT SOURCE [54] DIFFUSEUR REFRACTAIRE POUR SOURCE DE CHALEUR INDUSTRIELLE**
[72] COLLINS, Edwin, US
[72] BOLEBRUCH, Jeffrey J., US
[72] BACCHI, David P., US
[72] REXFORD, Donald G., US
[72] CONNORS, Timothy F., US
[73] BLASCH PRECISION CERAMICS, INC., US
[22] 1998-02-13
[30] US (08/886,114) 1997-06-30

[11] **2,229,942**
[13] C

[51] **Int.Cl. 6H04B 17/00 6H04Q 7/34**
[25] EN
[54] **METHOD AND APPARATUS FOR RATE DETERMINATION IN A COMMUNICATION SYSTEM [54] PROCEDE ET APPAREIL DE DETERMINATION D'UN TAUX DANS UN SYSTEME DE TELECOMMUNICATIONS**
[72] WANG, Michael Mao, US
[72] SCHAFFNER, Terry Michael, US
[72] LING, Fuyun, US
[73] MOTOROLA, INC., US
[85] 1998-02-19
[86] 1997-03-10 (PCT/US97/03405)
[87] (WO97/50191)
[30] US (08/672,155) 1996-06-27

[11] **2,230,549**
[13] C

[51] **Int.Cl. 6H04Q 3/64**
[25] EN
[54] **AUTOMATIC ROUTING TECHNIQUE [54] METHODE D'ACHEMINEMENT AUTOMATIQUE**
[72] FISHMAN, Saul D., US
[72] ZERLING, David, US
[72] CHEN, Jiayu, US
[72] ASH, Gerald R., US
[73] AT&T CORP., US
[22] 1998-02-26
[30] US (08/811,979) 1997-03-05

[11] **2,229,814**
[13] C

[51] **Int.Cl. 6A61K 31/00 6A61K 45/00 6A61K 38/07 6A61K 38/08 6A61K 38/33**
[25] EN
[54] **PERIPHERALLY ACTIVE ANTI-HYPERALGESIC OPIATES [54] OPIACES ANTI-HYPERALGESIQUES A ACTION PERIPHERIQUE**
[72] LEWIS, Michael E., US
[72] DOW, Gordon J., US
[72] FARRAR, John J., US
[72] MAYCOCK, Alan L., US
[72] YAKSH, Tony L., US
[73] REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] ADOLOR CORPORATION, US
[85] 1998-02-18
[86] 1996-09-12 (PCT/US96/14727)
[87] (WO97/09973)
[30] US (08/528,510) 1995-09-12

[11] **2,229,942**
[13] C

[51] **Int.Cl. 6H04B 17/00 6H04Q 7/34**
[25] EN
[54] **METHOD AND APPARATUS FOR RATE DETERMINATION IN A COMMUNICATION SYSTEM [54] PROCEDE ET APPAREIL DE DETERMINATION D'UN TAUX DANS UN SYSTEME DE TELECOMMUNICATIONS**
[72] WANG, Michael Mao, US
[72] SCHAFFNER, Terry Michael, US
[72] LING, Fuyun, US
[73] MOTOROLA, INC., US
[85] 1998-02-19
[86] 1997-03-10 (PCT/US97/03405)
[87] (WO97/50191)
[30] US (08/672,155) 1996-06-27

[11] **2,230,549**
[13] C

[51] **Int.Cl. 6H04Q 3/64**
[25] EN
[54] **AUTOMATIC ROUTING TECHNIQUE [54] METHODE D'ACHEMINEMENT AUTOMATIQUE**
[72] FISHMAN, Saul D., US
[72] ZERLING, David, US
[72] CHEN, Jiayu, US
[72] ASH, Gerald R., US
[73] AT&T CORP., US
[22] 1998-02-26
[30] US (08/811,979) 1997-03-05

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[11] **2,231,075**
[13] C
[51] **Int.Cl. 6B60T 17/04 6B61G 5/08**
[25] EN
[54] **ANGLE COCK WITH JUNCTION BOX**
[54] **ROBINET D'ARRET AVEC BOITE DE JONCTION**
[72] ENGLE, Thomas H., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-03-04
[30] US (947,799) 1997-10-08

[11] **2,231,097**
[13] C
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[54] **METHOD FOR LIMITING BRAKE CYLINDER PRESSURE ON LOCOMOTIVES EQUIPPED WITH DISTRIBUTED POWER AND ELECTRONIC BRAKE SYSTEMS**
[54] **METHODE DE LIMITATION DE LA PRESSION APPLIQUEE AU CYLINDRE DE FREIN DE LOCOMOTIVES EQUIPEES DE SYSTEMES DE DISTRIBUTION D'ALIMENTATION ET DE FREINAGE ELECTRONIQUE**
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[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
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[54] **METHODE DE FABRICATION D'UN VISUEL A CYLINDRES TOURNANTS A VALEURS CHROMATIQUES MULTIPLES**
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[54] **AMPLIFICATEUR D'AUDIOFREQUENCES DOTE D'UNE ENTREE D'HARMONIQUE DE DEUXIEME ET TROISIEME ORDRE, D'UN FILTRAGE DE SORTIE ET D'UNE CORRECTION AUTOMATIQUE DE LA DISTORSION**
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[72] GOSS, JEFFREY J., CA
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[73] SNOW PEAK, INC., JP
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[54] **METHODE DE DETERMINATION DES MATERIALISATIONS OPTIMALES DE BASES DE DONNEES A L'AIDE D'UN OPTIMISEUR D'INTERROGATIONS**
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[13] C

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[54] **ACTUATEUR PIVOTANT ELECTRIQUE ET RETROVISEUR EXTERIEUR A MECANISME DE PIVOTEMENT ELECTRIQUE**
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[72] BROUWER, Stefan Frits, NL
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[72] MOATS, Tommy O., US
[72] MARIER, Gregory J., US
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 1994-06-08
[62] 2,125,417
[30] US (198,762) 1994-02-18

[11] **2,260,160**
[13] C

[51] **Int.Cl. 6A63H 13/02 6A63H 3/20 6A63H 3/28**
[25] EN
[54] **INTERACTIVE TOY**
[54] **JOUET INTERACTIF**
[72] HAMPTON, David Mark, US
[72] CHUNG, Caleb, US
[73] HASBRO, INC., US
[22] 1999-02-01
[30] US (211,101) 1998-12-15

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[11] **2,260,617**
[13] C

[51] **Int.Cl. 6H01R 33/02 6H01R 33/965**
[25] EN
[54] **SUSPENSION CONNECTOR ASSEMBLY HAVING OVER-TRAVEL MALE CONTACT MEMBERS**
[54] **ENSEMBLE DE CONNEXION DE SUSPENSION COMPRENANT DES ELEMENTS DE CONTACT MALE DE SURCOURSE**
[72] SCLAFANI, John P., US
[72] SAVOCA, Paul F., US
[73] DURALINE, A DIVISION OF J. B. NOTTINGHAM CO., INC., US
[22] 1999-01-28
[30] US (09/016,420) 1998-01-30

[11] * **2,261,084**
[13] C

[51] **Int.Cl. 6G06F 9/38**
[25] EN
[54] **A DATA PROCESSING SYSTEM HAVING AN APPARATUS FOR EXCEPTION TRACKING DURING OUT-OF-ORDER OPERATION AND METHOD THEREFOR**
[54] **SYSTEME DE TRAITEMENT DE DONNEES COMPRENANT UN APPAREIL POUR SUIVID'EXCEPTION PENDANT L'UTILISATION EN CONDITION DE DERANGEMENT ET METHODE CORRESPONDANTE**
[72] FRY, Richard E., US
[72] WILLIAMS, Albert T., US
[72] NGUYEN, Doug Q., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1999-02-01
[30] US (09/023891) 1998-02-13

[11] **2,262,629**
[13] C

[51] **Int.Cl. 6G01V 1/52 6G01V 1/44**
[25] EN
[54] **ACOUSTIC ISOLATOR FOR ACOUSTIC WELL LOGGING TOOL**
[54] **ISOLATEUR ACOUSTIQUE DESTINE A UN INSTRUMENT DE DIAGNOSTIC ACOUSTIQUE DES Puits**
[72] ELIZONDO, Enrique, US
[72] ROBERTS, Edwin K., US
[73] COMPUTALOG U.S.A., INC., US
[85] 1999-01-29
[86] 1997-03-10 (PCT/US97/03790)
[87] (WO98/05981)
[30] US (08/691,572) 1996-08-02

[11] **2,264,437**
[13] C

[51] **Int.Cl. 6G05F 1/56**
[25] EN
[54] **VOLTAGE REGULATOR CIRCUIT**
[54] **CIRCUIT DE REGULATEUR DE TENSION**
[72] MEIER, Jürgen, DE
[72] WERNET, Armin, DE
[72] FLORENZ, Hans-Jörg, DE
[73] ENDRESS + HAUSER GMBH + CO., DE
[22] 1999-03-03
[30] EP (98105108.9) 1998-03-20

[11] **2,265,427**
[13] C

[51] **Int.Cl. 6F16K 41/00 6F16K 5/06 6F16K 5/20**
[25] EN
[54] **VALVE WITH FIRE-RESISTANT SEAL**
[54] **SOUPAPE AVEC JOINT D'ETANCHEITE RESISTANT AU FEU**
[72] MAKI, Robert E., US
[73] NORTH AMERICAN CORPORATION, US
[22] 1999-03-15
[30] US (09/044,765) 1998-03-20

[11] **2,266,793**
[13] C

[51] **Int.Cl. 6B60T 8/86**
[25] EN
[54] **DEVICE FOR CONTROLLING RUNNING BEHAVIOR OF VEHICLE BY MATHEMATICAL TIRE MODEL**
[54] **DISPOSITIF DE COMMANDE DE FONCTIONNEMENT D'UN VEHICULE SELON UN MODELE MATHEMATIQUE SE REFERANT AU COMPORTEMENT DES PNEUS**
[72] YOKOYAMA, Tatsuaki, JP
[72] TSUBOI, Toshihiro, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 1999-04-08
[30] JP (10-114126) 1998-04-09
[30] JP (10-332652) 1998-11-24

[11] **2,268,428**
[13] C

[51] **Int.Cl. 6H01S 3/1055**
[25] EN
[54] **LASER MODULE WITH EXTERNAL CAVITY AND OPTICAL FIBRE REFLECTOR**
[54] **MODULE LASER A CAVITE EXTERNE ET REFLECTEUR A FIBRE OPTIQUE**
[72] TALLONE, Luigi, IT
[72] SCOFET, Marco, IT
[72] PAOLETTI, Roberto, IT
[72] MELIGA, Marina, IT
[73] AGILENT TECHNOLOGIES, INC., US
[22] 1999-04-09
[30] IT (TO 98 A 000306) 1998-04-10

[11] **2,268,674**
[13] C

[51] **Int.Cl. 6B29C 45/16 6B29B 17/00**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING PRODUCTS THROUGH THE USE OF WASTE MATERIALS OF VARIOUS KIND, AND PRODUCT OBTAINED THEREWITH**
[54] **METHODE ET APPAREIL POUR LA FABRICATION DE PRODUITS EN UTILISANT DES DECHETS DE DIFFERENTES NATURES ET PRODUIT OBTENU A L'AIDE DE CETTE METHODE ET CET APPAREIL**
[72] BERTOGLIO, Mario, IT
[73] ELMA CHEMICALS S.R.L., IT
[22] 1999-04-08
[30] IT (TV98A000162) 1998-12-22

[11] **2,270,793**
[13] C

[51] **Int.Cl. 6A63B 71/06 6G04B 47/00 6G04F 10/00 6A63B 67/14**
[25] EN
[54] **TIMER BAND**
[54] **BRACELET POUR CHRONOMETRE**
[72] ROBINSON, Rickey Nelson, CA
[73] ROBINSON, Rickey Nelson, CA
[22] 1999-05-05

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[11] * 2,271,533
[13] C

[51] Int.Cl. 6G06F 9/30
[25] EN
[54] DISTRIBUTED INSTRUCTION
COMPLETION LOGIC
[54] LOGIQUE REPARTIE
D'EXECUTION D'INSTRUCTIONS
[72] NGUYEN, Dung Quoc, US
[73] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[22] 1999-05-12
[30] US (09/087,886) 1998-06-01

[11] 2,272,011
[13] C

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

[11] 2,273,776
[13] C

[51] Int.Cl. 6F04B 27/02 6F04B 39/00
6F04C 29/00
[25] EN
[54] HERMETIC COMPRESSOR
ASSEMBLY HAVING A SUCTION
CHAMBER AND TWIN AXIALLY
DISPOSED DISCHARGE CHAMBERS
[54] COMPRESSEUR HERMETIQUE
MUNI D'UNE CHAMBRE
D'ASPIRATION ET DE DEUX
CHAMBRES D'EVACUATION
PLACEES DANS LA DIRECTION
AXIALE
[72] GANNAWAY, Edwin L., US
[73] TECUMSEH PRODUCTS COMPANY,
US
[22] 1999-06-07
[30] US (60/088,754) 1998-06-10
[30] US (09/324,193) 1999-06-02

[11] 2,278,883
[13] C

[51] Int.Cl. 6C07K 1/04 6C07H 21/00
[25] EN
[54] VERY LARGE SCALE
IMMOBILIZED PEPTIDE SYNTHESIS
[54] SYNTHÈSE DE PEPTIDE
IMMOBILISÉ À TRÈS GRANDE
ECHELLE
[72] READ, J. LEIGHTON, US
[72] FODOR, STEPHEN P. A., US
[72] PIRRUNG, MICHAEL C., US
[72] STRYER, LUBERT, US
[73] AFFYMETRIX, INC., US
[22] 1990-06-07
[62] 2,054,706
[30] US (362,901) 1989-06-07
[30] US (492,462) 1990-03-07

[11] 2,279,855
[13] C

[51] Int.Cl. 6G06F 15/18 6G06F 17/30
[25] EN
[54] CONSUMER PROFILING SYSTEM
WITH ANALYTIC DECISION
PROCESSOR
[54] SYSTEME DE DETERMINATION
DU PROFIL DE CONSOMMATEURS A
PROCESSEUR DE DECISION
ANALYTIQUE
[72] SCURLOCK, BRADLEY W., US
[72] SAMMON, THOMAS M. JR., US
[73] AMERICA ONLINE, INC., US
[85] 1999-08-06
[86] 1998-01-28 (PCT/US98/01515)
[87] (WO98/35297)
[30] US (08/794,387) 1997-02-06

[11] 2,281,851
[13] C

[51] Int.Cl. 6G08B 5/36
[25] EN
[54] PORTABLE HAZARD-WARNING
DEVICE
[54] DISPOSITIF DE SIGNALISATION
DE DANGER PORTABLE
[72] WANG, SHIUNN TERNY, TW
[73] WANG, SHIUNN TERNY, TW
[22] 1999-09-10

[11] 2,282,995
[13] C

[51] Int.Cl. 6A47G 23/02 6B60N 3/10
[25] EN
[54] MULTI-SIZE, MULTI-PURPOSE
DRINK CONTAINER HOLDER
[54] PORTE-GOBELET UNIVERSEL ET
POLYVALENT
[72] LAPOINTE, JEAN, CA
[73] LAPOINTE, JEAN, CA
[22] 1999-09-03

[11] 2,283,171
[13] C

[51] Int.Cl. 6A63B 55/00
[25] EN
[54] CORE FOR CADDIE BAG AND
CADDIE BAG USING SAME CORE
[54] MATERIAU POUR PARTIE
CENTRALE D'UN SAC DE GOLF ET
SAC DE GOLF CONSTITUE DE CE
MATERIAU
[72] IWATA, MOTOTAKA, JP
[72] YOSHIDA, SATOSHI, JP
[72] MIURA, KORYO, JP
[73] MIZUNO CORPORATION, JP
[85] 1999-09-10
[86] 1999-01-27 (PCT/JP99/00329)
[87] (WO99/38577)
[30] JP (10-36648) 1998-02-02

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[11] **2,284,248**
[13] C

[51] **Int.Cl. 6G06F 9/45**
[25] EN
[54] **SYSTEM FOR CREATING, EDITING, DISPLAYING, AND EXECUTING RULES-BASED PROGRAMMING LANGUAGE RULES HAVING ACTION PART SUBSETS FOR BOTH TRUE AND FALSE EVALUATION OF THE CONDITIONAL PART**
[54] **SYSTEME POUR CREER, EDITER, EXPOSER ET EXECUTER DES REGLES DE LANGUAGE DE PROGRAMMATION A BASE DE REGLES AYANT UNE PART DE SOUS-ENSEMBLE D' ACTIONS POUR L' EVALUATION AU CONDITIONNEL DE VRAI OU FAUX**
[72] TAUGHER, JAMES E., CA
[72] CHONG, DANIEL T., CA
[72] ROBERTSON, MICHAEL, CA
[72] YAFFE, JOHN, CA
[72] KNUDSEN, HELGE, CA
[72] PLAZAK, ZBIGNIEW, CA
[73] AMDAHL CORPORATION, US
[22] 1990-09-04
[62] 2,066,724
[30] US (402,862) 1989-09-01
[30] US (450,298) 1989-12-13

[11] **2,284,250**
[13] C

[51] **Int.Cl. 6G06F 9/45 6G06F 17/30**
[25] EN
[54] **COMPUTER METHOD FOR IMPLEMENTING A GET INSTRUCTION**
[54] **PROCEDE INFORMATIQUE POUR METTRE EN APPLICATION UNE DIRECTIVE POUR TROUVER**
[72] TAUGHER, JAMES E., CA
[72] PLAZAK, ZBIGNIEW, CA
[72] CHONG, DANIEL T., CA
[72] YAFFE, JOHN, CA
[72] ROBERTSON, MICHAEL, CA
[72] KNUDSEN, HELGE, CA
[73] AMDAHL CORPORATION, US
[22] 1990-09-04
[62] 2,066,724
[30] US (402,862) 1989-09-01
[30] US (450,298) 1989-12-13

[11] **2,285,123**
[13] C

[51] **Int.Cl. 6B64F 1/20 6F21V 21/14**
[25] EN
[54] **HEIGHT AND AZIMUTH ADJUSTABLE CONTAINERS**
[54] **CONTENANTS A REGLAGE DE HAUTEUR ET D' AZIMUT**
[72] REINERT, GARY L., SR., US
[73] REINERT, GARY L., SR., US
[22] 1993-12-29
[62] 2,152,189
[30] US (08/002,014) 1993-01-08
[30] US (08/058,356) 1993-05-10
[30] US (08/171,094) 1993-12-21

[11] **2,288,188**
[13] C

[51] **Int.Cl. 6H04J 1/16 6H04J 3/14**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING SYNCHRONIZATION DURING TRANSCODER SWITCHING IN A COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE SYNCHRONISATION PENDANT LA COMMUTATION D' UN TRANSCODEUR DANS UN SYSTEME DE COMMUNICATION**
[72] LIN, HARN-JIER, US
[73] MOTOROLA, INC., US
[85] 1999-10-25
[86] 1998-02-10 (PCT/US98/02431)
[87] (WO98/49793)
[30] US (08/845,293) 1997-04-25

[11] **2,298,109**
[13] C

[51] **Int.Cl. 7A23B 7/16 7A23B 5/06 7A23C 21/06 7A23B 7/08 7A23B 4/10 7A23B 9/14**
[25] EN
[54] **CASEINATE-WHEY CROSSLINKED COVERING AGENT**
[54] **AGENT D' ENROBAGE RETICULE A BASE DE CASEINATE-LACTOSERUM**
[72] MATEESCU, MIRCEA-ALEXANDRU, CA
[72] LACROIX, MONIQUE, CA
[72] DELMAS-PATTERSON, GENEVIEVE, CA
[73] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[73] UNIVERSITE DU QUEBEC A MONTREAL, CA
[22] 2000-02-22
[30] CA (2,262,310) 1999-02-22

[11] * **2,301,481**
[13] C

[51] **Int.Cl. 7A47L 13/26 7A47L 13/03 7A47L 13/12**
[25] EN
[54] **COMPACT MULTI-PURPOSE CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE POLYVALENT COMPACT**
[72] GILLESPIE, MARY-LYNNE M., CA
[73] GILLESPIE, MARY-LYNNE M., CA
[22] 2000-03-03

[11] **2,303,024**
[13] C

[51] **Int.Cl. 7G06F 13/38 7G06F 15/17**
[25] EN
[54] **APPARATUS AND METHOD FOR PROTOCOL APPLICATION DATA FRAME OPERATION REQUESTS INTERFACING WITH AN INPUT/ OUTPUT DEVICE**
[54] **APPAREIL ET PROCEDE D' INTERFACAGE ENTRE DES DEMANDES DE MISE EN OEUVRE D' APPLICATIONS DE PROTOCOLES SUR DES TRAMES DE DONNEES, ET UN DISPOSITIF D' E/S DE TRAMES DE DONNEES**
[72] COOK, STEVEN R., US
[73] MOTOROLA, INC., US
[85] 2000-03-10
[86] 1998-07-31 (PCT/US98/16156)
[87] (WO99/14681)
[30] US (08/938,947) 1997-09-12

[11] **2,306,537**
[13] C

[51] **Int.Cl. 6C08B 37/00 6C08L 5/00**
[25] EN
[54] **CEREAL BETA GLUCAN COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS DE BETA-GLUCANE CEREALIER ET PROCEDES ASSOCIES**
[72] REDMOND, MARK J., CA
[73] CEAPRO INC., CA
[85] 2000-05-25
[86] 1999-05-27 (PCT/CA99/00486)
[87] (WO99/61480)
[30] US (60/086,955) 1998-05-27

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[11] 2,312,044
[13] C

[51] **Int.Cl. 7G11B 21/10**
[25] EN
[54] **DIGITAL SERVO CONTROL SYSTEM FOR USE IN DISK DRIVES**
[54] **SYSTEME DE SERVOCOMMANDE NUMERIQUE POUR LECTEURS DE DISQUES**
[72] KADLEC, RONALD JAMES, US
[72] FREDERICK, THOMAS JAMES, US
[72] WEILBACHER, PHILIP SAXTON, US
[72] KELLEY, PAUL HENRY, US
[73] Rodime plc, GB
[22] 1991-09-17
[62] 2,235,104
[30] US (583,972) 1990-09-18

[11] 2,312,605
[13] C

[51] **Int.Cl. 7E06B 9/01**
[25] EN
[54] **WINDOW GATE**
[54] **GUICHET**
[72] CHRISTOPOULOUS, GEORGE, CA
[73] CHRISTOPOULOUS, GEORGE, CA
[22] 2000-06-23
[30] CA (2,276,969) 1999-07-06

[11] 2,313,432
[13] C

[51] **Int.Cl. 7B26B 19/38**
[25] EN
[54] **BLADESET FOR HAIR CLIPPERS INCLUDING BLADE WITH HAIR EVACUATION CONFIGURATION**
[54] **ENSEMBLE DE LAMES POUR TONDEUSE A CHEVEUX INCLUANT UNE LAME DONT LA CONFIGURATION PERMET D'EVACUER LES CHEVEUX**
[72] WAHL, GREGORY S., US
[72] ELSTON, ANDREW, US
[73] Wahl Clipper Corporation, US
[22] 1997-07-31
[62] 2,212,132
[30] US (08/694,991) 1996-08-09

[11] 2,313,433
[13] C

[51] **Int.Cl. 7B26B 19/38**
[25] EN
[54] **BLADESET FOR HAIR CLIPPERS INCLUDING BLADE WITH HAIR EVACUATION CONFIGURATION**
[54] **ENSEMBLE DE LAMES POUR TONDEUSE A CHEVEUX INCLUANT UNE LAME DONT LA CONFIGURATION PERMET D'EVACUER LES CHEVEUX**
[72] WAHL, GREGORY S., US
[72] ELSTON, ANDREW, US
[73] Wahl Clipper Corporation, US
[22] 1997-07-31
[62] 2,212,132
[30] US (08/694,991) 1996-08-09

[11] 2,314,717
[13] C

[51] **Int.Cl. 7B60T 15/18**
[25] EN
[54] **COMBINATION MOTOR/PNEUMATIC DRIVEN TRAIN BRAKE PIPE PRESSURE EXHAUST VALVE**
[54] **ROBINET D'ECHAPPEMENT DE CONDUITE A DISPOSITIF DE COMMANDE A MOTEUR ET A DISPOSITIF DE COMMANDE PNEUMATIQUE**
[72] HART, JAMES E., US
[72] BEZOS, ANGEL P., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1997-08-13
[62] 2,213,013
[30] US (831,485) 1997-03-31

[11] 2,316,454
[13] C

[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
[73] CRYOVAC, INC., US
[22] 1991-08-27
[62] 2,050,026
[30] US (579,009) 1990-09-07

[11] 2,318,177
[13] C

[51] **Int.Cl. 6F16F 15/30**
[25] EN
[54] **FLYWHEEL WITH SELF-EXPANDING HUB**
[54] **VOLANT MUNI D'UN MOYEU A AUTO-EXTENSION**
[72] SWETT, DWIGHT W., US
[73] OPTIMAL ENERGY SYSTEMS, INC., US
[85] 2000-07-12
[86] 1998-12-23 (PCT/US98/27466)
[87] (WO99/53597)
[30] US (09/006,475) 1998-01-13

[11] 2,319,870
[13] C

[51] **Int.Cl. 7A47C 7/02 7A47C 3/00 7A47C 5/02 7A47C 3/20**
[25] EN
[54] **WOVEN FABRIC MEMBRANE FOR A SEATING SURFACE**
[54] **MEMBRANE DE TISSU POUR LA SURFACE D'UN SIEGE**
[72] SAYERS, RANDY J., US
[72] COFFIELD, TIMOTHY P., US
[72] KELLER, CAROLYN, US
[72] CAMMENGA, ERIC, US
[72] BRUNER, JEFFREY W., US
[72] SCHOENFELDER, RODNEY C., US
[72] STUMPF, WILLIAM E., US
[72] CHADWICK, DONALD, US
[73] HERMAN MILLER, INC., US
[22] 1993-06-15
[62] 2,136,967
[30] US (07/898,907) 1992-06-15

[11] 2,319,884
[13] C

[51] **Int.Cl. 7A47C 3/40 7A47C 3/30**
[25] EN
[54] **PNEUMATIC SUPPORT COLUMN FOR A CHAIR**
[54] **COLONNE A SUPPORT PNEUMATIQUE POUR UNE CHAISE**
[72] STUMPF, WILLIAM E., US
[72] CHADWICK, DONALD, US
[72] MILES, GEORGE A., US
[72] SCHOENFELDER, RODNEY C., US
[73] HERMAN MILLER, INC., US
[22] 1993-06-15
[62] 2,136,967
[30] US (07/898,907) 1992-06-15

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[11] **2,321,431**
[13] C

[51] **Int.Cl. 6H01M 10/40 6H01M 2/16**
[25] EN
[54] **COMPOSITE POLYMER
ELECTROLYTE FOR A
RECHARGEABLE LITHIUM BATTERY**
[54] **ELECTROLYTE POLYMERE
COMPOSITE POUR PILE AU LITHIUM
RECHARGEABLE**
[72] JACOBS, JAMES K., CA
[72] DASGUPTA, SANKAR, CA
[73] ELECTROFUEL INC., CA
[85] 2000-08-17
[86] 1999-03-30 (PCT/CA99/00276)
[87] (WO99/54953)
[30] US (60/082,341) 1998-04-20
[30] US (09/104,277) 1998-06-25

[11] **2,322,356**
[13] C

[51] **Int.Cl. 6G07F 7/08**
[25] EN
[54] **CREDIT CARD SYSTEM AND
METHOD**
[54] **SYSTEME ET PROCEDE DE
CARTE DE CREDIT**
[72] O'DONNELL, GRAHAM, IE
[72] FLITCROFT, DANIEL IAN, IE
[73] ORBIS PATENTS LIMITED, IE
[85] 2000-09-12
[86] 1999-03-25 (PCT/IE99/00016)
[87] (WO99/49424)
[30] IE (S980223) 1998-03-25
[30] IE (S980346) 1998-05-07
[30] IE (S980458) 1998-06-15
[30] US (60/092,500) 1998-07-13
[30] US (60/098,175) 1998-08-26
[30] US (60/099,614) 1998-09-09
[30] US (09/235,836) 1999-01-22

[11] **2,323,180**
[13] C

[51] **Int.Cl. 7A01N 25/10 7A01N 47/14
7A01N 57/16 7A01N 37/18 7A01N 57/20
7A01N 33/22 7A01N 37/34 7A01N 43/653
7A01N 43/78 7A01N 43/80**
[25] EN
[54] **STABLE PESTICIDE DISPERSIONS**
[54] **DISPERSIONS STABLES DE
PESTICIDES**
[72] HOUGHTON, RICHARD DAVID, US
[72] GORE, ROBERT HOWARD, US
[72] MATHIS, WILLIAM DEAN, US
[72] STEVENS, BRIDGET MARIE, US
[72] NGUYEN, LUONG TU, US
[72] MACHLEDER, WARREN HARVEY,
US
[72] SUN, YAN, US
[73] ROHM AND HAAS COMPANY, US
[22] 1998-04-21
[62] 2,235,258
[30] US (60/045,195) 1997-04-30

[11] **2,323,547**
[13] C

[51] **Int.Cl. 7B23K 9/00 7B23K 9/24**
[25] EN
[54] **ENHANCED CONTACT AREA
QUICK RELEASE MIG GUN TIP**
[54] **TUBE-CONTACT DE PISTOLET
DE SOUDAGE MIG, A POSE RAPIDE ET
A SURFACE DE CONTACT AMELIOREE**
[72] COLLING, RONALD W., US
[73] Miller Electric Manufacturing Company,
US
[22] 1996-09-23
[62] 2,186,213
[30] US (08/579,123) 1995-12-26

[11] **2,328,238**
[13] C

[51] **Int.Cl. 7H04N 7/50**
[25] EN
[54] **METHOD OF PREPROCESSING A
DIGITAL DATA STREAM**
[54] **PROCEDE POUR PRE-TRAITER
UNE CHAINE DE DONNEES
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[72] PAWSON, DAVE, US
[72] PORTER, MARK A., US
[73] ORACLE CORPORATION, US
[22] 1996-07-12
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[30] US (08/502,480) 1995-07-14

[11] **2,329,197**
[13] C

[51] **Int.Cl. 7G07D 3/00 7G07D 3/06**
[25] EN
[54] **COIN SORTER**
[54] **TRIEUSE COMPTEUSE DE
MONNAIE**
[72] CASANOVA, SCOTT D., US
[72] WATTS, GARY P., US
[72] GEIB, JOSEPH J., US
[72] MAZUR, RICHARD A., US
[72] MENNIE, DOUGLAS U., US
[73] CUMMINS-ALLISON CORP., US
[22] 1997-01-09
[62] 2,194,713
[30] US (08/587,849) 1996-01-11

[11] **2,330,358**
[13] C

[51] **Int.Cl. 7G06F 3/14 7G06F 17/30**
[25] EN
[54] **METHOD AND APPARATUS FOR
MANAGING A COMPUTER NETWORK**
[54] **PROCEDE DE GESTION DE
RESEAU INFORMATIQUE ET
APPAREIL CORRESPONDANT**
[72] HAMNER, JOHN F., US
[72] TRAN, DZUNG D., US
[72] SEVY, BRIAN D., US
[72] NIEMANN, KATHERINE D., US
[72] DESPAIN, JEFFREY L., US
[72] JANICH, SANDRA, US
[72] WELCH, FRANK K., US
[73] INTEL CORPORATION, US
[22] 1996-12-20
[62] 2,241,003
[30] US (08/577,875) 1995-12-22

[11] **2,330,706**
[13] C

[51] **Int.Cl. 7H04M 11/06**
[25] EN
[54] **INTERNET ACCESS SYSTEM
USING VOICEBAND MODEMS AND
OUT-OF-BAND TRANSMISSION OVER
LOCAL LOOP LINES**
[54] **SYSTEME D'ACCES A INTERNET
UTILISANT DES MODEMS DE BANDE
VOCALE ET DE TRANSMISSION HORS
BANDES PAR LES LIGNES
D'ABONNEES**
[72] CRUDER, OLIVER, CA
[72] LABBE, SAMUEL M., CA
[73] SASKTEL, CA
[85] 2001-02-05
[86] 1999-09-22 (PCT/CA99/00865)
[87] (WO00/18102)
[30] US (09/158,569) 1998-09-22

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[21] **2,306,241**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 14/47 7C12N 15/67**
[25] EN
[54] **RETINAL GPI-ANCHORED SMALL LEUCINE-RICH OF PROTEOGLYCAN GENE**
[54] **GENE CODANT POUR UN PETIT PROTEOGLYCANE A ANCRE GPI RICHE EN LEUCINE DANS LA RETINE**
[72] BECH-HANSEN, N. TORBEN, CA
[71] BECH-HANSEN, N. TORBEN, CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,307,866**
[13] A1
[51] **Int.Cl. 7B62J 6/00**
[25] FR
[54] **DRAPEAU ROTATIF**
[54] **ROTATING FLAG**
[72] DORMIER, PASCAL, CA
[71] DORMIER, PASCAL, CA
[22] 2000-05-17
[43] 2001-11-17

[21] **2,307,927**
[13] A1
[51] **Int.Cl. 7F02M 27/00 7F02B 51/00 7F02M 21/02 7F02B 1/12**
[25] EN
[54] **SELF-IGNITING GASEOUS FUEL INJECTOR FOR INTERNAL COMBUSTION ENGINE**
[54] **INJECTEUR DE CARBURANT GAZEUX AUTO-INFLAMMABLE POUR MOTEUR A COMBUSTION INTERNE**
[72] SHRESTHA, SHIVA OM BADE, CA
[71] SHRESTHA, SHIVA OM BADE, CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,307,977**
[13] A1
[51] **Int.Cl. 7E03D 9/04**
[25] FR
[54] **UNKNOWN**
[54] **UNKNOWN**
[72] GRONDIN, MICHEL, CA
[71] GRONDIN, MICHEL, CA
[22] 2000-05-16
[43] 2001-11-16

[21] **2,308,015**
[13] A1
[51] **Int.Cl. 7B81C 1/00 7B82B 3/00**
[25] EN
[54] **METHOD FOR MANUFACTURING CARBON NANOTUBES AS FUNCTIONAL ELEMENTS OF MEMS DEVICES**
[54] **METHODE POUR FABRIQUER DES NANOTUBES DE CARBONE EN TANT QU'ELEMENTS FONCTIONNELS DE DISPOSITIFS MEMS**
[72] MANCEVSKI, VLADIMIR, US
[71] XIDEX CORPORATION, US
[22] 2000-05-11
[43] 2001-11-11

[21] **2,308,020**
[13] A1
[51] **Int.Cl. 7G06F 3/033**
[25] EN
[54] **PEN-PAPER COMPUTER INPUT DEVICE**
[54] **PERIPHERIQUE D'ENTREE A PAPIER ET PLUME**
[72] PICARD, WAYNE F. J., CA
[71] PICARD, WAYNE F. J., CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,033**
[13] A1
[51] **Int.Cl. 7B27C 1/14 7B27B 7/00 7B27C 5/00**
[25] FR
[54] **SYSTEME DE SUSPENSION D'OUTILS DE COUPE POUR LA TRANSFORMATION DU BOIS DE SCIAGE**
[54] **SUSPENSION SYSTEM FOR CUTTING DEVICES IN LUMBER PROCESSING**
[72] STE-CROIX, EDDY, CA
[72] ACHARD, RENE, CA
[72] PERREAULT, JEAN-PIERRE, CA
[71] STE-CROIX, EDDY, CA
[71] ACHARD, RENE, CA
[71] PERREAULT, JEAN-PIERRE, CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,039**
[13] A1
[51] **Int.Cl. 7A01K 1/01**
[25] FR
[54] **COLLECTEUR D'EXCREMENTS DE CHIENS**
[54] **DEVICE FOR COLLECTING DOG DROPPINGS**
[72] IGLESIAS-ROBIN, MARIA JOSEFA, CA
[72] ROBIN, MARTIAL, CA
[71] IGLESIAS-ROBIN, MARIA JOSEFA, CA
[71] ROBIN, MARTIAL, CA
[22] 2000-05-16
[43] 2001-11-16

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[21] **2,308,043**
[13] A1

[51] **Int.Cl. 7G01R 31/34 7G01R 31/06**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTION, CLASSIFICATION AND REDUCTION OF INTERNAL ELECTRICAL FAULTS IN ALTERNATING CURRENT PROPULSION MACHINERY USING SYNCHRONOUS DETECTION SCHEME**
[54] **METHODE ET APPAREIL POUR LA DETECTION, LA CLASSIFICATION ET LA REDUCTION DES FAILLES ELECTRIQUES INTERNES DANS LES MACHINES A PROPULSION A COURANT ALTERNATIF A L'AIDE D'UN MECANISME DE DETECTION SYNCHRONE**
[72] KUZNETSOV, STEPHEN B., US
[71] POWER SUPERCONDUCTOR APPLICATIONS CORPORATION, US
[22] 2000-05-11
[43] 2001-11-11

[21] **2,308,089**
[13] A1

[51] **Int.Cl. 7A63C 11/22**
[25] EN
[54] **POLE PLUGS**
[54] **EMBOUTS DE BATON**
[72] VAGLIARDO, GIACOMO, CA
[71] VAGLIARDO, GIACOMO, CA
[22] 2000-05-11
[43] 2001-11-11

[21] **2,308,096**
[13] A1

[51] **Int.Cl. 7A61L 15/58**
[25] EN
[54] **ADHESIVE SUTURE STRIP**
[54] **BANDE DE SUTURE ADHESIVE**
[72] BENCHABANE, MAHMED, CA
[72] TETREAULT, STEPHANE, CA
[72] PHANEUF, SIMON, CA
[71] ADVANCED THERAPEUTIC TECHNOLOGIES AT2 INC., CA
[22] 2000-05-11
[43] 2001-11-11

[21] **2,308,101**
[13] A1

[51] **Int.Cl. 7A61G 7/00**
[25] EN
[54] **MATTRESS SECTION SUPPORT**
[54] **SUPPORT POUR SECTION DE MATELAS**
[72] ELLIS, CRAIG D., US
[71] HILL-ROM SERVICES, INC., US
[22] 2000-05-11
[43] 2001-11-11

[21] **2,308,105**
[13] A1

[51] **Int.Cl. 7A61K 35/14 7A61K 41/00 7A61K 38/20**
[25] EN
[54] **TREATMENT OF IL-10 DEFICIENCIES**
[54] **TRAITEMENT DES CARENCES EN IL-10**
[72] BOLTON, ANTHONY, GB
[72] SAUDER, DANIEL, CA
[72] MANDEL, ARKADY, CA
[71] VASOGEN IRELAND LIMITED, IE
[22] 2000-05-11
[43] 2001-11-11

[21] **2,308,129**
[13] A1

[51] **Int.Cl. 7F01B 9/06 7F02B 75/32**
[25] EN
[54] **GAS AND AIR ENGINE**
[54] **MOTEUR A ESSENCE ET A AIR**
[72] ZEMBRZUSKI, LEONARD, PL
[71] SPACIAL DYNAMICS INTERNATIONAL CORP., CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,133**
[13] A1

[51] **Int.Cl. 7H01L 27/00**
[25] EN
[54] **HEXAGONAL MICROELECTRONIC INTEGRATED CIRCUIT CHIP**
[54] **PUCE HEXAGONALE DE CIRCUIT INTEGRE MICROELECTRONIQUE**
[72] SUNATORI, GO SIMON, CA
[71] SUNATORI, GO SIMON, CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,161**
[13] A1

[51] **Int.Cl. 7G06K 19/06**
[25] EN
[54] **ECOMCARD**
[54] **ECOMCARD (CARTE POUR TRANSACTIONS ELECTRONIQUES)**
[72] UNKNOWN, ZZ
[71] ALLNET SECOM CORP., CA
[22] 2000-05-11
[43] 2001-11-11

[21] **2,308,261**
[13] A1

[51] **Int.Cl. 7H04L 12/46 7H04L 12/22 7H04L 12/66**
[25] EN
[54] **VLAN IMPLEMENTATION SYSTEM AND ON-DEMAND ROUTABLE IP ADDRESS SERVICE**
[54] **SYSTEME DE MISE EN APPLICATION DE RESEAU LOCAL VIRTUEL ET SERVICE D'ADRESSES IP ROUTABLES SUR DEMANDE**
[72] WILSON, TIM, CA
[71] SOLUTION INC. LIMITED, CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,352**
[13] A1

[51] **Int.Cl. 7B65H 35/07**
[25] EN
[54] **COMBINATORIAL MULTI-USE TAPE DISPENSER**
[54] **DEVIDOIR DE RUBAN COMBINATOIRE A USAGES MULTIPLES**
[72] TSAI, CHING TSUNG, CN
[71] TSAI, CHING TSUNG, TW
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,354**
[13] A1

[51] **Int.Cl. 7B65G 15/22 7B65G 21/10**
[25] EN
[54] **MODULAR CONVEYOR**
[54] **CONVOYEUR MODULAIRE**
[72] THURSTON, DONALD S., CA
[72] CARDINO, GARY M., CA
[71] THURSTON, DONALD S., CA
[71] CARDINO, GARY M., CA
[22] 2000-05-12
[43] 2001-11-12

