

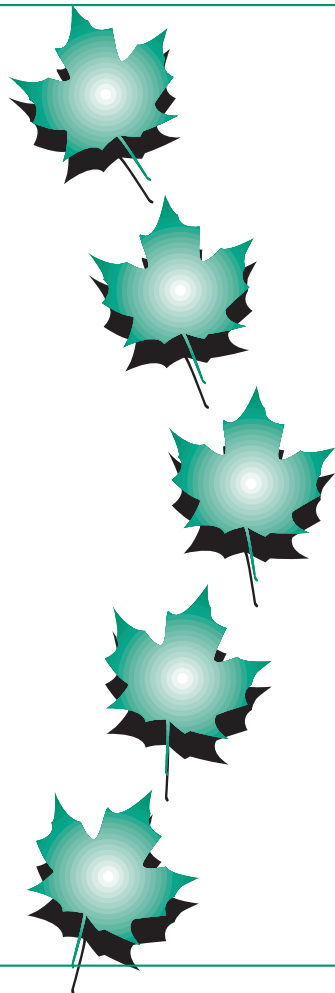


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du Canada**

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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Canada



THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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

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

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Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'au 31 mars, 2000, après quoi des frais s'appliqueront.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

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

Avis

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

Dates

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

Chiffres de code

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

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

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

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

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

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

2. Country Code

A complete list of country codes has been published in the issue of October 26, 1999 and will be published twice a year in the last issues of April and October.

3. Canadian Class Titles

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

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

4. Class Schedules and Definitions

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

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

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

A) Paper Copies

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

2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 26 octobre 1999 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

3. Liste des classes canadiennes

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

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

4. Listes et définitions des classes

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

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

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

A) Copies sur papier

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Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

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

E-mail: tic@micromedia.on.ca

B) Microform Copies

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

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

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

6. Orders for Patents By Class or Sub-Class

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

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

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

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

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Courriel: tic@micromedia.on.ca

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

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

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

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E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

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

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

7. Advice on Making a Patent Application

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

7. Conseils relatifs à la préparation de demandes de brevets

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

8. Licensing of Patents

Voluntary Licences

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

8. Octroi de licences en vertu des brevets

Licences librement accordées

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

Compulsory Licences

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

Licences obligatoires

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

9. Patents Available for Licence or Sale

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

9. Brevets disponibles pour licence ou vente

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

Notices

10. List of Patents Available for Licence or Sale

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

2,035,668	2,039,640	2,077,272	2,143,488
2,146,171	2,148,459	2,156,539	2,156,540
2,179,394	2,226,597		

11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,139,500 which issued on January 11, 1983 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

12. Laid-Open Applications

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

13. Language of Published Documents

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

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

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

2,035,668	2,039,640	2,077,272	2,143,488
2,146,171	2,148,459	2,156,539	2,156,540
2,179,349	2,226,597		

11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 11 janvier 1983 sont maintenant expirés, jusque et y compris le no. 1,139,500. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

12. Demandes mises à la disponibilité du public

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

13. Langue du document publié

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

Avis

14. Patent Cooperation Treaty (PCT)

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

**SCHEDULE OF FEES APPLICABLE
AS OF JANUARY 01, 2000**

**BARÈME DE TAXES À PARTIR DU
1 JANVIER 2000**

FEES	AMOUNTS
	\$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee: (Rule 15.2(a))	630.00
Amount for each additional sheet over 30	15.00

3. **Designation Fee:** (Rule 15.2(a)) 136.00
The maximum that can be charged for the Designation Fee is \$1,088.00; therefore, if more than 10 countries are designated the fee remains \$1,088.00

4. **International Search Fee** 1,450.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

Preliminary Examination

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

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

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

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

TAXES	MONTANTS
	\$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base: (Règle 15.2(a))	630,00
Montant pour chaque feuille au delà de 30	15,00

3. **Taxe de désignation** (par pays) (Règle 15.2(a)) 136,00
Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 088,00 \$.

4. **Taxe de recherche internationale** 1 450,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

Examen préliminaire

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

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

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

*Les frais seront réduits par 194.00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

Notices

15. PCT Notices

PCT Signature Requirements

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

Patent Cooperation Treaty (PCT)

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

16. Filing requirements with attached CD-R

Under Section 8.1(1) of the Patent Act, the Canadian Patent Office will accept parts of very large applications on CD-R **in duplicate**. Very large applications are any application which exceeds 1000 pages. Filing date requirements prescribed in Section 93 of the rules still remain. Parts of the application, for example, the instruction letter at filing, the petition, the abstract and any assignment documents must still be submitted on paper.

The CD-R must contain a table of contents and the specific file(s) must be in TIFF format as defined below. The part(s) of the application must be logically broken down in files which are no larger than 250 pages.

For all amendments of parts of an application which were filed on CD-R, the office requires these amendments on CD-R **in duplicate** to be included with the amendment letter and the CD-

15. Avis PCT

Exigences des signatures du PCT

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

Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement.

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

16. Exigences de dépôt avec un CD-R attaché

Le Bureau canadien des brevets acceptera des parties demandes de brevet très volumineuses sous la forme de CD-R **en duplicata**, sous l'autorité du paragraphe 8.1 (1) de la Loi sur les brevets. Les demandes très volumineuses sont toute demande qui dépasse 1000 pages. Les exigences pour obtenir la date de dépôt d'une demande prévus à l'article 93 des Règles sur les brevets sont toujours en vigueur. Certaines parties de la demande, par exemple, la lettre d'instruction au moment du dépôt, la pétition, le précis et tout document d'une cession, doivent être déposées sous forme papier.