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[21] **2,308,502**
[13] A1

[51] **Int.Cl. 7F16M 11/24 7B66F 3/44**
[25] EN
[54] **MOTION PLATFORM**
[54] **PLATE-FORME MOBILE**
[72] OLESON, MARK, CA
[72] CHRYSTALL, KEITH G., CA
[72] MONCKTON, SIMON P., CA
[71] ALBERTA RESEARCH COUNCIL,
CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,514**
[13] A1

[51] **Int.Cl. 7H01M 8/22**
[25] EN
[54] **METHOD OF HYDROGEN
GENERATION FOR FUEL CELL
APPLICATIONS AND A HYDROGEN-
GENERATING SYSTEM**
[54] **METHODE DE PRODUCTION
D'HYDROGENE POUR DES
APPLICATIONS DE PILE A
COMBUSTIBLE ET UN SYSTEME DE
PRODUCTION D'HYDROGENE**
[72] ZALUSKI, LESZEK, CA
[72] ZALUSKA, ALICJA, CA
[72] Strom-Olsen, John O., CA
[71] MCGILL UNIVERSITY, CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,516**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G07F 19/00
7G06F 17/60**
[25] EN
[54] **AUTOMATED BILL PAYMENT
SYSTEM**
[54] **SYSTEME DE PAIEMENT
AUTOMATISE DES FACTURES**
[72] SENEZ, RAYMOND, CA
[72] LOEWEN, WILLIAM H., CA
[71] CTI-COMTEL INC., CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,517**
[13] A1

[51] **Int.Cl. 7A47K 7/02 7A41D 19/00**
[25] EN
[54] **BATH GLOVE**
[54] **GANT DE TOILETTE**
[72] CHANG, CHE-YUAN, TW
[71] CHANG, CHE-YUAN, TW
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,519**
[13] A1

[51] **Int.Cl. 7B60S 13/00 7B62B 3/10**
[25] EN
[54] **SNOWMOBILE SUPPORT
ASSEMBLY**
[54] **SUPPORT POUR MOTONEIGE**
[72] FORGUES, PIERRE, CA
[71] FORGUES, PIERRE, CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,530**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61K 9/20
7A23L 1/30 7A61K 9/48 7A61K 31/56**
[25] EN
[54] **METHOD FOR INHIBITING OR
REDUCING THE RISK OF MACULAR
DEGENERATION**
[54] **METHODE POUR PREVENIR OU
REDUIRE LE RISQUE DE
DEGENERESCENCE MACULAIRE**
[72] JENKS, BELINDA H., US
[71] PROTEIN TECHNOLOGIES
INTERNATIONAL INC., US
[22] 2000-05-11
[43] 2001-11-11

[21] **2,308,545**
[13] A1

[51] **Int.Cl. 7C25C 3/22 7B09B 3/00 7C25C
3/06**
[25] EN
[54] **PROCESS FOR THERMAL
DESTRUCTION OF SPENT POTLINERS**
[54] **PROCEDE DE DESTRUCTION
THERMIQUE DE REVETEMENTS DE
CREUSET USES**
[72] VON STEIGER, HANS O., US
[72] VICK, STEVEN C., US
[71] VON STEIGER, HANS O., US
[71] VICK, STEVEN C., US
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,559**
[13] A1

[51] **Int.Cl. 7C07D 411/04 7C07D 327/04
7C07D 411/12**
[25] EN
[54] **1, 3-OXATHIOLAN-5-ONES
USEFUL IN THE PRODUCTION OF
ANTIVIRAL NUCLEOSIDE
ANALOGUES**
[54] **1,3-OXATHIOLAN-5-ONES UTILES
POUR LA PREPARATION
D'ANALOGUES DE NUCLEOSIDES
ANTIVIRAUX**
[72] HORNE, STEPHEN, CA
[72] MURTHY, K.S. KESHAVA, CA
[72] REDDY, GURIJALA V., CA
[72] SENANAYAKE,
CHANDRAWANSHA B.W., CA
[72] RADATUS, BRUNO KONRAD, CA
[71] BRANTFORD CHEMICALS INC., CA
[22] 2000-05-16
[43] 2001-11-16

[21] **2,308,561**
[13] A1

[51] **Int.Cl. 7B23C 3/00**
[25] EN
[54] **PORTABLE DEVICE TO MACHINE
HOLES**
[54] **DISPOSITIF PORTABLE DE
PERCAGE DE TROUS**
[72] ORDEIG, MIGUEL ANGEL, AR
[71] ORDEIG, MIGUEL ANGEL, AR
[22] 2000-05-16
[43] 2001-11-16

[21] **2,308,563**
[13] A1

[51] **Int.Cl. 7A01G 3/02**
[25] EN
[54] **IMPROVEMENT ON GARDENING
SHEARS**
[54] **AMELIORATION DE CISAILLES**
[72] HUANG, SHOEI-SHIN, CN
[71] HUANG, SHOEI-SHIN, CN
[22] 2000-05-16
[43] 2001-11-16

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[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04L 12/56**
[25] EN
[54] **COMMUNICATION STRUCTURE FOR MULTIPLEXED LINKS**
[54] **STRUCTURE DE COMMUNICATION POUR LIAISONS MULTIPLEXEES**
[72] VAN HEESWYK, FRANK M., CA
[72] KSCHISCHANG, FRANK, CA
[72] FRAZER, MARK J., CA
[72] SNELGROVE, W. MARTIN, CA
[72] MANTHA, RAMESH, CA
[71] VAN HEESWYK, FRANK M., CA
[71] KSCHISCHANG, FRANK, CA
[71] FRAZER, MARK J., CA
[71] SNELGROVE, W. MARTIN, CA
[71] MANTHA, RAMESH, CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,574**
[13] A1

[51] **Int.Cl. 7B60R 1/10**
[25] EN
[54] **FORWARD VIEWING MIRROR ASSEMBLY**
[54] **MIROIR DE VISION AVANT**
[72] HOWIE, DOUGLAS A., CA
[72] HOWIE, CHRISTOPHER, CA
[72] HOWIE, JAMES H., CA
[71] HOWIE, DOUGLAS A., CA
[71] HOWIE, CHRISTOPHER, CA
[71] HOWIE, JAMES H., CA
[22] 2000-05-16
[43] 2001-11-16

[21] **2,308,592**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 12/16**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING REPUTATION OF INTERLINKED PAGES**
[54] **METHODE ET SYSTEME DE DETERMINATION DE LA REPUTATION DE PAGES INTERRELIEES**
[72] RAFIEI, DAVOOD, CA
[72] MENDELZON, ALBERTO O., CA
[71] RAFIEI, DAVOOD, CA
[71] MENDELZON, ALBERTO O., CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,595**
[13] A1

[51] **Int.Cl. 7A45F 5/00**
[25] EN
[54] **CELLULAR/PORTABLE PHONE HOLDER**
[54] **SUPPORT POUR TELEPHONE CELLULAIRE OU TELEPHONE PORTABLE**
[72] LIND, HARVEY (DECEASED), CA
[71] SUR GRIP HOLSTERS, LIMITED, CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,605**
[13] A1

[51] **Int.Cl. 7A01G 25/09**
[25] EN
[54] **A CORNER IRRIGATION SYSTEM INCLUDING A GPS GUIDANCE SYSTEM**
[54] **SYSTEME D'IRRIGATION DES COINS COMPRENANT UN SOUS-SYSTEME DE GUIDAGE PAR GPS**
[72] CHAPMAN, JOHN A., US
[72] SEGAL, VINCE G., US
[71] VALMONT INDUSTRIES, INC., US
[22] 2000-05-16
[43] 2001-11-16

[21] **2,308,617**
[13] A1

[51] **Int.Cl. 7B63C 1/02**
[25] EN
[54] **FLOATING DOCK**
[54] **QUAI FLOTTANT**
[72] IRLMEIER, STEVE, US
[72] SCHAFER, CHRISTOPHER E., US
[72] MCCUEN, KURT L., US
[72] GRUHN, RYAN B., US
[72] IRLMEIER, MICHAEL E., US
[72] LITTLER, PHILIP R., US
[71] SCHAFER SYSTEMS INC., US
[22] 2000-05-16
[43] 2001-11-16

[21] **2,308,641**
[13] A1

[51] **Int.Cl. 7C21D 9/56 7F27B 9/30**
[25] EN
[54] **HEARTH ROLLS FOR HEATING FURNACE AND SOAKING FURNACE OF VERTICAL HEAT TREATING FURNACE AND VERTICAL HEAT TREATING FURNACE INCLUDING HEARTH ROLLS**
[54] **CYLINDRES DE CHAUFFAGE ET DE MAINTIEN A TEMPERATURE POUR FOUR DE TRAITEMENT THERMIQUE VERTICAL, ET FOUR DE TRAITEMENT THERMIQUE VERTICAL COMPRENANT DES CYLINDRES**
[72] IIDA, SACHIHIRO, JP
[71] KAWASAKI STEEL CORPORATION, JP
[22] 2000-05-17
[43] 2001-11-17

[21] **2,308,654**
[13] A1

[51] **Int.Cl. 7G06F 19/00 7H04L 29/10**
[25] EN
[54] **A COMPUTER MODULE**
[54] **MODULE INFORMATIQUE**
[72] DIONNE, DONALD J., CA
[72] DURRANT, MICHAEL D., CA
[71] RT-CONTROL, CA
[22] 2000-05-17
[43] 2001-11-17

[21] **2,308,662**
[13] A1

[51] **Int.Cl. 7F16B 23/00**
[25] EN
[54] **SCREW WITH AN IMPROVED HEAD STRUCTURE AND PUNCH FOR FORMING SAME**
[54] **VIS A TETE AMELIOREE ET FOULOIR POUR SA FABRICATION**
[72] LU, CHENG CHUAN, TW
[71] LU, CHENG CHUAN, TW
[22] 2000-05-17
[43] 2001-11-17

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[13] A1

[51] **Int.Cl. 7B65D 88/66**
[25] EN
[54] **SILO DESTINE A STOCKAGE DE PRODUITS PULVERULENTS ET PRESENTANT UN FOND VIBRANT**
[54] **SILO FOR STORING PULVERULENT PRODUCTS WHICH HAVE A VIBRATING BOTTOM**
[72] HAQUETTE, MICHEL, FR
[71] INDUSTRIES SERVICES ET CONSEILS (I.S.E.R.C.O.), FR
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,675**
[13] A1

[51] **Int.Cl. 7C08F 236/12**
[25] EN
[54] **HYDROGENATED VINYL AROMATIC-DIENE-NITRILE RUBBER**
[54] **CAOUTCHOUC VINYL AROMATIQUE-DIENE-NITRILE HYDROGENE**
[72] GUO, SHARON X., CA
[71] BAYER INC., CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,679**
[13] A1

[51] **Int.Cl. 7E21B 17/02**
[25] EN
[54] **DRILLING TOOL**
[54] **OUTIL A PERCER**
[72] BALSAL, MANUEL, CA
[71] CANADIAN DOWNHOLE DRILL SYSTEMS INC., CA
[22] 2000-05-17
[43] 2001-11-17

[21] **2,308,685**
[13] A1

[51] **Int.Cl. 7B41M 5/00**
[25] EN
[54] **HIGH SOLIDS INTERACTIVE COATING COMPOSITION, INK JET RECORDING MEDIUM AND METHOD**
[54] **COMPOSITION DE REVETEMENT INTERACTIF A HAUTE TENEUR EN SOLIDES, SUPPORT ET METHODE D'ENREGISTREMENT A JET D'ENCRE**
[72] TRITZ, LELAND O., US
[72] SPREDA, KAREN K., US
[72] SCHLIESMAN, LEONARD J., US
[71] CONSOLIDATED PAPERS, INC., US
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,689**
[13] A1

[51] **Int.Cl. 7B60K 13/04 7F01N 7/18**
[25] EN
[54] **ASSEMBLY FOR MOUNTING OF A MUFFLER; COMBINATION AND METHOD**
[54] **ENSEMBLE DE POSE DE SILENCIEUX, ET METHODE**
[72] STENERSEN, EIVIND, US
[72] WINNES, DAVID E., US
[72] WAGNER, WAYNE M., US
[71] DONALDSON COMPANY, INC., US
[22] 2000-05-17
[43] 2001-11-17

[21] **2,308,697**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 12/24**
[25] EN
[54] **EXCLUSION ROUTES IN BORDER GATEWAY PROTOCOL (BGP) ROUTERS**
[54] **ROUTES D'EXCLUSION DANS DES ROUTEURS AVEC PROTOCOLE DE PASSERELLE FRONTIERE (BGP)**
[72] MAALOUF, RABIH, CA
[72] ZHOU, WEI, CA
[72] JAMIESON, DWIGHT D., CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,699**
[13] A1

[51] **Int.Cl. 7B22D 11/04**
[25] EN
[54] **A CONTINUOUS CASTING MOLD PLUG ACTIVATION AND BLEEDOUT DETECTION SYSTEM**
[54] **SYSTEME DE COLMATAGE ET DE DETECTION DES FUITES POUR MOULES A COULEE CONTINUE**
[72] COLLINS, RICHARD J., US
[71] WAGSTAFF, INC., US
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,726**
[13] A1

[51] **Int.Cl. 7A01G 23/10 7F16L 57/00 7F16L 41/04 7F16L 3/14**
[25] EN
[54] **PROTECTION DEVICE FOR TUBULAR CONDUITS OF A SAP COLLECTING SYSTEM**
[54] **DISPOSITIF DE PROTECTION DE CONDUITS TUBULAIRES D'UN SYSTEME DE COLLECTE DE SEVE**
[72] CHABOT, JEAN-MARIE, CA
[72] FOURNIER, ALAIN, CA
[71] LES ÉQUIPEMENTS D'ÉRABLIÈRE CDL INC., CA
[22] 2000-05-16
[43] 2001-11-16

[21] **2,308,732**
[13] A1

[51] **Int.Cl. 7G09F 3/02**
[25] EN
[54] **SHOPPING REMINDER SYSTEM**
[54] **SYSTEME DE RAPPEL DE MAGASINAGE**
[72] KORANDA, WILLIAM J., US
[71] KORANDA, WILLIAM J., US
[22] 2000-05-16
[43] 2001-11-16

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[21] **2,308,805**
[13] A1

[51] **Int.Cl. 7C02F 1/14**
[25] EN
[54] **DESALINATION PROCESS/
EQUIPMENT**
[54] **PROCESSUS ET EQUIPEMENT DE
DESSALEMENT**
[72] SUPPIAH, SELLATHURAI, CA
[72] SUPPIAH, ASHA, CA
[72] SUPPIAH, KAMALAMMA, CA
[71] SUPPIAH, SELLATHURAI, CA
[71] SUPPIAH, ASHA, CA
[71] SUPPIAH, KAMALAMMA, CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,806**
[13] A1

[51] **Int.Cl. 7C07H 17/07 7C07D 335/06
7A61P 37/06 7C07D 311/30 7A61K 31/352
7A61K 31/382 7A61K 31/7048**
[25] EN
[54] **FLAVONE ANALOGUES USEFUL
AS ANTIREJECTION AGENTS**
[54] **ANALOGUES DE LA FLAVONE
POUVANT ETRE UTILISES COMME
AGENTS ANTI-REJET**
[72] LIU, LUWEI, CA
[72] CHEN, HUIFANG, CA
[72] LI, FENG, CA
[71] LIU, LUWEI, CA
[71] CHEN, HUIFANG, CA
[71] LI, FENG, CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,807**
[13] A1

[51] **Int.Cl. 7G02F 1/295**
[25] EN
[54] **OPTICAL SWITCH UTILIZING
TWO UNIDIRECTIONAL WAVEGUIDE
COUPLERS**
[54] **COMMUTATEUR OPTIQUE AVEC
DEUX COUPLEURS DE GUIDES
D'ONDES UNIDIRECTIONNELS**
[72] SUN, DE-GUI, CA
[71] NU-WAVE PHOTONICS INC., CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,808**
[13] A1

[51] **Int.Cl. 7H04M 1/66 7H04M 11/06
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[25] EN
[54] **A SYSTEM AND METHOD TO
DISCRIMINATE CALL CONTENT
TYPE**
[54] **SYSTEME ET METHODE POUR
DISTINGUER ENTRE LES TYPES DE
CONTENU DES APPELS**
[72] BEEBE, TODD, US
[72] SCHMID, GREG, US
[72] BUNTIN, DAVID, US
[72] APPLONIE, ROBERT R., US
[72] PICKENS, KEITH S., US
[72] HEILMANN, CRAIG, US
[71] SECURELOGIX CORPORATION, US
[22] 2000-05-18
[43] 2001-11-17
[30] US (09/572,516) 2000-05-17

[21] **2,308,819**
[13] A1

[51] **Int.Cl. 7H04L 12/24**
[25] EN
[54] **SELF ORGANIZING NETWORK
ARCHITECTURE**
[54] **ARCHITECTURE DE RESEAU A
AUTO-ORGANISATION**
[72] JOHNSON, RODERICK MICHAEL,
CA
[72] MUELLER, WILFRED, CA
[71] XP TECHNOLOGY LTD., CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,820**
[13] A1

[51] **Int.Cl. 7H01L 21/66 7G01R 31/303**
[25] EN
[54] **WIRELESS RADIO FREQUENCY
TECHNIQUE DESIGN AND METHOD
FOR TESTING OF INTEGRATED
CIRCUITS AND WAFERS**
[54] **CONCEPTION D'UNE
TECHNIQUE SANS FIL A
FREQUENCES RADIOELECTRIQUES
ET METHODE D'ESSAI DE CIRCUITS
INTEGRES ET DE TRANCHES**
[72] MOORE, BRIAN, CA
[71] THE GOVERNORS OF THE
UNIVERSITY OF ALBERTA, CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,830**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**
[25] EN
[54] **PROCESS AND PRODUCT FOR
PROVIDING EASILY ACCESSIBLE
DIGITAL IMAGES**
[54] **PROCEDE ET PRODUIT
PERMETTANT D'AVOIR ACCES
FACILEMENT A DES IMAGES
NUMERIQUES**
[72] PILCHER, AL, CA
[71] DIGITAL GUARD CORPORATION,
CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,836**
[13] A1

[51] **Int.Cl. 7A63F 3/06**
[25] EN
[54] **COMBINATION BINGO DABBER
AND SIGNALLER**
[54] **MARQUEUR ET INDICATEUR
COMBINES DE BINGO**
[72] FOSTER, SHARON ANN, CA
[72] FOSTER, EDWIN RAYMOND, CA
[71] FOSTER, SHARON ANN, CA
[71] FOSTER, EDWIN RAYMOND, CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,839**
[13] A1

[51] **Int.Cl. 7B63B 23/40**
[25] EN
[54] **MARINE CARRIER**
[54] **BOSSOIR D'EMBARCATION A
BERCEAU**
[72] BURKE, ROY DAVID, CA
[71] BURKE, ROY DAVID, CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,840**
[13] A1

[51] **Int.Cl. 7F21V 21/088**
[25] EN
[54] **AN ATTACHABLE CORD HOLDER
FOR A CHRISTMAS LIGHT**
[54] **SUPPORT AMOVIBLE POUR JEUX
DE LUMIERES DE NOEL**
[72] HUANG, SHUN-FENG, TW
[71] HUANG, SHUN-FENG, TW
[22] 2000-05-15
[43] 2001-11-15

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[21] **2,308,841**
[13] A1

[51] **Int.Cl. 7B60Q 9/00 7G08B 21/00**
[25] EN
[54] **BLOCK HEATER ALARM**
[54] **ALARME DE CHAUFFE-BLOC**
[72] BECK, GLEN, CA
[71] BECK, GLEN, CA
[22] 2000-05-16
[43] 2001-11-16

[21] **2,308,876**
[13] A1

[51] **Int.Cl. 7C08K 5/098 7C08L 47/00**
7C08L 9/02 7C08F 236/14 7C08K 5/14
[25] EN
[54] **IMPROVED RUBBER**
COMPOSITION
[54] **COMPOSITION AMELIOREE DE**
CAOUTCHOUC
[72] VON HELLENS, CARL WALTER, CA
[71] BAYER INC., CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,957**
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G01S 5/14**
7G01C 21/34
[25] FR
[54] **GUIDE MULTIMEDIA**
TOURISTIQUE
[54] **MULTIMEDIA TOURIST GUIDE**
[72] GAGNON, GERRY, CA
[72] PEPIN, GILLES, CA
[71] EXTENSO TECH INC., CA
[22] 2000-05-12
[43] 2001-11-12

[21] **2,308,966**
[13] A1

[51] **Int.Cl. 7B01D 65/08 7C13D 3/16**
[25] FR
[54] **MACHINE POUR LA**
CONCENTRATION DE LA SEVE
D'ERABLE
[54] **MACHINE FOR**
CONCENTRATING MAPLE SAP
[72] CHABOT, JEAN-MARIE, CA
[71] CHABOT, JEAN-MARIE, CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,308,981**
[13] A1

[51] **Int.Cl. 7C07J 63/00 7C07J 9/00 7C07J**
71/00 7A61P 9/00 7A61P 13/00 7A61P 35/
00 7A61P 3/10 7A61K 31/56 7A61K 31/575
7A61K 31/58
[25] FR
[54] **DERIVES TRITERPENIQUES**
[54] **TRITERPENIC DERIVATIVES**
[72] GAUDET, DANIEL, CA
[72] PICHETTE, ANDRÉ, CA
[71] GAUDET, DANIEL, CA
[71] PICHETTE, ANDRÉ, CA
[22] 2000-05-17
[43] 2001-11-17

[21] **2,308,990**
[13] A1

[51] **Int.Cl. 7B22D 17/20 7B22D 17/32**
[25] EN
[54] **MULTIPLE-SLIDE DIE-CASTING**
SYSTEM
[54] **SYSTEME DE MOULAGE SOUS**
PRESSION A SECTIONS MULTIPLES
SUR GLISSIERE
[72] LAVEAU, RICHARD, CA
[72] BOURBONNAIS, ALAIN, CA
[72] THIBAUT, CARL, CA
[72] POLLAK, ALEXANDRE A., CA
[71] TECHMIRE LTD., CA
[22] 2000-05-16
[43] 2001-11-16

[21] **2,309,018**
[13] A1

[51] **Int.Cl. 7E21B 47/09 7E21B 47/00**
7G01M 19/00 7G01S 1/00 7H04N 7/18
7F16L 55/26
[25] EN
[54] **IMPROVED APPARATUS FOR**
INSPECTING LATERAL SEWER PIPES
[54] **APPAREIL AMELIORE**
D'INSPECTION DES EGOUTS
LATERAUX
[72] MCGREW, R. MICHAEL, US
[71] ARIES INDUSTRIES
INCORPORATED, US
[22] 2000-05-23
[43] 2001-11-12
[30] US (09/569,751) 2000-05-12

[21] **2,309,023**
[13] A1

[51] **Int.Cl. 7E04B 5/12**
[25] EN
[54] **THE FLOOR UNITIZER**
[54] **FARDELAGE A PLANCHER**
[72] ANDERSON, RAY, CA
[71] ANDERSON, RAY, CA
[22] 2000-05-17
[43] 2001-11-17

[21] **2,309,081**
[13] A1

[51] **Int.Cl. 7F21V 7/00**
[25] EN
[54] **HYDROPONIC LIGHT**
REFLECTOR
[54] **REFLECTEUR LUMINEUX DE**
CULTURE HYDROPONIQUE
[72] SMAILES, STEVE, CA
[71] SMAILES, STEVE, CA
[22] 2000-05-16
[43] 2001-11-16

[21] **2,309,084**
[13] A1

[51] **Int.Cl. 7F02M 57/06 7H01T 13/00**
[25] EN
[54] **SPARK PLUG INJECTION**
[54] **INJECTION PAR BOUGIE**
D'ALLUMAGE
[72] BOVINO, PASQUAL, CA
[71] BOVINO, PASQUAL, CA
[22] 2000-05-16
[43] 2001-11-16

[21] **2,309,124**
[13] A1

[51] **Int.Cl. 7B65B 1/04 7B65B 3/04**
[25] EN
[54] **MPF 500**
[54] **MPF 500**
[72] KIRSCH, EDWARD, CA
[71] KIRSCH, EDWARD, CA
[22] 2000-05-15
[43] 2001-11-15

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[21] **2,309,812**
[13] A1

[51] **Int.Cl. 7A63B 69/00 7A45B 7/00**
[25] EN
[54] **SPORT TRAINING DEVICE**
[54] **APPAREIL D'ENTRAINEMENT**
SPORTIF
[72] BERTRAND, MIKE M., CA
[71] BERTRAND, MIKE M., CA
[22] 2000-05-15
[43] 2001-11-15

[21] **2,311,190**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **SYSTEM AND METHOD FOR**
PROCESSING CERTIFICATES
[54] **SYSTEME ET METHODE DE**
TRAITEMENT DE CERTIFICATS
[72] GRAY, DONALD WILLIAM HALE,
CA
[71] GIVEX CORPORATION, BS
[22] 2000-06-12
[43] 2001-11-16
[30] US (09/571,515) 2000-05-16

[21] **2,311,857**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 12/16**
[25] EN
[54] **SYSTEM AND METHOD TO**
FACILITATE SHARING OF
INFORMATION
[54] **SYSTEME ET METHODE POUR**
FACILITER LE PARTAGE
D'INFORMATIONS
[72] STEWART, ERIK VILJO, CA
[72] DOCTOROW, CORY EFRAM, CA
[72] CONN, WILSON GRAD, CA
[72] HENSON, JOHN DOUGLAS, CA
[71] STEELBRIDGE INC., CA
[22] 2000-06-15
[43] 2001-11-16
[30] US (09/571,978) 2000-05-16

[21] **2,313,832**
[13] A1

[51] **Int.Cl. 7H04L 9/32 7H04L 12/16**
[25] EN
[54] **SECURE COMMUNICATION**
[54] **COMMUNICATION PROTEGEE**
[72] CHANG, CARL, HK
[72] MA, SANDROFF, HK
[72] HAU, LEO, HK
[71] TOM.COM ENTERPRISES LIMITED,
VG
[22] 2000-07-11
[43] 2001-11-15
[30] GB (0011673.1) 2000-05-15

[21] **2,316,169**
[13] A1

[51] **Int.Cl. 7G01N 33/34 7D21C 3/22**
7G01N 1/38 7G01N 33/52
[25] EN
[54] **METHODS FOR ANALYZING**
BORON-CONTAINING ALKALINE
PULPING LIQUORS
[54] **METHODES POUR L'ANALYSE DE**
LIQUEURS DE PATE ALCALINES
RENFERMANT DU BORE
[72] HSU, WU-HWA WESLEY, US
[71] U.S. BORAX INC., US
[22] 2000-08-17
[43] 2001-11-14
[30] US (09/571,297) 2000-05-14

[21] **2,317,210**
[13] A1

[51] **Int.Cl. 7E05B 47/00**
[25] EN
[54] **A QUICK RELEASE SMOKE**
OPERATED COAXIAL STABLE DOOR
LOCK
[54] **VERROU COAXIAL DE PORTE**
D'ECURIE A DEGAGEMENT RAPIDE
DECLENCHE PAR LA FUMEE
[72] REYNOLDS, EDWARD JOHN, GB
[72] WELLS, JOHN VICTOR, GB
[71] REYNOLDS, EDWARD JOHN, GB
[71] WELLS, JOHN VICTOR, GB
[22] 2000-08-16
[43] 2001-11-16
[30] GB (0011614,5) 2000-05-16

[21] **2,317,254**
[13] A1

[51] **Int.Cl. 7H05C 1/00**
[25] EN
[54] **MODULAR FENCE**
[54] **CLOTURE MODULAIRE**
[72] SMITH, FREDERICK, US
[71] FREDERICK, L.L.C., US
[22] 2000-08-31
[43] 2001-11-15
[30] US (09/571,595) 2000-05-15

[21] **2,325,095**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G07F 19/00**
7H04L 12/16
[25] EN
[54] **METHOD AND APPARATUS FOR**
TRANSMISSION OF MONETARY
VALUE AND THE PAYMENT OF
DEBTS
[54] **METHODE ET APPAREIL POUR**
LA TRANSMISSION DE VALEURS
MONETAIRES ET LE PAIEMENT DE
DETTES
[72] WEBER, JUERGEN, CA
[71] WEBER, JUERGEN, CA
[22] 2000-11-03
[43] 2001-11-11
[30] CA (2,308,161) 2000-05-11

[21] **2,325,199**
[13] A1

[51] **Int.Cl. 7B21D 17/04**
[25] EN
[54] **ROLL GROOVING APPARATUS**
[54] **MANDRIN DE SAIGNAGE**
[72] HAMM, JAMES E., US
[71] EMERSON ELECTRIC CO., US
[22] 2000-11-07
[43] 2001-11-16
[30] US (09/571,145) 2000-05-16

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[21] **2,325,347**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04M 11/06 7H04L 12/14 7H04M 1/57**
[25] EN
[54] **ONLINE PAYMENT SYSTEM AND MERCHANDIZING CENTER**
[54] **SYSTEME DE PAIEMENT ET CENTRE DE MARCHANDISAGE EN LIGNE**
[72] TAKAOKA, SHIGEYOSHI, JP
[71] TAKAOKA, SHIGEYOSHI, JP
[71] YAMATO ELECTRONICS INTERNATIONAL CORPORATION, JP
[71] TECHNO ALLIANCE CORPORATION, JP
[71] IWAMOTO, SADA0, JP
[22] 2000-11-08
[43] 2001-11-17
[30] JP (145048/2000) 2000-05-17

[21] **2,325,510**
[13] A1

[51] **Int.Cl. 7B08B 13/00**
[25] EN
[54] **FEED CONTROL DEVICE FOR PLUMBING APPARATUS**
[54] **DISPOSITIF DE COMMANDE D'ALIMENTATION POUR APPAREIL DE PLOMBERIE**
[72] BABB, LARRY F., US
[71] EMERSON ELECTRIC CO., US
[22] 2000-11-08
[43] 2001-11-17
[30] US (09/572,748) 2000-05-17

[21] **2,327,155**
[13] A1

[51] **Int.Cl. 7F16M 1/04**
[25] EN
[54] **MOTOR MOUNT ASSEMBLY**
[54] **SUPPORT DE MOTEUR**
[72] KOST, JAMES A., US
[71] THE LOUIS BERKMAN COMPANY, US
[22] 2000-11-30
[43] 2001-11-16
[30] US (09/572,657) 2000-05-16

[21] **2,328,037**
[13] A1

[51] **Int.Cl. 7H04N 7/50**
[25] EN
[54] **IMAGE ENCODING/DECODING METHOD, APPARATUS THEREOF AND RECORDING MEDIUM IN WHICH PROGRAM THEREFOR IS RECORDED**
[54] **METHODE DE CODAGE/DECODAGE D'IMAGES, APPAREIL UTILISANT CETTE METHODE ET SUPPORT D'ENREGISTREMENT DU PROGRAMME NECESSAIRE A CETTE METHODE**
[72] KAWASHIMA, MIYUKI, JP
[72] ITAGAKI, FUMIHIKO, JP
[71] HUDSON SOFT CO., LTD., JP
[22] 2000-12-08
[43] 2001-11-15
[30] JP (2000-141675) 2000-05-15

[21] **2,328,538**
[13] A1

[51] **Int.Cl. 7B65G 47/24**
[25] EN
[54] **PART SORTING AND ALIGNING APPARATUS**
[54] **DISPOSITIF DE TRI ET D'ALIGNEMENT DES PIECES**
[72] SCHMITZ, JOSEPH PAUL, US
[71] DEERE & COMPANY, US
[22] 2000-12-13
[43] 2001-11-12
[30] US (09/570,858) 2000-05-12

[21] **2,329,691**
[13] A1

[51] **Int.Cl. 7G01N 21/64 7G01N 33/483 7G01N 21/63**
[25] EN
[54] **VISUAL IMAGING OF ION DISTRIBUTION IN TISSUE**
[54] **IMAGERIE VISUELLE DE LA DISTRIBUTION IONIQUE DANS UN TISSU**
[72] DENDA, MITSUHIRO, JP
[71] SHISEIDO COMPANY, LTD., JP
[22] 2000-12-28
[43] 2001-11-12
[30] US (09/570,447) 2000-05-12

[21] **2,334,321**
[13] A1

[51] **Int.Cl. 7C12Q 1/37 7G01N 33/493 7G01N 33/52**
[25] EN
[54] **URINARY TRYPSIN INHIBITOR ASSAY CONTAINING A CHELATING AGENT**
[54] **DOSAGE D'UN INHIBITEUR DE LA TRYPSINE DANS L'URINE AVEC UTILISATION D'UN CHELATEUR**
[72] REHM, GARY E., US
[72] COREY, PAUL F., US
[72] PUGIA, MICHAEL J., US
[71] BAYER CORPORATION, US
[22] 2001-02-06
[43] 2001-11-15
[30] US (60/204,032) 2000-05-15

[21] **2,334,827**
[13] A1

[51] **Int.Cl. 7C07D 207/36 7C07D 311/08 7C07C 279/20 7C07D 209/32 7C07D 333/32 7C07D 277/34 7C07C 279/36 7C12Q 1/37 7C07C 311/64**
[25] EN
[54] **TRYPSIN SUBSTRATE AND DIAGNOSTIC DEVICE, AND METHOD OF USING SAME**
[54] **SUBSTRAT POUR LA TRYPSINE ET DISPOSITIF DE DIAGNOSTIC, ET METHODE D'UTILISATION**
[72] PUGIA, MICHAEL J., US
[72] COREY, PAUL F., US
[72] FELMAN, STEVEN W., US
[72] REHM, GARY E., US
[71] BAYER CORPORATION, US
[22] 2001-02-09
[43] 2001-11-15
[30] US (60/203,999) 2000-05-15

[21] **2,335,387**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/10 7C12P 19/34**
[25] EN
[54] **METHOD FOR ANALYZING PHYLETIC LINEAGE OF SCALLOP**
[54] **METHODE D'ANALYSE DE LA LIGNEE PHYLOGENIQUE D'UN PETONCLE**
[72] SATO, MAREMI, JP
[72] NAGASHIMA, KOJI, JP
[71] NAGASHIMA, KOJI, JP
[71] HOKKAIDO FEDERATION OF FISHERIES COOPERATIVE ASSOCIATIONS, JP
[22] 2001-02-26
[43] 2001-11-16
[30] JP (2000-148570) 2000-05-16

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[21] **2,337,781**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 12/02**
[25] EN
[54] **AUTOMATED GENERATION OF ALIASES BASED ON EMBEDDED ALIAS INFORMATION**
[54] **GENERATION AUTOMATISEE D'ALIAS A PARTIR DE DONNEES D'ALIAS INCORPOREES**
[72] SANTOSUOSSO, JOHN MATTHEW, US
[71] DAY, PAUL REUBEN, US
[72] BATES, CARY LEE, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2001-02-15
[43] 2001-11-15
[30] US (09/570,871) 2000-05-15

[21] **2,337,930**
[13] A1

[51] **Int.Cl. 7C04B 37/00 7E21B 10/46**
[25] EN
[54] **WOVEN AND PACKED COMPOSITE CONSTRUCTIONS**
[54] **ASSEMBLAGES COMPOSITES COMPACTS ET TISSES**
[72] YONG, ZHOU, US
[71] SMITH INTERNATIONAL, INC., US
[22] 2001-02-23
[43] 2001-11-15
[30] US (09/571,636) 2000-05-15

[21] **2,340,585**
[13] A1

[51] **Int.Cl. 7B23K 35/24**
[25] EN
[54] **WELD WIRE WITH ENHANCED SLAG REMOVAL**
[54] **FIL-ELECTRODE A EXTRACTION DU LAITIER AMELIOREE**
[72] NIKODYM, ANTHONY FRANKLIN, US
[71] ILLINOIS TOOL WORKS INC., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2001-03-13
[43] 2001-11-17
[30] US (09/573,514) 2000-05-17

[21] **2,340,808**
[13] A1

[51] **Int.Cl. 7G01S 17/74 7F41A 33/00 7G08C 19/16**
[25] EN
[54] **SIMULATION SYSTEM**
[54] **SYSTEME DE SIMULATION**
[72] GERBER, PETER, CH
[72] OCHSNER, FABIAN, CH
[71] OERLIKON CONTRAVES AG, CH
[22] 2001-03-14
[43] 2001-11-12
[30] CH (2000 0944/00) 2000-05-12

[21] **2,340,973**
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G08C 17/00 7F41G 3/26**
[25] EN
[54] **UMPIRE AND SOLDIER INTERFACE**
[54] **INTERFACE ARBITRE-SOLDAT**
[72] GERBER, PETER, CH
[72] OCHSNER, FABIAN, CH
[71] OERLIKON CONTRAVES AG, CH
[22] 2001-03-14
[43] 2001-11-12
[30] CH (2000 0942/00) 2000-05-12

[21] **2,340,976**
[13] A1

[51] **Int.Cl. 7F41G 1/35**
[25] EN
[54] **MULTIFUNCTIONAL OPTICAL AIMING DEVICE**
[54] **DISPOSITIF DE POINTAGE OPTIQUE MULTIFONCTION**
[72] FARDIN, RAHIM, CH
[72] OCHSNER, FABIAN, CH
[72] GERBER, PETER, CH
[71] OERLIKON CONTRAVES AG, CH
[22] 2001-03-14
[43] 2001-11-12
[30] CH (2000 0941/00) 2000-05-12

[21] **2,340,978**
[13] A1

[51] **Int.Cl. 7G08C 19/36 7G08C 17/00 7G08C 23/04**
[25] EN
[54] **INTERROGATION AND RESPONDER SYSTEM**
[54] **SYSTEME D'INTERROGATION ET DE REPONSE**
[72] OCHSNER, FABIAN, CH
[72] GERBER, PETER, CH
[71] OERLIKON CONTRAVES AG, CH
[22] 2001-03-14
[43] 2001-11-12
[30] CH (2000 0943/00) 2000-05-12

[21] **2,342,087**
[13] A1

[51] **Int.Cl. 7H04L 29/10 7G06F 3/00 7H04L 29/02 7H04L 12/28**
[25] EN
[54] **SYSTEM AND METHOD FOR PEER-LEVEL COMMUNICATION WITH A NETWORK INTERFACE CARD**
[54] **SYSTEME ET METHODE POUR COMMUNICATION D'EGAL A EGAL AVEC UNE CARTE INTERFACE DE RESEAU**
[72] SPACKMAN, CHARLES DONALD, US
[72] PORT, ADRIAN GEORGE, US
[72] SULLIVAN, TIMOTHY PATRICK, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2001-03-27
[43] 2001-11-15
[30] US (09/571,140) 2000-05-15

[21] **2,342,266**
[13] A1

[51] **Int.Cl. 7A47C 7/02**
[25] EN
[54] **ARTICULATED SEAT**
[54] **SIEGE ARTICULE**
[72] DRIRA, FATHI, CA
[71] ART DESIGN INTERNATIONAL INC., CA
[22] 2001-03-27
[43] 2001-11-16
[30] US (60/204,616) 2000-05-16

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[21] **2,342,282**
[13] A1

[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTI-USER RESOURCE MANAGEMENT IN WIRELESS COMMUNICATION SYSTEMS**
[54] **METHODE ET APPAREIL POUR LA GESTION DE RESSOURCES POUR UTILISATEURS MULTIPLES DANS DES SYSTEMES DE COMMUNICATION SANS FIL**
[72] RUDRAPATNA, ASHOK N., US
[72] ZHU, PENGFEI, US
[72] LU, MING, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2001-03-26
[43] 2001-11-11
[30] US (09/568,921) 2000-05-11

[21] **2,342,551**
[13] A1

[51] **Int.Cl. 7F02M 31/10 7F01P 7/16**
[25] EN
[54] **THERMOSTATICALLY CONTROLLED HEATER FOR GAS FUEL AND GAS PRESSURE REGULATOR**
[54] **APPAREIL DE CHAUFFAGE THERMOSTATIQUE POUR COMBUSTIBLE GAZEUX ET DETENDEUR-REGULATEUR DE GAZ**
[72] SCHINDLER, RODNEY ALLEN, US
[72] LATUSEK, JOHN PHILLIP, US
[72] HARTMAN, WILLIAM LYLE, US
[71] DEERE & COMPANY, US
[22] 2001-03-30
[43] 2001-11-11
[30] US (08/569,206) 2000-05-11

[21] **2,343,675**
[13] A1

[51] **Int.Cl. 7A61C 19/10**
[25] EN
[54] **SHADE DETERMINATION APPARATUS AND METHOD FOR SPECIFYING AND DETERMINING COLORS FOR TEETH AND DENTAL RESTORATION**
[54] **APPAREIL D'ANALYSE DES NUANCES ET METHODE DE SPECIFICATION ET D'ANALYSE DES COULEURS DES DENTS ET DES PRODUITS DE RESTAURATION DENTAIRE**
[72] OSPELT, ARMIN, LI
[72] KERSCHBAUMER, HARALD, AT
[71] IVOCLAR VIVADENT AG, LI
[22] 2001-04-11
[43] 2001-11-16
[30] DE (100 23 840.8) 2000-05-16

[21] **2,342,288**
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7G08C 19/00 7G08C 17/02 7G01C 5/06 7G01L 19/08 7G01S 5/14**
[25] EN
[54] **WIRELESS-ASSISTED ALTITUDE MEASUREMENT**
[54] **MESURE DE L'ALTITUDE ASSISTEE PAR UN SYSTEME SANS FIL**
[72] WOLNIANSKY, PETER WASILY, US
[72] VANNUCCI, GIOVANNI, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2001-03-26
[43] 2001-11-11
[30] US (09/568,957) 2000-05-11

[21] **2,342,836**
[13] A1

[51] **Int.Cl. 7B23K 20/12 7B29C 65/06**
[25] EN
[54] **METHOD AND DEVICE FOR FRICTION WELDING OF A THERMOPLASTIC STRIP**
[54] **METHODE ET DISPOSITIF POUR LE SOUDAGE PAR FRICTION D'UNE BANDE EN MATIERE THERMOPLASTIQUE**
[72] GRATZ, MICHAEL, CA
[71] MASCHINENFABRIK GERD MOSCA GMBH, DE
[22] 2001-03-28
[43] 2001-11-16
[30] DE (100 24 049.6) 2000-05-16

[21] **2,343,676**
[13] A1

[51] **Int.Cl. 7A61C 13/34 7A61C 11/00**
[25] EN
[54] **DENTAL MODEL**
[54] **MOULAGE DENTAIRE**
[72] RAFFEINER, OSCAR, IT
[71] IVOCLAR VIVADENT AG, LI
[22] 2001-04-11
[43] 2001-11-16
[30] DE (P 100 23 842.4) 2000-05-16

[21] **2,342,391**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04B 10/20 7H04L 12/56**
[25] EN
[54] **PARTIAL BACK PRESSURE (PBP) TRANSMISSION TECHNIQUE FOR ATM-PON**
[54] **TECHNIQUE DE TRANSMISSION A CONTRE-PRESSION PARTIELLE POUR LA TECHNOLOGIE ATM-PON**
[72] KIM, KYEONG-SOO, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2001-03-28
[43] 2001-11-16
[30] US (09/571,929) 2000-05-16

[21] **2,343,476**
[13] A1

[51] **Int.Cl. 7H04M 3/42 7H04M 3/428**
[25] EN
[54] **METHOD AND APPARATUS FOR SUPPRESSING MUSIC ON HOLD**
[54] **METHODE ET APPAREIL DE SUPPRESSION DE LA MUSIQUE EN ATTENTE**
[72] CHAN, NORMAN C., US
[72] MEIS, RICKIE E., US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2001-04-05
[43] 2001-11-15
[30] US (09/570,824) 2000-05-15

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[21] **2,343,830**
[13] A1

[51] **Int.Cl. 7G05B 19/02 7G06F 13/10**
[25] EN
[54] **DRIVE MECHANISM CONTROL DEVICE, DRIVE MECHANISM CONTROL METHOD, DRIVING OPERATION CONFIRMATION METHOD FOR A DRIVE MECHANISM, AND A DATA STORAGE MEDIUM RECORDING A PROGRAM CONTAINING THE STEPS OF THESE METHODS**
[54] **DISPOSITIF DE COMMANDE DE MECANISME D'ENTRAINEMENT, METHODE DE COMMANDE DE MECANISME D'ENTRAINEMENT, METHODE DE CONFIRMATION D'ENTRAINEMENT POUR MECANISME D'ENTRAINEMENT ET SUPPORT DE STOCKAGE DE DONNEES CONTENANT UN PROGRAMME QUI DEFINIT LES ETAPES DE CES METHODES**
[72] KAWASE, YUJI, JP
[71] SEIKO EPSON CORPORATION, JP
[22] 2001-04-11
[43] 2001-11-12
[30] JP (2000-140541) 2000-05-12
[30] JP (2000-158348) 2000-05-29

[21] **2,343,859**
[13] A1

[51] **Int.Cl. 7A01D 75/00**
[25] EN
[54] **GROUND CONTACT HEIGHT SENSOR**
[54] **CAPTEUR DE HAUTEUR DE CONTACT AU SOL**
[72] BECKER, KLAUS ERNST, US
[72] WESSEL, PAUL THOMAS, US
[72] CHRISTENSEN, TIMOTHY FRANKLIN, US
[71] DEERE & COMPANY, US
[22] 2001-04-11
[43] 2001-11-16
[30] US (09/571,247) 2000-05-16

[21] **2,344,022**
[13] A1

[51] **Int.Cl. 7H01M 10/24 7H01M 10/02 7H01M 4/86**
[25] EN
[54] **ELECTROCHEMICAL LITHIUM ION SECONDARY CELL HAVING A SCALLOPED ELECTRODE ASSEMBLY**
[54] **PILE ELECTROCHIMIQUE SECONDAIRE AUX IONS DE LITHIUM DOTEES D'UNE ELECTRODE FESTONNEE**
[72] TAKEUCHI, ESTHER S., US
[72] SPILLMAN, DAVID M., US
[71] WILSON GREATBATCH LTD., US
[22] 2001-04-17
[43] 2001-11-11
[30] US (60/203,694) 2000-05-11
[30] US (09/799,394) 2001-03-05

[21] **2,344,115**
[13] A1

[51] **Int.Cl. 7H04B 10/17 7G02B 6/22**
[25] EN
[54] **SIMULTANEOUS SINGLE MODE AND MULTI-MODE PROPAGATION OF SIGNALS IN A DOUBLE CLAD OPTICAL FIBRE**
[54] **PROPAGATION MONOMODE ET MULTIMODE SIMULTANEE DE SIGNAUX DANS UNE FIBRE OPTIQUE A DOUBLE GAINAGE**
[72] CHEN, YIHONG, US
[71] JDS UNIPHASE INC., CA
[22] 2001-04-12
[43] 2001-11-12
[30] US (09/570,446) 2000-05-12

[21] **2,344,131**
[13] A1

[51] **Int.Cl. 7B41J 11/22**
[25] EN
[54] **PRINT-MEDIUM TRANSPORT UNIT**
[54] **UNITE DE TRANSPORT DE MEDIA IMPRIME**
[72] TAKIZAWA, HIROSHI, JP
[72] YAMAGISHI, KAZUHIKO, JP
[72] ARUGA, KOTOYA, JP
[71] SEIKO EPSON CORPORATION, JP
[22] 2001-04-17
[43] 2001-11-17
[30] JP (2000-145333) 2000-05-17
[30] JP (2000-185163) 2000-06-20
[30] JP (2001-101627) 2001-03-30

[21] **2,344,749**
[13] A1

[51] **Int.Cl. 7H04Q 7/20 7H04L 29/02 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **A MOBILE TELECOMMUNICATIONS NETWORK-BASED SALES TRANSACTION SYSTEM**
[54] **SYSTEME DE TRANSACTIONS DE VENTE BASE SUR UN RESEAU DE TELECOMMUNICATION MOBILE**
[72] RAIKKONEN, REIJO, FI
[71] ALDATA SOLUTION OYJ, FI
[22] 2001-04-24
[43] 2001-11-11
[30] US (09/568,591) 2000-05-11

[21] **2,344,776**
[13] A1

[51] **Int.Cl. 7B29C 45/17**
[25] EN
[54] **PROCESS AND EQUIPMENT FOR HOT MOULDING OF ARTICLES MADE OF THERMOPLASTIC MATERIAL**
[54] **PROCEDE ET EQUIPEMENT POUR LE MOULAGE A CHAUD D'ARTICLES EN MATIERE THERMOPLASTIQUE**
[72] CESANO, FRANCO, IT
[71] CRS SRL CENTRO RICERCA E SPERIMENTAZIONI, IT
[22] 2001-04-20
[43] 2001-11-12
[30] IT (TO2000A000443) 2000-05-12

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[21] **2,344,781**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **MONITORING SYSTEM FOR DETERMINING AND COMMUNICATING A COST OF INSURANCE**
[54] **SYSTEME DE SURVEILLANCE PERMETTANT DE DETERMINER ET DE COMMUNIQUER LE COUT D'UNE ASSURANCE**
[72] OLEXA, BYRON J., US
[72] HENDERSON, MARIA, US
[72] MCMILLAN, ROBERT J., US
[72] CRAIG, ALEXANDER D., US
[72] HEINER, JOHN P., US
[72] MCELROY, MARK C., US
[72] LEE, ROBERT S., US
[71] PROGRESSIVE DIRECTRAC SERVICE CORP., A CORPORATION OF THE STATE OF TEXAS, US
[22] 2001-04-24
[43] 2001-11-15
[30] US (09/571,650) 2000-05-15

[21] **2,344,803**
[13] A1

[51] **Int.Cl. 7B05B 1/02**
[25] EN
[54] **MODULE FOR DISPENSING CONTROLLED PATTERNS OF LIQUID MATERIAL AND A NOZZLE HAVING AN ASYMMETRIC LIQUID DISCHARGE ORIFICE**
[54] **MODULE POUR LA PROJECTION DES LIQUIDES SELON UNE FORME PARTICULIERE ET GICLÉUR DOTÉ D'UN ORIFICE DE PROJECTION ASYMETRIQUE**
[72] SAIDMAN, LAURENCE B., US
[72] PULLAGURA, DAVID, US
[71] NORDSON CORPORATION, US
[22] 2001-04-20
[43] 2001-11-15
[30] US (09/571,601) 2000-05-15

[21] **2,344,843**
[13] A1

[51] **Int.Cl. 7B65F 1/06**
[25] EN
[54] **DIVIDER ASSEMBLY FOR WASTE CONTAINER**
[54] **SEPARATEUR POUR CONTENANT A DECHETS**
[72] KOEFELDA, GERALD R., US
[72] GUERRA, GABRIEL A., US
[71] REHRIG PACIFIC COMPANY, US
[22] 2001-04-23
[43] 2001-11-15
[30] US (09/571,425) 2000-05-15

[21] **2,344,932**
[13] A1

[51] **Int.Cl. 7B65D 5/54**
[25] EN
[54] **PERFORATED CARTON AND PRODUCT DISPLAY SYSTEM**
[54] **CARTON PERFORE ET DISPOSITIF POUR LA PRESENTATION DE PRODUITS**
[72] COCHRANE, LARRY, CA
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 2001-04-24
[43] 2001-11-12
[30] US (09/570,422) 2000-05-12

[21] **2,344,964**
[13] A1

[51] **Int.Cl. 7E06B 3/48 7E06B 3/50**
[25] EN
[54] **UPWARD ACTING SECTIONAL DOOR WITH PINCH RESISTANT EDGE PROFILE BETWEEN DOOR PANELS**
[54] **PORTE ARTICULEE A OUVERTURE VERS LE HAUT AVEC PROFIL ENTRE-PANNEAUX RESISTANT AU PINCEMENT**
[72] WHITLEY, L. BLAKE, US
[71] OVERHEAD DOOR CORPORATION, US
[22] 2001-04-25
[43] 2001-11-15
[30] US (09/570,618) 2000-05-15

[21] **2,344,983**
[13] A1

[51] **Int.Cl. 7A01N 25/16 7C09J 175/04 7C08J 9/40**
[25] EN
[54] **A POLYURETHANE COMPOSITION CONTAINING ANTIMICROBIAL AGENTS AND METHODS FOR USE THEREFOR**
[54] **UNE COMPOSITION DE POLYURETHANE CONTENANT DES AGENTS ANTIMICROBIENS ET METHODES POUR SON UTILISATION**
[72] MOODY, VON L., US
[71] SHAW INDUSTRIES, INC., US
[22] 2001-04-25
[43] 2001-11-12
[30] US (09/570,474) 2000-05-12

[21] **2,345,455**
[13] A1

[51] **Int.Cl. 7G02B 6/26 7G02B 6/255**
[25] EN
[54] **METHOD FOR PRODUCING A COUPLER BASED ON FIBER-FUSED CONNECTION**
[54] **METHODE DE PRODUCTION D'UN COUPLEUR BASE SUR L'EPISSURE PAR FUSION DE LA FIBRE OPTIQUE**
[72] NAGASAKI, HIRONOBU, JP
[71] NISSHO MUSEN CO., LTD., JP
[71] NAGASAKI, HIRONOBU, JP
[22] 2001-04-27
[43] 2001-11-15
[30] JP (2000-142400) 2000-05-15

[21] **2,345,589**
[13] A1

[51] **Int.Cl. 7F16K 27/00 7E03C 1/04**
[25] EN
[54] **QUICK-INSTALL MOUNTING NUT ASSEMBLY FOR A SINGLE CONTROL KITCHEN FAUCET**
[54] **ECROU DE MONTAGE RAPIDE POUR ROBINET DE CUISINE A COMMANDE UNIQUE**
[72] SEGIEN, DONALD J., JR., US
[71] EMHART INC., US
[22] 2001-05-03
[43] 2001-11-15
[30] US (09/570,903) 2000-05-15

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[21] **2,345,599**
[13] A1

[51] **Int.Cl. 7C09D 5/29 7C09D 163/00**
[25] EN
[54] **MULTI-COLORED EPOXY COATING SYSTEM**
[54] **SYSTEME DE REVETEMENT EPOXYDE MULTICOLORE**
[72] TURANSKY, ALBERT, US
[72] RICE, BRIAN, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2001-05-03
[43] 2001-11-12
[30] US (09/570,263) 2000-05-12

[21] **2,345,759**
[13] A1

[51] **Int.Cl. 7D21C 1/00**
[25] EN
[54] **METAL REMOVAL FROM COMMINUTED FIBROUS MATERIAL DURING FEEDING**
[54] **ENLEVEMENT DU METAL DES MATIERES FIBREUSES BROYEES PENDANT L'ALIMENTATION**
[72] STROMBERG, C. BERTIL, US
[71] ANDRITZ-AHLSTROM INC., US
[22] 2001-05-01
[43] 2001-11-11
[30] US (09/568,962) 2000-05-11

[21] **2,345,761**
[13] A1

[51] **Int.Cl. 7B65D 65/28 7B65H 1/00 7A47K 10/42**
[25] EN
[54] **BUNDLE OF PRODUCTS CONSISTING OF ABSORBENT PAPER**
[54] **GROUPE DE PRODUITS FAITS DE PAPIER ABSORBANT**
[72] LAURENT, PIERRE, FR
[71] GEORGIA-PACIFIC FRANCE, FR
[22] 2001-05-03
[43] 2001-11-11
[30] EP (00 401 295.1) 2000-05-11

[21] **2,345,762**
[13] A1

[51] **Int.Cl. 7D21C 7/06**
[25] EN
[54] **FEEDING COMMINUTED FIBROUS MATERIAL**
[54] **ALIMENTATION DE MATIERES FIBREUSES BROYEES**
[72] PROUGH, J. ROBERT, US
[72] STROMBERG, C. BERTIL, US
[72] PEASE, TIM S., US
[71] ANDRITZ-AHLSTROM INC., US
[22] 2001-05-01
[43] 2001-11-11
[30] US (09/568,984) 2000-05-11

[21] **2,345,778**
[13] A1

[51] **Int.Cl. 7B05D 1/34 7B05D 1/02**
[25] EN
[54] **MODULE AND NOZZLE FOR DISPENSING CONTROLLED PATTERNS OF LIQUID MATERIAL**
[54] **MODULE ET GICLÉUR POUR DONNER AUX PROJECTIONS DE LIQUIDES UNE FORME PARTICULIERE**
[72] SAIDMAN, LAURENCE B., US
[71] NORDSON CORPORATION, US
[22] 2001-05-01
[43] 2001-11-15
[30] US (09/571,703) 2000-05-15

[21] **2,345,787**
[13] A1

[51] **Int.Cl. 7C08G 65/332 7A61P 17/02 7A61P 19/08 7A61K 38/18 7A61K 31/78**
[25] EN
[54] **BIOCOMPATIBLE MACROMERS**
[54] **MACROMERES BIOCOMPATIBLES**
[72] JO, SEONGBONG, US
[72] MIKOS, ANTONIOS G., US
[71] WM MARSH RICE UNIVERSITY, US
[22] 2001-05-01
[43] 2001-11-11
[30] US (60/203,689) 2000-05-11
[30] US (60/236,099) 2000-09-28

[21] **2,345,823**
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04L 12/18**
[25] EN
[54] **RENDERING MULTICAST SERVICE WITH SUFFICIENT RECEPTION QUALITY TO WIRELESS TERMINALS**
[54] **FOURNITURE D'UN SERVICE DE MULTIDIFFUSION AVEC UNE QUALITE DE RECEPTION SUFFISANTE POUR DES TERMINAUX SANS FIL**
[72] SATO, HIJIN, JP
[72] YAMAO, YASUSHI, JP
[72] UMEDA, NARUMI, JP
[71] NTT DOCOMO, INC., JP
[22] 2001-05-03
[43] 2001-11-12
[30] JP (2000-140845) 2000-05-12

[21] **2,345,831**
[13] A1

[51] **Int.Cl. 7B62D 53/02**
[25] EN
[54] **ARTICULATED VEHICLE**
[54] **VEHICULE ARTICULE**
[72] SELBY, CHRISTOPHER JOHN, GB
[72] RATCLIFFE, SIMON JOHN, GB
[71] J.C. BAMFORD EXCAVATORS LIMITED, GB
[22] 2001-04-30
[43] 2001-11-13
[30] GB (0011474.4) 2000-05-13

[21] **2,345,851**
[13] A1

[51] **Int.Cl. 7A23G 3/12**
[25] EN
[54] **COTTON CANDY MAKING MACHINE**
[54] **MACHINE A FABRIQUER DE LA BARBE A PAPA**
[72] BANDOU, TADANORI, JP
[72] HANDA, KOICHIRO, JP
[71] HANDA KIKAIKIGU CO., LTD., JP
[22] 2001-04-24
[43] 2001-11-11
[30] JP (2000-138719) 2000-05-11
[30] JP (2000-280606) 2000-09-14
[30] JP (2000-334865) 2000-11-01

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[21] **2,345,859**
[13] A1

[51] **Int.Cl. 7F25C 3/04 7E01H 4/02 7A63C 19/10**
[25] EN
[54] **ROTARY VALVE TO FEED ARTIFICIAL SNOW AT CONSTANT RATE**
[54] **VANNE ROTATIVE POUR L'ALIMENTATION A DEBIT CONSTANT DE NEIGE ARTIFICIELLE**
[72] FUJIWARA, TAKAMASA, JP
[71] KOYO INDUSTRY CO., LTD., JP
[22] 2001-05-01
[43] 2001-11-17
[30] JP (2000-145381) 2000-05-17

[21] **2,345,915**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/28 7C12Q 1/68 7C07K 14/705**
[25] EN
[54] **GPI-ANCHORED SMALL LEUCINE-RICH PROTEOGLYCAN GENE**
[54] **GENE CODANT POUR UN PETIT PROTEOGLYCANE A ANCRE GPI RICHE EN LEUCINE**
[72] BECH-HANSEN, N. TORBEN, CA
[71] BECH-HANSEN, N. TORBEN, CA
[22] 2001-05-14
[43] 2001-11-12
[30] CA (2,306,241) 2000-05-12

[21] **2,346,224**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 12/14 7G06F 17/60**
[25] EN
[54] **METHOD OF PROVIDING AN INVENTORY OF DIGITAL IMAGES AND PRODUCT**
[54] **METHODE DE FOURNITURE D'UN INVENTAIRE DE PRODUITS ET D'IMAGES NUMERIQUES**
[72] PILCHER, AL, CA
[71] DIGITAL GUARD CORPORATION, CA
[22] 2001-05-04
[43] 2001-11-12
[30] CA (2,308,830) 2000-05-12
[30] US (60/224,005) 2000-08-01

[21] **2,345,880**
[13] A1

[51] **Int.Cl. 7B30B 15/30**
[25] EN
[54] **A RECEPTION STATION ON A SHAPING PRESS AND A SET OF TOOLS FOR A SAID STATION**
[54] **STATION DE RECEPTION SUR UNE PRESSE A FACONNER ET ENSEMBLE D'OUTILS POUR LADITE STATION**
[72] CALAME, FABRICE, CH
[72] BAUMANN, ROBERT, CH
[71] BOBST SA, CH
[22] 2001-05-01
[43] 2001-11-11
[30] CH (2000 0925/00) 2000-05-11

[21] **2,345,929**
[13] A1

[51] **Int.Cl. 7C23C 22/13**
[25] EN
[54] **METAL SURFACE-TREATING METHOD**
[54] **METHODE DE TRAITEMENT DE SURFACE METALLIQUE**
[72] CHIHARA, HIROSHI, JP
[72] KINOSE, YUTAKA, JP
[72] OKUNO, ERIKO, JP
[72] TSUGE, KENJI, JP
[72] NAGAYAMA, TAKAHIRO, JP
[72] HATA, TORU, JP
[71] NIPPON CHEMICAL INDUSTRIAL CO., LTD., JP
[71] NIPPON PAINT CO., LTD., JP
[22] 2001-05-03
[43] 2001-11-15
[30] JP (2000-141313) 2000-05-15
[30] JP (2001-008717) 2001-01-17

[21] **2,346,234**
[13] A1

[51] **Int.Cl. 7H02G 15/08**
[25] EN
[54] **GROUND EXPANSION JOINT COUPLING**
[54] **RACCORD POUR JOINT D'EXPANSION MOBILE**
[72] MAGNO, JOSE MARIA D., JR., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2001-05-04
[43] 2001-11-12
[30] US (60/203,717) 2000-05-12
[30] US (60/268,684) 2001-02-14

[21] **2,345,888**
[13] A1

[51] **Int.Cl. 7B65G 49/00**
[25] EN
[54] **ELEVATED CONVEYOR FOR SHEETS**
[54] **CONVOYEUR SURELEVE POUR FEUILLES**
[72] SPALAZZO, GIAN PIERO, IT
[72] MORETTO, FABIO, IT
[72] MASINI, GIANCARLO, IT
[72] LAMBERTI, FAUSTO, IT
[71] CIVIEMME S.P.A., IT
[22] 2001-05-01
[43] 2001-11-12
[30] IT (MI2000A-001055) 2000-05-12

[21] **2,346,193**
[13] A1

[51] **Int.Cl. 7E21B 47/00**
[25] EN
[54] **METHOD FOR EVALUATING FORMATION RESISTIVITY AT A SELECTED DEPTH OF INVESTIGATION**
[54] **METHODE POUR EVALUER LA RESISTIVITE D'UNE FORMATION A UNE PROFONDEUR CHOISIE**
[72] STRICKLAND, ROBERT W., US
[72] HAGIWARA, TERUHIKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2001-05-02
[43] 2001-11-12
[30] US (09/570,295) 2000-05-12

[21] **2,346,239**
[13] A1

[51] **Int.Cl. 7A01K 93/02**
[25] EN
[54] **FISHING BOBBER WITH STRIKE-INDICATING RADIO TRANSMITTER**
[54] **FLOTTEUR POUR LA PECHE AVEC EMETTEUR RADIO INDICATEUR DE TOUCHE**
[72] KLEIN, DARREL J., US
[71] KLEIN, DARREL J., US
[22] 2001-05-04
[43] 2001-11-15
[30] US (09/571,368) 2000-05-15

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[21] **2,346,273**
[13] A1

[51] **Int.Cl. 7B65D 65/28 7B65H 1/00 7A47K 10/42**
[25] EN
[54] **PACKET OF TISSUES**
[54] **PAQUET DE PAPIERS-MOUCHOIRS**
[72] LAURENT, PIERRE, FR
[72] TOURRE, CHRISTIAN, FR
[72] BRETEAU, SYLVAIN, FR
[71] GEORGIA-PACIFIC FRANCE, FR
[22] 2001-05-04
[43] 2001-11-11
[30] EP (00 401 294.4) 2000-05-11

[21] **2,346,444**
[13] A1

[51] **Int.Cl. 7B29C 59/04**
[25] EN
[54] **NON-GLOSSING THERMOFORMED FILM**
[54] **FILM THERMOFORME MAT**
[72] DIAZ, ANTONIO A., US
[72] SARVER, LARRY D., US
[71] BAYER CORPORATION, US
[22] 2001-05-04
[43] 2001-11-12
[30] US (09/569,639) 2000-05-12

[21] **2,346,581**
[13] A1

[51] **Int.Cl. 7B65B 67/00**
[25] EN
[54] **CONTAINER LOADER LEDGE**
[54] **REBORD DE CHARGEMENT D'UN CONTENEUR**
[72] MUCHIN, JAY Z., US
[72] MERTEN, DAVID J., US
[71] MUCHIN, JAY Z., US
[71] MERTEN, DAVID J., US
[22] 2001-05-08
[43] 2001-11-11
[30] US (09/569,177) 2000-05-11

[21] **2,346,316**
[13] A1

[51] **Int.Cl. 7E02F 3/76**
[25] EN
[54] **METHOD AND APPARATUS FOR HIGH SPEED GRADING**
[54] **METHODE ET DISPOSITIF DE NIVELAGE RAPIDE DE ROUTE**
[72] HECKENDORF, DAVID W., AU
[71] SAVANNAH FORESTRY EQUIPMENT, LLC, US
[22] 2001-05-04
[43] 2001-11-15
[30] US (60/204,152) 2000-05-15

[21] **2,346,513**
[13] A1

[51] **Int.Cl. 7B65G 15/22**
[25] EN
[54] **MODULAR CONVEYOR**
[54] **CONVOYEUR MODULAIRE**
[72] THURSTON, DONALD S., CA
[72] CARDNO, GARY M., CA
[71] THURSTON, DONALD S., CA
[71] CARDNO, GARY M., CA
[22] 2001-05-07
[43] 2001-11-12
[30] CA (2,308,354) 2000-05-12

[21] **2,346,590**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 12/18 7H04Q 7/20**
[25] EN
[54] **PACKET COMMUNICATION SYSTEM, MOBILE COMMUNICATION SYSTEM, AND ADDRESSING METHOD FOR COMMUNICATION**
[54] **SYSTEME DE COMMUNICATION PAR PAQUETS, SYSTEME DE COMMUNICATION MOBILE ET METHODE D'ADRESSAGE POUR COMMUNICATION**
[72] IWATA, ATSUSHI, JP
[72] YAMANO, SHIGEKI, JP
[71] NEC CORPORATION, JP
[22] 2001-05-08
[43] 2001-11-16
[30] JP (2000-143738) 2000-05-16

[21] **2,346,317**
[13] A1

[51] **Int.Cl. 7G02B 6/16 7G02B 6/17 7G02B 6/18**
[25] FR
[54] **COMPENSATION DE LA DISPERSION MODALE DE POLARISATION D'UN RESEAU INSCRIT DANS UNE FIBRE OPTIQUE**
[54] **COMPENSATION OF THE MODAL DISPERSION OF POLARIZATION OF A NETWORK SET IN OPTIC FIBER**
[72] BERTHELOT, LAURENT, FR
[72] RIAANT, ISABELLE, FR
[72] SANSONETTI, PIERRE, FR
[71] ALCATEL, FR
[22] 2001-05-02
[43] 2001-11-11
[30] FR (00 06 004) 2000-05-11

[21] **2,346,545**
[13] A1

[51] **Int.Cl. 7G06K 15/02 7G06F 3/12**
[25] EN
[54] **PERFORMANCE OPTIMIZATION OF MONOCHROME PAGES IN A COLOR PRINTING SYSTEM**
[54] **OPTIMISATION DE LA PERFORMANCE DE PAGES MONOCHROMES DANS UN SYSTEME D'IMPRESSION EN COULEUR**
[72] EVANS, SUSAN, US
[72] RUMPH, DAVID E., US
[72] WELLS, TERRY C., US
[71] XEROX CORPORATION, US
[22] 2001-05-07
[43] 2001-11-12
[30] US (09/569,638) 2000-05-12

[21] **2,346,592**
[13] A1

[51] **Int.Cl. 7E05B 19/00 7A61B 5/117**
[25] EN
[54] **BIOMETRIC KEY**
[54] **CLE BIOMETRIQUE**
[72] BACCCHIAZ, JOHN D., AU
[72] CHRISTENSEN, ROBERT SR., AU
[71] MONDAMI PTY. LTD., AU
[22] 2001-05-08
[43] 2001-11-16
[30] AU (PQ7541) 2000-05-16
[30] AU (71644/00) 2000-11-16

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[21] **2,346,601**
[13] A1

[51] **Int.Cl. 7H01M 4/24 7H01M 10/24**
[25] EN
[54] **EFFICIENT CELL STACK FOR CELLS WITH DOUBLE SCREEN SANDWICH CATHODES**
[54] **EMPILEMENT EFFICACE DE CELLULES POUR PILES AVEC CATHODE SANDWICH A DEUX ECRANS**
[72] GAN, HONG, US
[71] WILSON GREATBATCH LTD., US
[22] 2001-05-08
[43] 2001-11-16
[30] US (60/204,477) 2000-05-16

[21] **2,346,737**
[13] A1

[51] **Int.Cl. 7G01F 23/18 7G06F 17/00 7B60K 15/00 7B60R 27/00 7B60R 16/02**
[25] EN
[54] **SOLID STATE FUEL LEVEL SENSING**
[54] **DETECTION TRANSISTORISEE DU NIVEAU DE CARBURANT**
[72] BENJEY, ROBERT PHILIP, US
[71] EATON CORPORATION, US
[22] 2001-05-08
[43] 2001-11-12
[30] US (09/570,840) 2000-05-12

[21] **2,346,746**
[13] A1

[51] **Int.Cl. 7C07C 323/30 7C07C 323/17 7C08J 3/24 7C08K 5/375**
[25] EN
[54] **COVULCANISABLE ANTI-AGEING AGENTS**
[54] **AGENTS ANTI-VIEILLISSEMENT COVULCANISABLES**
[72] LAUE, CHRISTIAN, DE
[72] OBERTHUR, MARKUS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2001-05-08
[43] 2001-11-11
[30] DE (10022950.6) 2000-05-11

[21] **2,346,624**
[13] A1

[51] **Int.Cl. 7B60L 11/18**
[25] EN
[54] **VEHICLE POWERED BY A BATTERY**
[54] **VEHICULE A BATTERIE**
[72] KUWAYAMA, JUNICHI, JP
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP
[22] 2001-05-08
[43] 2001-11-16
[30] JP (2000-143889) 2000-05-16

[21] **2,346,739**
[13] A1

[51] **Int.Cl. 7G04G 1/00 7G04G 17/00**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE SUCH AS, IN PARTICULAR, A TIMEPIECE, FITTED WITH A PUSH-BUTTON**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF COMME, EN PARTICULIER, UN APPAREIL HORAIRE, MUNI D'UN BOUTON-POUSSOIR**
[72] GRUPP, JOACHIM, CH
[71] THE SWATCH GROUP MANAGEMENT SERVICES AG, CH
[22] 2001-05-08
[43] 2001-11-11
[30] CH (0927/00) 2000-05-11

[21] **2,346,760**
[13] A1

[51] **Int.Cl. 7H04M 3/42**
[25] EN
[54] **PRESENCE INFORMATION METHOD AND SYSTEM**
[54] **METHODE ET SYSTEME D'INFORMATION SUR LA PRESENCE**
[72] DUPONCHEL, YANN, CH
[72] GRAF, MARCEL, CH
[72] DERMLER, GABRIEL, DE
[72] HEUSLER, LUCAS S., CH
[72] KLEINODER, WOLFGANG B., CH
[72] TRUONG, HONG LINH, CH
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2001-05-07
[43] 2001-11-17
[30] EP (00110502.2) 2000-05-17

[21] **2,346,626**
[13] A1

[51] **Int.Cl. 7A61K 7/50 7C11D 3/48**
[25] EN
[54] **ANTIMICROBIAL CLEANSING COMPOSITION AND WIPE**
[54] **COMPOSITION ET SERVIETTE NETTOYANTES ANTIMICROBIENNES**
[72] VILLA, VIRGILIO BARBA, US
[72] LUNSMANN, WALTER JOSEPH, US
[71] UNILEVER PLC, GB
[22] 2001-05-08
[43] 2001-11-11
[30] US (60/203412) 2000-05-11

[21] **2,346,741**
[13] A1

[51] **Int.Cl. 7B05C 13/00**
[25] EN
[54] **DEVICE AND METHOD FOR COATING WORKPIECES**
[54] **APPAREIL ET METHODE POUR APPLICATION DE REVETEMENT SUR PIECES**
[72] RENZ, WOLFGANG, DE
[72] HEINTEL, MARKUS, DE
[72] DOLKER GERHARD, DE
[71] ROBERT BURKLE GMBH, DE
[22] 2001-05-08
[43] 2001-11-12
[30] DE (100 23 243.4) 2000-05-12

[21] **2,346,761**
[13] A1

[51] **Int.Cl. 7G06K 15/02 7G06F 13/10**
[25] EN
[54] **METHOD, SYSTEM, PROGRAM, AND DATA STRUCTURE FOR GENERATING RASTER OBJECTS**
[54] **METHODE, SYSTEME, PROGRAMME ET STRUCTURE DE DONNEES POUR LA GENERATION D'OBJETS TRAMES**
[72] VARGA, JOHN THOMAS, US
[72] KUSH, CHRISTOPHER STARBUCK, US
[72] ASCHENBRENNER, JEAN MARGARET, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2001-05-07
[43] 2001-11-12
[30] US (09/569,777) 2000-05-12

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[21] **2,347,050**
[13] A1
[51] **Int.Cl. 7B60C 17/04**
[25] FR
[54] **DISPOSITIF DE ROULAGE A PLAT POUR VEHICULE AUTOMOBILE**
[54] **RUNNING FLAT DEVICE FOR MOTOR VEHICLE**
[72] PELLETIER, BRUNO, FR
[72] MICHELOT, ERIC, FR
[72] HEUZE, OLIVIER, FR
[71] HUTCHINSON, FR
[22] 2001-05-08
[43] 2001-11-11
[30] FR (0005998) 2000-05-11

[21] **2,347,061**
[13] A1
[51] **Int.Cl. 7H05B 33/00 7G09F 13/00**
[25] EN
[54] **LUMINOUS DIFFUSED LIGHT PANEL WITH LOW ENERGY CONSUMPTION AND LIMITED THICKNESS**
[54] **PANNEAU LUMINEUX A DIFFUSION A FAIBLE CONSOMMATION ENERGETIQUE ET D'EPaisseur LIMITEE**
[72] GAI, GIORGIO, IT
[71] GAI, GIORGIO, IT
[22] 2001-05-10
[43] 2001-11-12
[30] IT (GE2000A000066) 2000-05-12
[30] IT (GE2001A000035) 2001-04-13

[21] **2,347,065**
[13] A1
[51] **Int.Cl. 7G03D 3/02**
[25] EN
[54] **PHOTOGRAPHIC LIQUIDS EFFLUENT DISCHARGE**
[54] **DECHARGE D'EFFLUENTS LIQUIDES PROVENANT D'UN ETABLISSEMENT DE TRAITEMENT PHOTOGRAPHIQUE**
[72] RIVIERE, JOHN L., CA
[72] BRUNELLE, DENIS, CA
[71] METAFIX INC., CA
[22] 2001-05-10
[43] 2001-11-11
[30] US (09/568,848) 2000-05-11

[21] **2,347,070**
[13] A1
[51] **Int.Cl. 7G06K 15/02 7H04N 1/047 7G01N 21/25**
[25] EN
[54] **SCANNING METHOD AND SCANNING APPARATUS FOR OPTICAL DENSITY MEASUREMENT**
[54] **METHODE ET APPAREIL DE BALAYAGE POUR MESURER LA DENSITE OPTIQUE**
[72] WEICHMANN, ARMIN, DE
[72] BERCHTOLD, ANDREAS, DE
[72] SCHMID, THOMAS, DE
[71] MAN ROLAND DRUCKMASCHINEN AG, DE
[22] 2001-05-10
[43] 2001-11-11
[30] DE (100 23 128.4) 2000-05-11

[21] **2,347,144**
[13] A1
[51] **Int.Cl. 7E05B 19/00**
[25] EN
[54] **KEY UNIT AND SWITCH BODY AND DOOR SWITCH USING THE SAME**
[54] **CLE ET BOITIER D'INTERUPTEUR ET INTERUPTEUR DE PORTE CORRESPONDANTS**
[72] KAJIO, HIROYUKI, JP
[72] ISA, YASUO, JP
[72] NIWA, TAKASHI, JP
[72] TAKENAKA, HIDEMITSU, JP
[71] OMRON CORPORATION, JP
[22] 2001-05-09
[43] 2001-11-12
[30] JP (P2000-139597) 2000-05-12

[21] **2,347,155**
[13] A1
[51] **Int.Cl. 7B65G 47/22**
[25] EN
[54] **METHOD AND DEVICE FOR THE HORIZONTAL POSITIONING OF SERIALY CONVEYED FLAT OBJECTS**
[54] **METHODE ET DISPOSITIF DE POSITIONNEMENT HORIZONTAL D'OBJETS PLATS TRANSPORTES EN SERIE**
[72] STUDER, BEAT, CH
[71] FERAG AG, CH
[22] 2001-05-09
[43] 2001-11-17
[30] CH (CH 0 987/00) 2000-05-17

[21] **2,347,158**
[13] A1
[51] **Int.Cl. 7B65G 47/68**
[25] EN
[54] **METHOD AND DEVICE FOR SPLITTING-UP A STREAM OF PIECE GOODS**
[54] **METHODE ET DISPOSITIF DE DIVISION D'UNE SERIE DE MARCHANDISES A LA PIECE**
[72] FREI, HANS, CH
[71] FERAG AG, CH
[22] 2001-05-09
[43] 2001-11-17
[30] CH (CH 0 986/00) 2000-05-17

[21] **2,347,167**
[13] A1
[51] **Int.Cl. 7C09D 11/10 7C09D 179/02**
[25] EN
[54] **COATING MATERIAL FOR POROUS SUBSTRATES**
[54] **MATERIAU DE REVETEMENT POUR SUPPORTS POREUX**
[72] BOTROS, RAOUF, US
[72] PIATT, MICHAEL J., US
[71] SCITEX DIGITAL PRINTING, INC., US
[22] 2001-05-09
[43] 2001-11-17
[30] US (09/574,037) 2000-05-17

[21] **2,347,196**
[13] A1
[51] **Int.Cl. 7G06K 15/02 7G06F 3/12 7G06F 17/60**
[25] EN
[54] **APPARATUS AND METHOD FOR DESCRIBING, PLANNING AND AUTOMATICALLY PROGRAMMING COMPLEX FINISHING TASKS**
[54] **APPAREIL ET METHODE DE DESCRIPTION, DE PLANIFICATION ET DE PROGRAMMATION AUTOMATIQUE DE TACHES COMPLEXES DE FINITION**
[72] SMITH, WAYNE R., US
[72] RYAN, DONALD R., US
[72] KREMERS, HENRY T., US
[72] MATHERS, KEVIN R., US
[72] STURNICK, GERARD R., US
[71] XEROX CORPORATION, US
[22] 2001-05-09
[43] 2001-11-16
[30] US (60/204,624) 2000-05-16
[30] US (60/204,460) 2000-05-16
[30] US (60/204,716) 2000-05-16
[30] US (60/204,720) 2000-05-16
[30] US (60/204,471) 2000-05-16

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[21] **2,347,205**
[13] A1

[51] **Int.Cl. 7G06F 3/12 7H04N 1/405**
[25] EN
[54] **CORRELATED SECONDARY TRC CALIBRATION METHOD**
[54] **METHODE D'ETALONNAGE A CORRELATION SECONDAIRE PAR TRC**
[72] RUMPH, DAVID E., US
[72] HAINS, CHARLES M., US
[72] LUNG, VINCENT C., US
[71] XEROX CORPORATION, US
[22] 2001-05-08
[43] 2001-11-12
[30] US (09/569,637) 2000-05-12

[21] **2,347,217**
[13] A1

[51] **Int.Cl. 7H04Q 3/42**
[25] EN
[54] **MATRIX SWITCH CIRCUIT**
[54] **CIRCUIT COMMUTATEUR DE MATRICES**
[72] TAKAHASHI, TSUGIO, JP
[71] NEC CORPORATION, JP
[22] 2001-05-09
[43] 2001-11-11
[30] JP (138478/2000) 2000-05-11

[21] **2,347,221**
[13] A1

[51] **Int.Cl. 7G06F 12/02 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD FOR CACHING OF REUSABLE OBJECTS**
[54] **SYSTEME ET METHODE POUR MISE EN ANTEMEMOIRE D'OBJETS REUTILISABLES**
[72] BOUCHE, JEAN-YVES, FR
[72] SANS, CHARLES, US
[71] XEROX CORPORATION, US
[22] 2001-05-09
[43] 2001-11-16
[30] US (09/571,831) 2000-05-16

[21] **2,347,229**
[13] A1

[51] **Int.Cl. 7B65G 21/10**
[25] EN
[54] **DEVICE FOR SWIVELING A ROTARY FRAME**
[54] **DISPOSITIF POUR FAIRE PIVOTER UN CADRE ROTATIF**
[72] SCHARSCHINGER, MARGRIT, DE
[72] OSTERMANN, ANDREAS, DE
[71] ERHARDT + LEIMER GMBH, DE
[22] 2001-05-09
[43] 2001-11-11
[30] DE (100 22 926.3) 2000-05-11