Le CD-R devra comporter une table des matières et les fichiers visés devront être en format TIFF, tel que défini plus bas. La ou les partie(s) de la demande doit (doivent) être divisée(s) en fichiers qui ne dépassent pas 250 pages et en ordre logique.

Pour toute modification de parties d'une demande qui a été déposée sur CD-R, le bureau exige d'inclure cette modification sous forme CD-R **en duplicata** avec la lettre de modification et le CD-R devra contenir une copie révisée de demande entière

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R must include a revised copy of the entire application with instructions in the letter describing the changes that were made.

Under Rule 131 of the regulations, the Canadian Patent Office will accept CD-R format. This CD-R must be separate from any CD-R which may be filed containing parts of the application itself. The ASCII file on the CD-R may and preferably so, be broken down into logical parts (sequences) so that the size of any file is more easily handled by the Office. A table of contents which describes each part is required on the CD-R being submitted.

TIFF Format:

The Canadian Patent Office has chosen the TIFF CCITT Group 4, multi-page format as the acceptable format for graphic images. This format has been chosen primarily because of its current popular usage within the Global Intellectual Property sphere. The United States Patent and Trademarks Office, the World Intellectual Property Office and the European Patent Office are among several Intellectual Property Offices around the world that utilize the TIFF graphic image format.

The Group 4 standard utilizes compression techniques in order to save on storage space.

In order to ensure that a high graphic resolution is achieved, the images should be scanned /stored at 300 DPI resolution in Black and White. This will minimize file size while maintaining clarity.

The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

To summarize, the graphic images should be TIFF CCITT Group 4, multi-page, 300 DPI, Black & White, and 8 1/2" by 11" or A4.

Legend:

TIFF is an acronym for Tag(ged) Image File Format

CCITT Group 4 refers to a universal compression standard for TIFF images.

The TIFF Multi-Page format allows several scanned pages to reside in the same TIFF file.

300DPI refers to the Dots Per Inch resolution.

CITT is the International Telegraph and Telephone Consultative Committee Geneva.

avec les instructions dans la lettre décrivant les changements qui ont été effectués.

Le bureau canadien des brevets acceptera le format CD-R sous l'autorité de l'article 131 des Règles sur les brevets. Ce CD-R devra être distinct de tout autre CD-R qui pourrait être déposé contenant les parties de la demande elle-même. Le fichier ASCII fixe du CD-R peut, et sera préférablement, divisé en parties logiques (séquences) de façon à ce que la dimension de tout fichier sera plus facilement manipulé par le bureau. Une table des matières qui décrit chacune des parties est requise sur le CD-R soumis.

Format TIFF :

Le Bureau canadien des brevets a choisi le format TIFF CCITT Groupe 4, multi-pages comme étant le format acceptable pour des images graphiques. Ce format a été choisi principalement parce qu'il est utilisé couramment dans le monde de la propriété intellectuelle. Le bureau des brevets des Etats-Unis (USPTO), l'Organisation mondiale de la propriété intellectuelle (OMPI) ainsi que l'Office européen des brevets (OEB) utilisent le format TIFF.

La norme Groupe 4 utilise une technique de compression pour économiser de l'espace disque.

Pour obtenir une résolution graphique de qualité, les images devraient être balayées/stockés à une résolution de 300 PPP en Noir et Blanc. Ce balayage permettra de réduire le volume des fichiers tout en maintenant une bonne qualité d'image.

Les dimensions des images digitalisées/stockées devraient correspondre exigences sous forme papier, soit 8 1/2" par 11" ou A4.

Pour résumer, les images graphiques devrait être en format TIFF CCITT Groupe 4, multi-pages, 300 PPP, Noir & Blanc, 8 1/2" par 11" ou A4.

Légende :

TIFF est un acronyme pour Tag(ged) Image File Format.

CCITT Groupe 4 fait référence à une norme universelle de compression pour images TIFF.

Le format multi-pages TIFF permet de stocker plusieurs pages numérisées dans le même fichier TIFF.

300 PPP fait référence à la résolution en nombre de points par pouce.

CCITT est le Comité Consultatif International de Télégraphique et Téléphonique à Genève.

Notices

Caveat:

The Office reserves the right to require the applicant to provide a copy of the application in a different format.

17. Laid-Open Applications

The Patent Office Record of January 11, 2000 contains laid-open applications from December 19, 1999 - December 25, 1999.

Avertissement :

Le bureau se réserve le droit d'exiger au demandeur de fournir une copie de la demande dans un format différent.

17. 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 19 décembre 1999 - 25 décembre 1999.

Avis

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[13] C

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[11] **2,021,764**
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[51] **Int.Cl. 5C23C 2/04 5C23C 2/00
5C23C 26/02**
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[54] **METHODE ET APPAREIL POUR
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[30] GB (8921917.4) 1989-09-28

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[54] **DISPOSITIF DESTINE A LA FABRICATION D'UN TALON POUR PNEU DE VEHICULE AUTOMOBILE**
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[54] **SYSTEME DE REGLAGE DE PRECISION DU DEBIT DANS UNE INSTALLATION DOSEUSE DE TYPE SOUSTRACTIF**
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[73] GENERAL SIGNAL CORPORATION, US
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[13] C

[51] **Int.Cl. 6E06B 9/00 6E05D 15/06**
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[13] C