[21] **2,347,285**
[13] A1

[51] **Int.Cl. 7A63B 47/00 7A63B 57/00**
[25] EN
[54] **GOLF BALL AND TEE SETTING DEVICE**
[54] **DISPOSITIF DE PLACEMENT DE TE ET DE BALLE DE GOLF**
[72] TAHIROVIC, OSMAN, CA
[72] WHITTAKER, HAROLD, CA
[72] BALLETT, BRUCE, CA
[71] TAHIROVIC, OSMAN, CA
[71] WHITTAKER, HAROLD, CA
[71] BALLETT, BRUCE, CA
[22] 2001-05-09
[43] 2001-11-16
[30] US (09/571,159) 2000-05-16

[21] **2,347,288**
[13] A1

[51] **Int.Cl. 7A45D 44/00 7A61F 13/00**
[25] EN
[54] **VISUAL REFERENCE SYSTEM FOR SANITARY ABSORBENT ARTICLE**
[54] **SYSTEME DE REFERENCE VISUEL POUR ARTICLE HYGIENIQUE ABSORBANT**
[72] BRISEBOIS, HENRI, CA
[72] MOHMAD, ROYA, CA
[71] JOHNSON & JOHNSON INC., CA
[22] 2001-05-10
[43] 2001-11-12
[30] US (09/569,667) 2000-05-12

[21] **2,347,301**
[13] A1

[51] **Int.Cl. 7A61K 31/352 7A61P 31/00 7A61K 9/12 7A61K 31/375**
[25] EN
[54] **PROANTHOCYANIDINS AND ASCORBIC ACID COMPOSITION FOR TOPICAL APPLICATION TO HUMAN RESPIRATORY AND ORAL MUCOSA**
[54] **COMPOSITION DE PROANTHOCYANIDINES ET D'ACIDE ASCORBIQUE POUR APPLICATION TOPIQUE AUX MUQUEUSES RESPIRATOIRES ET BUCCALES**
[72] ROSS, MICHAEL A., CA
[71] ROSS, MICHAEL A., CA
[22] 2001-05-09
[43] 2001-11-11
[30] US (09/569,273) 2000-05-11

[21] **2,347,305**
[13] A1

[51] **Int.Cl. 7B23B 51/00**
[25] EN
[54] **A SKIVING HEAD AND PROCESS FOR SKIVING CYLINDERS AND CYLINDER TUBES**
[54] **TETE DE DRAYAGE ET PROCEDE POUR DRAYER LES CYLINDRES ET LES TUBES**
[72] OSTERTAG, ALFRED, DE
[71] ECOROLL AG, DE
[22] 2001-05-11
[43] 2001-11-13
[30] DE (100 23 535.2) 2000-05-13

[21] **2,347,307**
[13] A1

[51] **Int.Cl. 7B65H 29/68**
[25] EN
[54] **A DEVICE FOR BRAKING A MACHINE FOR PROCESSING ELEMENTS IN SHEET FORM**
[54] **DISPOSITIF DE FREINAGE D'UNE MACHINE DE TRAITEMENT D'ELEMENTS SUR FEUILLE EN CONTINU**
[72] REBEAUD, JEAN-CLAUDE, CH
[71] BOBST S.A., CH
[22] 2001-05-11
[43] 2001-11-12
[30] CH (2000 0934/00) 2000-05-12

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[21] **2,347,312**
[13] A1
[51] **Int.Cl. 7A61F 13/472**
[25] EN
[54] **SANITARY NAPKIN WITH BREATHABLE EXTENSION**
[54] **SERVIETTE HYGIENIQUE AVEC RALLONGE PERMEABLE ~ L'AIR**
[72] CANUEL, LOUIS, CA
[71] JOHNSON & JOHNSON INC., CA
[22] 2001-05-11
[43] 2001-11-12
[30] US (09/570,113) 2000-05-12
[30] US (09/829,391) 2001-04-09

[21] **2,347,317**
[13] A1
[51] **Int.Cl. 7F02N 15/02**
[25] EN
[54] **ENGINE STARTER**
[54] **DEMARREUR DE MOTEUR**
[72] TACHIBANA, FUSAO, JP
[71] FUJI JUKOGYO KABUSHIKI KAISHA, JP
[22] 2001-05-10
[43] 2001-11-11
[30] JP (2000-137896) 2000-05-11

[21] **2,347,319**
[13] A1
[51] **Int.Cl. 7A63B 22/02**
[25] EN
[54] **TREADMILL CUSHION**
[54] **COUSSIN POUR TAPIS ROULANT**
[72] DYER, DAVID, US
[72] WAITE, PATRICK J., US
[72] KLEMCZYK, CHRIS, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2001-05-11
[43] 2001-11-12
[30] US (60/203,651) 2000-05-12

[21] **2,347,322**
[13] A1
[51] **Int.Cl. 7A61M 11/00**
[25] EN
[54] **PORTABLE OXYGEN DISPENSER**
[54] **DISTRIBUTEUR D'OXYGENE PORTATIF**
[72] WELIK, RALPH, CA
[71] WELIK, RALPH, CA
[22] 2001-05-10
[43] 2001-11-11
[30] US (09/568,922) 2000-05-11

[21] **2,347,323**
[13] A1
[51] **Int.Cl. 7F17C 13/00 7B01D 53/047**
[25] EN
[54] **GAS GENERATING SYSTEMS WITH MULTI-RATE CHARGING FEATURE**
[54] **SYSTEMES GENERATEURS DE GAZ AVEC ELEMENT DE CHARGE A DIFFERENTES VITESSES**
[72] CAO, TUAN Q., US
[71] LITTON SYSTEMS, INC., US
[22] 2001-05-10
[43] 2001-11-16
[30] US (09/570,514) 2000-05-16

[21] **2,347,327**
[13] A1
[51] **Int.Cl. 7C09K 5/06**
[25] EN
[54] **PROCESS FOR PRODUCING AN ACCUMULATOR COMPOSITE FOR ACCUMULATING HEAT OR COLD**
[54] **METHODE DE PRODUCTION D'UN ACCUMULATEUR COMPOSITE POUR L'ACCUMULATION DE CHALEUR OU DE FROID**
[72] NIEMANN, MARLIES, DE
[72] NEUSCHUTZ, MARK, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[22] 2001-05-10
[43] 2001-11-15
[30] DE (100 23 572.7) 2000-05-15

[21] **2,347,328**
[13] A1
[51] **Int.Cl. 7A61L 24/02**
[25] EN
[54] **BIOCEMENTS HAVING IMPROVED COMPRESSIVE STRENGTH**
[54] **BIOCIMENTES POSSEDANT UNE MEILLEURE RESISTANCE A LA COMPRESSION**
[72] WENZ, ROBERT, DE
[72] DRIESSENS, FERDINAND, NL
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[22] 2001-05-10
[43] 2001-11-12
[30] EP (00 110 045.2) 2000-05-12

[21] **2,347,331**
[13] A1
[51] **Int.Cl. 7A61H 33/00**
[25] EN
[54] **FREEZE-DRIED COMPOSITE MATERIALS AND PROCESSES FOR THE PRODUCTION THEREOF**
[54] **MATERIAUX COMPOSITES LYOPHILISES ET PROCEDES POUR LEUR PREPARATION**
[72] HARVEY, WIL, GB
[72] VAN LEEUWEN, PETER, DE
[72] AITKEN, WILL, GB
[72] HYLAND, TOM, GB
[71] JOHNSON & JOHNSON MEDICAL LIMITED, GB
[22] 2001-05-10
[43] 2001-11-12
[30] US (09/570,105) 2000-05-12

[21] **2,347,332**
[13] A1
[51] **Int.Cl. 7D01F 9/127 7C01B 31/04**
[25] EN
[54] **CARBON FIBRILS AND METHOD FOR PRODUCING SAME**
[54] **FIBRILLES DE CARBONE ET METHODE POUR LEUR PRODUCTION**
[72] LEE, CHAN WON, KR
[72] BANG, JUNG-SIK, KR
[71] KOREA CARBON BLACK CO., LTD., KR
[22] 2001-05-10
[43] 2001-11-13
[30] EP (00 110 092.4) 2000-05-13

[21] **2,347,334**
[13] A1
[51] **Int.Cl. 7B01D 53/04 7A62B 19/00 7B01J 20/34**
[25] EN
[54] **PROCESS FOR GAS ADSORPTION USING AMINOMETHYLATED BEAD POLYMERS**
[54] **PROCEDE D'ADSORPTION DE GAZ A L'AIDE DE POLYMERES AMINOMETHYLES EN PERLE**
[72] WAMBACH, WOLFGANG, DE
[72] KLIPPER, REINHOLD, DE
[72] SCHNEGG, ULRICH, DE
[72] WAGNER, RUDOLF, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2001-05-11
[43] 2001-11-16
[30] DE (10023970.6) 2000-05-16

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

[51] **Int.Cl. 7B60P 1/04**
[25] EN
[54] **LOAD CARRYING MACHINE**
[54] **MACHINE DE CHARGEMENT**
[72] DEAVALL, GRAHAM, GB
[72] WALTON, KENNETH EDWARD, GB
[72] RATCLIFFE, SIMON JOHN, GB
[71] J.C. BAMFORD EXCAVATORS LIMITED, GB
[22] 2001-05-11
[43] 2001-11-13
[30] GB (0011471.0) 2000-05-13

[21] **2,347,384**
[13] A1

[51] **Int.Cl. 7B66B 5/16**
[25] EN
[54] **HIGH EFFICIENCY SHOES FOR A JACK ARRESTOR**
[54] **GARNITURES A HAUT RENDEMENT POUR UN DISPOSITIF D'ARRET DE VERIN**
[72] BALDWIN, PAUL L., US
[72] KOSHAK, JOHN W., US
[71] INVENTIO AG, CH
[22] 2001-05-11
[43] 2001-11-15
[30] US (09/571,589) 2000-05-15

[21] **2,347,400**
[13] A1

[51] **Int.Cl. 7B61H 13/00 7G08C 17/00**
[25] EN
[54] **PROTECTION DEVICE TO PREVENT TRAIN INCURSIONS INTO A FORBIDDEN AREA**
[54] **DISPOSITIF DE PREVENTION DES INTRUSIONS DE TRAINS DANS LES ZONES INTERDITES**
[72] FISHER, GLEN T., CA
[71] FISHER, GLEN T., CA
[22] 2001-05-11
[43] 2001-11-12
[30] US (09/569,939) 2000-05-12

[21] **2,347,348**
[13] A1

[51] **Int.Cl. 7E21B 33/13**
[25] EN
[54] **METHODS OF CEMENTING SUBTERRANEAN ZONES**
[54] **METHODES DE CIMENTATION DE ZONES SOUTERRAINES**
[72] CROMWELL, ROGER S., US
[72] CHATTERJI, JITEN, US
[72] KING, BOBBY J., US
[72] GRAY, DENNIS W., US
[72] BRENNEIS, DARREL C., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2001-05-11
[43] 2001-11-12
[30] US (09/569,519) 2000-05-12

[21] **2,347,387**
[13] A1

[51] **Int.Cl. 7A23L 1/302 7A23G 1/00 7A23G 3/00 7A23G 9/00 7A61P 9/00 7A61P 19/10 7A61K 31/122 7A23L 1/39 7A23L 2/52**
[25] EN
[54] **VITAMIN CONTAINING PRODUCT**
[54] **PRODUIT VITAMINE**
[72] QUINLAN, PAUL THOMAS, NL
[71] UNILEVER PLC, GB
[22] 2001-05-10
[43] 2001-11-12
[30] EP (00303995.5) 2000-05-12

[21] **2,347,407**
[13] A1

[51] **Int.Cl. 7H03F 1/32 7H04Q 7/36**
[25] EN
[54] **A LINEAR AMPLIFIER ARRANGEMENT**
[54] **AMPLIFICATEUR LINEAIRE**
[72] WIDDOWSON, SCOTT, GB
[72] SMITH, HOWARD, GB
[72] BOOTH, ANDREW, GB
[72] LEWSEY, DAVID, GB
[71] NORTEL NETWORKS LIMITED, CA
[22] 2001-05-10
[43] 2001-11-11
[30] GB (0011326.6) 2000-05-11

[21] **2,347,349**
[13] A1

[51] **Int.Cl. 7B41J 2/325 7B41J 32/00**
[25] EN
[54] **CASSETTE FOR THERMAL TRANSFER RIBBON FOR SETTING IMAGES ON PRINTING PLATES**
[54] **CARTOUCHE DE RUBAN A THERMOTRANSFERT POUR REPRODUIRE DES IMAGES SUR DES PLAQUES D'IMPRESSION**
[72] HARTMANN, THOMAS, DE
[71] MAN ROLAND DRUCKMASCHINEN AG, DE
[22] 2001-05-11
[43] 2001-11-12
[30] DE (100 23 319.8) 2000-05-12

[21] **2,347,392**
[13] A1

[51] **Int.Cl. 7B29D 11/00 7G02C 7/04**
[25] EN
[54] **PROCESS OF MANUFACTURING CONTACT LENSES WITH MEASURED EXPOSURE TO OXYGEN**
[54] **METHODE DE FABRICATION DE LENTILLES CORNEENNES AVEC EXPOSITION RESTREINTE A L'OXYGENE**
[72] CALTRIDER, JEFFREY D., US
[72] SPAULDING, TERRY L., US
[72] RICARD, JOSEPH W., US
[72] CALVIN, OLIN W., US
[72] KINDT-LARSEN, TURE, US
[72] ENNS, JOHN B., US
[72] STEVEN, JEFFREY E., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2001-05-10
[43] 2001-11-12
[30] US (09/570,104) 2000-05-12

[21] **2,347,408**
[13] A1

[51] **Int.Cl. 7H01M 10/26 7H01G 4/18**
[25] EN
[54] **ELECTRICAL COMPONENT AND METHOD FOR MANUFACTURING THE SAME**
[54] **ELEMENT ELECTRIQUE ET METHODE DE FABRICATION CONNEXE**
[72] SHIMIZU, TATSUO, JP
[72] SATO, TAKAYA, JP
[71] NISSHINBO INDUSTRIES, INC., JP
[71] ITOCHU CORPORATION, JP
[22] 2001-05-11
[43] 2001-11-15
[30] JP (2000-141687) 2000-05-15

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[21] **2,347,413**
[13] A1

[51] **Int.Cl. 7G06K 15/02 7B41F 33/00 7G06F 3/12**
[25] EN
[54] **A DEVICE FOR PROCESSING PRINTING DEFECTS DETECTED IN A PRINTING MACHINE**
[54] **DISPOSITIF POUR TRAITER LES DEFAUTS D'IMPRESSION DETECTES DANS UNE MACHINE A IMPRIMER**
[72] FROSSARD, DANIEL, CH
[72] STERN, NATHAN, CH
[71] BOBST S.A., CH
[22] 2001-05-10
[43] 2001-11-11
[30] CH (2000 0926/00) 2000-05-11

[21] **2,347,439**
[13] A1

[51] **Int.Cl. 7C07K 16/28 7C12N 5/08 7A61K 39/395**
[25] EN
[54] **NOVEL ANTIBODY COMPOSITIONS FOR PREPARING ENRICHED EOSINOPHIL PREPARATIONS**
[54] **NOUVELLES COMPOSITIONS D'ANTICORPS POUR PREPARER DES PREPARATIONS EOSINOPHILES ENRICHIES**
[72] THOMAS, TERRY E., CA
[72] HORROCKS, CAROLYN, SE
[71] STEMCELL TECHNOLOGIES INC., CA
[22] 2001-05-11
[43] 2001-11-11
[30] US (60/203,484) 2000-05-11

[21] **2,347,440**
[13] A1

[51] **Int.Cl. 7A61K 7/13**
[25] EN
[54] **HAIR COLORING COMPOSITION AND METHOD**
[54] **COMPOSITION ET METHODE DE COLORATION CAPILLAIRE**
[72] POLLACK, GEORGE, US
[71] HAIRMARKER LLC, US
[22] 2001-05-11
[43] 2001-11-11
[30] US (09/568,830) 2000-05-11
[30] US (09/675,838) 2000-09-29

[21] **2,347,442**
[13] A1

[51] **Int.Cl. 7A61K 31/717 7A61P 17/00 7A61P 29/00 7A61P 19/02 7A61K 38/39**
[25] EN
[54] **FREE RADICAL SCAVENGING COMPOSITIONS**
[54] **COMPOSITIONS DE PIEGEAGE DE RADICAUX LIBRES**
[72] MOORE, JONATHAN, GB
[72] SCHMIDT, RICHARD, GB
[72] BOGAN, DECLAN, IE
[71] JOHNSON & JOHNSON MEDICAL, LIMITED, GB
[22] 2001-05-11
[43] 2001-11-12
[30] US (09/569,689) 2000-05-12

[21] **2,347,445**
[13] A1

[51] **Int.Cl. 7B26D 7/18 7B30B 15/00 7B26F 1/40**
[25] EN
[54] **A CONVERTING PRESS**
[54] **PRESSE DE TRANSFORMATION**
[72] TRAN, HA-SIMON, CH
[72] JAQUET, BERNARD, CH
[72] DE DOMPIERRE, JEAN-BERNARD, CH
[71] BOBST S.A., CH
[22] 2001-05-15
[43] 2001-11-16
[30] CH (2000 0960/00) 2000-05-16

[21] **2,347,446**
[13] A1

[51] **Int.Cl. 7H03M 13/45**
[25] EN
[54] **HIGH SPEED TURBO DECODER**
[54] **DECODEUR TURBO HAUTE VITESSE**
[72] MARU, TSUGUO, JP
[71] NEC CORPORATION, JP
[22] 2001-05-11
[43] 2001-11-12
[30] JP (139493/2000) 2000-05-12

[21] **2,347,449**
[13] A1

[51] **Int.Cl. 7C08K 3/02 7C08L 23/08 7C08K 3/22 7E04B 1/80**
[25] EN
[54] **FIRE RESISTANT POLYMERIC FILM AND INSULATION ASSEMBLY**
[54] **FILM POLYMERES RESISTANT AU FEU ET ASSEMBLAGE POUR ISOLATION**
[72] HINDI, MAJID, US
[72] FANT, LOYE DWAYNE, US
[72] BOGRET, BLAKE BOYD, US
[72] RAY, RICHARD J., US
[71] JOHNS MANVILLE INTERNATIONAL, INC., US
[22] 2001-05-15
[43] 2001-11-16
[30] US (09/572,030) 2000-05-16

[21] **2,347,454**
[13] A1

[51] **Int.Cl. 7D21C 9/147 7D21C 9/06**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING PULP**
[54] **METHODE ET APPAREIL POUR TRAITER LA PATE**
[72] PIKKA, OLAVI, FI
[72] KONTTURI, EERO, FI
[72] VEHMAA, JANNE, FI
[72] HENRICSON, KAJ, FI
[71] ANDRITZ-AHLSTROM OY, FI
[22] 2001-05-15
[43] 2001-11-16
[30] FI (2000 1169) 2000-05-16

[21] **2,347,456**
[13] A1

[51] **Int.Cl. 7C02F 1/14**
[25] EN
[54] **DESALINATION PROCESS/EQUIPMENT II**
[54] **PROCESSUS ET EQUIPEMENT DE DESSALEMENT II**
[72] SUPPIAH, SELLATHURAI, CA
[72] SUPPIAH, KAMALAMMA, CA
[72] SUPPIAH, ASHA, CA
[71] SUPPIAH, SELLATHURAI, CA
[71] SUPPIAH, KAMALAMMA, CA
[71] SUPPIAH, ASHA, CA
[22] 2001-05-11
[43] 2001-11-12
[30] CA (2,308,805) 2000-05-12

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[21] **2,347,459**
[13] A1

[51] **Int.Cl. 7C10M 133/38**
[25] EN
[54] **DIESEL FUEL STABILISER**
[54] **AGENT DE STABILISATION POUR COMBUSTIBLE DIESEL**
[72] GOODRICH, BARBARA ELIZABETH, US
[72] HENRY, CYRUS PERSHING, US
[71] OCTEL AMERICA, INC., US
[22] 2001-05-11
[43] 2001-11-12
[30] US (60/203,870) 2000-05-12
[30] GB (0021970.9) 2000-09-07

[21] **2,347,464**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR ELECTRONICALLY SELECTING, MODIFYING, AND OPERATING A MOTIVATION OR RECOGNITION PROGRAM**
[54] **METHODE ET SYSTEME POUR SELECTIONNER, MODIFIER ET UTILISER PAR VOIE ELECTRONIQUE UN PROGRAMME DE MOTIVATION OU DE RECONNAISSANCE**
[72] MUNSCH, FRANK, US
[72] BLUMENSTRAUCH, ETHAN, US
[72] COX, ELLEN, US
[72] HEI, JENNIE, US
[72] BARTON, PEGGY, US
[72] FITZPATRICK, BRIAN, US
[72] HANES, MARK, US
[72] SHEPROW, MADDY, US
[71] MARITZ INC., US
[22] 2001-05-14
[43] 2001-11-16
[30] US (60/204,461) 2000-05-16
[30] US (09/840,648) 2001-04-23

[21] **2,347,465**
[13] A1

[51] **Int.Cl. 7F25C 5/16 7B65G 53/24**
[25] EN
[54] **MULTIPOINT ICE DISPERSER WITH SELECTIVE ICE ROUTING FOR VACUUM ICE CONVEYANCE SYSTEM AND METHOD OF DISPERSING AND CONVEYING ICE THEREWITH**
[54] **DISTRIBUTEUR DE GLACE A PORTS D'ACHEMINEMENT MULTIPLES POUR SYSTEME DE TRANSPORT SOUS VIDE ET METHODE CORRESPONDANTE DE DISTRIBUTION ET DE TRANSPORT DE LA GLACE**
[72] MCCLURE, MARK ALLEN, US
[72] GOFF, DAVID WAYNE, US
[72] GLIMN, DANIEL ARTHUR, US
[72] BERGE, J. ERIC, US
[71] LANCER ICE LINK, LLC, US
[22] 2001-05-11
[43] 2001-11-12
[30] US (09/570,470) 2000-05-12

[21] **2,347,468**
[13] A1

[51] **Int.Cl. 7A61F 13/476**
[25] EN
[54] **ABSORBENT ARTICLE HAVING AN IMPROVED COVER LAYER**
[54] **ARTICLE ABSORBANT DOTE D'UNE COUCHE DE RECOUVREMENT AMELIOREE**
[72] BRISEBOIS, HENRI, CA
[71] JOHNSON & JOHNSON INC., CA
[22] 2001-05-11
[43] 2001-11-12
[30] US (09/569,685) 2000-05-12

[21] **2,347,477**
[13] A1

[51] **Int.Cl. 7B65H 5/08**
[25] EN
[54] **A DEVICE FOR CONTROLLING THE MEANS DELIVERING SHEETS TO A MACHINE**
[54] **DISPOSITIF DE COMMANDE DE PRESENTATION DE FEUILLES A UNE MACHINE**
[72] REBEAUD, JEAN-CLAUDE, CH
[71] BOBST S.A., CH
[22] 2001-05-15
[43] 2001-11-16
[30] CH (2000 0963/00) 2000-05-16

[21] **2,347,484**
[13] A1

[51] **Int.Cl. 7B65G 17/06**
[25] EN
[54] **FLEXIBLE CHAIN CONVEYOR**
[54] **CONVOYEUR SOUPLE A CHAINE**
[72] RETTORE, MICHELE, IT
[71] ALIT S.R.L., IT
[22] 2001-05-15
[43] 2001-11-16
[30] IT (PD2000A000127) 2000-05-16

[21] **2,347,485**
[13] A1

[51] **Int.Cl. 7C13F 1/00 7C13G 1/00 7A23L 1/09**
[25] FR
[54] **APPAREIL POUR LA CONCENTRATION DE LA SEVE D'ERABLE**
[54] **APPARATUS FOR CONCENTRATING MAPLE SAP**
[72] CHABOT, JEAN-MARIE, CA
[71] CHABOT, JEAN-MARIE, CA
[22] 2001-05-14
[43] 2001-11-15
[30] CA (2,308,966) 2000-05-15

[21] **2,347,492**
[13] A1

[51] **Int.Cl. 7B41C 1/055 7B41C 1/06**
[25] EN
[54] **ARRANGEMENT FOR PROVIDING AND FEEDING TRANSFER MATERIAL FOR A THERMOGRAPHIC PROCESS FOR PRODUCING PRINTING PLATES ON A PLATE CYLINDER**
[54] **DISPOSITIF D'APPROVISIONNEMENT EN MATERIAU DE TRANSFERT POUR UN PROCESSUS DE THERMOGRAPHIE PRODUISANT DES PLAQUES D'IMPRESSION SUR CYLINDRE PORTE-PLAQUE**
[72] GOTTLING, JOSEF, DE
[72] HARTMANN, THOMAS, DE
[72] WEISSGARBER, FRANZ, DE
[71] MAN ROLAND DRUCKMASCHINEN AG, DE
[22] 2001-05-14
[43] 2001-11-12
[30] DE (100 23 320.1) 2000-05-12

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[21] **2,347,504**
[13] A1

[51] **Int.Cl. 7H01R 4/70**
[25] EN
[54] **ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE**
[72] CAIROLI, JOSEPH, US
[72] HAWKINS, CARL, US
[72] MEDINA, LUIS MIGUEL, US
[71] NATIONAL STARCH AND
CHEMICAL INVESTMENT HOLDING
CORPORATION, US
[22] 2001-05-14
[43] 2001-11-15
[30] US (09/571,605) 2000-05-15

[21] **2,347,505**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **QUENCHING**
OLIGONUCLEOTIDES
[54] **OLIGONUCLEOTIDES**
PERMETTANT L'EXTINCTION DE LA
FLUORESCENCE
[72] HAUGLAND, RICHARD P., US
[72] SINGER, VICTORIA L., US
[71] MOLECULAR PROBES, INC., US
[22] 2001-05-14
[43] 2001-11-12
[30] US (09/570,343) 2000-05-12

[21] **2,347,508**
[13] A1

[51] **Int.Cl. 7G10K 11/16 7E04B 1/86**
[25] EN
[54] **IMPROVED ACOUSTICAL**
CEILING TILES
[54] **TUILES DE PLAFOND**
INSONORISANTES AMELIOREES
[72] TINIANOV, BRANDON DILLAN, US
[71] JOHNS MANVILLE
INTERNATIONAL, INC., US
[22] 2001-05-10
[43] 2001-11-12
[30] US (60/203,926) 2000-05-12
[30] US (09/845,791) 2001-04-30

[21] **2,347,510**
[13] A1

[51] **Int.Cl. 7E06B 9/40**
[25] EN
[54] **HORIZONTALLY UNFURLED**
SPRING ASSISTED FURLING SCREEN
FOR WALKWAYS
[54] **GRILLAGE A RESSORT ENROULE**
HORIZONTALEMENT POUR PASSAGE
[72] BRIOSCHI, ROBERTO, IT
[71] GIANUS S.P.A., IT
[22] 2001-05-14
[43] 2001-11-15
[30] EP (00830351.3) 2000-05-15

[21] **2,347,516**
[13] A1

[51] **Int.Cl. 7E01C 19/12**
[25] EN
[54] **ZERO CLEARANCE VARIABLE**
WIDTH PAVING MACHINE
[54] **FINISSEUSE DE LARGEUR**
VARIABLE NON SOUMISE AUX
NORMES DE DEGAGEMENT
[72] LEONE, JOHN, US
[72] FEDEROWICZ, STEVEN D., US
[71] LEONE CONSTRUCTION INC., US
[22] 2001-05-10
[43] 2001-11-11
[30] US (60/203,693) 2000-05-11

[21] **2,347,527**
[13] A1

[51] **Int.Cl. 7F16H 48/26**
[25] EN
[54] **LIMITED SLIP DIFFERENTIAL**
HAVING MAGNETORHEOLOGICAL
FLUID BRAKE
[54] **DIFFERENTIEL A GLISSEMENT**
LIMITE DOTE DE FREINS EN
CONTACT AVEC DU FLUIDE
MAGNETORHEOLOGIQUE
[72] LEEPER, ROBERT, US
[71] AUBURN GEAR, INC., US
[22] 2001-05-10
[43] 2001-11-12
[30] US (60/203,871) 2000-05-12

[21] **2,347,530**
[13] A1

[51] **Int.Cl. 7A61B 5/021**
[25] EN
[54] **SYSTEM AND METHOD FOR THE**
AUTOMATIC EVALUATION OF THE
INDEXES OF VOLEMIC STATUS
[54] **SYSTEME ET METHODE POUR**
EVALUER DE FACON AUTOMATIQUE
LES INDICES DE L'ETAT VOLEMIQUE
[72] SONCINI, MONICA, IT
[72] REDAELLI, ALBERTO, IT
[72] SUSINI, GIUSEPPE, IT
[71] POLITECNICO DI MILANO, IT
[22] 2001-05-14
[43] 2001-11-16
[30] IT (MI20000A 001070) 2000-05-16

[21] **2,347,534**
[13] A1

[51] **Int.Cl. 7H04N 13/00 7G06F 3/14**
[25] EN
[54] **METHOD AND APPARATUS FOR**
DISPLAYING FLICKER FREE
STEREOSCOPIC IMAGES ON A
DISPLAY DEVICE
[54] **METHODE ET APPAREIL POUR**
L'AFFICHAGE D'IMAGES
STEREOSCOPIQUES SANS
SCINTILLEMENT SUR UN DISPOSITIF
D'AFFICHAGE
[72] TETTERINGTON, KENNETH, CA
[72] LIU, NAN, CA
[71] TETRATEL SYSTEMS LIMITED, CA
[22] 2001-05-15
[43] 2001-11-15
[30] US (60/204,124) 2000-05-15

[21] **2,347,543**
[13] A1

[51] **Int.Cl. 7H01M 2/14 7H01M 8/02**
[25] EN
[54] **METHOD OF PRODUCING FUEL**
CELL SEPARATOR, FUEL CELL
SEPARATOR, AND POLYMER
ELCTROLYTE FUEL CELL
[54] **METHODE DE PRODUCTION**
D'UN SEPARATEUR DE PILE A
COMBUSTIBLE, SEPARATEUR DE
PILE A COMBUSTIBLE ET PILE A
COMBUSTIBLE A ELECTROLYTE
POLYMERIQUE
[72] HORIUCHI, AYUMI, JP
[72] HAGIWARA, ATSUSHI, JP
[72] OKAMOTO, TOSHIHARU, JP
[72] SAITO, KAZUO, JP
[71] NISSHINBO INDUSTRIES, INC., JP
[22] 2001-05-15
[43] 2001-11-15
[30] JP (2000-141557) 2000-05-15

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[21] **2,347,545**
[13] A1

[51] **Int.Cl. 7G06F 1/26 7G06F 1/32**
[25] EN
[54] **STYLUS OPERATED SWITCH SYSTEM FOR A PORTABLE DATA PROCESSING DEVICE**
[54] **SYSTEME DE COMMANDE MARCHE-ARRET AU MOYEN DE LA MANOEUVRE D'UN STYLET POUR DISPOSITIF DE TRAITEMENT DE DONNEES PORTATIF**
[72] SIU, WAI HO, CA
[71] SIU, WAI HO, CA
[22] 2001-05-15
[43] 2001-11-17
[30] US (60/204,749) 2000-05-17

[21] **2,347,548**
[13] A1

[51] **Int.Cl. 7H04B 7/155 7H04B 7/185**
[25] EN
[54] **DUAL RECEIVE GROUND TERMINAL FOR USE IN COMMUNICATION SYSTEMS UTILIZING MULTIPLE SATELLITES**
[54] **STATION DE TERRE A DOUBLE RECEPTION POUR UTILISATION DANS DES SYSTEMES DE COMMUNICATION A PLUSIEURS SATELLITES**
[72] NIVENS, DENNIS A., US
[72] JUE, REGINALD, US
[72] BERGER, HARVEY L., US
[71] TRW INC., US
[22] 2001-05-15
[43] 2001-11-17
[30] US (09/572,162) 2000-05-17

[21] **2,347,551**
[13] A1

[51] **Int.Cl. 7H01S 5/06**
[25] EN
[54] **SEMICONDUCTOR LASER APPARATUS**
[54] **APPAREIL A LASER A SEMICONDUCTEUR**
[72] SUGATA, SUMIO, JP
[72] NASU, HIDEYUKI, JP
[71] FURUKAWA ELECTRIC CO., LTD., JP
[22] 2001-05-15
[43] 2001-11-16
[30] JP (2000-144063) 2000-05-16

[21] **2,347,560**
[13] A1

[51] **Int.Cl. 7A61K 7/13**
[25] FR
[54] **COMPOSITION OXYDANTE ET UTILISATIONS POUR LA TEINTURE, POUR LA DEFORMATION PERMANENTE OU POUR LA DECOLORATION DES FIBRES KERATINIQUES**
[54] **OXIDIZING COMPOSITION AND USES FOR DYEING, PERMANENTLY BENDING OR BLEACHING KERATIN FIBERS**
[72] PLOS, GREGORY, FR
[72] KRAVTCHENKO, SYLVAIN, FR
[71] L'OREAL, FR
[22] 2001-05-14
[43] 2001-11-15
[30] FR (00 06 153) 2000-05-15

[21] **2,347,563**
[13] A1

[51] **Int.Cl. 7A01D 57/00**
[25] EN
[54] **WINDROW GROUPER WITH PIVOTABLE PLATFORM**
[54] **GROUPEUR D'ANDAINS AVEC PLATE-FORME PIVOTANTE**
[72] FRANET, ROGER, FR
[72] DEMESMAY, DAVID, FR
[72] FAIVRE, DAMIEN, FR
[71] DEERE & COMPANY, US
[22] 2001-05-14
[43] 2001-11-16
[30] DE (100 24 040.2) 2000-05-16

[21] **2,347,565**
[13] A1

[51] **Int.Cl. 7A01F 15/10 7A01F 15/07**
[25] EN
[54] **ADJUSTABLE HARVEST MATERIAL TRANSPORT ASSEMBLY FOR MOVING THE MATERIAL FROM A PICK-UP TO A PROCESSOR INLET**
[54] **ENSEMBLE REGLABLE DE TRANSPORT DE LA RECOLTE D'UNE CAMIONNETTE A L'ENTREE D'UN TRANSFORMATEUR AGRICOLE**
[72] VIAUD, JEAN, FR
[72] LUCAND, PHILIPPE, FR
[72] JOSSET, ETIENNE, FR
[71] DEERE & COMPANY, US
[22] 2001-05-14
[43] 2001-11-12
[30] DE (100 23 443.7) 2000-05-12

[21] **2,347,566**
[13] A1

[51] **Int.Cl. 7A61K 31/717 7A61P 31/04 7A61K 38/39**
[25] EN
[54] **SOLID COMPOSITIONS EXHIBITING SELECTIVE BINDING TO DISSOLVED IRON**
[54] **COMPOSITIONS SOLIDES POSSEDANT DES PROPRIETES DE LIAISON SELECTIVE AVEC LE FER DISSOUS**
[72] MOORE, JONATHAN, GB
[72] BOGAN, DECLAN, IE
[72] SCHMIDT, RICHARD, GB
[71] JOHNSON & JOHNSON MEDICAL, LIMITED, GB
[22] 2001-05-10
[43] 2001-11-12
[30] US (09/569,555) 2000-05-12

[21] **2,347,567**
[13] A1

[51] **Int.Cl. 7G01B 7/06**
[25] EN
[54] **NON-DESTRUCTIVE MEASUREMENT OF PIPE WALL THICKNESS**
[54] **METHODE NON DESTRUCTRICE DE MESURE DE L'EPAISSEUR D'UNE PAROI DE TUYAU**
[72] HUNAJDI, OSAMA, CA
[71] NATIONAL RESEARCH COUNCIL CANADA, CA
[22] 2001-05-14
[43] 2001-11-15
[30] US (09/570,922) 2000-05-15

[21] **2,347,568**
[13] A1

[51] **Int.Cl. 7H05K 1/14 7H05K 3/00**
[25] EN
[54] **CIRCUIT BOARD AND METHOD OF MANUFACTURING A CIRCUIT BOARD**
[54] **CARTE DE CIRCUIT ET METHODE DE FABRICATION**
[72] KRAGL, HANS, DE
[72] HOHMANN, ROLF, DE
[71] HARTING ELEKTRO-OPTISCHE BAUTEILE GMBH & CO. KG, DE
[22] 2001-05-14
[43] 2001-11-15
[30] DE (100 23 736.3) 2000-05-15

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[21] **2,347,571**
[13] A1

[51] **Int.Cl. 7A61B 17/04**
[25] EN
[54] **MOLDABLE CRIMPABLE SUTURE THREAD AND METHOD FOR MAKING SAME**
[54] **FIL DE SUTURE MOULABLE ET SERTISSAGE, ET METHODE DE FABRICATION**
[72] PAGEDAS, ANTHONY C., US
[71] ANCEL SURGICAL R&D, INC., US
[22] 2001-05-15
[43] 2001-11-15
[30] US (09/570,755) 2000-05-15

[21] **2,347,574**
[13] A1

[51] **Int.Cl. 7H04L 1/22 7H04L 12/02**
[25] EN
[54] **REARRANGEMENT OF DATA STREAMS**
[54] **RESTRUCTURATION DE FLUX DE DONNEES**
[72] KASPIT, IDAN, IL
[72] SHAKED, EYAL, IL
[72] YEHUDA, EITAN, IL
[71] LIGHTSCAPE NETWORKS LTD., IL
[22] 2001-05-15
[43] 2001-11-16
[30] IL (136176) 2000-05-16

[21] **2,347,577**
[13] A1

[51] **Int.Cl. 7H04B 10/08 7H04B 10/06**
[25] EN
[54] **OPTICAL TRANSPONDER AND AUTOMATIC OPTICAL SIGNAL TYPE IDENTIFICATION METHOD FOR USE THEREWITH**
[54] **TRANSPONDEUR OPTIQUE ET METHODE D'IDENTIFICATION AUTOMATIQUE DU TYPE A SIGNAL OPTIQUE POUR UTILISATION AVEC CE TRANSPONDEUR**
[72] MARMUR, OREN, IL
[71] LIGHTSCAPE NETWORKS LTD., IL
[22] 2001-05-15
[43] 2001-11-16
[30] IL (136177) 2000-05-16

[21] **2,347,578**
[13] A1

[51] **Int.Cl. 7A41G 1/00**
[25] EN
[54] **SIMULATED TREES AND ARMATURES AND KITS THEREFOR**
[54] **ARBRES ET ARMATURES SIMULES, ET NECESSAIRES CONNEXES**
[72] HERNICK, STANLEY, CA
[71] HERNICK, STANLEY, CA
[22] 2001-05-16
[43] 2001-11-16
[30] US (09/571,281) 2000-05-16

[21] **2,347,582**
[13] A1

[51] **Int.Cl. 7B63B 9/00**
[25] EN
[54] **DISTRIBUTED MACHINERY STRUCTURE FOR SHIPS**
[54] **AGENCEMENT DE MACHINERIE REPARTIE A DIVERS ENDROITS DANS UN NAVIRE**
[72] HOYLE, SCOTT BAXTER, US
[72] MCSWEENEY, MICHAEL ANTHONY, US
[71] LOCKHEED MARTIN CORPORATION, US
[22] 2001-05-15
[43] 2001-11-16
[30] US (09/571,346) 2000-05-16

[21] **2,347,586**
[13] A1

[51] **Int.Cl. 7C12N 5/08 7C12N 5/06**
[25] EN
[54] **METHODS OF ISOLATING TROPHOBLAST CELLS FROM MATERNAL BLOOD**
[54] **METHODES POUR ISOLER DES CELLULES DU TROPHOBLASTE DANS LE SANG MATERNEL**
[72] SCHUELER, PAULA, CH
[72] MAHONEY, WALTER, CH
[72] YAMANISHI, DOUGLAS, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2001-05-10
[43] 2001-11-12
[30] US (09/569,475) 2000-05-12

[21] **2,347,589**
[13] A1

[51] **Int.Cl. 7H01R 12/14**
[25] EN
[54] **PRINTED CIRCUIT BOARD CONNECTOR**
[54] **CONNECTEUR DE CARTES DE CIRCUITS IMPRIMES**
[72] SHIRAKI, KAZUYUKI, JP
[72] HATTORI, TETSUYA, JP
[72] ITO, KEIICHI, JP
[72] KATO, YOSHIAKI, JP
[72] WAKUI, MASANORI, JP
[71] KABUSHIKI KAISHA TOKAI RIKAI DENKI SEISAKUSHO, JP
[22] 2001-05-15
[43] 2001-11-16
[30] JP (2000-143305) 2000-05-16

[21] **2,347,593**
[13] A1

[51] **Int.Cl. 7E04B 5/48**
[25] EN
[54] **ACCESS FLOOR SYSTEM**
[54] **SYSTEME DE FAUX PLANCHER**
[72] SCISSOM, JAMES D., US
[72] ZEIF, ALEX, US
[72] MEAD, BRUCE E., US
[71] MAXCESS TECHNOLOGIES, INC., US
[22] 2001-05-15
[43] 2001-11-15
[30] US (60/204,034) 2000-05-15

[21] **2,347,595**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **A HELICAL STENT HAVING FLAT ENDS**
[54] **ENDOPROTHESE HELICOIDALE A BOUTS PLATS**
[72] HOJEIBANE, HIKMAT, US
[71] CORDIS CORPORATION, US
[22] 2001-05-15
[43] 2001-11-16
[30] US (09/571,230) 2000-05-16

Demandes canadiennes mises à la disponibilité du public
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<p style="text-align: right;">[21] 2,347,600 [13] A1</p> <p>[51] Int.Cl. 7B26D 5/00 [25] EN [54] A DEVICE FOR CONTROLLING A MACHINE FOR CUTTING BLANKS FROM A SHEET MATERIAL [54] DISPOSITIF DE COMMANDE DE MACHINE POUR DECOUPER DES EBAUCHES DANS UN MATERIAU EN FEUILLE [72] NICOLE, MARC, CH [71] BOBST S.A., CH [22] 2001-05-15 [43] 2001-11-16 [30] CH (2000 0962/00) 2000-05-16</p>	<p style="text-align: right;">[21] 2,347,607 [13] A1</p> <p>[51] Int.Cl. 7A45F 5/00 7A45F 5/14 [25] EN [54] AMBIDEXTROUS DRILL HOLSTER [54] ETUI AMBIDEXTRE POUR PERCEUSE [72] SNIDER, GREGORY SCOTT, US [72] PANGERC, JAMES, US [72] HOLLAND, MATTHEW J., US [71] BLACK & DECKER INC., US [22] 2001-05-15 [43] 2001-11-16 [30] US (06/204,463) 2000-05-16 [30] US (09/850,404) 2001-05-08</p>	<p style="text-align: right;">[21] 2,347,612 [13] A1</p> <p>[51] Int.Cl. 7F02N 17/04 [25] EN [54] ENGINE BLOCK HEATER WITH RETAINING MEMBER [54] CHAUFFE-BLOC A ELEMENT DE RETENUE [72] BALLEM, STEVEN W., CA [72] MCNAUGHT, DANIEL P., CA [71] NOMA COMPANY, CA [22] 2001-05-16 [43] 2001-11-17 [30] US (60/204,977) 2000-05-17</p>
<p style="text-align: right;">[21] 2,347,603 [13] A1</p> <p>[51] Int.Cl. 7H01J 1/60 [25] EN [54] INCANDESCENT LAMP [54] LAMPE A INCANDESCENCE [72] SCHAEFER, REINHARD, DE [72] RUEMMELIN, JUERGEN, DE [71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE [22] 2001-05-15 [43] 2001-11-17 [30] DE (100 23 936.6) 2000-05-17</p>	<p style="text-align: right;">[21] 2,347,609 [13] A1</p> <p>[51] Int.Cl. 7B26D 7/32 7B30B 15/00 7B26F 1/40 [25] EN [54] DELIVERY STATION FOR A CONVERTING PRESS [54] POSTE DE RECEPTION POUR PRESSE DE TRANSFORMATION [72] REBEAUD, JEAN-CLAUDE, CH [71] BOBST S.A., CH [22] 2001-05-15 [43] 2001-11-16 [30] CH (2000 0961/00) 2000-05-16</p>	<p style="text-align: right;">[21] 2,347,630 [13] A1</p> <p>[51] Int.Cl. 7H01M 10/44 [25] EN [54] CHARGING METHOD FOR CHARGING NONAQUEOUS ELECTROLYTE SECONDARY BATTERY [54] METHODE DE CHARGE D'ACCUMULATEUR A ELECTROLYTE NON AQUEUX [72] SHIBUYA, MASHIO, JP [72] HARA, TOMITARO, JP [72] SUZUKI, YUSUKE, JP [72] KITA, AKINORI, JP [71] SONY CORPORATION, JP [22] 2001-05-15 [43] 2001-11-16 [30] JP (P2000-144042) 2000-05-16</p>
<p style="text-align: right;">[21] 2,347,605 [13] A1</p> <p>[51] Int.Cl. 7F02N 17/06 [25] EN [54] CORE PLUG BLOCK HEATER AND METHOD [54] CHAUFFE-BLOC A BOUGIE INTEGREE AU CORPS, ET METHODE [72] BALLEM, STEVEN W., CA [71] NOMA COMPANY, CA [22] 2001-05-16 [43] 2001-11-17 [30] US (60/204,977) 2000-05-17</p>	<p style="text-align: right;">[21] 2,347,611 [13] A1</p> <p>[51] Int.Cl. 7D21F 5/18 [25] EN [54] DRYING SECTION [54] SECTION DE SECHAGE [72] KAHL, PETER, DE [72] OECHSLE, MARKUS, DE [72] PROCTOR, ROBERT, GB [72] BOWDEN, EDWIN, GB [72] MAYER, ROLAND, DE [71] VOITH PAPER PATENT GMBH, DE [22] 2001-05-16 [43] 2001-11-17 [30] DE (100 24 358.4) 2000-05-17</p>	<p style="text-align: right;">[21] 2,347,658 [13] A1</p> <p>[51] Int.Cl. 7G02B 6/125 7G02B 27/10 [25] EN [54] OPTICAL WAVEGUIDE Y JUNCTION [54] JONCTION EN Y DE GUIDE D'ONDES OPTIQUES [72] MASUDA, MICHIIYA, JP [72] TAKAHASHI, FUMIO, JP [71] MASUDA, MICHIIYA, JP [71] TAKAHASHI, FUMIO, JP [22] 2001-05-15 [43] 2001-11-17 [30] JP (2000-144402) 2000-05-17</p>

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[21] **2,347,933**
[13] A1

[51] **Int.Cl. 7E21B 47/14**
[25] EN
[54] **APPARATUS AND METHODS FOR ACOUSTIC SIGNALING IN SUBTERRANEAN WELLS**
[54] **APPAREIL ET METHODES DE TRANSMISSION DE SIGNAUX ACOUSTIQUES DANS LES PUITTS SOUTERRAINS**
[72] SKINNER, NEAL G., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2001-05-16
[43] 2001-11-17
[30] US (09/572,768) 2000-05-17

[21] **2,347,945**
[13] A1

[51] **Int.Cl. 7G03F 7/11**
[25] EN
[54] **MULTILAYERED PHOTOSENSITIVE MATERIAL FOR FLEXOGRAPHIC PRINTING PLATE**
[54] **MATERIAU PHOTOSENSIBLE MULTICOUCHE POUR CLICHE FLEXOGRAPHIQUE**
[72] TAKAGI, TOSHIYA, JP
[72] FUJIMOTO, TAKASHI, JP
[72] OHTA, KATSUYUKI, JP
[72] SEKI, NORIO, JP
[71] TOKYO OHKA KOGYO CO., LTD., JP
[22] 2001-05-16
[43] 2001-11-17
[30] JP (2000-145273) 2000-05-17

[21] **2,348,041**
[13] A1

[51] **Int.Cl. 7B42F 15/00**
[25] EN
[54] **HANGING FILE SYSTEM**
[54] **CLASSEUR A DOSSIERS SUSPENDUS**
[72] YUEN, MAN SUM, US
[71] YUEN, MAN SUM, US
[22] 2001-05-15
[43] 2001-11-15
[30] CN (00238049.8) 2000-08-25
[30] CN (00228180.5) 2000-05-15
[30] CN (00228179.1) 2000-05-15
[30] CN (00228743.9) 2000-07-03
[30] CN (00228742.0) 2000-07-03

[21] **2,347,934**
[13] A1

[51] **Int.Cl. 7A61G 7/053**
[25] EN
[54] **PORTABLE DEVICE FOR PATIENT PULLUP, ROLLOVER AND TRANSFER AND METHODS THEREOF**
[54] **DISPOSITIF PORTATIF ET METHODES POUR HISSER, TOURNER ET TRANSFERER UN PATIENT**
[72] VOTEL, THOMAS W., US
[71] ERGODYNE CORPORATION, US
[22] 2001-05-16
[43] 2001-11-16
[30] US (60/204,613) 2000-05-16
[30] US (09/825,768) 2001-04-04

[21] **2,347,963**
[13] A1

[51] **Int.Cl. 7B31F 1/07**
[25] EN
[54] **EMBOSSING ROLLERS**
[54] **ROULEAUX A REPOUSSAGE**
[72] PICKFORD, JAMES A., GB
[71] STANDEX INTERNATIONAL LIMITED, GB
[22] 2001-05-17
[43] 2001-11-17
[30] GB (0011849.7) 2000-05-17

[21] **2,348,044**
[13] A1

[51] **Int.Cl. 7A62C 37/08**
[25] EN
[54] **COMPACT PENDANT SPRINKLER HEAD**
[54] **TETE D'EXTINCTEUR AUTOMATIQUE SUSPENDUE ET COMPACTE**
[72] FRANSON, SCOTT T, US
[72] WINEBRENNER, THOMAS EDGAR, US
[72] VOS, KENNETH, GORDON, US
[72] THOMPSON, ANDREW TAYLOR, US
[71] THE VIKING CORPORATION, US
[22] 2001-05-17
[43] 2001-11-17
[30] US (60/204858) 2000-05-17

[21] **2,347,935**
[13] A1

[51] **Int.Cl. 7B27N 3/18**
[25] EN
[54] **METHOD AND SYSTEM FOR RECOVERING VOC EMISSIONS**
[54] **METHODE ET SYSTEME POUR LA RECUPERATION D'EMISSIONS DE COV**
[72] HSU, WU-HSIUNG ERNEST, US
[72] EVENSEN, JAMES A., US
[71] LOUISIANA-PACIFIC CORPORATION, US
[22] 2001-05-16
[43] 2001-11-16
[30] US (60/204,469) 2000-05-16

[21] **2,347,972**
[13] A1

[51] **Int.Cl. 7B41F 27/10 7B41F 27/14**
[25] EN
[54] **VARIABLE-FORMAT WEB-FED OFFSET PRINTING MACHINE AND METHOD OF PRODUCING VARIABLE-FORMAT SURFACES**
[54] **ROTATIVE OFFSET A BOBINES DE DIMENSIONS VARIABLES, ET METHODE DE PRODUCTION DE SURFACES VARIABLES**
[72] DILLING, PEER, DE
[72] DAUER, HORST, DE
[72] WEINBERGER, MARTIN, DE
[71] MAN ROLAND DRUCKMASCHINEN AG, DE
[22] 2001-05-17
[43] 2001-11-17
[30] DE (100 24 001.1) 2000-05-17

[21] **2,348,045**
[13] A1

[51] **Int.Cl. 7E04H 15/48**
[25] EN
[54] **PORTABLE SHELTER**
[54] **ABRI PORTATIF**
[72] MEAD, RUSSELL C., JR., US
[72] ANDERSON, PERRY, US
[72] SMITH, RON, US
[72] JONES, WILLIAM RICHARDSON III, US
[72] YOUNG, PETE, US
[71] THE COLEMAN COMPANY, INC., US
[22] 2001-05-15
[43] 2001-11-16
[30] US (09/571,830) 2000-05-16

Demandes canadiennes mises à la disponibilité du public
11 novembre 2001 - 17 novembre 2001

[21] **2,348,088**
[13] A1

[51] **Int.Cl. 7F16K 51/00**
[25] EN
[54] **CONTROLLABLE VALVE PARTICULARLY FOR DELIVERING A PULSED FLOW OF FLUID**
[54] **VANNE VARIOMETRIQUE, EN PARTICULIER POUR PRODUIRE UN FLUIDE PULSE**
[72] BOUTET, CHRISTIAN, FR
[72] GRESSER, DOMINIQUE, FR
[72] LEMOINE, OLIVIER, FR
[72] JARRY, LUC, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES
GEORGES CLAUDE, FR
[22] 2001-05-15
[43] 2001-11-17
[30] FR (00 06311) 2000-05-17

[21] **2,348,095**
[13] A1

[51] **Int.Cl. 7F21V 37/00**
[25] EN
[54] **LANTERN WITH MUFFLER**
[54] **LANTERNE AVEC SILENCIEUX**
[72] DEN HOED, ANGELA, US
[72] LONG, RICHARD, US
[71] THE COLEMAN COMPANY, INC., US
[22] 2001-05-15
[43] 2001-11-15
[30] US (09/570,726) 2000-05-15

[21] **2,348,107**
[13] A1

[51] **Int.Cl. 7H01L 49/00 7B81B 3/00 7H01G 7/00 7H01L 47/00**
[25] FR
[54] **MICROCOMPOSANT ELECTRONIQUE DU TYPE CAPACITE VARIABLE OU MICROSWITCH, OU PROCEDE DE FABRICATION D'UN TEL COMPOSANT**
[54] **VARIABLE CAPACITY ELECTRONIC MICROCOMPONENT OR MICROSWITCH OR PROCESS FOR FABRICATING SUCH A COMPONENT**
[72] VALENTIN, FRANCOIS, FR
[72] BOUCHON, ERIC, FR
[72] CHARRIER, CATHERINE, FR
[72] CAMPO, ALAIN, FR
[72] BASTERES, LAURENT, FR
[72] IMBERT, GUY, FR
[71] MEMSCAP, FR
[71] PLANHEAD-SILMAG PHS, FR
[22] 2001-05-15
[43] 2001-11-15
[30] FR (00.06142) 2000-05-15

[21] **2,348,126**
[13] A1

[51] **Int.Cl. 7B01D 53/047**
[25] EN
[54] **THE REMOVAL OF CHEMICAL AND BIOLOGICAL AGENTS FROM AIR**
[54] **ELIMINATION D'AGENTS CHIMIQUES ET BIOLOGIQUES PRESENTS DANS L'AIR**
[72] CASSIDY, RONALD FREDERICK, GB
[71] PALL CORPORATION, US
[22] 2001-05-16
[43] 2001-11-17
[30] GB (0011957.8) 2000-05-17

[21] **2,348,137**
[13] A1

[51] **Int.Cl. 7H04L 1/08 7H04Q 7/36**
[25] EN
[54] **HYBRID ARQ METHOD FOR PACKET DATA TRANSMISSION**
[54] **METHODE ARQ HYBRIDE POUR LA TRANSMISSION DE DONNEES PAR PAQUETS**
[72] WIEBKE, THOMAS, DE
[72] SEIDEL, EIKO, DE
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 2001-05-17
[43] 2001-11-17
[30] EP (00110551.9) 2000-05-17

[21] **2,349,360**
[13] A1

[51] **Int.Cl. 7B01D 35/06 7B03C 1/03**
[25] EN
[54] **MAGNETIC SEPARATOR AND PROCESS FOR REMOVING FERROMAGNETIC PARTICLES FROM A LIQUID**
[54] **SEPARATEUR MAGNETIQUE ET METHODE D'ELIMINATION DE PARTICULES FERROMAGNETIQUES PRESENTES DANS UN LIQUIDE**
[72] BRATTEN, JACK R., US
[71] BRATTEN, JACK R., US
[22] 2001-05-11
[43] 2001-11-12
[30] US (60/203,728) 2000-05-12

[21] **2,353,232**
[13] A1

[51] **Int.Cl. 7B60J 11/00**
[25] EN
[54] **VENTED COVER FOR OBJECTS BEING TRANSPORTED IN AN AIRSTREAM**
[54] **COUVERCLE AERE POUR OBJETS TRANSPORTES DANS UN ECOULEMENT D'AIR**
[72] FRECHETTE, JOSEE, CA
[72] STEWART, JEF, CA
[71] INNOTEX INC., CA
[22] 2001-07-18
[43] 2001-11-13
[30] CA (2,317,218) 2000-09-01

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November 11, 2001 - November 17, 2001**

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[21] **2,350,529**
[13] A1
[51] **Int.Cl. 7C01B 3/04**
[25] EN
[54] **HYDROGEN GAS PRODUCING METHOD**
[54] **METHODE DE PRODUCTION D'HYDROGENE GAZEUX**
[72] SUGIE, YOSHIRO, JP
[72] KIMURA, KENZO, JP
[71] SUGIE, YOSHIRO, JP
[71] KIMURA, KENZO, JP
[85] 2001-05-10
[86] 2000-05-15 (PCT/JP00/03100)
[87] 2001-11-15 ()

[21] **2,352,180**
[13] A1
[51] **Int.Cl. 7E02D 29/09**
[25] EN
[54] **ARTIFICIAL ISLAND, ARTIFICIAL ISLAND SUPPORT AND METHOD FOR BUILDING AN ARTIFICIAL ISLAND**
[54] **ILE ARTIFICIELLE, SUPPORT D'ILE ARTIFICIELLE ET PROCEDE POUR CONSTRUIRE UNE ILE ARTIFICIELLE**
[72] BOLDYREV, VLADIMIR SANDZHIEVICH, RU
[71] BOLDYREV, VLADIMIR SANDZHIEVICH, RU
[85] 2001-05-14
[86] 2000-08-16 (PCT/RU00/00333)
[87] 2001-11-15 ()
[30] RU (2000111846(RU)) 2000-05-15

[21] **2,354,184**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C12N 15/10 7C12P 19/34 7C12M 1/36**
[25] EN
[54] **MULTIPLEX REAL-TIME PCR**
[54] **PCR MULTIPLEX EN TEMPS REEL**
[72] KLEIN, DIETER, AT
[72] SALMONS, BRIAN, DE
[72] GUNZBURG, WALTER, AT
[71] BAVARIAN NORDIC RESEARCH INSTITUTE A/S, DK
[85] 2001-05-31
[86] 2000-01-28 (PCT/EP00/00677)
[87] 2000-08-03 (WO00/44935)
[30] DK (PA 1999 00114) 1999-01-29

[21] **2,355,160**
[13] A1
[51] **Int.Cl. 7C11D 3/37 7C11D 1/66**
[25] EN
[54] **PROCESS FOR PREPARING POURABLE, TRANSPARENT/ TRANSLUCENT LIQUID DETERGENT WITH NON-CONTINUOUS SUSPENDING SYSTEM**
[54] **PROCEDE DE PREPARATION D'UN DETERGENT LIQUIDE COULANT TRANSPARENT/ TRANSLUCIDE A SYSTEME DE SUSPENSION NON CONTINU**
[72] KUZMENKA, DANIEL JOSEPH, US
[72] HSU, FENG-LUNG GORDON, US
[72] MURPHY, DENNIS STEPHEN, US
[72] NEUSER, KRISTINA MARIE, US
[72] BAE-LEE, MYONGSUK, US
[72] COCCARO, DEBORAH M., US
[72] GARUFI, KIM, US
[71] UNILEVER PLC, GB
[85] 2001-06-13
[86] 1999-11-12 (PCT/EP99/09033)
[87] 2000-06-22 (WO00/36060)
[30] US (09/213,047) 1998-12-16

[21] **2,355,675**
[13] A1
[51] **Int.Cl. 7A61L 27/36 7A61M 31/00 7A61K 35/12**
[25] EN
[54] **PROCESS AND DEVICE FOR FACILITATING THE IMPLANTATION OF BIOLOGICAL MATERIAL**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE FAVORISER L'IMPLANT D'UN MATERIEL BIOLOGIQUE**
[72] VALDES GONZALEZ, RAFAEL, MX
[71] UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MX
[85] 2001-06-14
[86] 1999-12-14 (PCT/MX99/00039)
[87] 2000-06-22 (WO00/35371)
[30] MX (9810667) 1998-12-15

[21] **2,355,770**
[13] A1
[51] **Int.Cl. 7B60C 15/024 7B29D 30/08 7B29C 33/42**
[25] EN
[54] **TIRE WITH ROUNDED BEAD TOE AND A MOLD FOR FORMING THE TIRE**
[54] **PNEU A POINTE DE BOURRELET ARRONDIE ET MOULE POUR FORMER LE PNEU**
[72] GALLEGO, JUAN-PABLO, US
[72] BUMPAS, KENNETH KNOX JR., US
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2001-06-14
[86] 1999-10-18 (PCT/US99/24447)
[87] 2001-04-18 ()

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[21] **2,356,199**
[13] A1
[51] **Int.Cl. 7A61M 5/32 7A61M 5/50**
[25] EN
[54] **RETRACTABLE HYPODERMIC NEEDLE ASSEMBLY AND METHOD OF MAKING THE SAME**
[54] **ENSEMBLE A AIGUILLE HYPODERMIQUE RETRACTABLE ET SON PROCEDE DE FABRICATION**
[72] MOHAMMAD, OWAIS, US
[71] MOHAMMAD, OWAIS, US
[85] 2001-06-21
[86] 1999-12-13 (PCT/US99/27930)
[87] 2000-06-29 (WO00/37125)
[30] US (09/218,040) 1998-12-22
[30] US (09/316,047) 1999-05-21

[21] **2,356,753**
[13] A1
[51] **Int.Cl. 7F16K 31/02**
[25] EN
[54] **WIRELESS, INTRINSICALLY SAFE VALVE**
[54] **SOUPAPE DE SURETE INTRISEQUE, SANS FIL**
[72] SCHNELL, RICHARD E., US
[71] ROSS CONTROLS, US
[85] 2001-06-26
[86] 2000-03-21 (PCT/US01/08869)
[87] 2001-09-21 ()
[30] US (60/191,066) 2000-03-21

[21] **2,356,963**
[13] A1
[51] **Int.Cl. 7G01N 33/574 7A61M 39/00 7A61M 1/06 7G01N 33/483 7G01N 33/53**
[25] EN
[54] **DEVICES, METHODS AND SYSTEMS FOR COLLECTING MATERIAL FROM A BREAST DUCT**
[54] **DISPOSITIFS, METHODES ET SYSTEMES DE PRELEVEMENT DE MATIERE DANS UN CANAL GALACTOPHORE**
[72] O'LEARY, SHAWN, US
[72] HUNG, DAVID, US
[72] SAYAVONG, PAM, US
[72] NIKOLCHEV, JULIAN, US
[72] OLSEN, PHILIP M., US
[72] KEN, CHRISTOPHER G. M., US
[72] HE, XUANMIN, US
[71] PRO DUCT HEALTH, INC., US
[85] 2001-06-27
[86] 1999-12-27 (PCT/US99/31086)
[87] 2000-07-06 (WO00/39557)
[30] US (60/114,048) 1998-12-28
[30] US (60/134,613) 1999-05-18
[30] US (60/143,476) 1999-07-12
[30] US (60/143,359) 1999-07-12
[30] US (60/170,997) 1999-12-14

[21] **2,357,004**
[13] A1
[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7A61K 39/00 7C12N 5/04 7A01H 5/10 7C12N 1/21 7C12N 15/29**
[25] EN
[54] **EXPRESSION OF IMMUNOGENIC HEPATITIS B SURFACE ANTIGENS IN TRANSGENIC PLANTS**
[54] **EXPRESSION DES ANTIGENES DE SURFACE DE L'HEPATITE B IMMUNOGENES DANS LES PLANTES TRANSGENIQUES**
[72] MASON, HUGH S., US
[72] RICHTER, ELIZABETH, US
[72] ARNTZEN, CHARLES JOEL, US
[72] THANAVALA, YASMIN, US
[71] BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, US
[71] HEALTH RESEARCH INSTITUTE, US
[85] 2001-06-21
[86] 1999-12-23 (PCT/US99/31020)
[87] 2000-06-29 (WO00/37610)
[30] US (60/113,827) 1998-12-23

[21] **2,358,492**
[13] A1
[51] **Int.Cl. 7A61K 31/695 7A61P 31/00 7A61K 9/02 7A61K 45/06 7A61K 9/12 7A61K 9/20 7A61K 31/395 7A61K 31/403 7A61K 31/404 7A61K 31/41 7A61K 31/435 7A61K 9/48 7A61K 31/5377 7A61K 31/655 7A61K 31/66**
[25] EN
[54] **COMBINATION THERAPY FOR THE TREATMENT OF SEPSIS**
[54] **POLYTHERAPIE DESTINEE AU TRAITEMENT DE LA SEPTICEMIE**
[72] MACIAK, RONALD STEVEN, US
[71] ELI LILLY AND COMPANY, US
[85] 2001-06-21
[86] 1999-12-20 (PCT/US99/30433)
[87] 2000-06-29 (WO00/37022)
[30] US (60/113,124) 1998-12-21

[21] **2,358,577**
[13] A1
[51] **Int.Cl. 7F16L 9/12 7B29D 23/00 7B29C 35/02 7B29C 70/04**
[25] EN
[54] **METHOD OF PRODUCING CENTRIFUGALLY CAST, GLASS FIBER REINFORCED PLASTIC TUBES**
[54] **PROCEDE POUR LA PRODUCTION PAR CENTRIFUGATION DE TUBES EN PLASTIQUE RENFORCES DE FIBRES DE VERRE**
[72] CARLSTROM, BORGE, SE
[71] C-TECH LTD., BH
[85] 2001-07-19
[86] 2000-01-19 (PCT/EP00/00406)
[87] 2000-07-27 (WO00/43185)
[30] DE (199 02 456.1) 1999-01-22
[30] DE (199 27 954.3) 1999-06-18
[30] DE (199 51 316.3) 1999-10-25

Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] 2,358,856 [13] A1</p> <p>[51] Int.Cl. 7C11D 17/08 7C11D 1/22 [25] EN [54] AQUEOUS HEAVY DUTY LIQUID DETERGENT COMPOSITIONS COMPRISING MODIFIED ALKYL BENZENE SULFONATES [54] COMPOSITIONS DE DETERGENTS LIQUIDES PUISSANTS A BASE AQUEUSE, COMPRENANT DES SULFONATES D'ALKYL BENZENE MODIFIES [72] SEVERSON, ROLAND GEORGE, US [72] KOTT, KEVIN LEE, US [72] SCHEIBEL, JEFFREY JOHN, US [72] GARCIA, RAQUEL LOPEZ, ES [72] WATSON, RANDALL ALAN, BE [72] CRIPE, THOMAS ANTHONY, US [72] BURCKETT-ST. LAURENT, JAMES CHARLES THEOPHILE ROGER, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-07-11 [86] 1999-12-15 (PCT/US99/29717) [87] 2000-07-27 (WO00/43473) [30] US (60/116,497) 1999-01-20</p>	<p style="text-align: center;">[21] 2,358,921 [13] A1</p> <p>[51] Int.Cl. 7C07D 305/10 7A61P 3/04 7C07D 305/14 7A61K 31/337 7A61K 31/722 [25] EN [54] OXETANONE DERIVATIVES [54] DERIVES D'OXETANONE [72] MULLINS, JOHN JASON GENTRY, US [71] MULLINS, JOHN JASON GENTRY, US [85] 2001-06-28 [86] 2000-10-27 (PCT/US00/29641) [87] 2001-05-10 (WO01/32616) [30] US (09/431,551) 1999-10-29 [30] US (06/165,960) 1999-11-17 [30] US (09/618,328) 2000-07-18</p>	<p style="text-align: center;">[21] 2,359,079 [13] A1</p> <p>[51] Int.Cl. 7G06F 9/44 [25] EN [54] PROGRAM REPRODUCING METHOD AND DEVICE, AND MEDIUM ON WHICH A PROGRAM FOR PROGRAM REPRODUCTION RECORDING [54] PROCEDE ET DISPOSITIF DE REPRODUCTION DE PROGRAMME, ET SUPPORT DE PROGRAMME POUR ENREGISTREMENT DE REPRODUCTION DE PROGRAMME [72] NEGORO, FUMIO, JP [71] THE INSTITUTE OF COMPUTER BASED SOFTWARE METHODOLOGY AND TECHNOLOGY, JP [71] INFORMATION SYSTEM DEVELOPMENT INSTITUTE, JP [85] 2001-06-29 [86] 2000-11-10 (PCT/JP00/07916) [87] 2001-05-17 (WO01/35213) [30] JP (11/321788) 1999-11-11</p>
<p style="text-align: center;">[21] 2,358,917 [13] A1</p> <p>[51] Int.Cl. 7C11D 1/83 7C11D 1/72 [25] EN [54] AQUEOUS CLEANING COMPOSITIONS [54] COMPOSITIONS DE NETTOYAGE AQUEUSES [72] CHRISTENSEN, SCOTT PATRICK, US [72] DERSTINE, CHRISTOPHER WAYNE, US [72] KEEN, BRIAN TERRY, US [71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US [85] 2001-07-04 [86] 2000-01-05 (PCT/US00/00143) [87] 2000-07-13 (WO00/40680) [30] US (09/226,449) 1999-01-06</p>	<p style="text-align: center;">[21] 2,359,027 [13] A1</p> <p>[51] Int.Cl. 7C07C 323/07 7A61K 38/06 7C07D 309/08 7C07K 5/093 7A61P 9/10 7A61K 31/198 7A61K 31/351 7A61K 31/445 7C07D 211/54 [25] EN [54] S-NITROSOTHIOLS AS AGENTS FOR THE TREATMENT OF CIRCULATORY DYSFUNCTIONS [54] S-NITROSOTHIOLS EN TANT QU'AGENTS POUR LE TRAITEMENT DE TROUBLES CIRCULATOIRES [72] REPOLLES MOLINER, JOSE, ES [72] CABEZA LORENTE, LYDIA, ES [72] FERRER SISO, ALICIA, ES [72] CERDA RIUDAVETS, JUAN ANTONIO, ES [72] PUBILL COY, FRANCISCO, ES [72] NEGRIE ROFES, CRISTINA, NL [72] TRIAS ADROHER, NURIA, ES [72] CARBO BANUS, MARCEL.LI, ES [72] SALAS PEREZ-RASILLA, EDUARDO, ES [72] MURAT MORENO, JESUS, ES [72] MICHELENA LLAGUNO, PEDRO, ES [71] LACER S.A., ES [85] 2001-07-19 [86] 2000-01-19 (PCT/ES00/00019) [87] 2000-08-03 (WO00/44714) [30] ES (P 9900159) 1999-01-27</p>	<p style="text-align: center;">[21] 2,359,109 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/16 7A61P 35/00 [25] EN [54] METHODS FOR TREATING OVARIAN CANCER, POLY(PHOSPHOESTER) COMPOSITIONS, AND BIODEGRADABLE ARTICLES FOR SAME [54] PROCEDES DE TRAITEMENT DU CANCER DES OVAIRES, COMPOSITIONS POLY(PHOSPHOESTER), ET ARTICLES BIODEGRADABLES A CET EFFET [72] DANG, WENBIN, US [71] GUILFORD PHARMACEUTICALS INC., US [85] 2001-07-10 [86] 1999-12-23 (PCT/US99/30814) [87] 2000-07-20 (WO00/41678) [30] US (09/227,852) 1999-01-11</p>

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[21] **2,359,110**
[13] A1
[51] **Int.Cl. 7A61K 39/29 7A61P 5/00 7A61K 38/21 7A61K 31/52 7A61K 31/70**
[25] EN
[54] **COMBINATION OF HEPATITIS B VACCINE WITH ANTIVIRAL AGENTS**
[54] **NOUVEAU TRAITEMENT**
[72] WETTENDORFF, MARTINE ANNE CECILE, BE
[72] ATKINSON, GILLIAN FRANCES, GB
[72] BOON, RONALD JAMES, GB
[72] VANDEPAPELIERE, PIERRE G., BE
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE
[85] 2001-07-10
[86] 1999-12-21 (PCT/EP99/10295)
[87] 2000-07-20 (WO00/41463)
[30] GB (9900630.6) 1999-01-12

[21] **2,359,111**
[13] A1
[51] **Int.Cl. 7A61K 39/39 7A61P 15/16 7A61P 15/18**
[25] EN
[54] **IMPROVED SAPONIN ADJUVANT COMPOSITIONS AND METHODS RELATING THERETO**
[54] **COMPOSITIONS ADJUVANTES AMELIOREES A BASE DE SAPONINE ET PROCEDES EN RAPPORT**
[72] WALKER, JOHN, AU
[71] CSL LIMITED, AU
[85] 2001-07-04
[86] 1999-12-24 (PCT/AU99/01167)
[87] 2000-07-20 (WO00/41720)
[30] AU (PP8073) 1999-01-08

[21] **2,359,200**
[13] A1
[51] **Int.Cl. 7G01N 33/574**
[25] EN
[54] **METHOD AND DIAGNOSTIC KIT FOR DIAGNOSIS OF ENDOMETRIOSIS**
[54] **PROCEDE ET KIT DE DIAGNOSTIC POUR LE DIAGNOSTIC DE L'ENDOMETRIOSE**
[72] GOSSELIN, DIANE, CA
[72] GAGNE, DANIELE, CA
[72] HUGO, PATRICE, CA
[72] MIRON, PIERRE, CA
[71] PROCREA BIOSCIENCES INC., CA
[85] 2001-07-12
[86] 2000-01-24 (PCT/CA00/00060)
[87] 2000-07-27 (WO00/43789)
[30] US (60/117,031) 1999-01-25

[21] **2,359,207**
[13] A1
[51] **Int.Cl. 7G01R 33/12**
[25] FR
[54] **APPAREIL ET PROCEDE PERMETTANT D'EVALUER L'ETAT D'UN CIRCUIT MAGNETIQUE D'UNE MACHINE ELECTRIQUE**
[54] **APPARATUS AND METHOD FOR EVALUATING A CONDITION OF A MAGNETIC CIRCUIT OF AN ELECTRIC MACHINE**
[72] LALONDE, FRANCOIS, CA
[72] BOURGEOIS, JEAN-MARC, CA
[71] HYDRO QUÉBEC, CA
[85] 2001-07-20
[86] 1999-01-20 (PCT/CA99/00043)
[87] 2000-07-27 (WO00/43799)

[21] **2,359,367**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7A61K 39/00 7A61P 35/00 7C12N 5/08 7C12N 5/10 7A61K 35/14 7C07K 16/28 7A61K 39/395 7G01N 33/574 7G01N 33/577 7C12Q 1/68 7A61K 31/70 7C07K 14/705 7C12N 15/86**
[25] EN
[54] **MINOR HISTOCOMPATIBILITY ANTIGENS AND THEIR USE IN DIAGNOSIS AND TREATMENT OF TUMORS**
[54] **ANTIGENES MINEURS D'HISTOCOMPATIBILITE HUMAINS ET LEUR UTILISATION DANS LE DIAGNOSTIC ET LE TRAITEMENT DES TUMEURS**
[72] DOLSTRA, HARMEN, NL
[72] VERLINDEN, STEFAN FREDERIK FRANCISCUS, NL
[72] VAN DE WIEL-VAN KEMENADE, PETRONELLA, NL
[71] CRUCCELL HOLLAND B.V., NL
[85] 2001-07-09
[86] 2000-01-17 (PCT/NL00/00029)
[87] 2000-07-20 (WO00/42181)
[30] EP (99200112.3) 1999-01-15

[21] **2,359,396**
[13] A1
[51] **Int.Cl. 7C12N 15/29**
[25] EN
[54] **POLYNUCLEOTIDE AND METHOD FOR SELECTIVELY EXPRESSING A PROTEIN IN A TARGET CELL OR TISSUE OF A PLANT**
[54] **POLYNUCLEOTIDE ET PROCEDE PERMETTANT D'EXPRIMER DE FACON SELECTIVE UNE PROTEINE DANS UNE CELLULE CIBLE OU DANS LES TISSUS D'UNE PLANTE**
[72] ZHOU, JIAN, ZZ
[72] FRAZER, IAN HECTOR, AU
[72] BOTELLA MESA, JOSE RAMON, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2001-07-05
[86] 2000-01-07 (PCT/AU00/00007)
[87] 2000-07-20 (WO00/42190)
[30] AU (PP 8077) 1999-01-08

[21] **2,359,487**
[13] A1
[51] **Int.Cl. 7A61G 5/02**
[25] EN
[54] **WHEELCHAIR PROPULSION KIT**
[54] **KIT DE POUSSEE POUR FAUTEUIL ROULANT**
[72] MITCHELL, RAYMOND L., CA
[71] MITCHELL, RAYMOND L., CA
[85] 2001-07-25
[86] 2000-01-25 (PCT/CA00/00066)
[87] 2000-07-27 (WO00/42965)
[30] US (09/236,368) 1999-01-25

[21] **2,359,507**
[13] A1
[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **CATHETER ASSEMBLY WITH ENDOLUMINAL PROSTHESIS AND METHOD FOR PLACING**
[54] **ENSEMBLE CATHETER AVEC PROTHESE ENDOLUMINALE ET PROCEDE DE MISE EN PLACE**
[72] HILL, BRADLEY B., US
[72] KAMDAR, KIRTI P., US
[72] FOGARTY, THOMAS J., US
[72] KLUMB, KATHERINE J., US
[71] VASCULAR ARCHITECTS, INC., US
[85] 2001-07-30
[86] 2000-02-28 (PCT/US00/05310)
[87] 2000-08-31 (WO00/49973)
[30] US (09/258,542) 1999-02-26
[30] US (09/400,952) 1999-09-22
[30] US (09/400,955) 1999-09-22

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[21] **2,359,565**
[13] A1

[51] **Int.Cl. 7C09J 7/02 7B44C 7/00 7B44C 5/04 7B32B 27/10 7B32B 27/30**
[25] EN
[54] **WALL COVERINGS**
[54] **REVETEMENTS MURAUX**
[72] BRITTON, WILLIAM, US
[71] SPECIALITY COATINGS GROUP LIMITED, GB
[71] BRITTON, WILLIAM, US
[85] 2001-05-23
[86] 1999-11-25 (PCT/GB99/03943)
[87] 2000-06-02 (WO00/31201)
[30] GB (9825950.0) 1998-11-26
[30] GB (9825947.6) 1998-11-26

[21] **2,359,591**
[13] A1

[51] **Int.Cl. 7A23G 3/00 7A61H 39/04 7A21D 13/08 7A23G 3/30**
[25] EN
[54] **INTRAORAL STIMULATING IMPLEMENT**
[54] **STIMULATEUR INTRA-BUCCAL**
[72] HAGIWARA, HIDENORI, JP
[71] HAGIWARA, HIDENORI, JP
[85] 2001-07-12
[86] 2000-03-01 (PCT/JP00/01202)
[87] 2000-09-14 (WO00/53023)
[30] JP (11/62311) 1999-03-09
[30] JP (11/202346) 1999-07-15
[30] JP (2000/35051) 2000-02-14

[21] **2,359,645**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **HIGH DENSITY SAMPLING OF DIFFERENTIALLY EXPRESSED PROKARYOTIC MRNA**
[54] **ECHANTILLONNAGE HAUTE DENSITE D'ARNM PROCARYOTE EXPRIME DE MANIERE DIFFERENTIELLE**
[72] ROUVIERE, PIERRE, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-07-05
[86] 2000-02-17 (PCT/US00/03989)
[87] 2000-08-24 (WO00/49177)
[30] US (60/120,702) 1999-02-19

[21] **2,359,577**
[13] A1

[51] **Int.Cl. 7C07K 16/00**
[25] EN
[54] **ANTIBODIES AND FV FRAGMENT RECOGNIZING ANTIGEN IOR C2**
[54] **ANTICORPS ET FRAGMENT FV RECONNAISSANT L'ANTIGENE IOR C2**
[72] PEREZ RODRIGUEZ, ROLANDO, CU
[72] AYALA AVILA, MARTA, CU
[72] RENGIFO CALZADO, ENRIQUE, CU
[72] BELL GARCIA, HANSSEL, CU
[72] GAVILONDO COWLEY, JORGE VICTOR, CU
[72] DUENAS PORTO, MARTA, CU
[72] MATEO DE ACOSTA DEL RIO, CRISTINA MARIA, CU
[72] ROQUE NAVARRO, LOURDES TATIANA, CU
[72] RAMOS ZUZARTE, MAYRA, CU
[72] IZNAGA ESCOBAR, NORMANDO, CU
[72] MORALES MORALES, ALEJO, CU
[71] CENTRO DE IMMUNOLOGIA MOLECULAR, CU
[85] 2001-07-16
[86] 2000-11-16 (PCT/CU00/00004)
[87] 2001-05-25 (WO01/36485)
[30] CU (196/99) 1999-11-16

[21] **2,359,642**
[13] A1

[51] **Int.Cl. 7E02D 3/08 7E21B 7/20 7E02D 5/34**
[25] EN
[54] **SHORT AGGREGATE PIER TECHNIQUES**
[54] **TECHNIQUES DE CONSTRUCTION DE COURTS Puits A GRANULATS**
[72] FOX, NATHANIEL S., US
[71] GEOPIER FOUNDATION COMPANY, INC., US
[85] 2001-08-08
[86] 2000-01-25 (PCT/US00/01794)
[87] 2000-08-17 (WO00/47826)
[30] US (09/247725) 1999-02-09

[21] **2,359,647**
[13] A1

[51] **Int.Cl. 7A61K 7/00**
[25] EN
[54] **ORAL CARE CHEWING GUMS AND CONFECTIONS**
[54] **GOMMES A MACHER ET CONFISERIES DE SOINS BUCCO-DENTAIRES**
[72] LUO, SHIUH JOHN, US
[72] WONG, LUCY LEE, US
[71] WARNER-LAMBERT COMPANY, US
[85] 2001-07-05
[86] 2000-01-27 (PCT/US00/02142)
[87] 2000-10-05 (WO00/57842)
[30] US (60/126,032) 1999-03-25