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[54] **ELIMINATION DES CONTAMINANTS METALLIQUES D'UN LIQUIDE HYDROCARBONE**
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[54] **METHODE ET DISPOSITIF POUR REDUIRE LE RISQUE D'ETRE COINCE ENTRE PORTES COULISSANTES AUTOMATIQUES**
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[73] APS PHARMA GMBH VERTRIEB PHARMAZEUTISCHER PRÄPARATE, DE
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[13] C

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[72] Van Rie, Jeroen, BE
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[13] C

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[11] **2,035,266**
[13] C

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[73] Westerwald AG für Silikatindustrie, DE
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[13] C

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[54] **PROTEINE A ACTIVITE URATE OXYDASE, GENE RECOMBINANT CODANT POUR CELLE-CI, VECTEUR D'EXPRESSION, MICRO-ORGANISMES ET CELLULES TRANSFORMEES**
[54] **PROTEIN HAVING URATE OXYDASE ACTIVITY, RECOMBINANT GENE CODING FOR THIS PROTEIN, EXPRESSION VECTOR, MICROORGANISMS AND TRANSFORMED CELLS**
[72] Caput, Daniel, FR
[72] Ferrara, Pascual, FR
[72] Guillemot, Jean-Claude, FR
[72] Kaghad, Mourad, FR
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[13] C

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[73] Hagiwara Research Corp., JP
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[13] C

[51] **Int.Cl. 5G01J 3/46**
[25] EN
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[73] X-Rite, Incorporated, US
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[54] **METHODE DE TRANSFERT D'INFORMATIONS ET APPAREIL DE TRANSFERT D'INFORMATIONS ET SA METHODE D'ATTAQUE**
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[87] (WO90/08018)
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[11] 2,046,381
[13] C

[51] Int.Cl. 6C08L 83/04 6C08K 9/10 6B01J 13/14 6C08J 3/26
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[54] COMPOSITIONS D'ORGANOSILOXANE THERMODURCISSABLES, STABLES A L'ENTREPOSAGE, CONTENANT UN CATALYSEUR MICROENCAPSULE, ET METHODE DE PREPARATION D'UN TEL CATALYSEUR
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[72] Yeh, Ming-Hsiung, US
[73] Dow Corning Corporation, US
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[11] 2,047,641
[13] C

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[73] MITEL CORPORATION, CA
[22] 1991-07-23

[11] 2,049,550
[13] C

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[25] EN
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[54] METHODE DE FABRICATION D'UN SAC A FENETRE
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[73] BAGCRAFT ACQUISITION, L.L.C.,
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[30] US (707,857) 1991-05-30

[11] 2,050,420
[13] C

[51] Int.Cl. 5H04B 7/26
[25] FR
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[25] EN
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[73] Dyno Nobel Inc., US
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[73] Scotia Holdings PLC, GB
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[30] US (07/732,129) 1991-07-18

[11] **2,055,282**
[13] C

[51] **Int.Cl. 6C01F 17/00 6C07F 5/00 6C07C 55/07**
[25] FR
[54] **PROCEDE DE FABRICATION D'OXALATES DOUBLES DE TERRES RARES ET D'AMMONIUM ET LEURS UTILISATIONS POUR LA FABRICATION D'OXYDES DE TERRES RARES ET D'OXYDES DE TERRES RARES OBTENUS**
[54] **PROCESS FOR THE PREPARATION OF RARE-EARTH AND AMMONIUM TWIN OXALATES, THEIR USE IN PREPARING RARE-EARTH OXIDES, AND RARE-EARTH OXIDES THEREOF**
[72] David, Claire, FR
[73] Rhone-Poulenc Chimie, FR
[22] 1991-11-12
[30] FR (90 14 030) 1990-11-13

[11] **2,055,907**
[13] C

[51] **Int.Cl. 5F04C 23/00 5F04C 29/02 5F04C 18/32**
[25] EN
[54] **ROTARY TYPE MULTI-STAGE GAS COMPRESSOR**
[54] **COMPRESSEUR A GAZ ROTATIF A PLUSIEURS ETAGES**
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[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1991-11-20
[30] JP (02-319039) 1990-11-21

[11] **2,057,413**
[13] C

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[54] **FREE RUNNING AND CINCHING LATCH PLATE**
[54] **PLAQUE DE VERROUILLAGE A DEROULEMENT LIBRE ET A ARRET PAR COINCEMENT**
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[72] Narayan, Surendra D., US
[73] BREED AUTOMOTIVE TECHNOLOGY, INC., US
[22] 1991-12-11
[30] US (629,524) 1990-12-18

[11] **2,057,854**
[13] C

[51] **Int.Cl. 6C12N 15/18 6C12N 5/10 6C12N 1/19 6G01N 33/566**
[25] EN
[54] **PDGF ALPHA-RECEPTOR**
[54] **ALPHA-RECEPTEUR DE PDGF**
[72] Kelly, James D., US
[72] Murray, Mark J., US
[73] ZYMOGENETICS, INC., US
[85] 1991-11-21
[86] 1990-05-21 (PCT/US90/02849)
[87] (WO90/14425)
[30] US (355,018) 1989-05-22

[11] **2,057,886**
[13] C

[51] **Int.Cl. 6H05B 3/00 6F27D 11/04 6C21D 1/40**
[25] EN
[54] **PLANT FOR CONDUCTIVE ELECTRICAL HEATING OF STEEL BLANKS**
[54] **EQUIPEMENT DE CHAUFFAGE ELECTRIQUE POUR CONDUCTION DE FLANS D'ACIER**
[72] Moen, Asbjorn, NO
[73] Moen, Asbjorn, NO
[85] 1991-11-15
[86] 1990-05-16 (PCT/NO90/00084)
[87] (WO90/14741)
[30] NO (891961) 1989-05-16

[11] **2,057,909**
[13] C

[51] **Int.Cl. 6A01N 25/04**
[25] EN
[54] **CUTANEOUS DELIVERY OF ORGANIC MATERIALS**
[54] **REPULSIF POUR LES INSECTES**
[72] Geho, W. Blair, US
[72] Woods, Darryl H., US
[72] Lau, John R., US
[73] SDG, INC., US
[85] 1991-11-15
[86] 1990-05-22 (PCT/US90/02725)
[87] (WO90/14096)
[30] US (356,506) 1989-05-25

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[13] C
[51] **Int.Cl. 6G01M 1/02 6G01M 17/013**
[25] EN
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[54] **DISPOSITIF DE LOCALISATION POUR MACHINES SPECIALISEES DANS LE SERVICE DES ROUES**
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[72] Rogers, Steven Wade, US
[73] SNAP-ON TECHNOLOGIES, INC., US
[22] 1992-01-20
[30] US (07/656,929) 1991-02-19

[11] **2,061,057**
[13] C
[51] **Int.Cl. 6G09G 5/36 6G06F 3/12**
[25] EN
[54] **MULTI-SOURCE PRINTER CONTROLLER**
[54] **CONTROLEUR D'IMPRIMANTE MULTI-SOURCE**
[72] Buckley, Robert R., US
[72] Rumph, David E., US
[73] XEROX CORPORATION, US
[22] 1992-02-12
[30] US (696681) 1991-05-07

[11] **2,063,737**
[13] C
[51] **Int.Cl. 5H04N 5/21**
[25] EN
[54] **NON-LINEAR SWITCHED VIDEO FILTER FOR TELEVISION PICTURE NOISE REDUCTION**
[54] **FILTRE VIDEO**
[72] Whybray, Michael William, GB
[72] Hopper, Robert William, GB
[73] British Telecommunications public limited company, GB
[85] 1992-01-24
[86] 1990-08-09 (PCT/GB90/01252)
[87] (WO91/03123)
[30] GB (8918559.9) 1989-08-15

[11] **2,064,664**
[13] C
[51] **Int.Cl. 5C07C 279/26 5A01N 47/44 5C07C 323/63 5C07D 317/66**
[25] EN
[54] **BIGUANIDE DERIVATIVES, MANUFACTURING METHOD THEREOF, AND DISINFECTANTS CONTAINING THE DERIVATIVES**
[54] **DERIVES DU BIGUANIDE; METHODE DE PREPARATION; DESINFECTANTS A BASE DE CES DERIVES**
[72] Ishikawa, Hiroshi, JP
[72] Yasumura, Koichi, JP
[72] Tsubouchi, Hidetsugu, JP
[72] Higuchi, Yukio, JP
[72] Tamaoka, Hisashi, JP
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
[22] 1992-04-01
[30] JP (73202/1991) 1991-04-05
[30] JP (147644/1991) 1991-06-19
[30] JP (224306/1991) 1991-09-04

[11] **2,064,774**
[13] C
[51] **Int.Cl. 6C12N 9/64**
[25] EN
[54] **CULTURE METHODS FOR PRODUCING ACTIVATED PROTEIN C**
[54] **METHODES DE CULTURE POUR PRODUIRE DE LA PROTEINE C ACTIVEE**
[72] Kumar, Anur A., US
[72] Foster, Donald C., US
[73] ZYMOGENETICS, INC., US
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[86] 1990-08-07 (PCT/US90/04419)
[87] (WO91/02065)
[30] US (392,861) 1989-08-11

[11] **2,064,859**
[13] C
[51] **Int.Cl. 5H05K 1/02 5H05K 9/00**
[25] EN
[54] **MULTI-LAYER CIRCUIT BOARD THAT SUPPRESSES RADIO FREQUENCY INTERFERENCE FROM HIGH FREQUENCY SIGNALS**
[54] **CARTE DE CIRCUITS MULTICOUCHE ELIMINANT LES PARASITES RADIOFREQUENCE CAUSES PAR DES SIGNAUX HAUTE FREQUENCE**
[72] Baran, Jozef B., US
[73] AST Research, Inc., US
[85] 1992-02-19
[86] 1990-08-22 (PCT/US90/04801)
[87] (WO91/03144)
[30] US (396,956) 1989-08-22

[11] **2,065,311**
[13] C
[51] **Int.Cl. 6A61K 9/70 6A61K 47/32 6A61K 31/56**
[25] EN
[54] **SOLID MATRIX SYSTEM FOR TRANSDERMAL DRUG DELIVERY**
[54] **SYSTEM MATRICIEL SOLIDE POUR LA LIBERATION TRANSDERMIQUE D'UN MEDICAMENT**
[72] Chiang, Chia-Ming, US
[72] Tenzel, Renee Ann, US
[73] Cygnus, Inc., US
[85] 1992-02-25
[86] 1990-08-22 (PCT/US90/04767)
[87] (WO91/03219)
[30] US (405,630) 1989-09-08

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[11] **2,065,839**
[13] C

[51] **Int.Cl. 6C12N 15/62 6C12N 5/10 6C12N 9/10 6C12N 15/54**
[25] EN
[54] **METHOD FOR PRODUCING SECRETABLE GLYCOSYLTRANSFERASES AND OTHER GOLGI PROCESSING ENZYMES**
[54] **METHODE DE PRODUCTION DES GLYCOSYLTRANSFERASES SECRETABLES ET AUTRES ENZYMES DE MATURATION DE GOLGI**
[72] Paulson, James C., US
[72] Ujita-Lee, Eryn, US
[72] Colley, Karen J., US
[72] Adler, Beverly, US
[72] Browne, Jeffrey K., US
[73] AMGEN INC., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 1992-03-16
[86] 1990-10-24 (PCT/US90/06088)
[87] (WO91/06635)
[30] US (426,577) 1989-10-24