[21] **2,359,644**
[13] A1

[51] **Int.Cl. 7A63B 53/04**
[25] EN
[54] **GOLF CLUB AND METHOD OF MANUFACTURING THE SAME**
[54] **CLUB DE GOLF ET PROCEDE DE FABRICATION**
[72] KANEGAWA, KENJI, JP
[72] TOSHINARI, ISAMU, JP
[72] CHAEN, KIYOTAKA, JP
[72] IWATA, MOTOTAKA, JP
[71] MIZUNO CORPORATION, JP
[71] CHUO INDUSTRIES, LTD., JP
[85] 2001-07-05
[86] 2000-02-02 (PCT/JP00/00577)
[87] 2001-08-09 (WO01/56666)

[21] **2,359,649**
[13] A1

[51] **Int.Cl. 7G01N 33/68 7B01L 3/00 7G01N 1/30**
[25] EN
[54] **LCM (LASER CAPTURE MICRODISSECTION) FOR CELLULAR PROTEIN ANALYSIS**
[54] **PROCEDES ET DISPOSITIFS D'ISOLATION ET D'ANALYSE DE LA TENEUR PROTEIQUE DES CELLULES**
[72] PETRICOIN, EMMANUEL F., III, US
[72] EMMERT-BUCK, MICHAEL, US
[72] LIOTTA, LANCE A., US
[72] SIMONE, NICOLE, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF HEALTH AND HUMAN SERVICES, NATIONAL INSTITUTES OF HEALTH, US
[85] 2001-08-07
[86] 2000-02-16 (PCT/US00/04023)
[87] 2000-08-24 (WO00/49410)
[30] US (60/120,288) 1999-02-16

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<p style="text-align: right;">[21] 2,359,652 [13] A1</p> <p>[51] Int.Cl. 7A01N 37/08 [25] EN [54] NOVEL PROSTAGLANDIN COMPOUNDS AND DERIVATIVES THEREOF, COMPOSITIONS CONTAINING THE SAME AND METHOD OF USING THE SAME FOR THE TREATMENT OF PERIPHERAL VASCULAR DISEASE AND PULMONARYHYPERTENSION [54] COMPOSES DE PROSTAGLANDINE, COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES VASCULAIRES PERIPHERIQUES ET DE L'HYPERTENSION PULMONAIRE [72] SHORR, ROBERT, US [72] ROTHBLATT, MARTINE, US [72] BENTLEY, MICHAEL D., US [72] ZHAO, XUAN, US [71] UNITED THERAPEUTICS CORPORATION, US [85] 2001-07-19 [86] 2000-03-29 (PCT/US00/08240) [87] 2000-10-05 (WO00/57701) [30] US (60/127,254) 1999-03-31 [30] US (60/127,255) 1999-03-31</p>	<p style="text-align: right;">[21] 2,359,654 [13] A1</p> <p>[51] Int.Cl. 7C11D 1/62 7C11D 3/20 [25] EN [54] CLEAR SOFTENING AGENT FORMULATIONS [54] FORMULATIONS CLAIRES D'ASSOUPPLISSANTS [72] KOHLE, HANS-JURGEN, DE [72] FENDER, MICHAEL, DE [72] STARK, KLAUS, DE [72] SCHUSSLER, SIMONE, DE [71] GOLDSCHMIDT REWO GMBH & CO. KG, DE [85] 2001-06-27 [86] 1999-08-06 (PCT/EP99/05692) [87] 2000-07-13 (WO00/40681) [30] EP (99100154.6) 1999-01-07</p>	<p style="text-align: right;">[21] 2,359,658 [13] A1</p> <p>[51] Int.Cl. 7A23P 1/02 7A23G 3/00 7A23L 1/0562 7A23J 3/06 7A23L 1/187 [25] EN [54] CONCENTRATED DESSERT CUBE, METHODS OF MANUFACTURE, AND PACKAGING THEREFOR [54] DESSERT CONCENTRE SOUS FORME DE CUBE, PROCEDES DE PRODUCTION ET D'EMBALLAGE [72] AREND, PHILLIP, US [72] STEPHENS, JONATHAN, GB [72] HARMANN, DAVID, US [71] GENERAL MILLS, INC., US [71] BESTFOODS, US [85] 2001-08-07 [86] 2000-02-28 (PCT/US00/05274) [87] 2000-10-05 (WO00/57714) [30] US (09/280,241) 1999-03-29</p>
<p style="text-align: right;">[21] 2,359,653 [13] A1</p> <p>[51] Int.Cl. 7A47L 7/00 [25] EN [54] SELF-EVACUATING VACUUM CLEANER [54] ASPIRATEUR A EVACUATION AUTOMATIQUE [72] RHONE, MARCUS, US [72] BERFIELD, ROBERT C., US [72] BUSS, RANDY L., US [71] SHOP VAC CORPORATION, US [85] 2001-08-07 [86] 1999-08-11 (PCT/US99/18220) [87] 2000-10-05 (WO00/57763) [30] US (09/281,671) 1999-03-30</p>	<p style="text-align: right;">[21] 2,359,656 [13] A1</p> <p>[51] Int.Cl. 6B65D 41/34 [25] EN [54] SLEEVE FOR USE WITH A BOTTLE [54] MANCHON POUR ETRE UTILISE AVEC UNE BOUTEILLE [72] CLARK, DAVID W., US [71] CLARK, DAVID W., US [85] 2001-08-03 [86] 1999-12-29 (PCT/US99/31121) [87] 2000-07-13 (WO00/40474) [30] US (09/225,047) 1999-01-04</p>	<p style="text-align: right;">[21] 2,359,659 [13] A1</p> <p>[51] Int.Cl. 7A61K 39/25 7C12N 7/00 7G01N 33/15 7A61P 31/22 7C12N 15/38 [25] EN [54] METHOD OF CONTROLLING THE QUALITIES OF ATTENUATED POX VACCINE [54] PROCEDE DE CONTROLE DES QUALITES D'UN VACCIN DE POXVIRUS ATTENUUE [72] YAMANISHI, KOICHI, JP [72] TAKAHASHI, MICHIAKI, JP [72] SUNAMACHI, HIROKI, JP [72] GOMI, YASUYUKI, JP [71] THE RESEARCH FOUNDATION FOR MICROBIAL DISEASES OF OSAKA UNIVERSITY, JP [85] 2001-08-07 [86] 2001-01-31 (PCT/JP01/00678) [87] 2001-08-09 (WO01/56600) [30] JP (2000-62734) 2000-01-31</p>
	<p style="text-align: right;">[21] 2,359,657 [13] A1</p> <p>[51] Int.Cl. 7G01N 33/00 7G01N 1/22 [25] EN [54] MICROSENSOR HOUSING [54] BOITIER DE MICROCAPTEUR [72] BONNE, ULRICH, US [71] HONEYWELL INC., US [85] 2001-07-26 [86] 2000-01-27 (PCT/US00/01987) [87] 2000-08-03 (WO00/45163) [30] US (09/239,125) 1999-01-28</p>	

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[21] **2,359,663**
[13] A1
[51] **Int.Cl. 7B05C 17/00 7A47L 13/16 7A47L 13/31**
[25] EN
[54] **SURFACE TREATING DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DE SURFACE**
[72] KATAKURA, TAKAAKI, JP
[72] MIYAGI, AKIRA, JP
[72] OHARA, SOUSABUROU, JP
[71] TAIHO INDUSTRIES CO., LTD., JP
[85] 2001-07-31
[86] 2001-01-25 (PCT/JP01/00480)
[87] 2001-08-02 (WO01/54826)
[30] JP (2000-16685) 2000-01-26
[30] JP (2000-217963) 2000-07-18

[21] **2,359,664**
[13] A1
[51] **Int.Cl. 7G01N 33/53 7G01N 33/553**
[25] EN
[54] **METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS**
[54] **PROCEDES POUR AMELIORER DES INTERACTIONS DE LIAISON ENTRE DES ELEMENTS DE PAIRES DE LIAISON SPECIFIQUE**
[72] RAO, GALLA CHANDRA, US
[72] TERSTAPPEN, LEON W. M. M., US
[72] LIBERTI, PAUL A., US
[71] IMMUNIVEST CORPORATION, US
[85] 2001-07-26
[86] 2000-01-27 (PCT/US00/02034)
[87] 2000-08-03 (WO00/45169)
[30] US (09/240,939) 1999-01-29

[21] **2,359,665**
[13] A1
[51] **Int.Cl. 7H04L 29/06 7H04L 29/12 7H04L 12/18**
[25] EN
[54] **ADDRESS ASSIGNMENT IN A DIGITAL TRANSMISSION SYSTEM**
[54] **AFFECTATION D'ADRESSES DANS UN SYSTEME DE TRANSMISSION NUMERIQUE**
[72] LEBOUILL, GILLES, FR
[71] CANAL + SOCIETE ANONYME, FR
[85] 2001-07-23
[86] 2000-01-21 (PCT/IB00/00118)
[87] 2000-07-27 (WO00/44145)
[30] EP (99400175.8) 1999-01-25

[21] **2,359,667**
[13] A1
[51] **Int.Cl. 7G01N 33/68 7C12N 15/06 7C07K 16/18 7C07K 16/26 7C07K 14/58**
[25] EN
[54] **METHOD OF IDENTIFYING N-TERMINAL PROBNP**
[54] **PROCEDE D'IDENTIFICATION DE PROBNP N-TERMINAL**
[72] BORGYA, ANNELEISE, DE
[72] KARL, JOHANN, DE
[72] GALLUSSER, ANDREAS, DE
[72] STAHL, PETER, DE
[72] KRUEGER, KERSTIN, DE
[72] LILL, HELMUT, DE
[71] ROCHE DIAGNOSTICS GMBH, DE
[85] 2001-07-16
[86] 2000-01-27 (PCT/EP00/00602)
[87] 2000-08-03 (WO00/45176)
[30] DE (199 03 489.3) 1999-01-29
[30] DE (199 11 044.1) 1999-03-12

[21] **2,359,670**
[13] A1
[51] **Int.Cl. 7H05K 9/00 7H01M 10/48**
[25] EN
[54] **AN ELECTRONIC CIRCUIT BOARD, AN ARRANGEMENT COMPRISING AN INSULATING MATERIAL AND AN ELECTRONIC CIRCUIT BOARD**
[54] **CARTE DE CIRCUIT ELECTRONIQUE, MONTAGE COMPRENANT UN MATERIAU ISOLANT ET UNE CARTE DE CIRCUIT ELECTRONIQUE**
[72] KELLERMAN, MICHAEL, SE
[72] BENGTTSSON, JONAS, SE
[72] MERCKE, JOHAN ULF, SE
[72] HELLSTROM, STEFAN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-07-20
[86] 2000-01-14 (PCT/EP00/00272)
[87] 2000-07-27 (WO00/44213)
[30] SE (9900230-5) 1999-01-22

[21] **2,359,672**
[13] A1
[51] **Int.Cl. 7G06F 9/46 7G06F 9/00 7G06F 15/163**
[25] EN
[54] **METHOD-RESIDENT STORAGE ASSOCIATED WITH COLLABORATING COMPUTER PROCESSES**
[54] **PROCEDE ET SYSTEME DE STOCKAGE TEMPORAIRE DE DONNEES RESIDENT EN MEMOIRE ASSOCIEES A UNE PLURALITE DE PROCESSUS INFORMATIQUES COLLABORANT ENSEMBLE**
[72] BUNYAN, PETER, GB
[72] BALAKRISHNAN, GOVIND, US
[71] QUINTUS CORPORATION, US
[85] 2001-07-27
[86] 2000-01-27 (PCT/US00/02040)
[87] 2000-08-03 (WO00/45240)
[30] US (09/240,207) 1999-01-29

[21] **2,359,675**
[13] A1
[51] **Int.Cl. 7H04Q 7/22**
[25] EN
[54] **METHOD AND SYSTEM FOR LOCATION DATA COMMUNICATION USING A CELLULAR PHONE NETWORK**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION DE DONNEES DE POSITION DANS UN RESEAU DE TELEPHONIE CELLULAIRE**
[72] DUVALL, WILLIAM, US
[72] DEMILLE, ROD, US
[71] LOJACK CORPORATION, US
[85] 2001-07-18
[86] 2000-01-19 (PCT/IB00/00054)
[87] 2000-07-27 (WO00/44185)
[30] US (09/235,606) 1999-01-20

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[21] **2,359,676**
[13] A1
[51] **Int.Cl. 7G06F 1/08 7G06K 5/00
7G06K 9/00 7H04K 1/00 7H04L 9/32
7G06F 17/60 7G06K 9/78**
[25] EN
[54] **TOKENLESS BIOMETRIC
ELECTRONIC CHECK
TRANSACTIONS**
[54] **VERIFICATIONS
ELECTRONIQUES BIOMETRIQUES
SANS JETON**
[72] LEE, JONATHAN A., US
[72] PARE, DAVID F., JR., US
[72] HOFFMAN, NED, US
[71] VERISTAR CORPORATION, US
[85] 2001-07-20
[86] 2000-01-31 (PCT/US00/02349)
[87] 2000-08-03 (WO00/45247)
[30] US (09/239,595) 1999-01-29

[21] **2,359,678**
[13] A1
[51] **Int.Cl. 7A61K 31/53 7A61P 33/02
7A61P 33/06**
[25] EN
[54] **USE OF S-TRIAZINES FOR
TREATING APICOMPLEXAN
PARASITIC INFECTIONS**
[54] **UTILISATION DES S-TRIAZINES
POUR TRAITER DES INFECTIONS
DUES AU PARASITE APICOMPLEXAN**
[72] MANSKE, GREG, US
[72] HACKER, MILES, US
[72] LEACH, LORI, US
[71] BIOMES, INC., US
[85] 2001-07-12
[86] 2000-01-12 (PCT/US00/00601)
[87] 2000-07-20 (WO00/41526)
[30] US (60/115,861) 1999-01-13
[30] US (60/120,758) 1999-02-19
[30] US (60/121,474) 1999-02-24

[21] **2,359,680**
[13] A1
[51] **Int.Cl. 7C07D 239/47 7A61P 11/00
7A61P 25/00 7A61P 35/00 7A61P 37/00
7A61K 31/513 7A61K 31/517 7C07D 239/
88 7C07D 239/93 7C07D 239/95**
[25] EN
[54] **KINASE INHIBITORS**
[54] **INHIBITEURS DE KINASE**
[72] ELBAUM, DANIEL, US
[72] BEMIS, JEAN E., US
[72] ARMISTEAD, DAVID M., US
[72] HABGOOD, GREGORY, US
[72] NUNES, JOSEPH J., US
[72] NOVAK, PERRY M., US
[72] TOLEDO-SHERMAN, LETICIA M.,
US
[71] AMGEN INC., US
[85] 2001-07-19
[86] 2000-01-21 (PCT/US00/01581)
[87] 2000-07-27 (WO00/43373)
[30] US (60/116,697) 1999-01-22

[21] **2,359,682**
[13] A1
[51] **Int.Cl. 7B44C 1/10 7B44C 7/00 7B44D
3/18 7B41M 3/18**
[25] EN
[54] **WRITE-ON/WIPE-OFF WALL
COVERING**
[54] **REVETEMENT MURAL
INSCRIPTIBLE ET EFFACABLE**
[72] BAECHLE, JOHN L., US
[72] VARGA, RICHARD S., US
[71] RJF INTERNATIONAL
CORPORATION, US
[85] 2001-07-27
[86] 2000-02-01 (PCT/US00/02481)
[87] 2000-08-03 (WO00/44575)
[30] US (09/240,806) 1999-02-01

[21] **2,359,683**
[13] A1
[51] **Int.Cl. 7G06F 9/38 7G06F 9/24**
[25] EN
[54] **REGISTER TRANSFER UNIT FOR
ELECTRONIC PROCESSOR**
[54] **UNITE DE TRANSFERT DE
REGISTRES POUR PROCESSEUR
ELECTRONIQUE**
[72] NEMIROVSKY, ADOLFO M., US
[72] NEMIROVSKY, MARIO D., US
[72] SANKAR, NARENDRA, US
[71] CLEARWATER NETWORKS, INC.,
US
[85] 2001-07-18
[86] 1999-12-13 (PCT/US99/29646)
[87] 2000-08-03 (WO00/45258)
[30] US (09/240,012) 1999-01-29

[21] **2,359,684**
[13] A1
[51] **Int.Cl. 7G06F 11/00 7G06F 13/00
7G06F 13/14 7G06F 17/60**
[25] EN
[54] **METHOD AND APPARATUS FOR
EVALUATING VISITORS TO A WEB
SERVER**
[54] **PROCEDE ET APPAREIL
PERMETTANT DE COMPTEER LES
VISITEURS D'UN SERVEUR WEB**
[72] BOYD, WILLIAM GLEN, US
[72] SHAPIRA, ELIJAHU, US
[72] MONTGOMERY, DAVID S., US
[71] WEBTRENDS CORPORATION, US
[85] 2001-07-19
[86] 2000-01-25 (PCT/US00/01820)
[87] 2000-08-03 (WO00/45264)
[30] US (09/240,208) 1999-01-29

[21] **2,359,685**
[13] A1
[51] **Int.Cl. 7G06F 12/14**
[25] EN
[54] **AUTHENTICATION
ENFORCEMENT USING DECRYPTION
AND AUTHENTICATION IN A SINGLE
TRANSACTION IN A SECURE
MICROPROCESSOR**
[54] **MISE EN OEUVRE
D'AUTHENTIFICATION UTILISANT
UN DECRYPTAGE ET UNE
AUTHENTICATION EN UNE SEULE
TRANSACTION PAR UN
MICROPROCESSEUR PROTEGE**
[72] MORONEY, PAUL, US
[71] GENERAL INSTRUMENT
CORPORATION, US
[85] 2001-07-24
[86] 2000-01-28 (PCT/US00/02101)
[87] 2000-08-03 (WO00/45273)
[30] US (60/117,788) 1999-01-29
[30] US (60/128,772) 1999-04-09

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[21] **2,359,686**
[13] A1

[51] **Int.Cl. 7G06F 13/42 7H02J 7/02**
[25] EN
[54] **A METHOD ENABLING COMMUNICATION BETWEEN AN ELECTRONIC DEVICE AND A BATTERY, AN APPARATUS COMPRISING AN ELECTRONIC DEVICE AND A BATTERY, AND A BATTERY ENABLING COMMUNICATION**
[54] **PROCEDE PERMETTANT LA COMMUNICATION ENTRE UN DISPOSITIF ELECTRONIQUE ET UNE BATTERIE, ET APPAREIL COMPRENANT UN DISPOSITIF ELECTRONIQUE ET UNE BATTERIE, ET BATTERIE PERMETTANT LA COMMUNICATION**
[72] KELLERMAN, MICHAEL, SE
[72] WENDEL RUP, HEINO, SE
[72] MERCKE, JOHAN, SE
[72] FORSBERG, CHARLES, SE
[72] RUBBMARK, JAN, SE
[72] PTASINSKI, KRISTOFFER, SE
[72] BENG TSSON, JONAS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-07-23
[86] 2000-01-20 (PCT/SE00/00118)
[87] 2000-08-03 (WO00/45279)
[30] SE (9900304-8) 1999-01-27

[21] **2,359,688**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **BROADCAST MEDIA METADATA STRUCTURE**
[54] **STRUCTURE DE METADONNEES ASSOCIEES AUX MEDIAS ELECTRONIQUES**
[72] ORMROD, TRACY-ANNE, GB
[72] CHAN, DAVID, GB
[72] OWENS, CAROL JANET, GB
[72] MCGREGOR, DIANE MARIE, GB
[72] HAYNES, ARTHUR BRIAN, GB
[72] JORDAN, SMITH JOHN, GB
[72] CURTIS, WESLEY JONATHAN, GB
[71] BRITISH BROADCASTING CORPORATION, GB
[85] 2001-07-25
[86] 1999-09-10 (PCT/GB99/03010)
[87] 2000-08-03 (WO00/45294)
[30] GB (9901807.9) 1999-01-27
[30] US (09/238,761) 1999-01-28

[21] **2,359,689**
[13] A1

[51] **Int.Cl. 7C12Q 1/44 7C07K 7/06 7C07D 263/40 7C07D 233/70**
[25] EN
[54] **COMPOSITION AND DEVICE FOR DETECTING LEUKOCYTES IN URINE**
[54] **COMPOSITION ET DISPOSITIF DE DETECTION DE LEUCOCYTES DANS L'URINE**
[72] HUH, NAM-WON, US
[71] HYPOGUARD AMERICA LIMITED, US
[85] 2001-07-20
[86] 2000-01-20 (PCT/US00/01333)
[87] 2000-07-27 (WO00/43535)
[30] US (60/116,613) 1999-01-21
[30] US (60/143,383) 1999-07-12
[30] US (09/365,322) 1999-07-30
[30] US (09/365,592) 1999-07-30

[21] **2,359,690**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **ELECTRONIC BOOK WITH EMBEDDED LINKS TO INTERNAL AND EXTERNAL RESOURCES**
[54] **LIVRE ELECTRONIQUE AVEC LIENS ELECTRONIQUES**
[72] ASMUSSEN, MICHAEL L., US
[72] HENDRICKS, JOHN S., US
[71] DISCOVERY COMMUNICATIONS, INC., US
[85] 2001-07-23
[86] 2000-01-27 (PCT/US00/01625)
[87] 2000-08-03 (WO00/45299)
[30] US (09/237,828) 1999-01-27

[21] **2,359,699**
[13] A1

[51] **Int.Cl. 7C03C 13/06 7A61K 47/02 7C03B 37/04**
[25] EN
[54] **BIODEGRADABLE CERAMIC FIBRES FROM SILICA SOLS**
[54] **FIBRES CERAMIQUES BIODEGRADABLES PROVENANT DE SOLS SILICEUX**
[72] KORTESUO, PIRJO, FI
[72] AHOLA, MANJA, FI
[72] VEITTOLA, SINIKKA, FI
[72] JOKINEN, MIKA, FI
[72] PELTOLA, TIMO, FI
[71] BIOXID OY, FI
[85] 2001-07-26
[86] 2000-02-21 (PCT/FI00/00131)
[87] 2000-08-31 (WO00/50349)
[30] US (60/121,180) 1999-02-22

[21] **2,359,701**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/68 7C12Q 1/68**
[25] EN
[54] **NUCLEIC-ACID BINDING PROTEINS**
[54] **PROTEINES LIANT DES ACIDES NUCLEIQUES**
[72] SHIH, LEO L., US
[72] TRAN, BAO, US
[72] BAUGHN, MARIAH R., US
[72] AU-YOUNG, JANICE L., US
[72] LAL, PRETTI, US
[72] TANG, Y. TOM, US
[72] HILLMAN, JENNIFER L., US
[72] YUE, HENRY, US
[72] LU, AINA M. D., US
[72] AZIMZAI, YALDA, US
[71] INCYTE PHARMACEUTICALS, INC., US
[85] 2001-07-17
[86] 2000-01-28 (PCT/US00/02237)
[87] 2000-08-03 (WO00/44900)
[30] US (60/117,905) 1999-01-29
[30] US (60/117,904) 1999-01-29

[21] **2,359,703**
[13] A1

[51] **Int.Cl. 7C09K 7/02 7E21B 31/00 7E21B 31/03 7C09K 7/06**
[25] EN
[54] **METHOD OF RELEASING STUCK PIPE OR TOOLS AND SPOTTING FLUIDS THEREFOR**
[54] **PROCEDE DE DEGAGEMENT DE TUYAU OU D'OUTILS COINCES ET FLUIDES POUR SPOTTING CORRESPONDANTS**
[72] COWAN, JACK C., US
[72] BROOKEY, TOMMY F., US
[71] MASI TECHNOLOGIES L.L.C., US
[85] 2001-08-08
[86] 1999-12-27 (PCT/US99/31038)
[87] 2000-08-17 (WO00/47690)
[30] US (09/246,934) 1999-02-09

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[21] **2,359,705**
[13] A1

[51] **Int.Cl. 7C12N 15/14 7C12P 21/02 7C07K 1/18 7C07K 1/22 7C12N 15/81**
[25] EN
[54] **HUMAN SERUM ALBUMIN TECHNIQUE**
[72] WOODROW, JOHN, RODNEY, GB
[72] CAMERON, JASON, GB
[72] SLEEP, DARRELL, GB
[72] CARTWRIGHT, ANDREW JOHN, GB
[72] MORTON, PHILIP HARVEY, GB
[72] GRANDGEORGE, MICHEL GASTON JOSEPH, GB
[72] BALLANCE, DAVID JAMES, GB
[72] VERON, JEAN-LUC BERNARD, GB
[72] VAN URK, HENDRIK, GB
[72] BEREZENKO, STEPHEN, GB
[72] MEAD, DAVID JOHN, GB
[71] DELTA BIOTECHNOLOGY LIMITED, GB
[85] 2001-07-05
[86] 2000-01-31 (PCT/GB00/00257)
[87] 2000-08-03 (WO00/44772)
[30] GB (9902000.0) 1999-01-30

[21] **2,359,706**
[13] A1

[51] **Int.Cl. 7C08L 5/00 7A61K 9/20 7A61L 15/28**
[25] EN
[54] **FREEZE-DRIED AGENT CONTAINING PARAMYLON, PRODUCTION AND UTILIZATION THEREOF**
[54] **AGENT LYOPHILISE CONTENANT DU PARAMYLON, SA PRODUCTION ET SON UTILISATION**
[72] TEWES-SCHWARZER, PETRA, DE
[72] SUWELACK, WOLFGANG, DE
[72] BAUMER, DIETRICH, DE
[72] KAHMANN, UWE, DE
[71] DR. SUWELACK SKIN & HEALTH CARE AG, DE
[85] 2001-07-19
[86] 2000-02-08 (PCT/EP00/00986)
[87] 2000-08-17 (WO00/47668)
[30] EP (99102499.3) 1999-02-10

[21] **2,359,708**
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61P 33/02 7A61P 31/04 7A61K 31/70**
[25] EN
[54] **KETOLIDE ANTIBIOTICS**
[54] **ANTIBIOTIQUES CETOLIDES**
[72] MCMILLEN, WILLIAM THOMAS, US
[72] KANEKO, TAKUSHI, US
[71] PFIZER PRODUCTS INC., US
[85] 2001-07-09
[86] 1999-12-28 (PCT/IB99/02051)
[87] 2000-08-03 (WO00/44761)
[30] US (60/117,342) 1999-01-27

[21] **2,359,709**
[13] A1

[51] **Int.Cl. 7A61K 31/135 7A61K 9/50**
[25] EN
[54] **MULTIPARTICULATE BISOPROLOL FORMULATION**
[54] **FORMULATION DE BISOPROLOL MULTIPARTICULAIRE**
[72] STARK, PAUL, IE
[72] FANNING, NIALL, IE
[72] KELLY, CATHERINE MARY, IE
[71] ELAN CORPORATION, PLC, IE
[85] 2001-07-05
[86] 2000-01-17 (PCT/IE00/00005)
[87] 2000-07-27 (WO00/42998)
[30] IE (990048) 1999-01-21
[30] US (60/116,819) 1999-01-21

[21] **2,359,710**
[13] A1

[51] **Int.Cl. 7H01L 39/24 7B01D 71/02 7H01M 8/02 7H01G 4/06**
[25] EN
[54] **EPITAXIAL THIN FILMS**
[54] **COUCHES MINCES EPITAXIALES**
[72] LIN, WEN-YI, US
[72] HUNT, ANDREW T., US
[72] COUSINS, DONALD H., US
[72] HWANG, TZYI-JUAN JAN, US
[72] SHOUP, SHARA S., US
[72] DESHPANDE, GIRISH, US
[71] MICROCOATING TECHNOLOGIES, INC., US
[85] 2001-07-09
[86] 2000-01-12 (PCT/US00/00824)
[87] 2000-07-20 (WO00/42621)
[30] US (60/115,519) 1999-01-12

[21] **2,359,711**
[13] A1

[51] **Int.Cl. 7C07D 335/02 7C07D 413/10 7C07C 271/28**
[25] EN
[54] **PROCESS TO PREPARE CYCLIC-SULFUR FLUORINE CONTAINING OXAZOLIDINONES**
[54] **PROCEDE DE PREPARATION DE FLUOR DE SOUFRE CYCLIQUE CONTENANT DES OXAZOLIDINONES**
[72] GAGE, JAMES R., US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2001-07-10
[86] 2000-01-31 (PCT/US00/00506)
[87] 2000-08-03 (WO00/44741)
[30] US (60/118,150) 1999-02-01

[21] **2,359,719**
[13] A1

[51] **Int.Cl. 7H04L 12/28 7H04B 7/005**
[25] EN
[54] **ARBITRATION METHOD FOR HIGH POWER TRANSMISSIONS IN A CODE DIVISION MULTIPLE ACCESS SYSTEM**
[54] **PROCEDE D'ARBITRAGE POUR EMISSIONS A HAUTE PUISSANCE DANS UN SYSTEME D'ACCES MULTIPLE PAR REPARTITION DE CODE**
[72] PROCTOR, JAMES A., JR., US
[71] TANTIVY COMMUNICATIONS, INC., US
[85] 2001-07-18
[86] 2000-01-14 (PCT/US00/00967)
[87] 2000-07-27 (WO00/44134)
[30] US (60/116,292) 1999-01-19
[30] US (09/482,241) 2000-01-13

[21] **2,359,723**
[13] A1

[51] **Int.Cl. 7C10L 1/22 7C10L 10/00 7C10L 10/04 7C10L 1/18 7C10L 1/24**
[25] EN
[54] **FUEL COMPOSITION**
[54] **COMPOSITION DE CARBURANT**
[72] SCHWAHN, HARALD, DE
[72] POSSELT, DIETMAR, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2001-08-02
[86] 2000-02-05 (PCT/EP00/00911)
[87] 2000-08-17 (WO00/47698)
[30] DE (199 05 211.5) 1999-02-09

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[21] **2,359,727**
[13] A1
[51] **Int.Cl. 7C08J 11/24 7B29B 17/02 7C08L 67/02**
[25] EN
[54] **A GLYCOLYSIS PROCESS FOR RECYCLING OF POST-CONSUMER PET**
[54] **PROCESSUS DE GLYCOLYSE POUR LE RECYCLAGE DES PET APRES CONSOMMATION**
[72] PELL, THOMAS M., US
[72] MURDOCH, WILLIAM S., JR., US
[72] EKART, MICHAEL P., NL
[71] EASTMAN CHEMICAL COMPANY, US
[85] 2001-07-24
[86] 2000-02-04 (PCT/US00/02813)
[87] 2000-08-17 (WO00/47659)
[30] US (60/119,447) 1999-02-10
[30] US (09/478,018) 2000-01-05

[21] **2,359,729**
[13] A1
[51] **Int.Cl. 7C09K 19/54 7C09K 19/00 7C09K 19/20 7C09D 5/36 7C09K 19/38**
[25] EN
[54] **LIQUID-CRYSTALLINE COMPOSITION**
[54] **COMPOSITION DE CRISTAUX LIQUIDES**
[72] MEYER, FRANK, DE
[72] NEUMANN, HORST, DE
[72] SCHUHMACHER, PETER, DE
[72] ISHIDA, HIROKI, JP
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2001-08-08
[86] 2000-02-05 (PCT/EP00/00915)
[87] 2000-08-17 (WO00/47694)
[30] DE (199 05 394.4) 1999-02-10

[21] **2,359,731**
[13] A1
[51] **Int.Cl. 7H04N 7/24**
[25] EN
[54] **METHOD AND APPARATUS FOR DELIVERING REFERENCE SIGNAL INFORMATION WITHIN A SPECIFIED TIME INTERVAL**
[54] **PROCEDE ET DISPOSITIF D'EMISSION DE SIGNAUX DE REFERENCE DANS UN INTERVALLE DE TEMPS SPECIFIE**
[72] HUANG, SI JUN, US
[72] SCHOENBLUM, JOEL, US
[72] BIRCH, CHRISTOPHER H., CA
[71] SCIENTIFIC ATLANTA INC., US
[85] 2001-07-18
[86] 2000-01-18 (PCT/US00/01124)
[87] 2000-07-27 (WO00/44175)
[30] US (09/235,855) 1999-01-22

[21] **2,359,732**
[13] A1
[51] **Int.Cl. 7C08K 5/13 7D21C 5/02 7D21H 21/02 7D21H 17/06 7D21H 17/48**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CONTROLLING STICKIES**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE SURVEILLER LES IMPURETES COLLANTES**
[72] CHEN, SHIH-RUEY T., US
[72] JUZUKONIS, WALTER A., US
[71] CALGON CORPORATION, US
[85] 2001-07-09
[86] 2000-02-03 (PCT/US00/02928)
[87] 2000-08-17 (WO00/47663)
[30] US (09/249,005) 1999-02-12

[21] **2,359,733**
[13] A1
[51] **Int.Cl. 7H01M 8/02 7H01M 8/10 7H01M 8/24**
[25] EN
[54] **PEM FUEL CELL AND METHOD FOR THE PRODUCTION THEREOF**
[54] **PILE A COMBUSTIBLE A MEMBRANE ELECTROLYTIQUE POLYMERE ET PROCEDE DE FABRICATION DE LADITE PILE**
[72] BRUCKNER, DIETER, DE
[72] KLOKE, WOLFGANG, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2001-07-26
[86] 2000-01-11 (PCT/DE00/00076)
[87] 2000-08-03 (WO00/45454)
[30] DE (199 03 352.8) 1999-01-28

[21] **2,359,735**
[13] A1
[51] **Int.Cl. 7C09D 11/10 7B41M 1/30**
[25] EN
[54] **METHOD OF PRINTING A SUBSTRATE AND ARTICLE PRODUCED THEREBY**
[54] **PROCEDE D'IMPRESSIION DE SUBSTRAT ET ARTICLE AINSI OBTENU**
[72] REGISTER, KENNETH M., US
[72] MOSSBROOK, MENDY W., US
[72] HSU, CHIEN-LU, US
[72] BOWEN, J. MILTON, US
[71] CRYOVAC, INC., US
[85] 2001-08-08
[86] 2000-02-07 (PCT/US00/03119)
[87] 2000-08-17 (WO00/47683)
[30] US (09/247,461) 1999-02-09

[21] **2,359,736**
[13] A1
[51] **Int.Cl. 7H01M 8/04**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING THE POWER OF A FUEL CELL STACK, AND THEIR USE**
[54] **DISPOSITIF ET PROCEDE POUR REGULER LA PUISSANCE D'UN EMPILEMENT DE PILES A COMBUSTIBLE**
[72] BRUCKNER, DIETER, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2001-07-26
[86] 2000-01-18 (PCT/DE00/00153)
[87] 2000-08-03 (WO00/45455)
[30] DE (199 03 356.0) 1999-01-28
[30] DE (299 04 328.2) 1999-03-09

PCT Applications Entering the National Phase

[21] **2,359,738**
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/22**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING ACCESS TO A WIRELESS COMMUNICATION SERVICE TO A GROUP OF SUBSCRIBERS WHO SHARE A SET OF MODEMS**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UN ACCES A UN SERVICE DE COMMUNICATION SANS FIL A UN GROUPE D'ABONNES PARTAGEANT UN JEU DE MODEMS**
[72] FAUS, JUAN, US
[72] ACKERMAN, JANET, US
[72] MUELLER, PHILLIP T., JR., US
[71] QUALCOMM INCORPORATED, US
[85] 2001-07-12
[86] 2000-01-20 (PCT/US00/01451)
[87] 2000-07-27 (WO00/44190)
[30] US (09/237,392) 1999-01-26

[21] **2,359,746**
[13] A1

[51] **Int.Cl. 6H04N 7/10 6H04H 1/00 6H04H 7/00 6H04M 11/00 6H04N 7/00 6H04N 7/01 6H04H 1/02 6H04N 5/44 6G06F 17/60**
[25] EN
[54] **TELEPHONE HANDSET FOR USE IN INTERACTIVE TV SYSTEMS**
[54] **COMBINE TELEPHONIQUE UTILISABLE DANS DES SYSTEMES INTERACTIFS DE TELEVISION**
[72] CIARDULLO, DANIEL ANDREW, US
[72] KOPLAR, EDWARD J., US
[71] KOPLAR INTERACTIVE SYSTEMS INTERNATIONAL, US
[85] 2001-07-19
[86] 1999-01-19 (PCT/US98/22844)
[87] 2000-07-27 (WO00/44168)

[21] **2,359,747**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C12N 15/11 7C12N 15/12 7C07K 14/435 7C12Q 1/68**
[25] EN
[54] **HUMAN UNCOUPLING PROTEINS AND POLYNUCLEOTIDES ENCODING THE SAME**
[54] **PROTEINES HUMAINES BRULEUSES DE GRAISSES EXCEDENTAIRES ET POLYNUCLEOTIDES LES CODANT**
[72] TURNER, C. ALEXANDER, JR., US
[72] MATHUR, BRIAN, US
[72] ZAMBROWICZ, BRIAN, US
[72] SANDS, ARTHUR T., US
[71] LEXICON GENETICS INCORPORATED, US
[85] 2001-08-07
[86] 2000-02-09 (PCT/US00/03425)
[87] 2000-08-17 (WO00/47617)
[30] US (60/119,228) 1999-02-09
[30] US (60/158,458) 1999-10-08

[21] **2,359,748**
[13] A1

[51] **Int.Cl. 7C12N 15/864 7A61K 48/00 7C12N 5/10 7C12N 15/19**
[25] EN
[54] **METHOD OF PRODUCING A RECOMBINANT ADENO-ASSOCIATED VIRUS, SUITABLE MEANS FOR PRODUCING THE SAME AND USE THEREOF FOR PRODUCING A MEDICAMENT**
[54] **PROCEDE DE FABRICATION D'UN VIRUS ADENO-ASSOCIE RECOMBINE, MOYENS ADAPTES A CETTE FABRICATION ET UTILISATION DUDIT VIRUS POUR LA FABRICATION D'UN MEDICAMENT**
[72] HORER, MARKUS, DE
[72] HALLEK, MICHAEL, DE
[71] MEDIGENE AG, DE
[85] 2001-08-07
[86] 2000-02-10 (PCT/EP00/01090)
[87] 2000-08-17 (WO00/47757)
[30] DE (199 05 501.7) 1999-02-10

[21] **2,359,750**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00 7A61P 35/00 7C12N 5/06 7C12N 1/38 7A61K 38/39 7G01N 33/566 7C12N 15/63 7C07K 14/78**
[25] EN
[54] **PEPTIDES WITH ANTI-ANGIOGENIC ACTIVITY**
[54] **PEPTIDES**
[72] MAZARAKIS, NICHOLAS, GB
[72] MARTIN-RENDON, ENCA, GB
[72] KINGSMAN, SUSAN MARY, GB
[71] OXFORD BIOMEDICA (UK) LIMITED, GB
[85] 2001-07-19
[86] 2000-02-15 (PCT/GB00/00520)
[87] 2000-08-17 (WO00/47622)
[30] GB (9903408.4) 1999-02-15

[21] **2,359,752**
[13] A1

[51] **Int.Cl. 7H04R 25/00**
[25] EN
[54] **COMPOUND ELECTROLYTIC LOUDSPEAKER ASSEMBLY**
[54] **SYSTEME HAUT-PARLEUR ELECTROLYTIQUE COMPOSE**
[72] ZIMMERMANN, CLAUS, US
[71] MZX, INCORPORATED, US
[71] ZIMMERMANN, CLAUS, US
[85] 2001-07-30
[86] 2000-01-24 (PCT/US00/01779)
[87] 2000-07-27 (WO00/44199)
[30] US (60/117,060) 1999-01-25

[21] **2,359,754**
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61P 1/12 7A61K 31/70 7A61K 31/7016 7A61K 31/702**
[25] EN
[54] **TREATMENT OR DIARRHEA CAUSED BY ENTEROPATHOGENIC ESCHERICHIA COLI**
[54] **TRAITEMENT DE LA DIARRHEE PROVOQUEE PAR ESCHERICHIA COLI ENTEROPATHOGENES**
[72] VANMAELE, ROSA P., CA
[72] ARMSTRONG, GLEN D., CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2001-07-27
[86] 2000-03-02 (PCT/CA00/00218)
[87] 2000-09-08 (WO00/51644)
[30] US (60/123,033) 1999-03-04

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[21] **2,359,757**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A01K 67/027 7C12N 5/10 7C07K 16/28 7C12N 15/63 7C07K 14/705**
[25] EN
[54] **POLYMORPHIC MARKERS OF THE LSR GENE**
[54] **MARQUEURS POLYMORPHES DU GENE LSR**
[72] BLUMENFELD, MARTA, FR
[72] BIHAIN, BERNARD, US
[72] BOUGUELERET, LYDIE, FR
[71] GENSET, FR
[85] 2001-07-13
[86] 2000-02-08 (PCT/IB00/00194)
[87] 2000-08-17 (WO00/47772)
[30] US (60/119,592) 1999-02-10
[30] US (60/144,784) 1999-07-20