[11] **2,066,129**
[13] C

[51] **Int.Cl. 6B01D 27/14 6B01D 36/00**
[25] EN
[54] **MODULAR FILTER ASSEMBLY**
[54] **FILTRE MODULAIRE**
[72] Rothwell, Charles N., GB
[73] Pall Corporation, US
[22] 1992-04-15
[30] GB (91 08 446.7) 1991-04-19

[11] **2,066,673**
[13] C

[51] **Int.Cl. 5C01B 7/14 5C02F 1/50**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING PURE ELEMENTAL IODINE**
[54] **METHODE ET DISPOSITIF POUR L'OBTENTION D'IODE ELEMENTAIRE PUR**
[72] O'Dowd, Dennis Hardy, CA
[73] Iomech Limited, CA
[85] 1992-03-26
[86] 1990-08-20 (PCT/CA90/00265)
[87] (WO91/04940)
[30] CA (613,953) 1989-09-28

[11] **2,067,022**
[13] C

[51] **Int.Cl. 6H02K 21/46 6H02K 16/00**
[25] EN
[54] **SYNCHRONOUS MOTOR WITH TWO PERMANENT MAGNET ROTOR PORTIONS**
[54] **MOTEUR SYNCHRONE A DEUX PORTIONS DE ROTOR A AIMANTS PERMANENTS**
[72] Satake, Toshihiko, JP
[72] Onogi, Yukio, JP
[73] Satake Corporation, JP
[22] 1992-04-24
[30] JP (125507/1991) 1991-04-27

[11] **2,067,193**
[13] C

[51] **Int.Cl. 6A23L 1/232 6A23L 1/275**
[25] EN
[54] **HIGH BROWNING LIQUID SMOKE COMPOSITION AND METHOD OF MAKING A HIGH BROWNING LIQUID SMOKE COMPOSITION**
[54] **COMPOSITION LIQUIDE POUR BRUNIR LES ALIMENTS ET METHODE DE FABRICATION DE CETTE COMPOSITION**
[72] Underwood, Gary L., US
[73] Red Arrow Products Company Inc., US
[85] 1992-04-02
[86] 1990-10-03 (PCT/US90/05627)
[87] (WO91/04675)
[30] US (416,963) 1989-10-04

[11] **2,067,203**
[13] C

[51] **Int.Cl. 6A01N 1/02**
[25] EN
[54] **METHOD OF CRYOPRESERVING MUSCULOSKELETAL TISSUES**
[54] **METHODE DE CRYOPRESERVATION DE TISSUS MUSCULOSQUELETTIQUES**
[72] Brockbank, Kelvin G. M., US
[73] Cryolife, Inc., US
[85] 1992-04-07
[86] 1990-11-02 (PCT/US90/06221)
[87] (WO91/06213)
[30] US (431,153) 1989-11-03

[11] **2,068,735**
[13] C

[51] **Int.Cl. 6D04H 1/54 6D04H 3/14 6D04H 1/42**
[25] EN
[54] **HEAT RESISTANT NONWOVEN FABRIC AND PROCESS FOR PRODUCING SAME**
[54] **NON-TISSE THERMORESISTANT ET PROCEDE DE PRODUCTION**
[72] Yoshida, Makoto, JP
[72] Takahashi, Nobuo, JP
[72] Hosoyama, Koichi, JP
[73] Teijin Limited, JP
[85] 1992-05-14
[86] 1991-08-21 (PCT/JP91/01111)
[87] (WO92/06238)
[30] JP (2-263730) 1990-10-03
[30] JP (3-145212) 1991-05-22

[11] **2,069,000**
[13] C

[51] **Int.Cl. 6G01L 9/12**
[25] EN
[54] **PRESSURE TRANSDUCER WITH FLOW-THROUGH MEASUREMENT CAPABILITY**
[54] **CAPTEUR DE PRESSION DE FLUIDES EN MOUVEMENT**
[72] Lee, Shih-Ying, US
[73] SETRA SYSTEMS, INC., US
[85] 1992-05-19
[86] 1990-11-05 (PCT/US90/06393)
[87] (WO91/07645)
[30] US (439,617) 1989-11-20

[11] **2,069,865**
[13] C

[51] **Int.Cl. 6C25D 5/56**
[25] EN
[54] **METALLIZATION OF NON-CONDUCTORS**
[54] **METALLISATION DE MATERIAUX NON CONDUCTEURS**
[72] Mahlkow, Hartmut, DE
[72] Bressel, Burkhard, DE
[73] ATOTECH DEUTSCHLAND GMBH, DE
[85] 1992-05-28
[86] 1990-11-27 (PCT/DE90/00920)
[87] (WO91/08324)
[30] DE (P 39 39 676.2) 1989-11-28

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[11] **2,070,629**
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[25] EN
[54] **IMAGE HANDLING**
[54] **TRAITEMENT D'IMAGES**
[72] Colvill, Robert Harry, GB
[72] Lowther, Derek Rae, GB
[72] Shenton, Colin Norman, GB
[72] Shillito, Robert Trueman, GB
[72] Trinder, Rosemary, GB
[72] Wallis, Andrew Francis, GB
[73] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 1992-06-03
[86] 1991-01-31 (PCT/GB91/00143)
[87] (WO91/11877)
[30] GB (9002138.7) 1990-01-31
[30] GB (9018108.2) 1990-08-17

[11] **2,071,420**
[13] C

[51] **Int.Cl. 6A61B 1/00 6A61B 19/02**
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[54] **SHEATH FOR ENDOSCOPE**
[54] **GAINÉ POUR ENDOSCOPE**
[72] Williams, William B., III, US
[72] Reisdorf, Dennis J., US
[72] Donofrio, William T., US
[73] MICROTEK MEDICAL, INC., US
[22] 1992-06-17
[30] US (720,096) 1991-06-24

[11] **2,072,375**
[13] C

[51] **Int.Cl. 6C12N 15/15 6C12N 1/21 6C12N 15/55 6A61K 38/58 6C12N 15/62 6C12N 15/70 6C07K 14/815**
[25] EN
[54] **HIRUDIN ANALOG, METHOD OF MANUFACTURING THEREOF AND ANTI-COAGULANT COMPOSITION, AND SECRETION VECTOR, TRANSFORMED MICROORGANISMS CONTAINING SAIDVECTOR AND MANUFACTURING METHOD OF PRODUCTS WHICH IS PRODUCED FROM SAID MICROORGANISM**
[54] **ANALOGUE DE L'HIRUDINE, METHODE DE FABRICATION DE CELLE-CI, COMPOSITION ANTICOAGULANTE ET VECTEUR DE SECRETION, MICROORGANISMES TRANSFORMES CONTENANT LEDIT VECTEUR ET METHODE DE FABRICATION DE PRODUITS, PRODUITE A PARTIR DUDIT MICROORGANISME**
[72] Misawa, Satoru, JP
[72] Matsuda, Hitoshi, JP
[72] Inoue, Yoshifumi, JP
[72] Furuya, Hideyuki, JP
[73] Japan Energy Corporation, JP
[85] 1992-06-25
[86] 1991-11-08 (PCT/JP91/01533)
[87] (WO92/08736)
[30] JP (303096/1990) 1990-11-08
[30] JP (41271/1991) 1991-02-13

[11] **2,072,439**
[13] C

[51] **Int.Cl. 6F16D 69/04**
[25] FR
[54] **DISPOSITIF DE PLAQUETTE DE FREIN A DISQUE EN PARTICULIER A GARNITURE EN CARBONE-CARBONE**
[54] **DISK BRAKE PAD, ESPECIALLY WITH CARBON-CARBON LINING**
[72] Prud'Homme, Guy, FR
[73] CARBONE INDUSTRIE, FR
[22] 1992-06-26
[30] FR (91 08 079) 1991-06-28

[11] **2,074,002**
[13] C

[51] **Int.Cl. 6H04H 9/00 6G06F 17/60**
[25] EN
[54] **SELF-ADMINISTERED SURVEY SYSTEMS, METHODS AND DEVICES**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DE SONDAGE AUTOGERES**
[72] Cohen, Gerald B., US
[72] Conley, Louis W., US
[72] McConochie, Roberta M., US
[72] Patchen, Robert H., US
[72] Peacock, James D., US
[72] Rankin, Claude A., US
[72] White, Thomas W., US
[73] Control Data Corporation, US
[22] 1992-07-16
[30] US (734,585) 1991-07-23

[11] **2,076,211**
[13] C

[51] **Int.Cl. 5G01R 22/00**
[25] EN
[54] **ENERGY MONITORING SYSTEM FOR A PLURALITY OF LOCAL STATIONS WITH SNAPSHOT POLLING FROM A CENTRAL STATION**
[54] **SYSTEME DE CONTROLE DE LA CONSOMMATION D'ENERGIE DE PLUSIEURS STATIONS AVEC ANALYSE SELECTIVE A LA CENTRALE**
[72] Oravetz, David Michael, US
[72] Elms, Robert Tracey, US
[72] Engel, Joseph Charles, US
[72] Peterson, Clyde Owen, US
[72] Mueller, Denis Armin, US
[72] Bell, Richard Burns, US
[72] Cather, Robert Lee, US
[72] Klancher, Frank, US
[72] Kenny, Thomas Joseph, US
[73] EATON CORPORATION, US
[22] 1992-08-14
[30] US (746,019) 1991-08-15
[30] US (746,018) 1991-08-15
[30] US (915,171) 1992-07-15

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[13] C

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[25] EN
[54] **FLAME SPRAY APPLICATOR SYSTEM**
[54] **SYSTEME DE PROJECTION A LA FLAMME**
[72] Rajan, Varagur Srinivasa Vaikunta, CA
[72] De Rocco, Mario, CA
[73] ALBERTA RESEARCH COUNCIL, CA
[73] Canadian Flamecoat Systems Ltd., CA
[22] 1992-05-05
[30] US (07/718,215) 1991-06-19

[11] * **2,077,272**
[13] C

[51] **Int.Cl. 5G06F 12/02**
[25] EN
[54] **MANAGING CLASS METHOD NAMES**
[54] **GESTION DE NOMS DE METHODE DE CLASSIFICATION**
[72] Conner, Mike H., US
[72] Martin, Andrew R., US
[72] Raper, Larry K., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1992-09-01
[30] US (07/805,779) 1991-12-12