[21] **2,359,758**
[13] A1

[51] **Int.Cl. 7C12N 5/00**
[25] EN
[54] **METHODS FOR CONDITIONAL TRANSGENE EXPRESSION AND TRAIT REMOVAL IN PLANTS**
[54] **PROCEDES D'EXPRESSION DE TRANSGENE CONDITIONNEL ET DE RETRAIT DE CARACTERISTIQUES DANS DES PLANTES**
[72] FALCO, S. CARL, US
[72] YADAV, NERENDRA S., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-07-17
[86] 2000-11-16 (PCT/US00/31600)
[87] 2001-05-25 (WO01/36595)
[30] US (09/442,021) 1999-11-17

[21] **2,359,760**
[13] A1

[51] **Int.Cl. 7C03C 3/32**
[25] EN
[54] **GEAS SULPHIDE GLASSES CONTAINING P**
[54] **VERRES DE SULFURE GEAS CONTENANT P**
[72] AITKEN, BRUCE G., US
[71] CORNING INCORPORATED, US
[85] 2001-07-19
[86] 2000-01-18 (PCT/US00/01192)
[87] 2000-07-27 (WO00/43323)
[30] US (60/116,610) 1999-01-21

[21] **2,359,764**
[13] A1

[51] **Int.Cl. 7H04L 1/00 7H04Q 7/38**
[25] EN
[54] **METHODS AND SYSTEMS FOR CODING OF BROADCAST MESSAGES**
[54] **PROCEDE ET SYSTEME DE CODAGE DE MESSAGES DE TELEDIFFUSION**
[72] RATH, ALEX KRISTER, US
[71] ERICSSON, INC., US
[85] 2001-07-04
[86] 1999-12-13 (PCT/US99/29689)
[87] 2000-07-27 (WO00/44122)
[30] US (09/235,469) 1999-01-22

[21] **2,359,765**
[13] A1

[51] **Int.Cl. 7C08L 33/02 7C08L 67/02 7A63B 37/06 7A63B 37/08 7A63B 37/12**
[25] EN
[54] **LOW SPIN GOLF BALL COMPRISING A MANTLE WITH A CELLULAR OR LIQUID CORE**
[54] **BALLE DE GOLF A FAIBLE EFFET ROTATIF COMPRENANT UN MANTEAU A NOYAU CELLULAIRE OU LIQUIDE**
[72] NESBITT, R. DENNIS, US
[72] SULLIVAN, MICHAEL J., US
[71] SPALDING SPORTS WORLDWIDE, INC., US
[85] 2001-07-25
[86] 2000-02-11 (PCT/US00/03533)
[87] 2000-08-17 (WO00/47671)
[30] US (09/248,856) 1999-02-11

[21] **2,359,766**
[13] A1

[51] **Int.Cl. 7A21C 11/00**
[25] EN
[54] **APPARATUS FOR THE MECHANIZED PREPARATION OF PIZZAS**
[54] **DISPOSITIF DE PREPARATION INDUSTRIELLE DE PIZZAS**
[72] TOMATIS, STEFANO, IT
[71] CMT COSTRUZIONI MECCANICHE E TECNOLOGIA S.P.A., IT
[85] 2001-07-20
[86] 2000-01-06 (PCT/IB00/00023)
[87] 2000-07-27 (WO00/42857)
[30] IT (TO99A000041) 1999-01-22

[21] **2,359,772**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61P 29/00 7A61K 31/40**
[25] EN
[54] **CYCLIC SUBSTITUTED FUSED PYRROLOCARBAZOLES AND ISOINDOLONES**
[54] **PYRROLO-CARBAZOLES ET ISO-INDOLONES CYCLIQUES SUBSTITUES CONDENSES**
[72] REDDY, DANDU, US
[72] HUDKINS, ROBERT L., US
[72] UNDERINER, THEODORE L., US
[72] SINGH, JASBIR, US
[72] TRIPATHY, RABINDRANATH, US
[71] CEPHALON, INC., US
[85] 2001-07-19
[86] 2000-02-11 (PCT/US00/03476)
[87] 2000-08-17 (WO00/47583)
[30] US (60/119,834) 1999-02-12
[30] US (09/500,849) 2000-02-10

[21] **2,359,776**
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61P 1/00 7A61P 11/00 7A61P 19/00 7A61P 31/00 7A61P 37/00 7C07K 7/22**
[25] EN
[54] **METHODS FOR THE PREVENTION AND TREATMENT OF DISEASES CAUSED BY AN INFLAMMATORY RESPONSE MEDIATED BY ENDOGENOUS SUBSTANCE P BY USING ANTI-SUBSTANCE P ANTIBODIES**
[54] **PROCEDES DE PREVENTION ET DE TRAITEMENT DE MALADIES DUES A UNE REPOSE INFLAMMATOIRE INDUITE PAR LA SUBSTANCE P ENDOGENE, PAR L'UTILISATION D'ANTICORPS ANTI-SUBSTANCE P**
[72] TRIPP, RALPH A., US
[72] MOORE, DEBORAH D., US
[72] ANDERSON, LARRY J., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC RETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2001-07-20
[86] 2000-01-14 (PCT/US00/01032)
[87] 2000-07-27 (WO00/43040)
[30] US (60/116,835) 1999-01-22

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[21] **2,359,779**
[13] A1

[51] **Int.Cl. 7C10G 11/18**
[25] EN
[54] **CATALYTIC CRACKING PROCESS**
[54] **PROCEDE DE CRAQUAGE CATALYTIQUE**
[72] ELLINGSEN, OLAV, NO
[71] INDUSTRIKONTAKT, ING. O. ELLINGSEN & CO., NO
[85] 2001-08-01
[86] 2000-02-10 (PCT/NO00/00051)
[87] 2000-08-17 (WO00/47695)
[30] NO (19990651) 1999-02-11

[21] **2,359,780**
[13] A1

[51] **Int.Cl. 7C08K 5/47 7C08L 21/00**
[25] EN
[54] **IN SITU PREPARATION OF A BIS-(BENZOTHAZOLESULFEN)AMIDE IN A POLYMERIC MATRIX**
[54] **PREPARATION IN SITU D'UN BIS-(BENZOTHAZOLESULFEN)AMIDE DANS UNE MATRICE POLYMERE**
[72] OTIS, JEFFREY, US
[72] HAJDASZ, DAVID, US
[72] WEFER, JOHN M., US
[72] CORNELL, ROBERT J., US
[72] STIEBER, JOSEPH F., US
[71] UNIROYAL CHEMICAL COMPANY, INC., US
[85] 2001-07-11
[86] 1999-12-15 (PCT/US99/29891)
[87] 2000-07-20 (WO00/42099)
[30] US (09/228,297) 1999-01-12

[21] **2,359,785**
[13] A1

[51] **Int.Cl. 7C12N 15/57 7A01K 67/027 7C07K 7/06 7A61K 38/08 7C12N 5/16 7C12N 1/19 7C12N 1/21 7C07K 16/40 7C07K 14/47 7G01N 33/50 7C12N 9/64 7C12Q 1/68**
[25] EN
[54] **HUMAN .BETA.-SECRETASE ENZYME, INHIBITORS AND THEIR COMPOSITIONS AND USES**
[54] **COMPOSITIONS A BASE D'ENZYME BETA-SECRETASE ET PROCEDES**
[72] WANG, SHUWEN, US
[72] MCCONLOGUE, LISA, US
[72] TATSUNO, GWEN, US
[72] POWER, MICHAEL, US
[72] SINHA, SUKANTO, US
[72] JOHN, VARGHESE, US
[72] FRIGON, NORMAND, US
[72] ANDERSON, JOHN P., US
[72] BASI, GURIQBAL, US
[72] DOANE, MINH TAM, US
[72] TUNG, JAY, US
[71] ELAN PHARMACEUTICALS, INC., US
[85] 2001-08-03
[86] 2000-02-10 (PCT/US00/03819)
[87] 2000-08-17 (WO00/47618)
[30] US (60/119,571) 1999-02-10
[30] US (60/139,172) 1999-06-15

[21] **2,359,786**
[13] A1

[51] **Int.Cl. 7H02B 13/035**
[25] EN
[54] **POLYPHASE ENCAPSULATED OUTDOOR HIGH-VOLTAGE SWITCHING**
[54] **DISPOSITIF DISJONCTEUR EXTERIEUR A HAUTE TENSION ENCAPSULE POUR COURANT POLYPHASE**
[72] SUHR, MICHAEL, DE
[72] SCHULZE-HEULING, HUGO, DE
[72] MEINHERZ, MANFRED, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2001-07-26
[86] 2000-01-25 (PCT/DE00/00248)
[87] 2000-08-03 (WO00/45486)
[30] DE (299 02 208.0) 1999-01-28
[30] DE (299 02 246.3) 1999-02-02

[21] **2,359,788**
[13] A1

[51] **Int.Cl. 7C10M 105/42**
[25] EN
[54] **NON-PHOSPHOROUS, NON-METALLIC ANTI-WEAR COMPOUND AND FRICTION MODIFIER**
[54] **COMPOSE ANTI-USURE NON METALLIQUE, NON PHOSPHOREUX ET MODIFICATEUR DE FROTTEMENT**
[72] RHODES, BLAINE, US
[72] WILLIAMSON, WILL F., US
[71] INTERNATIONAL LUBRICANTS, INC., US
[85] 2001-07-10
[86] 2000-01-19 (PCT/US00/02248)
[87] 2000-07-20 (WO00/42134)
[30] US (09/234,019) 1999-01-19
[30] US (09/299,068) 1999-04-23

[21] **2,359,793**
[13] A1

[51] **Int.Cl. 7G08B 17/117 7G08B 17/10 7G01N 27/64**
[25] EN
[54] **FIRE DETECTION METHOD**
[54] **PROCEDE DE DETECTION D'INCENDIE**
[72] BOLLAN, HILARY ROBERTA, GB
[72] RICHES, JAMES, GB
[72] FOULGER, BRIAN, GB
[71] THE SECRETARY OF STATE FOR DEFENCE, GB
[85] 2001-07-17
[86] 2000-01-25 (PCT/GB00/00210)
[87] 2000-08-03 (WO00/45354)
[30] GB (9901764.2) 1999-01-28

[21] **2,359,794**
[13] A1

[51] **Int.Cl. 7H01S 3/098**
[25] EN
[54] **HIGH-REPETITION RATE PASSIVELY MODE-LOCKED SOLID-STATE LASER**
[54] **LASER HAUTE REPETITION A L'ETAT SOLIDE A MODES PASSIVEMENT BLOQUES**
[72] WEINGARTEN, KURT J., CH
[72] KOPF, DANIEL, CH
[71] GIGATERA AG, CH
[85] 2001-07-18
[86] 2000-01-28 (PCT/IB00/00083)
[87] 2000-08-03 (WO00/45480)
[30] US (09/241,684) 1999-02-01

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[21] **2,359,795**
[13] A1
[51] **Int.Cl. 7C12N 15/85 7A61K 48/00 7C07K 14/075 7C12N 5/10 7C12N 15/34**
[25] EN
[54] **ADENOVIRUS VECTORS, PACKAGING CELL LINES, COMPOSITIONS, AND METHODS FOR PREPARATION AND USE**
[54] **VECTEURS D'ADENOVIRUS, LIGNEES CELLULAIRES D'ENCAPSIDATION, COMPOSITIONS ET PROCEDES DE PREPARATION ET D'UTILISATION CORRESPONDANTS**
[72] SKRIPCHENKO, YELENA, US
[72] NEMEROW, GLEN ROBERT, US
[72] VON SEGGERN, DANIEL J., US
[72] STEVENSON, SUSAN C., US
[72] HALLENBECK, PAUL L., US
[71] NOVARTIS AG, CH
[85] 2001-07-12
[86] 2000-01-14 (PCT/EP00/00265)
[87] 2000-07-20 (WO00/42208)
[30] US (60/115,920) 1999-01-14

[21] **2,359,796**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 17/40**
[25] EN
[54] **SYSTEM FOR REAL-TIME MONITOR AND RESPONSE**
[54] **SYSTEME DE SURVEILLANCE ET DE REPONSE EN TEMPS REEL**
[72] GRINTER, RICHARD C., US
[72] ALVAREZ, DAVID, US
[71] ON GUARD PLUS LIMITED, GB
[85] 2001-07-24
[86] 2000-01-25 (PCT/IB00/00259)
[87] 2000-08-03 (WO00/45310)
[30] US (09/237,931) 1999-01-27
[30] US (09/316,220) 1999-05-21

[21] **2,359,797**
[13] A1
[51] **Int.Cl. 7G01S 1/24**
[25] EN
[54] **CALIBRATION FOR WIRELESS LOCATION SYSTEM**
[54] **ETALONNAGE POUR SYSTEME DE RADIOLOCALISATION**
[72] STILP, LOUIS A., US
[71] TRUEPOSITION, INC., US
[85] 2001-07-06
[86] 1999-12-13 (PCT/US99/29505)
[87] 2000-07-13 (WO00/41403)
[30] US (09/227,764) 1999-01-08

[21] **2,359,798**
[13] A1
[51] **Int.Cl. 7C12Q 1/00 7A01K 67/00 7C12N 15/00 7G01N 33/00**
[25] EN
[54] **METHODS OF SCREENING PROTEASE INHIBITORS, OF INDUCING MICE SUSCEPTIBLE TO HIV PROTEASE INHIBITOR-INDUCED DYSLIPIDEMIA, AND GENES ASSOCIATED THEREWITH**
[54] **PROCEDES DE CRIBLAGE D'INHIBITEURS DE PROTEASE, D'INDUCTION DE SOURIS SENSIBLE A LA DYSLIPIDEMIE PROVOQUEE PAR LES INHIBITEURS DE PROTEASE DU VIH, ET GENES ASSOCIES A CEUX-CI**
[72] LENHARD, JAMES MARTIN, US
[71] GLAXO GROUP LIMITED, GB
[85] 2001-07-18
[86] 2000-01-19 (PCT/US00/01205)
[87] 2000-07-20 (WO00/42211)
[30] US (60/116,300) 1999-01-19
[30] US (60/137,620) 1999-06-04
[30] US (60/146,309) 1999-07-27

[21] **2,359,799**
[13] A1
[51] **Int.Cl. 7C12N 15/31 7A61K 39/095 7C12N 1/11 7C07K 16/12 7C07K 14/22 7A61K 39/40 7G01N 33/50 7C12N 15/62**
[25] EN
[54] **NEISSERIA MENINGITIDIS SEROGROUP B ANTIGEN**
[54] **ANTIGENE CONTRE LE SEROGRUPE B DE NEISSERIA MENINGITIDIS**
[72] THONNARD, JOELLE, BE
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE
[85] 2001-07-25
[86] 2000-02-04 (PCT/EP00/00888)
[87] 2000-08-17 (WO00/47743)
[30] GB (9902937.3) 1999-02-10

[21] **2,359,800**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C07H 21/00 7C07K 1/00 7C07K 17/00**
[25] EN
[54] **APTAMERS AS REAGENTS FOR HIGH THROUGHPUT SCREENING**
[54] **APTAMERES UTILISES COMME REACTIFS DANS LA RECHERCHE A HAUT RENDEMENT**
[72] GOLD, LARRY, US
[72] JANJIC, NEBOJSA, US
[71] GILEAD SCIENCES, INC., US
[85] 2001-08-03
[86] 2000-02-01 (PCT/US00/02490)
[87] 2000-08-17 (WO00/47774)
[30] US (09/246,461) 1999-02-09

[21] **2,359,801**
[13] A1
[51] **Int.Cl. 7C12P 19/62 7C12N 15/00**
[25] EN
[54] **METHODS TO MEDIATE POLYKETIDE SYNTHASE MODULE EFFECTIVENESS**
[54] **PROCEDES DE MODULATION DE L'EFFICACITE DE MODULES DE POLYKETIDE-SYNTHASES**
[72] TSUJI, STUART Y., US
[72] GOKHALE, RAJESH S., IN
[72] KHOSLA, CHAITAN, US
[71] BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2001-07-26
[86] 2000-02-09 (PCT/US00/03345)
[87] 2000-08-17 (WO00/47724)
[30] US (60/119,363) 1999-02-09

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[21] **2,359,803**
[13] A1
[51] **Int.Cl. 7C12N 15/61 7A01H 5/00 7C12N 5/10 7C12Q 1/68 7C12N 15/82 7C12N 9/90**
[25] EN
[54] **PLANT UDP-GLUCOSE EPIMERASES**
[54] **GENES MODIFICATEURS D'UDP-GLUCOSE**
[72] KINNEY, ANTHONY J., US
[72] FAMODU, OMOLAYO O., US
[72] PEARLSTEIN, RICHARD W., US
[72] RAFALSKI, J. ANTONI, US
[72] THORPE, CATHERINE J., GB
[72] CARLSON, THOMAS J., US
[72] FADER, GARY M., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-07-05
[86] 2000-02-09 (PCT/US00/03453)
[87] 2000-08-17 (WO00/47755)
[30] US (60/119,588) 1999-02-10

[21] **2,359,805**
[13] A1
[51] **Int.Cl. 7A63B 53/00**
[25] EN
[54] **GOLF CLUB AND METHOD OF DESIGN**
[54] **CLUB DE GOLF ET PROCEDE POUR SA CONCEPTION**
[72] SOSIN, HOWARD B., US
[71] FEIL GOLF, LLC., US
[85] 2001-08-07
[86] 2000-02-08 (PCT/US00/03218)
[87] 2000-09-08 (WO00/51693)
[30] US (09/248,515) 1999-02-08

[21] **2,359,807**
[13] A1
[51] **Int.Cl. 7A61B 18/18**
[25] EN
[54] **METHOD AND APPARATUS FOR THERAPEUTIC LASER TREATMENT**
[54] **PROCEDE ET DISPOSITIF POUR TRAITEMENT AU LASER MEDICAL**
[72] GERDES, HAROLD, M., US
[71] MEDELASER, LLC, US
[85] 2001-04-27
[86] 2000-03-28 (PCT/US00/08136)
[87] 2000-10-05 (WO00/57804)
[30] US (09/281,443) 1999-03-29

[21] **2,359,808**
[13] A1
[51] **Int.Cl. 7C11D 3/37 7C11D 3/22**
[25] EN
[54] **LAUNDRY DETERGENT COMPOSITIONS WITH FABRIC ENHANCING COMPONENT**
[54] **COMPOSITIONS DE DETERGENT A LESSIVE AVEC UN CONSTITUANT PRESERVANT L'APPARENCE DES TISSUS**
[72] LEUPIN, JENNIFER ANN, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] WERTZ, WILLIAM CONRAD, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-07-25
[86] 2000-02-09 (PCT/US00/03472)
[87] 2000-08-17 (WO00/47705)
[30] US (60/119,569) 1999-02-10

[21] **2,359,810**
[13] A1
[51] **Int.Cl. 7C07D 307/87 7A61P 25/24 7A61K 31/343**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF PURE CITALOPRAM**
[54] **PROCEDE DE PREPARATION DE CITALOPRAM PUR**
[72] VOLPE, GIULIO, IT
[72] SBROGIO, FEDERICO, IT
[72] CASTELLIN, ANDREA, IT
[71] H. LUNDBECK A/S, DK
[85] 2001-10-17
[86] 2001-03-07 (PCT/DK01/00148)
[87] 2001-07-05 (WO01/47877)
[30] DK (PA 2000 01943) 2000-12-28

[21] **2,359,811**
[13] A1
[51] **Int.Cl. 7C12N 15/54 7C12N 9/12 7C12Q 1/48 7C12Q 1/68 7C12N 15/82**
[25] EN
[54] **UDP-GLUCOSE MODIFIERS**
[54] **MODIFICATEURS DE L'UDP-GLUCOSE**
[72] FAMODU, OMOLAYO O., US
[72] PEARLSTEIN, RICHARD W., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-08-07
[86] 2000-02-09 (PCT/US00/03513)
[87] 2000-08-17 (WO00/47748)
[30] US (60/119,588) 1999-02-10

[21] **2,359,816**
[13] A1
[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHOD FOR THE DETECTION OF GENE TRANSCRIPTS IN BLOOD AND USES THEREOF**
[54] **TECHNIQUE DE DETECTION DE TRANSCRITS GENIQUES DANS LE SANG ET LEUR UTILISATION**
[72] LIEW, CHOONG-CHIN, CA
[71] GENENEWS INC., CA
[85] 2001-07-06
[86] 2000-01-05 (PCT/CA00/00005)
[87] 2000-07-13 (WO00/40749)
[30] US (60/115,125) 1999-01-06
[30] US (09/477,148) 2000-01-04

[21] **2,359,817**
[13] A1
[51] **Int.Cl. 7C08K 13/02 7C08L 23/02**
[25] EN
[54] **FLAME-PROOF POLYOLEFIN COMPOSITIONS**
[54] **COMPOSITIONS POLYOLEFINIQUES IGNIFUGES**
[72] ZUCHELLI, UGO, IT
[72] MARCHINI, ROBERTA, IT
[72] GOBERTI, PAOLO, IT
[72] BRAGA, VITTORIO, IT
[71] BASELL TECHNOLOGY COMPANY B.V., NL
[85] 2001-07-25
[86] 2000-12-18 (PCT/EP00/12888)
[87] 2001-07-05 (WO01/48075)
[30] EP (99204494.1) 1999-12-23

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[21] **2,359,819**
[13] A1

[51] **Int.Cl. 7C07D 265/26 7A61P 3/04 7C07C 271/28 7A61K 31/536**
[25] EN
[54] **2-OXY-BENZOXAZINONE DERIVATIVES FOR THE TREATMENT OF OBESITY**
[54] **2-AMINO-4H-3,1-BENZOXAZINE-4-ONES DESTINEES AU TRAITEMENT DE L'OBESITE**
[72] DUNK, CHRISTOPHER ROBERT, GB
[72] HODSON, HAROLD FRANCIS, GB
[72] PALMER, RICHARD MICHAEL JOHN, GB
[72] DOWNHAM, ROBERT, GB
[72] CARR, BEVERLEY JANE, GB
[72] MITCHELL, TIMOTHY JOHN, GB
[71] ALIZYME THERAPEUTICS LIMITED, GB
[85] 2001-07-06
[86] 2000-01-06 (PCT/GB00/00032)
[87] 2001-07-13 (WO00/40247)
[30] GB (9900413.7) 1999-01-08
[30] GB (9917294.2) 1999-07-22

[21] **2,359,821**
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61K 35/39 7A61P 5/48**
[25] EN
[54] **PLATFORM FOR THE DIFFERENTIATION OF CELLS**
[54] **PLATE-FORME DE DIFFERENCIATION CELLULAIRE**
[72] ROSENBERG, LAWRENCE, CA
[71] MCGILL UNIVERSITY, CA
[85] 2001-07-30
[86] 2000-02-02 (PCT/CA00/00105)
[87] 2000-08-10 (WO00/46351)
[30] US (60/118,790) 1999-02-04

[21] **2,359,822**
[13] A1

[51] **Int.Cl. 7C23C 16/44**
[25] EN
[54] **MATERIAL FABRICATION**
[54] **FABRICATION DE MATERIAU**
[72] CHOY, KWANG-LEONG, GB
[72] SU, BO, GB
[72] MEI, JUNFA, GB
[71] IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE, GB
[85] 2001-07-16
[86] 2000-01-05 (PCT/GB00/00013)
[87] 2000-07-20 (WO00/42234)
[30] GB (9900955.7) 1999-01-15

[21] **2,359,823**
[13] A1

[51] **Int.Cl. 7G06T 15/70**
[25] EN
[54] **METHOD FOR DISPLAYING LOAD TRANSFER DISPLACEMENT OF OBJECT**
[54] **AFFICHAGE DU DEPLACEMENT PAR TRANSFERT DE CHARGE D'UN OBJET**
[72] NISHI, YASUKAZU, JP
[71] NIHON UNIVERSITY, JP
[85] 2001-07-30
[86] 2000-07-19 (PCT/JP00/04834)
[87] 2001-07-19 (WO01/52193)
[30] JP (2000-3496) 2000-01-12

[21] **2,359,824**
[13] A1

[51] **Int.Cl. 7H05B 6/68**
[25] EN
[54] **DRIVING CIRCUIT OF DC MICROWAVE OVEN AND METHOD OF CONTROLLING THE SAME**
[54] **CIRCUIT D'ATTAQUE DE FOUR A MICRO-ONDES COURANT CONTINU ET SON PROCEDE DE COMMANDE**
[72] SUNG, HAN JUN, KR
[72] HAN, YONG WOON, KR
[72] KANG, KWANG SEOK, KR
[72] JANG, SEONG DEOG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2001-08-07
[86] 2000-11-22 (PCT/KR00/01346)
[87] 2001-07-05 (WO01/49079)
[30] KR (1999/56264) 1999-12-09
[30] KR (1999/56267) 1999-12-09
[30] KR (2000/9899) 2000-02-28

[21] **2,359,828**
[13] A1

[51] **Int.Cl. 7G01B 7/30**
[25] EN
[54] **COMPUTER-ASSISTED METHOD OF ADJUSTING WHEEL ALIGNMENT ANGLES**
[54] **PROCEDE INFORMATISE DE REGLAGE D'ANGLES**
[54] **D'ALIGNEMENT D'UNE ROUE**
[72] HEALY, DONALD, US
[71] SNAP-ON TECHNOLOGIES, INC., US
[85] 2001-07-17
[86] 2001-01-09 (PCT/US01/00567)
[87] 2001-07-19 (WO01/51884)
[30] US (09/479,902) 2000-01-10

[21] **2,359,830**
[13] A1

[51] **Int.Cl. 7A61N 1/30**
[25] EN
[54] **SELECTED DRUG DELIVERY PROFILES USING COMPETING IONS**
[54] **PROFILS SELECTIONNES D'ADMINISTRATION DE MEDICAMENTS RECORANT A DES IONS ENTRANT EN COMPETITION**
[72] BOCK, CARL RANDOLPH, US
[72] SAGE, BURTON H., JR., US
[71] DRUG DELIVERY TECHNOLOGIES, INC., US
[85] 2001-07-31
[86] 2001-01-10 (PCT/US01/00744)
[87] 2001-07-19 (WO01/51120)
[30] US (09/480,540) 2000-01-10

[21] **2,359,834**
[13] A1

[51] **Int.Cl. 7H01M 10/46 7H02J 7/04**
[25] EN
[54] **METHOD IN CHARGING A BATTERY POWERED DEVICE AND APPARATUS FOR WORKING THE METHOD**
[54] **PROCEDE POUR CHARGER UN DISPOSITIF ALIMENTE PAR BATTERIE ET APPAREIL DE REALISATION DE CE PROCEDE**
[72] KLINGSTROM, LEIF, SE
[72] OLSSON, TORBJORN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-07-24
[86] 2000-01-13 (PCT/SE00/00041)
[87] 2000-08-03 (WO00/45458)
[30] SE (9900271-9) 1999-01-27

[21] **2,359,836**
[13] A1

[51] **Int.Cl. 7G01S 7/28**
[25] EN
[54] **SHORT PULSE MICROWAVE TRANSCEIVER**
[54] **EMETTEUR-RECEPTEUR HYPERFREQUENCE A IMPULSIONS COURTES**
[72] MCEWAN, THOMAS E., US
[71] MCEWAN TECHNOLOGIES LLC, US
[85] 2001-07-26
[86] 2000-01-21 (PCT/US00/01590)
[87] 2000-08-03 (WO00/45460)
[30] US (09/238,455) 1999-01-28

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[21] **2,359,839**
[13] A1

[51] **Int.Cl. 7C08B 37/00 7C12P 19/00 7C12N 9/38**
[25] EN
[54] **SULFATED FUCOGALACTAN**
[54] **FUCOGALACTANE SULFATE**
[72] SHIMANAKA, KAZUO, JP
[72] IKAI, KATSUSHIGE, JP
[72] KATAYAMA, KAORU, JP
[72] KIMURA, HITOMI, JP
[72] KOJIMA, KAORU, JP
[72] KATO, IKUNOSHIN, JP
[72] SAKAI, TAKESHI, JP
[71] TAKARA SHUZO CO., LTD., JP
[85] 2001-07-06
[86] 2000-02-21 (PCT/JP00/00965)
[87] 2000-08-31 (WO00/50464)
[30] JP (11/44752) 1999-02-23
[30] JP (11/232809) 1999-08-19
[30] JP (11/350112) 1999-12-09

[21] **2,359,840**
[13] A1

[51] **Int.Cl. 7C12N 15/16 7A61P 3/04 7A61P 3/06 7C12N 5/10 7A61K 38/22 7C07K 16/26 7A61P 5/48 7C07K 14/575 7C12N 15/63**
[25] EN
[54] **GLYCOSYLATED LEPTIN COMPOSITIONS AND RELATED METHODS**
[54] **COMPOSITIONS GLYCOSYLEES DE LEPTINE ET PROCEDES CORRESPONDANTS**
[72] MARTIN, FRANCIS H., US
[72] ELLIOTT, STEVEN G., US
[71] AMGEN INC., US
[85] 2001-08-01
[86] 2000-02-11 (PCT/US00/03652)
[87] 2000-08-17 (WO00/47741)
[30] US (09/249,675) 1999-02-12

[21] **2,359,844**
[13] A1

[51] **Int.Cl. 7C09K 7/02 7C09K 7/00**
[25] EN
[54] **APHRON-CONTAINING AQUEOUS WELL DRILLING AND SERVICING FLUIDS**
[54] **FLUIDES AQUEUX CONTENANT DES APHRONS DESTINES A L'ENTRETIEN ET AU FORAGE DE PUITES**
[72] BROOKEY, TOMMY F., US
[71] MASI TECHNOLOGIES L.L.C., US
[85] 2001-08-08
[86] 1999-12-27 (PCT/US99/31049)
[87] 2000-08-17 (WO00/47691)
[30] US (09/246,932) 1999-02-09

[21] **2,359,846**
[13] A1

[51] **Int.Cl. 7C09K 7/06 7C09K 7/00**
[25] EN
[54] **APHRON-CONTAINING OIL BASE FLUIDS AND METHOD OF DRILLING A WELL THEREWITH**
[54] **FLUIDES A BASE D'HUILE CONTENANT DES APHRONS ET PROCEDE DE FORAGE D'UN PUITES CORRESPONDANT**
[72] BROOKEY, TOMMY F., US
[72] COWAN, JACK C., US
[71] MASI TECHNOLOGIES L.L.C., US
[85] 2001-08-08
[86] 1999-12-27 (PCT/US99/31050)
[87] 2000-08-17 (WO00/47692)
[30] US (09/246,935) 1999-02-09

[21] **2,359,853**
[13] A1

[51] **Int.Cl. 7C12N 15/17 7C12N 15/00 7C12N 15/03 7A61K 38/19 7C07K 14/52 7C12N 15/63**
[25] EN
[54] **HUMAN CHEMOKINE BETA-10 MUTANT POLYPEPTIDES**
[54] **POLYPEPTIDES MUTANTS DE CHIMIOKINE BETA-10 HUMAINE**
[72] APPELBAUM, EDWARD, R., US
[72] OLSEN, HENRIK, S., US
[72] LI, HAODONG, US
[72] GENTZ, SOLANGE, H., L., US
[72] ADAMS, MARK, D., US
[72] WHITE, JOHN, R., US
[72] LI, YULING, US
[72] PARMELEE, DAVID, US
[72] ALDERSON, RALPH, US
[71] HUMAN GENOME SCIENCES, INC., US
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 2001-07-06
[86] 2000-01-07 (PCT/US00/00296)
[87] 2000-07-13 (WO00/40726)
[30] US (60/115,439) 1999-01-08

[21] **2,359,860**
[13] A1

[51] **Int.Cl. 7A01M 15/00 7F23L 9/00**
[25] EN
[54] **METHOD AND APPARATUS FOR THERMALLY KILLING WEEDS**
[54] **PROCEDE ET DISPOSITIF DE DESTRUCTION THERMIQUE DES MAUVAISES HERBES**
[72] PRULL, GREGORY G., US
[71] PRULL, GREGORY G., US
[85] 2001-08-02
[86] 2000-02-03 (PCT/US00/02999)
[87] 2000-08-17 (WO00/47043)
[30] US (09/247,207) 1999-02-09

[21] **2,359,865**
[13] A1

[51] **Int.Cl. 7C01D 5/00 7C01B 13/00 7C01B 17/00 7C01B 19/00 7C01B 25/00 7C01B 33/00 7H01B 1/00 7C01D 17/00 7H01M 8/10 7H01M 6/18 7G01N 27/406**
[25] EN
[54] **PROTON CONDUCTING MEMBRANE USING A SOLID ACID**
[54] **MEMBRANE CONDUCTRICE DE PROTONS UTILISANT UN ACIDE SOLIDE**
[72] HAILE, SOSSINA M., US
[72] BOYSEN, DANE, US
[72] NARAYANAN, SEKHARIPURAM R., US
[72] CHISHOLM, CALUM, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2001-07-10
[86] 2000-01-21 (PCT/US00/01783)
[87] 2000-08-03 (WO00/45447)
[30] US (60/116,741) 1999-01-22
[30] US (60/146,946) 1999-08-02
[30] US (60/146,943) 1999-08-02
[30] US (60/151,811) 1999-08-30
[30] US (09/439,377) 1999-11-15

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[21] **2,359,869**
[13] A1

[51] **Int.Cl. 7H01M 4/88 7H01M 8/10**
[25] EN
[54] **IMPROVED MEMBRANE ELECTRODE ASSEMBLY FOR A FUEL CELL**
[54] **ENSEMBLE AMELIORE D'ELECTRODES A MEMBRANE CONCU POUR PILE A COMBUSTION**
[72] PRAKASH, SURYA, US
[72] OLAH, GEORGE, US
[72] NARAYANAN, S. R., US
[72] ATTI, TONY, US
[72] SMART, MARSHALL C., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2001-07-20
[86] 2000-01-24 (PCT/US00/01810)
[87] 2000-08-03 (WO00/45448)
[30] US (60/116,747) 1999-01-22

[21] **2,359,872**
[13] A1

[51] **Int.Cl. 7A61F 13/00 7A61K 7/00 7C08L 29/00 7B29C 39/02 7C08L 39/04 7A01N 25/04 7A61L 15/16 7A61K 31/74**
[25] EN
[54] **GELS FORMED BY THE INTERACTION OF POLY(ALDEHYDE) WITH VARIOUS SUBSTANCES**
[54] **GELS FORMES PAR L'INTERACTION D'UN POLY(ALDEHYDE) AVEC DIVERSES SUBSTANCES**
[72] EKNOIAN, MICHAEL, US
[71] HYDROMER, INC., US
[85] 2001-08-07
[86] 2000-01-12 (PCT/US00/00763)
[87] 2000-08-17 (WO00/47149)
[30] US (09/248,591) 1999-02-11

[21] **2,359,874**
[13] A1

[51] **Int.Cl. 7A01N 59/26 7C12P 3/00 7A61K 33/42**
[25] EN
[54] **METHOD FOR REDUCING HIP JOINT LAXITY**
[54] **PROCEDE DE REDUCTION DE LA LAXITE DE L'ARTICULATION DE LA HANCHE**
[72] KEALY, RICHARD D., US
[71] RALSTON PURINA COMPANY, US
[85] 2001-07-11
[86] 2000-02-08 (PCT/US00/03186)
[87] 2000-08-17 (WO00/47049)
[30] US (09/247,763) 1999-02-09

[21] **2,359,878**
[13] A1

[51] **Int.Cl. 7A23F 3/10 7A23F 3/14 7A23F 3/16**
[25] EN
[54] **COLD BREW TEA**
[54] **THE INFUSE A FROID**
[72] GOBBO, STEVEN ALPHONSE, US
[72] PARRY, ANDREW DAVID, GB
[72] HANG, ROBERT STEVEN, US
[72] QI, XIAOGUN, US
[72] BALENTINE, DOUGLAS ASHLEY, US
[72] GOODSALL, CHRISTOPHER WILLIAM, GB
[71] UNILEVER PLC, GB
[85] 2001-08-07
[86] 2000-02-04 (PCT/EP00/00906)
[87] 2000-08-17 (WO00/47056)
[30] US (60/119,102) 1999-02-08

[21] **2,359,880**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **HIERARCHICAL INDEXING FOR ACCESSING HIERARCHICALLY ORGANIZED INFORMATION IN A RELATIONAL SYSTEM**
[54] **INDEXATION HIERARCHISEE PERMETTANT UN ACCES DE TYPE HIERARCHISE A L'INFORMATION D'UN SYSTEME RELATIONNEL**
[72] SEDLAR, ERIC, US
[71] ORACLE CORPORATION, US
[85] 2001-07-25
[86] 2000-02-17 (PCT/US00/03967)
[87] 2000-08-24 (WO00/49533)
[30] US (09/251,757) 1999-02-18

[21] **2,359,882**
[13] A1

[51] **Int.Cl. 7A23F 3/10**
[25] EN
[54] **COLD WATER INFUSING LEAF TEA**
[54] **THE EN FEUILLES INFUSANT DANS L'EAU FROIDE**
[72] THIRU, AMBALAVANAR, GB
[72] MITEI, JOSEPH KIPSIELE, KE
[72] JONES, TIMOTHY GRAHAM, GB
[72] PARRY, ANDREW DAVID, GB
[72] GOODSALL, CHRISTOPHER WILLIAM, GB
[72] SAFFORD, RICHARD, GB
[71] UNILEVER PLC, GB
[85] 2001-08-01
[86] 2000-02-08 (PCT/GB00/00359)
[87] 2000-08-17 (WO00/47057)
[30] GB (9902777.3) 1999-02-08

[21] **2,359,886**
[13] A1

[51] **Int.Cl. 7A61K 9/06 7A61M 31/00 7A61K 9/12 7A61K 31/77**
[25] EN
[54] **POLYNUCLEOTIDE COMPOSITIONS FOR INTRAMUSCULAR AND INTRADERMAL ADMINISTRATION**
[54] **COMPOSITIONS POLYNUCLEOTIDIQUES POUR ADMINISTRATION INTRAMUSCULAIRE ET INTRADERMIQUE**
[72] VINOGRADOV, SERGEY V., US
[72] ALAKHOV, VALERY Y., CA
[72] LEMIEUX, PIERRE M., CA
[72] KABANOV, ALEXANDER V., US
[71] SUPRATEK PHARMA, INC., CA
[85] 2001-07-06
[86] 2000-01-06 (PCT/US00/00309)
[87] 2000-08-17 (WO00/47186)
[30] US (09/227,364) 1999-01-08

[21] **2,359,889**
[13] A1

[51] **Int.Cl. 7G06N 3/12**
[25] EN
[54] **PROTEIN MODELING TOOLS**
[54] **OUTILS DE MODELISATION DE PROTEINES**
[72] SKOLNICK, JEFFREY, US
[72] KOLINSKI, ANDRZEJ, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2001-07-25
[86] 2000-01-27 (PCT/US00/02118)
[87] 2000-08-03 (WO00/45334)
[30] US (60/117,570) 1999-01-27
[30] US (60/118,844) 1999-02-05

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[21] **2,359,892**
[13] A1

[51] **Int.Cl. 7C07K 16/00 7A61K 38/00 7C07H 21/02 7A61K 39/21**
[25] EN
[54] **METHODS OF ELICITING BROADLY NEUTRALIZING ANTIBODIES TARGETING HIV-1 GP41**
[72] **TECHNIQUES D'ELICITATION D'ANTICORPS NEUTRALISANTS CIBLANT GP41 DU VIH-1**
[72] WEISS, CAROL D., US
[72] WILD, CARL T., US
[71] WEISS, CAROL D., US
[71] PANACOS PHARMACEUTICALS, INC., US
[85] 2001-07-06
[86] 2000-01-10 (PCT/US00/00456)
[87] 2000-07-13 (WO00/40616)
[30] US (60/115,404) 1999-01-08
[30] US (09/480,336) 2000-01-07

[21] **2,359,894**
[13] A1

[51] **Int.Cl. 7C04B 28/14 7C04B 24/10 7C04B 22/14 7C04B 24/38**
[25] EN
[54] **CALCINED GYPSUM HYDRATION ENHANCING ADDITIVES**
[54] **ADDITIFS AMELIORANT L'HYDRATATION DU GYPSE CALCINE**
[72] WITTBOLD, JAMES R., US
[72] IMMORDINO, SALVATORE C., US
[72] SHAKE, MICHAEL PATRICK, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2001-08-01
[86] 2000-10-13 (PCT/US00/28487)
[87] 2001-07-05 (WO01/47828)
[30] US (09/473,347) 1999-12-28

[21] **2,359,895**
[13] A1

[51] **Int.Cl. 7F42B 33/00**
[25] EN
[54] **METHOD AND APPARATUS FOR THE DESTRUCTION OF SUSPECTED TERRORIST WEAPONS BY DETONATION IN A CONTAINED ENVIRONMENT**
[54] **PROCEDE ET APPAREIL POUR DETRUIRE DES ARMES**
[72] DONOVAN, JOHN L., US
[71] DONOVAN, JOHN L., US
[85] 2001-07-27
[86] 2000-10-24 (PCT/US00/41549)
[87] 2001-07-05 (WO01/48437)
[30] US (09/457,976) 1999-12-09