[11] **2,078,174**
[13] C

[51] **Int.Cl. 6F16L 37/12**
[25] EN
[54] **PLASTIC RETAINER FOR FLUID COUPLING**
[54] **DISPOSITIF DE RETENUE PLASTIQUE POUR COUPLEUR HYDRAULIQUE**
[72] McNaughton, James, US
[72] Walker, Donald C., US
[73] BUNDY CORPORATION, US
[22] 1992-09-14
[30] US (777,060) 1991-10-16

[11] **2,079,021**
[13] C

[51] **Int.Cl. 6H03L 5/00**
[25] EN
[54] **SELF-REGULATING OSCILLATOR CIRCUIT AND METHOD**
[54] **CIRCUIT OSCILLATEUR AUTO-REGULATEUR ET METHODE CONNEXE**
[72] Balusek, Rudolph Daniel, US
[73] ALCATEL NETWORK SYSTEMS, INC., US
[22] 1992-09-24
[30] US (7-904,426) 1992-06-26

[11] **2,080,004**
[13] C

[51] **Int.Cl. 6F16M 11/04 6A61B 19/00**
[25] EN
[54] **ARM WITH TRANSLATABLE END AND APPARATUS FOR THERAPEUTIC TREATMENT, COMPRISING APPLICATION THEREOF**
[54] **BRAS A EXTREMITE ADAPTABLE ET UTILISATION DE CE BRAS DANS UN APPAREIL DESTINE A DES FINS THERAPEUTIQUES**
[72] Lacoste, François, FR
[72] Devonec, Marian, FR
[72] Cathaud, Muriel, FR
[73] TECHNOMED MEDICAL SYSTEMS, FR
[85] 1992-10-06
[86] 1991-04-05 (PCT/FR91/00277)
[87] (WO91/15708)
[30] FR (90/04440) 1990-04-06

[11] **2,081,721**
[13] C

[51] **Int.Cl. 6B23K 3/03**
[25] EN
[54] **TEMPERATURE SELF REGULATING HEATERS AND SOLDERING IRONS**
[54] **ELEMENTS CHAUFFANT A REGLAGE AUTOMATIQUE DE LA TEMPERATURE ET FERS A SOUDER**
[72] Cowell, Mark J., US
[72] Daniel, Steven A., US
[73] Metcal, Inc., US
[22] 1992-10-29
[30] US (07/925,029) 1992-08-05

[11] **2,081,827**
[13] C

[51] **Int.Cl. 6E04D 13/03**
[25] EN
[54] **SKYLIGHT GUARD ASSEMBLY**
[54] **DISPOSITIF DE PROTECTION DE FENETRES EN TOITURE**
[72] Sandow, Kiyoshi, US
[73] Sandow, Kiyoshi, US
[22] 1992-10-30
[30] US (785,947) 1991-10-31

[11] **2,082,011**
[13] C

[51] **Int.Cl. 6B01J 8/44 6B01J 8/24**
[25] EN
[54] **FLUIDIZED BED PARTICULATE MATERIAL TREATING APPARATUS**
[54] **APPAREIL DE TRAITEMENT DES MATERIAUX GRANULAIRES POUR LIT FLUIDISE**
[72] Long, David H., US
[73] KOCH FEED TECHNOLOGIES COMPANY, US
[22] 1992-11-03

[11] **2,083,926**
[13] C

[51] **Int.Cl. 6E05C 1/08**
[25] EN
[54] **LATCH**
[54] **VERROU**
[72] Choquette, Emile, CA
[73] Choquette, Emile, CA
[22] 1992-11-24

[11] **2,084,080**
[13] C

[51] **Int.Cl. 6A43B 7/14 6A43B 5/00 6A43B 7/32**
[25] EN
[54] **ATHLETIC SHOE HAVING INFLATABLE BLADDER**
[54] **CHAUSSURE ATHLETIQUE A SEMELLE GONFLABLE**
[72] Cohen, Eric D., US
[72] Jones, Andrew R., US
[72] De Castro, Jose Tadeo, US
[72] Litchfield, Paul E., US
[72] Smith, Steven F., US
[73] REEBOK INTERNATIONAL LTD., US
[85] 1992-11-27
[86] 1991-05-23 (PCT/US91/03610)
[87] (WO91/18527)
[30] US (07/530,854) 1990-05-30

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[13] C
[51] **Int.Cl. 6B21D 28/12**
[25] EN
[54] **TURRET PUNCH PRESS**
[54] **POINCONNEUSE A TOURELLE REVOLVER**
[72] Matsuda, Morikatsu, JP
[73] Amada Company, Limited, JP
[85] 1992-12-02
[86] 1991-06-04 (PCT/JP91/00748)
[87] (WO91/18690)
[30] JP (2-144509) 1990-06-04

[11] **2,085,077**
[13] C
[51] **Int.Cl. 5C08L 63/00 5C08L 81/04**
[25] EN
[54] **POLYSULPHIDE-MODIFIED EPOXY RESINS**
[54] **RESINES EPOXY MODIFIEES AU POLYSULFURE**
[72] Wilford, Andrea, GB
[73] Morton International Limited, GB
[22] 1992-12-10
[30] GB (9126902.7) 1991-12-19

[11] **2,088,190**
[13] C
[51] **Int.Cl. 6A21B 1/00 6A21B 5/00**
[25] EN
[54] **PIZZA OVEN**
[54] **FOUR A PIZZA**
[72] Nevin, Ira, US
[72] Nath, Narendra, US
[72] Musharbash, Faris S., US
[73] Bakers Pride Oven Company, Inc., US
[22] 1993-01-27
[30] US (07/972,147) 1992-11-05

[11] **2,089,099**
[13] C
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[13] C