[21] **2,359,901**
[13] A1

[51] **Int.Cl. 7G01N 35/10 7G01N 33/543**
[25] EN
[54] **BEAD DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE BILLES**
[72] VANN, CHARLES S., US
[72] LEHTO, DENNIS, US
[71] PE CORPORATION (NY), US
[85] 2001-08-03
[86] 2000-02-15 (PCT/US00/03890)
[87] 2000-08-24 (WO00/49382)
[30] US (09/250,697) 1999-02-16

[21] **2,359,928**
[13] A1

[51] **Int.Cl. 7G01N 33/50 7A61K 45/00 7A61K 48/00 7C12N 15/10 7G01N 33/15 7A61K 39/395 7A61K 31/557 7A61K 31/70**
[25] EN
[54] **PGT AND APOPTOSIS**
[54] **PGT ET APOPTOSE**
[72] AKIRA, TOSHIKI, JP
[72] NAKAMURA, NORIFUMI, JP
[72] HORIE, SATOSHI, JP
[72] HAYASHI, KAZUTAKA, JP
[72] KAWAMURA, TOORU, JP
[72] MARUYAMA, TOMOYUKI, JP
[71] WELFIDE CORPORATION, JP
[85] 2001-07-18
[86] 1999-12-02 (PCT/JP99/06766)
[87] 2000-06-15 (WO00/34778)
[30] JP (10/361884) 1998-12-04
[30] JP (10/375739) 1998-12-16

[21] **2,359,930**
[13] A1

[51] **Int.Cl. 7C01C 1/02**
[25] EN
[54] **AMMONIA RECOVERY**
[54] **RECUPERATION D'AMMONIAC**
[72] JOHNSON, GARY DONALD, AU
[72] ZHUANG, YAN, AU
[71] WESTERN MINERALS TECHNOLOGY PTY LTD., AU
[85] 2001-08-01
[86] 2000-01-12 (PCT/AU00/00014)
[87] 2000-07-20 (WO00/41967)
[30] AU (PP 8158) 1999-01-12
[30] AU (PQ 0314) 1999-05-12

[21] **2,359,931**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7A63F 5/00**
[25] EN
[54] **METHODS OF PAYING WINNING BETS**
[54] **PAIEMENT DES GAINS AUX JEUX DE HASARD**
[72] RUDD, CLARENCE ERNEST, AU
[71] RUDD, CLARENCE ERNEST, AU
[85] 2001-07-04
[86] 1999-12-06 (PCT/AU99/01098)
[87] 2000-06-15 (WO00/34903)
[30] AU (PP 7516) 1998-12-04
[30] AU (PP 9987) 1999-04-23

[21] **2,359,942**
[13] A1

[51] **Int.Cl. 7C07D 403/12 7C07D 249/12 7C07D 413/12 7A61P 25/16 7A61P 25/18 7A61P 25/24 7A61K 31/41**
[25] EN
[54] **TRIAZOLE COMPOUNDS WITH DOPAMINE-D3-RECEPTOR AFFINITY**
[54] **COMPOSES DE TRIAZOL PRESENTANT UNE AFFINITE POUR LE RECEPTEUR 3 DE LA DOPAMINE**
[72] STARCK, DOROTHEA, DE
[72] BLUMBACH, KAI, DE
[72] UNGER, LILIANE, DE
[72] NEUMANN-SCHULTZ, BARBARA, DE
[72] TREIBER, HANS-JORG, DE
[72] SCHOBEL, DIETMAR, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
[85] 2001-07-11
[86] 2000-01-12 (PCT/EP00/00175)
[87] 2000-07-20 (WO00/42038)
[30] DE (199 00 811.6) 1999-01-12

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[21] **2,359,948**
[13] A1

[51] **Int.Cl. 7C07D 403/06 7C07D 403/12 7C07D 403/14 7A61P 25/16 7A61P 25/18 7A61P 25/24 7A61K 31/41**

[25] EN
[54] **TRIAZOLE COMPOUNDS WITH DOPAMINE-D3-RECEPTOR AFFINITY**
[54] **COMPOSES DE TRIAZOL PRESENTANT UNE AFFINITE POUR LE RECEPTEUR 3 DE LA DOPAMINE**

[72] TREIBER, HANS-JORG, DE
[72] STARCK, DOROTHEA, DE
[72] SCHOBEL, DIETMAR, DE
[72] UNGER, LILIANE, DE
[72] BLUMBACH, KAI, DE
[72] NEUMANN-SCHULTZ, BARBARA, DE

[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2001-07-11
[86] 2000-01-12 (PCT/EP00/00176)
[87] 2000-07-20 (WO00/42037)
[30] DE (199 00 811.6) 1999-01-12

[21] **2,359,952**
[13] A1

[51] **Int.Cl. 7C07D 401/12 7C07D 401/06 7C07D 401/14 7C07D 409/14 7C07D 413/14 7C07D 417/14 7A61P 25/16 7A61P 25/18 7A61P 25/24 7A61K 31/41**

[25] EN
[54] **TRIAZOLE COMPOUNDS WITH DOPAMINE-D3-RECEPTOR AFFINITY**
[54] **COMPOSES DE TRIAZOL PRESENTANT UNE AFFINITE POUR LE RECEPTEUR 3 DE LA DOPAMINE**

[72] BLUMBACH, KAI, DE
[72] NEUMANN-SCHULTZ, BARBARA, DE

[72] SCHOBEL, DIETMAR, DE
[72] UNGER, LILIANE, DE
[72] STARCK, DOROTHEA, DE
[72] TREIBER, HANS-JORG, DE

[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2001-07-11
[86] 2000-01-12 (PCT/EP00/00177)
[87] 2000-07-20 (WO00/42036)
[30] DE (199 00 811.6) 1999-01-12

[21] **2,359,958**
[13] A1

[51] **Int.Cl. 7C07D 213/50 7C07D 213/52 7C07D 213/57**

[25] EN
[54] **1-(6- METHYLPYRIDINE- 3-YL)-2- -4- (METHYLSULFONYL) PHENYL| ETHANONE AND METHOD FOR ITS PREPARATION**

[54] **1-(6- METHYLPYRIDIN- 3-YL)-2- -4- (METHYLSULFONYL) PHENYL| ETHANONE ET SON PROCEDE DE PRODUCTION**

[72] ARMBRUSTER, ERICH, CH
[72] RODUIT, JEAN-PAUL, CH
[72] PROPESCH, RALF, CH
[72] KUO, DAVID, US
[72] LERESCHE, JAMES EDWARD, CH
[72] BESSARD, YVES, CH
[71] MERCK & CO., INC., US
[71] LONZA AG, CH

[85] 2001-07-12
[86] 2000-01-13 (PCT/EP00/00240)
[87] 2000-07-20 (WO00/42014)
[30] EP (99100590.1) 1999-01-14
[30] US (60/145,996) 1999-07-29

[21] **2,359,960**
[13] A1

[51] **Int.Cl. 7B01J 37/03 7C10G 49/04 7B01J 23/85 7B01J 23/888**

[25] EN
[54] **A NOVEL MIXED METAL CATALYST, ITS PREPARATION BY CO-PRECIPIATION, AND ITS USE**
[54] **NOUVEAU CATALYSEUR A BASE D'UN MELANGE DE METAUX, PREPARATION DE CE CATALYSEUR PAR COPRECIPIATION ET UTILISATION**

[72] OOGJEN, BOB GERARDUS, NL
[72] HOMAN FREE, HARMANNUS WILLEM, NL
[72] CERFONTAIN, MARINUS BRUCE, NL

[72] SOLED, STUART LEON, US
[72] EJSBOUTS, SONJA, NL
[72] RILEY, KENNETH LLOYD, US
[72] MISEO, SABATO, US

[71] AKZO NOBEL N.V., NL
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[86] 2000-01-13 (PCT/EP00/00354)
[87] 2000-07-20 (WO00/41811)
[30] EP (99200099.2) 1999-01-15
[30] US (09/231,125) 1999-01-15

[21] **2,359,967**
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61K 31/70**

[25] FR
[54] **PROCEDE POUR PREPARER UN AZA-MACROLIDE AVEC 4'' (R)- NH2**
[54] **METHOD FOR PREPARING AN AZA-MACROLIDE WITH 4'' (R) NH2**

[72] GUEVEL, RONAN, FR
[72] GAREL, LAURENT, FR
[72] LEON, PATRICK, FR
[72] LHERMITTE, FREDERIC, FR
[72] ODDON, GILLES, FR
[72] PAUZE, DENIS, FR
[71] MERIAL, FR

[85] 2001-07-11
[86] 2000-01-17 (PCT/FR00/00089)
[87] 2000-07-20 (WO00/42056)
[30] FR (99/00459) 1999-01-18

[21] **2,359,971**
[13] A1

[51] **Int.Cl. 7C12N 9/50**

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[54] **MODIFIED FORMS OF HEPATITIS C VIRUS NS3 PROTEASE**
[54] **FORMES MODIFIEES DE LA PROTEASE NS3 DU VIRUS DE L'HEPATITE C**

[72] ZHANG, YAQUN, US
[72] WEINHEIMER, STEVEN, US
[72] WITTEKIND, MICHAEL, US
[72] GOLDFARB, VALENTINA, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US

[85] 2001-07-06
[86] 2000-01-06 (PCT/US00/00345)
[87] 2000-07-13 (WO00/40707)
[30] US (60/115,271) 1999-01-08

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[21] **2,359,972**
[13] A1
[51] **Int.Cl. 7C04B 14/06 7C04B 20/10**
[25] EN
[54] **WELL CEMENTING METHODS AND COMPOSITIONS**
[54] **PROCEDES DE CIMENTATION DE PUITES ET COMPOSITION A CET EFFET**
[72] HEATHMAN, JAMES F., US
[72] SWEATMAN, RONALD E., US
[72] FITZGERALD, RUSSELL M., US
[72] REDDY, BAIREDDY R., US
[72] CROOK, RONALD J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2001-07-11
[86] 2000-01-05 (PCT/GB00/00023)
[87] 2000-07-20 (WO00/41981)
[30] US (09/229,245) 1999-01-12
[30] US (09/324,310) 1999-06-02

[21] **2,359,973**
[13] A1
[51] **Int.Cl. 6B63H 11/08 6B63H 11/04**
[25] EN
[54] **JET PROPULSION PUMP**
[54] **POMPE DE PROPULSION A EJECTEUR**
[72] ZWAAN, CRAIG, AU
[72] ZWANN, HENDRIK JOHANNES, AU
[71] ZWAAN, CRAIG, AU
[71] ZWANN, HENDRIK JOHANNES, AU
[85] 2001-07-06
[86] 1999-12-22 (PCT/AU99/01136)
[87] 2000-07-13 (WO00/40461)
[30] AU (PP 8047) 1999-01-07

[21] **2,359,979**
[13] A1
[51] **Int.Cl. 7B65D 41/34**
[25] EN
[54] **TAMPER-EVIDENT CLOSURE HAVING IMPROVED DRAINAGE**
[54] **DISPOSITIF DE FERMETURE INVIOLEABLE AVEC ECOULEMENT AMELIORE**
[72] DEUBEL, DONALD, US
[72] MUELLER, MANUEL J., US
[72] WAN, MIN MILES, US
[72] HIERZER, VALENTIN, US
[71] CROWN CORK & SEAL TECHNOLOGIES CORPORATION, US
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[86] 1999-12-22 (PCT/US99/30568)
[87] 2000-07-13 (WO00/40473)
[30] US (09/224,962) 1999-01-04

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[13] A1
[51] **Int.Cl. 7C07H 9/04 7A61K 31/70**
[25] EN
[54] **DERIVATIVES OF MONOSACCHARIDES AS CELL ADHESION INHIBITORS**
[54] **DERIVES DE MONOSACCHARIDES EN TANT QU'INHIBITEURS DE L'ADHESION CELLULAIRE**
[72] TANWAR, MADAN P., IN
[72] GUPTA, JANG BAHADUR, IN
[72] SHARMA, GEETA, IN
[72] ARORA, SUDERSHAN K., IN
[71] RANBAXY LABORATORIES LIMITED, IN
[85] 2001-07-12
[86] 2000-01-10 (PCT/IB00/00021)
[87] 2000-07-20 (WO00/42053)
[30] US (09/229,155) 1999-01-12
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[13] A1
[51] **Int.Cl. 7C07H 9/04 7A61K 31/70**
[25] EN
[54] **2,3-O-ISOPROPYLIDENE DERIVATIVES OF MONOSACCHARIDES AS CELL ADHESION INHIBITORS**
[54] **DERIVES 2,3-O-ISOPROPYLIDENE DE MONOSACCHARIDES INHIBANT L'ADHESION CELLULAIRE**
[72] JOSHI, VISHWAS D., IN
[72] GUPTA, JANG BAHADUR, IN
[72] KISHORE, NAWAL, IN
[72] ARORA, SUDERSHAN K., IN
[71] RANBAXY LABORATORIES LIMITED, IN
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[86] 2000-01-10 (PCT/IB00/00022)
[87] 2000-07-20 (WO00/42054)
[30] IN (86/DEL/99) 1999-01-15
[30] US (09/276,368) 1999-03-25

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[13] A1
[51] **Int.Cl. 7C07D 265/24 7C07D 221/00 7C07D 265/00 7C07D 498/04 7A61P 3/04 7C07D 413/12 7A61K 31/536**
[25] EN
[54] **2-AMINO-BENZOXAZINONE DERIVATIVES FOR THE TREATMENT OF OBESITY**
[54] **2-OXY-4H-3,1-BENZOXAZINE-4-ONES DESTINEES AU TRAITEMENT DE L'OBESITE**
[72] HODSON, HAROLD FRANCIS, GB
[72] PALMER, RICHARD MICHAEL JOHN, GB
[72] MITCHELL, TIMOTHY JOHN, GB
[72] DOWNHAM, ROBERT, GB
[72] CARR, BEVERLEY JANE, GB
[72] DUNK, CHRISTOPHER ROBERT, GB
[71] ALIZYME THERAPEUTICS LIMITED, GB
[85] 2001-07-06
[86] 2000-01-06 (PCT/GB00/00031)
[87] 2000-07-13 (WO00/40569)
[30] GB (9900416.0) 1999-01-08

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[13] A1
[51] **Int.Cl. 7C07D 295/06 7A61P 25/00 7C07D 295/02 7C07D 295/12 7A61K 31/495**
[25] EN
[54] **1-PHENYL-4-(1--2-ARYL)CYCLOPROPYL METHYLPIPERAZINES: DOPAMINE RECEPTOR LIGANDS**
[54] **1-PHENYL-4-(1--2-ARYL)CYCLOPROPYL METHYLPIPERAZINES: LIGANDS DE RECEPTEURS DE LA DOPAMINE**
[72] TRAN, JENNIFER, US
[72] THURKAUF, ANDREW, US
[72] ZHANG, XIAOYAN, US
[72] ZHAO, HE, US
[71] NEUROGEN CORPORATION, US
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[51] **Int.Cl. 7C07D 491/22 7A61P 25/00 7A61K 31/439**
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[54] **NOUVELLES ARALKYLAMINES DE SPIROFUOPYRIDINES UTILES EN THERAPIE**
[72] PHILLIPS, EIFION, US
[72] MULLEN, GEORGE, US
[72] LOCH, JAMES III, US
[71] ASTRAZENECA AB, SE
[85] 2001-07-11
[86] 1999-12-23 (PCT/SE99/02478)
[87] 2000-07-20 (WO00/42044)
[30] SE (9900100-0) 1999-01-15

[21] **2,359,995**
[13] A1

[51] **Int.Cl. 7B60R 19/03**
[25] EN
[54] **LAMINATE REINFORCED BEAM WITH TAPERED POLYMER LAYER**
[54] **POUTRE RENFORCEE PAR UN STRATIFIE, DOTE E D'UNE COUCHE DE POLYMERE CONIQUE**
[72] WYCECH, JOSEPH, US
[71] HENKEL CORPORATION, US
[85] 2001-07-11
[86] 2000-01-03 (PCT/US00/00010)
[87] 2000-07-20 (WO00/41916)
[30] US (09/228,490) 1999-01-11

[21] **2,359,999**
[13] A1

[51] **Int.Cl. 7B32B 5/02 7D04H 13/00 7B27N 9/00 7B32B 9/04 7B32B 27/04 7B32B 27/12 7B32B 5/16**
[25] EN
[54] **LAYERED REFLECTING AND PHOTOLUMINOUS FIRE RESISTANT MATERIAL**
[54] **MATERIAU EN COUCHES REFLECHISSANT, PHOTOLUMINESCENT ET IGNIFUGE**
[72] MARSH, BRYAN DAVID, US
[71] OMNIGLOW CORPORATION, US
[85] 2001-07-11
[86] 2000-01-04 (PCT/US00/00147)
[87] 2000-07-20 (WO00/41879)
[30] US (09/229,009) 1999-01-12

[21] **2,360,000**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **TARGET MOLECULE ATTACHMENT TO SURFACES**
[54] **FIXATION DE MOLECULES CIBLES A DES SURFACES**
[72] CHAPPA, RALPH A., US
[72] SWANSON, MELVIN J., US
[72] GUIRE, PATRICK E., US
[72] SWAN, DALE G., US
[72] HU, SHEAU-PING, US
[71] SURMODICS, INC., US
[85] 2001-07-06
[86] 2000-01-10 (PCT/US00/00535)
[87] 2000-07-13 (WO00/40593)
[30] US (09/227,913) 1999-01-08

[21] **2,360,003**
[13] A1

[51] **Int.Cl. 7C07D 471/06 7C07D 209/00 7C07D 221/00 7C07D 223/00 7C07D 243/00 7C07D 487/00 7C07D 519/00 7A61P 35/00 7C07D 487/06 7A61K 31/4375 7A61K 31/55 7A61K 31/551**
[25] EN
[54] **TRICYCLIC INHIBITORS OF POLY(ADP-RIBOSE) POLYMERASES**
[54] **INHIBITEURS TRICYCLIQUES DE POLY(ADP-RIBOSE) POLYMERASES**
[72] THORESEN, LARS HENRIK, US
[72] TIKHE, JAYASHREE, US
[72] CANAN-KOCH, STACIE S., US
[72] WEBBER, STEPHEN EVAN, US
[71] AGOURON PHARMACEUTICALS, INC., US
[71] CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED, GB
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[86] 2000-01-10 (PCT/US00/00411)
[87] 2000-07-20 (WO00/42040)
[30] US (60/115,431) 1999-01-11

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[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7C12N 15/10 7C12N 15/62 7C12Q 1/68**
[25] EN
[54] **IMPROVED NUCLEIC ACID CLONING**
[54] **LIGATURE PERFECTIONNEE D'ACIDES NUCLEIQUES**
[72] JARRELL, KEVIN A., US
[72] DONAHUE, WILLIAM, US
[72] COLJEE, VINCENT W., US
[72] MIKHEEVA, SVETLANA, US
[71] TRUSTEES OF BOSTON UNIVERSITY, US
[85] 2001-07-04
[86] 2000-01-05 (PCT/US00/00189)
[87] 2000-07-13 (WO00/40715)
[30] US (09/225,990) 1999-01-05
[30] US (60/114,909) 1999-01-05

[21] **2,360,006**
[13] A1

[51] **Int.Cl. 7C08K 3/00 7C08K 5/00**
[25] EN
[54] **POLYMERIC MATERIAL WITH ANTISTATIC PROPERTIES AND METHOD FOR OBTAINING IT**
[54] **CORPS POLYMERE PRESENTANT DES PROPRIETES ANTISTATIQUES ET SON PROCEDE D'OBTENTION**
[72] VALERI, GUALTIERO, IT
[72] DI NOTO, VITO, IT
[71] ALBERTINI, RENZO, IT
[71] ARTUSO, ARMANDO, IT
[71] CRYVET S.R.L., IT
[71] BOMBARDINI, DOMENICO, IT
[85] 2001-07-06
[86] 2000-01-05 (PCT/IT00/00005)
[87] 2000-07-13 (WO00/40647)
[30] IT (FE99A000001) 1999-01-07

[21] **2,360,010**
[13] A1

[51] **Int.Cl. 7B32B 27/08 7B32B 23/08 7B32B 27/10 7B32B 27/42**
[25] EN
[54] **ABRASION RESISTANT LAMINATE AND PROCESS FOR PRODUCING SAME**
[54] **LAMINE RESISTANT A L'ABRASION ET PROCEDE DE FABRICATION**
[72] KARAM, FOUAD TORKUM, US
[71] PANOLAM INDUSTRIES, US
[85] 2001-07-12
[86] 2000-01-12 (PCT/US00/00714)
[87] 2000-07-20 (WO00/41883)
[30] US (09/231,105) 1999-01-14

[21] **2,360,011**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7C12N 15/10 7C12N 15/62 7C12Q 1/68**
[25] EN
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[54] **LIGATURE PERFECTIONNEE D'ACIDES NUCLEIQUES**
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[72] DONAHUE, WILLIAM, US
[72] COLJEE, VINCENT W., US
[72] MIKHEEVA, SVETLANA, US
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[30] US (09/225,990) 1999-01-05
[30] US (60/114,909) 1999-01-05

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[21] **2,360,022**
[13] A1

[51] **Int.Cl. 7C12Q 1/37 7C12N 1/21 7C12N 15/63**
[25] EN
[54] **PROKARYOTIC SYSTEM DESIGNED TO MONITOR PROTEASE ACTIVITY**
[54] **SYSTEME PROCARYOTE CONCU POUR SURVEILLER UNE ACTIVITE PROTEASE**
[72] PATEL, PRAMATHESH, US
[72] LACH, DAVID, US
[72] WITTEKIND, MICHAEL, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2001-07-06
[86] 2000-01-06 (PCT/US00/00308)
[87] 2000-07-13 (WO00/40745)
[30] US (60/115,270) 1999-01-08

[21] **2,360,026**
[13] A1

[51] **Int.Cl. 7C07D 249/12 7A01N 47/38**
[25] EN
[54] **TRIAZOLE SULFONES HAVING HERBICIDAL ACTIVITY**
[54] **SULFONE DE TRIAZOLE POSSEDANT UNE ACTIVITE HERBICIDE**
[72] MAHONEY, MARTIN D., US
[72] HEGDE, SHRIDHAR G., US
[71] MONSANTO COMPANY, US
[85] 2001-07-06
[86] 2000-01-13 (PCT/US00/00863)
[87] 2000-07-20 (WO00/42028)
[30] US (60/116,142) 1999-01-14

[21] **2,360,035**
[13] A1

[51] **Int.Cl. 6C07C 29/16**
[25] EN
[54] **IMPROVED PROCESS FOR PREPARING ALCOHOLS BY THE OXO PROCESS**
[54] **METHODE AMELIOREE DE PREPARATION D'ALCOOLS PAR SYNTHESE OXO**
[72] RILEY, KEN L., US
[72] VARGAS, JOSE M., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2001-07-11
[86] 2000-01-14 (PCT/US00/00977)
[87] 2000-07-20 (WO00/41988)
[30] US (09/231,156) 1999-01-15

[21] **2,360,054**
[13] A1

[51] **Int.Cl. 6C07F 5/00 6C07D 225/00 6C07D 255/02**
[25] EN
[54] **A REAGENT SYSTEM AND METHOD FOR INCREASING THE LUMINESCENCE OF LANTHANIDE(III) MACROCYCLIC COMPLEXES**
[54] **SYSTEME REACTIF ET PROCEDE D'AUGMENTATION DE LA LUMINESCENCE DE COMPLEXES MACROCYCLIQUES LANTHANIDIQUES (III)**
[72] LEIF, ROBERT C., US
[72] VALLARINO, LIDIA, US
[71] LEIF, ROBERT C., US
[71] VALLARINO, LIDIA, US
[85] 2001-07-18
[86] 2000-01-18 (PCT/US00/01211)
[87] 2000-07-20 (WO00/42048)
[30] US (60/116,316) 1999-01-19
[30] US () 2000-01-18

[21] **2,360,060**
[13] A1

[51] **Int.Cl. 7C07J 9/00 7C07J 41/00**
[25] EN
[54] **STEROID DERIVED ANTIBIOTICS**
[54] **ANTIBIOTIQUES DERIVES DE STEROIDES**
[72] SAVAGE, PAUL B., US
[72] LI, CHUNHONG, US
[71] BRIGHAM YOUNG UNIVERSITY, US
[85] 2001-07-17
[86] 2000-01-19 (PCT/US00/01314)
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[30] US (09/234,008) 1999-01-19

[21] **2,360,063**
[13] A1

[51] **Int.Cl. 6B65D 19/12 6B65D 19/16 6B65D 19/38**
[25] EN
[54] **VARIABLE-CONFIGURATION PALLET OF MODULAR CONSTRUCTION**
[54] **PALETTE A CONFIGURATION VARIABLE ET A STRUCTURE MODULAIRE**
[72] HERRING, MORRIS A., US
[71] ECOPLASTIC PALLETS, INC., US
[85] 2001-07-11
[86] 1999-01-12 (PCT/US99/00585)
[87] 2000-07-20 (WO00/41940)

[21] **2,360,069**
[13] A1

[51] **Int.Cl. 7C07H 23/00 7C07H 5/04 7C07H 7/04 7C07H 9/04 7C07H 7/06 7C07H 5/10 7C07H 15/207**
[25] EN
[54] **PROTECTING GROUPS FOR CARBOHYDRATE SYNTHESIS**
[54] **GROUPES PROTECTEURS POUR LA SYNTHESE DE GLUCIDES**
[72] PAPAGEORGIOU, JOHN, AU
[72] DEKANY, GYULA, AU
[72] BORNAGHI, LAURENT FRANCOIS, AU
[71] ALCHEMIA PTY. LTD., AU
[85] 2001-07-17
[86] 2000-01-18 (PCT/AU00/00025)
[87] 2000-07-20 (WO00/42057)
[30] AU (PP 8230) 1999-01-18

[21] **2,360,071**
[13] A1

[51] **Int.Cl. 7B65D 25/24 7B65D 27/00 7B65D 69/00 7B65D 71/00 7B65D 27/08 7B65D 85/30 7B65D 5/52 7B65D 85/57 7B65D 85/575**
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[54] **COMPACT DISC CONTAINER**
[54] **BOITIER POUR DISQUE COMPACT**
[72] SANDERS, JACARANDA A., US
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[85] 2001-06-18
[86] 1999-12-17 (PCT/US99/30261)
[87] 2000-06-22 (WO00/35765)
[30] US (09/215,049) 1998-12-17
[30] US (09/215,049(CIP)) 1998-12-17

[21] **2,360,072**
[13] A1

[51] **Int.Cl. 7H05B 3/34**
[25] EN
[54] **SELF REGULATING SEAT HEATER**
[54] **CHAUFFAGE AUTOREGLABLE POUR SIEGES**
[72] SURJAN, JAMES, US
[72] BULGAJEWSKI, EDWARD, US
[72] VARMA, TILAK R., US
[72] KISH, FRED A. (deceased), ZZ
[71] ILLINOIS TOOL WORKS INC., US
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[30] US (60/117,144) 1999-01-25

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[13] A1
[51] Int.Cl. 7H04Q 7/20 7G06F 13/42
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[25] EN
[54] SYSTEM AND METHOD FOR
PUSHING INFORMATION FROM A
HOST SYSTEM TO A MOBILE DATA
COMMUNICATION DEVICE
[54] SYSTEME ET METHODE
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[72] MOUSSEAU, GARY P., CA
[72] LAZARIDIS, MIHAL, CA
[71] RESEARCH IN MOTION LIMITED,
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[62] 2,245,157
[30] US (09/087,623) 1998-05-29

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[13] A1
[51] Int.Cl. 7C08F 4/42 7C07F 11/00
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[54] OLIGOMERIZATION CATALYST
PRECURSOR
[54] PRECURSEUR DE CATALYSEUR
D'OLIGOMERISATION
[72] LAW, DAVID JOHN, CA
[72] CAVELL, RONALD GEORGE, CA
[72] SANGER, ALAN RODNEY, CA
[72] SOMOGYVARI, ARPAD F., CA
[72] CREED, BETH LORRAINE, CA
[72] NICOLA, ANTONIO PIETRO, CA
[71] THE GOVERNORS OF THE
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[43] 1996-11-24
[62] 2,177,008
[30] US (08/447,887) 1995-05-23

[21] **2,358,076**
[13] A1
[51] Int.Cl. 7A61K 9/70 7A61K 45/06
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[25] EN
[54] TOPICAL PATCH FOR
LIPOSOMAL DRUG DELIVERY
SYSTEM
[54] TIMBRE TOPIQUE POUR
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MEDICAMENT LIPOSOMAL
[72] FOLDVARI, MARIANNA, CA
[71] PHARMADERM LABORATORIES,
LTD., CA
[22] 1993-05-27
[43] 1993-12-02
[62] 2,097,163
[30] US (07/891,594) 1992-06-01

[21] **2,358,077**
[13] A1
[51] Int.Cl. 7B61F 5/50
[25] EN
[54] RAILWAY TRUCK CASTINGS
AND METHOD AND CORES FOR
MAKING CASTINGS
[54] PIECES COULEES DE BOGIE DE
WAGON ET METHODE ET NOYAUX
DE FABRICATION DE PIECES
COULEES
[72] TOUSSAINT, BRIAN A., US
[72] EVERS, RONALD R., US
[72] CALLAHAN, THOMAS R., US
[72] BAUER, ANTHONY J., US
[72] MOEHLING, CHARLES, US
[71] AMSTED INDUSTRIES
INCORPORATED, US
[22] 1998-01-05
[43] 1998-07-08
[62] 2,223,575
[30] US (08/780,546) 1997-01-08

[21] **2,358,161**
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[51] Int.Cl. 7C12N 15/82 7A01H 5/00
7A01N 65/00 7C12N 5/04 7A01H 5/10
7C12N 5/10 7C12N 15/29
[25] EN
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[72] FALLIS, LYNN, US
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[72] CZAPLA, THOMAS H., US
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[22] 1998-05-15
[43] 1998-12-03
[62] 2,290,776
[30] US (60/047,864) 1997-05-29
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 [25] EN
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 [72] DOLL, DONALD J., US
 [72] REMISZEWSKI, STACY W., US
 [72] TAVERAS, ARTHUR G., US
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 [72] NJOROGUE, F. GEORGE, US
 [71] SCHERING CORPORATION, US
 [22] 1996-12-19
 [43] 1997-07-03
 [62] 2,240,846
 [30] US (08/577,951) 1995-12-22
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 [13] A1
 [51] **Int.Cl. 7C07D 239/47 7C07D 217/02 7C07D 401/04 7C07D 239/42**
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 [54] **4-SUBSTITUTED-2-(4-FLUOROPHENYLAMINO)-5,6 DIMETHYLPYRIMIDINE**
 [54] **4-SUBSTITUE-2-(4-FLUOROPHENYLAMINO)-5,6 DIMETHYLPYRIMIDINE**
 [72] LEE, YOUNG NAM, KR
 [72] HONG, YOU WHA, KR
 [72] KIM, HONG BAE, KR
 [71] YUHAN CORPORATION, KR
 [22] 1997-04-30
 [43] 1997-11-13
 [62] 2,253,906
 [30] KR (1996/14538) 1996-05-04
 [30] KR (1996/14539) 1996-05-04
 [30] KR (1996/49380) 1996-10-29
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 [25] EN
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 [72] BAUCH, AARON M., US
 [72] GRAVES, BRADFORD T., US
 [72] STROMME, LARS L., US
 [71] CUMMINS-ALLISON CORP., US
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 [72] MANN, MICHAEL BENJAMIN, US
 [71] AMGEN INC., US
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 [43] 1997-05-29
 [62] 2,236,163
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 [13] A1
 [51] **Int.Cl. 7C07D 501/59 7A61P 31/04 7A61K 31/545**
 [25] EN
 [54] **INTERMEDIATE COMPOUNDS OF THIOALKYLTHIO CEPHALOSPORIN DERIVATIVES**
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 [72] KUME, MASAHARU, JP
 [71] SHIONOGI & CO., LTD., JP
 [22] 1991-07-18
 [43] 1992-01-20
 [62] 2,047,347
 [30] JP (191889/1990) 1990-07-19
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 [13] A1
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 [72] SAITO, FUJIO, JP
 [72] MAKINO, MITSUKO, JP
 [72] OHHATA, YASUO, JP
 [72] TABATA, KEIICHI, JP
 [72] YORIKANE, RYOSUKE, JP
 [72] FUKUDA, NORIO, JP
 [72] MIYAKE, SHIGEKI, JP
 [71] SANKYO COMPANY LIMITED, JP
 [22] 1996-03-01
 [43] 1996-09-06
 [62] 2,214,386
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[71] TEC VENTURES, INC., US

[22] 1995-05-10

[43] 1995-12-07

[62] 2,168,455

[30] US (08/250,926) 1994-05-31

[21] **2,359,307**

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[54] **PROTEINE DE LA MEMBRANE
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[72] CHONG, PELE, CA

[72] FAHIM, RAAFAT, CA

[72] TAN, LARRY, CA

[72] KLEIN, MICHEL, CA

[72] VOSE, JOHN, FR

[71] AVENTIS PASTEUR LIMITED, CA

[22] 1991-04-03

[43] 1991-10-05

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OF MEDICINE	2,203,295	VAN ZANTEN, Albertus	2,254,859	WOLD, Richard G.	2,233,008
THE MEAD CORPORATION	2,243,346	VARGA, Brian Daniel	2,231,944	Wrighton, Mark S.	2,037,014
THE MINNESOTA MINING &		Vatt, Gregory Barton	2,092,744	Wun, Tze-Chein	2,049,873
MANUFACTURING		Verduijn, Johannes P.	2,137,071	Wurzer, Jeffrey D.	2,194,721
COMPANY	2,224,857	Vernay, Jacques	2,038,078	XEROX CORPORATION	2,249,098
THE PROCTER & GAMBLE		Viemeister, Tucker	2,045,918	YAFFE, JOHN	2,284,248
COMPANY	2,217,953	Viemeister, Tucker	2,045,958	YAFFE, JOHN	2,284,250
THE PROCTER & GAMBLE		Viemeister, Tucker	2,046,422	YAKSH, Tony L.	2,229,814
COMPANY	2,219,047	Viemeister, Tucker	2,046,425	Yakurigaku Chuo Kenkyusho	2,124,763
THE PROCTER & GAMBLE		Viscofan, Industria Navarra De		YAMADA, Daisuke	2,238,358
COMPANY	2,226,343	Envolturas Celulosicas, S.A.		YAMADA, Yoshihiko	2,241,025
THE PROCTER & GAMBLE			2,186,714	Yamaguchi, Hisao	2,159,037
COMPANY	2,231,440	Vitaris, Ronald F.	2,044,768	YAMAHA HATSUDOKI	
THE PROCTER & GAMBLE		Vivus, Inc.	2,040,914	KABUSHIKI KAISHA	2,251,769
COMPANY	2,249,589	Vogelsang, Horst	2,043,084	YAMAMOTO, Akinori	2,241,131
THE STERO COMPANY	2,202,069	VOSER, Dieter	2,231,097	Yamamoto, Yoshiyuki	2,022,837
THE UNIVERSITY OF TOKYO		Vuong, Bao	2,155,260	Yamashita, Kazuo	2,158,809
	2,238,668	WAESPE, Stephan	2,212,184	Yanagawa, Hisaharu	2,058,309
Thein, Peter	2,053,829	WAGNER, Daniel G.	2,202,818	YANAGISAWA, Masashi	2,218,452
Thermtech A/S	2,199,733	Wahl Clipper Corporation	2,313,432	Yngve, Paul Wesley	2,108,156
THOMAS, JOHN SCOTT	2,216,900	Wahl Clipper Corporation	2,313,433	YOKOYAMA, Hiroaki	2,249,050
Thomason, Michael M.	2,157,757	WAHL, Errol Hoffamn	2,249,589	YOKOYAMA, Tatsuaki	2,266,793
Thompson, Ronald J.	2,021,384	WAHL, GREGORY S.	2,313,432	YORIKANE, Ryosuke	2,214,386
Thomsen, Tamara	2,045,918	WAHL, GREGORY S.	2,313,433	YOSHIDA, SATOSHI	2,283,171
Thomsen, Tamara	2,045,958	WAITE, PETER D.	2,221,194	Yoshizawa, Hideo	2,017,174
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Thomsen, Tamara	2,046,425	Wang, Jui-Shang	2,072,437	Zurn Industries, Inc.	2,193,760
THOMSON-CSF	2,042,579	Wang, Jui-Shang	2,151,998	Zwarts, Johan Martin Carol	2,075,409
THOMSON-CSF	2,080,572	Wang, Jui-Shang	2,154,149		

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ALBERTA RESEARCH COUNCIL	2,308,502	BERCHTOLD, ANDREAS	2,347,070	CHANG, CARL	2,313,832
ALCATEL	2,346,317	BERGE, J. ERIC	2,347,465	CHANG, CHE-YUAN	2,308,517
ALDATA SOLUTION OYJ	2,344,749	BERGER, HARVEY L.	2,347,548	CHAPMAN, JOHN A.	2,308,605
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ALLNET SECOM CORP.	2,308,161	BERTRAND, MIKE M.	2,309,812	CHATTERJI, JITEN	2,347,348
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ANDERSON, PERRY	2,348,045	BLUMENSTRAUCH, ETHAN	2,347,464	CHEN, YIHONG	2,344,115
ANDERSON, RAY	2,309,023	BOBST S.A.	2,347,307	CHIHARA, HIROSHI	2,345,929
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ANDRITZ-AHLSTROM INC.	2,345,762	BOBST S.A.	2,347,445	CHRISTENSEN, TIMOTHY FRANKLIN	2,343,859
ANDRITZ-AHLSTROM OY	2,347,454	BOBST S.A.	2,347,477	CHRYSTALL, KEITH G.	2,308,502
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ARIES INDUSTRIES INCORPORATED	2,309,018	BOBST S.A.	2,347,609	COCHRANE, LARRY	2,344,932
ART DESIGN INTERNATIONAL INC.	2,342,266	BOBST SA	2,345,880	COLLINS, RICHARD J.	2,308,699
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ASCHENBRENNER, JEAN MARGARET	2,346,761	BOGAN, DECLAN	2,347,566	CONSOLIDATED PAPERS, INC.	2,308,685
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BABB, LARRY F.	2,325,510	BOOTH, ANDREW	2,347,407	COREY, PAUL F.	2,334,827
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BALLET, BRUCE	2,347,285	BOUTET, CHRISTIAN	2,348,088	CTI-COMTEL INC.	2,308,516
BALSA, MANUEL	2,308,679	BOVINO, PASQUAL	2,309,084	DAUER, HORST	2,347,972
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BANG, JUNG-SIK	2,347,332	BRANTFORD CHEMICALS INC.	2,308,559	DE DOMPIERRE, JEAN-BERNARD	2,347,445
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BATES, CARY LEE	2,337,781	BRETEAU, SYLVAIN	2,346,273	DEERE & COMPANY	2,342,551
BAUMANN, ROBERT	2,345,880	BRIOSCHI, ROBERTO	2,347,510	DEERE & COMPANY	2,343,859
BAYER AKTIENGESELLSCHAFT	2,346,746	BRISEBOIS, HENRI	2,347,288	DEERE & COMPANY	2,347,563
BAYER AKTIENGESELLSCHAFT	2,347,334	BRISEBOIS, HENRI	2,347,468	DEERE & COMPANY	2,347,565
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BAYER CORPORATION	2,334,827	BUNTIN, DAVID	2,308,808	DEN HOED, ANGELA	2,348,095
BAYER CORPORATION	2,346,444	BURKE, ROY DAVID	2,308,839	DENDA, MITSUHIRO	2,329,691
BAYER INC.	2,308,675	CAIROLI, JOSEPH	2,347,504	DERMLER, GABRIEL	2,346,760
BAYER INC.	2,308,876	CALAME, FABRICE	2,345,880	DIAZ, ANTONIO A.	2,346,444
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BECH-HANSEN, N. TORBEN	2,345,915	CALVIN, OLIN W.	2,347,392	DIGITAL GUARD CORPORATION	2,346,224
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		CANUEL, LOUIS	2,347,312	DOCTOROW, CORY EFRAM	2,311,857
		CAO, TUAN Q.	2,347,323	DOLKER GERHARD	2,346,741
		CAO, TUAN Q.	2,347,323	DONALDSON COMPANY, INC.	2,308,689
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		CARDNO, GARY M.	2,346,513		
		CASSIDY, RONALD			
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EVANS, SUSAN	2,346,545	SERVICES, INC.	2,347,348	CONSEILS (I.S.E.R.C.O.)	2,308,666
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	2,347,586	HANDA KIKAIKIGU CO.,		CORPORATION	2,337,781
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FARDIN, RAHIM	2,340,976	HANES, MARK	2,347,464	CORPORATION	2,346,760
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KUZNETSOV, STEPHEN B.	2,308,043	MAN ROLAND		INVESTMENT HOLDING	
L'AIR LIQUIDE, SOCIETE		DRUCKMASCHINEN AG	2,347,972	CORPORATION	2,347,504
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L'ETUDE ET		MANDEL, ARKADY	2,308,105	NEC CORPORATION	2,347,217
L'EXPLOITATION DES		MANHA, RAMESH	2,308,564	NEC CORPORATION	2,347,446
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