[51] **Int.Cl. 6A61F 13/15 6B65D 65/02 6B65D 30/10**
[25] EN
[54] **FOLD AND WRAP PACKAGE FOR CATAMENIAL PADS PROVIDING CONVENIENT DISPOSAL**
[54] **EMBALLAGE PLIABLE HYGIENIQUE POUVANT SERVIR A JETER UNE SERVIETTE UTILISEE**
[72] Leeker, Karen Kaczmarek, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1995-06-13
[86] 1993-12-13 (PCT/US93/12081)
[87] (WO94/14396)
[30] US (07/994,843) 1992-12-22

[11] **2,152,567**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **APPROACH TO DIRECTLY PERFORMING ASYNCHRONOUS TRANSFER MODE (ATM) ADAPTATION LAYER 5 REASSEMBLY**
[54] **METHODE POUR EFFECTUER DIRECTEMENT LE REASSEMBLAGE DE LA COUCHE D'ADAPTATION 5 LORS DE TRANSMISSIONS EN MODE DE TRANSFERT ASYNCHRONE (MTA)**
[72] Buckland, Kenneth M., US
[73] PMC-SIERRA LTD., CA
[22] 1995-06-23

[11] **2,152,620**
[13] C

[51] **Int.Cl. 6C11D 3/33 6C11D 17/06 6C11D 3/10 6C11D 3/37**
[25] EN
[54] **DISPERSING AGENT**
[54] **AGENT DISPERSANT**
[72] Hall, Robin Gibson, GB
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1995-06-23
[86] 1993-12-13 (PCT/US93/12090)
[87] (WO94/14939)
[30] GB (9226942.2) 1992-12-24

[11] **2,153,015**
[13] C

[51] **Int.Cl. 6C08F 220/20 6C09D 133/06**
[25] EN
[54] **HINDERED-HYDROXYL FUNCTIONAL (METH) ACRYLATE MONOMERS CONTAINING DI(METH) ACRYLATES AND COMPOSITIONS INCLUDING SAME**
[54] **MONOMERES DE (METH)ACRYLATE HYDROXYLES, COMPORTANT UN EMPECHEMENT STERIQUE ET RENFERMANT DES DI(METH)ACRYLATES; COMPOSITIONS A BASE DE CES MONOMERES**
[72] Argyropoulos, John Nicholas, US
[72] Busby, Molly I-Chin, US
[73] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[22] 1995-06-29
[30] US (8-268,273) 1994-06-30

[11] **2,153,074**
[13] C

[51] **Int.Cl. 6E01D 21/00 6E01D 15/00**
[25] EN
[54] **MODULAR BRIDGE ABUTMENT SYSTEM**
[54] **SYSTEME MODULAIRE DE BUTEE DE PONT**
[72] Mattson, Jack, CA
[73] Mattson, Jack, CA
[22] 1995-06-30

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[11] **2,153,345**
[13] C
[51] **Int.Cl. 6G02B 5/08**
[25] EN
[54] **LOW POLARIZATION SENSITIVITY GOLD MIRRORS ON SILICA**
[54] **MIROIRS D'OR SUR SILICE, A FAIBLE SENSIBILITE A LA POLARISATION**
[72] Filas, Robert William, US
[73] AT&T CORP., US
[22] 1995-07-06
[30] US (356,823) 1994-12-15

[11] **2,153,741**
[13] C
[51] **Int.Cl. 6A46B 3/08 6B29C 45/00**
[25] EN
[54] **RECYCLABLE ONE-MATERIAL PAINT BRUSH WITH HINGED CLAMPING PANEL FOR REMOVABLE BRISTLE PACK**
[54] **PINCEAU FABRIQUE D'UN SEUL MATERIAU RECYCLABLE AVEC DISPOSITIF AMOVIBLE DE FIXATION DES SOIES**
[72] Ledingham, Blake A., CA
[72] Douglas, Terry R., CA
[73] Ledingham, Blake A., CA
[73] Douglas, Terry R., CA
[22] 1995-07-12

[11] **2,155,418**
[13] C
[51] **Int.Cl. 6B60C 23/02**
[25] EN
[54] **REMOTE TIRE PRESSURE MONITORING SYSTEM EMPLOYING CODED TIRE IDENTIFICATION AND RADIO FREQUENCY TRANSMISSION, AND ENABLING RECALIBRATION UPON TIRE ROTATION OR REPLACEMENT**
[54] **SYSTEME DE TELESURVEILLANCE DE LA PRESSION DES PNEUS COMBINANT CODAGE DES PNEUS ET TRANSMISSION DE RADIOFREQUENCE POUR L'ETALONNAGE DES PNEUS LORS DE LEUR ROTATION OU DE LEUR REMPLACEMENT**
[72] Robinson, Jerry H., III, US
[73] SCHRADER-BRIDGEPORT INTERNATIONAL, INC., US
[85] 1995-08-03
[86] 1993-03-11 (PCT/US93/01995)
[87] (WO94/20317)

[11] **2,155,811**
[13] C
[51] **Int.Cl. 6B01D 21/04 6E03F 5/14**
[25] EN
[54] **APPARATUS FOR THE REMOVAL OF FLOATING SLUDGE IN DISSOLVED AIR FLOATATION BASINS AT WATER PURIFICATION AND WASTE WATER TREATMENT PLANTS**
[54] **APPAREIL POUR L'ENLEVEMENT DES BOUES FLOTTANTES DANS DES BASSINS DE FLOTTATION A L'AIR DISSOUS, DANS LES USINES D'EPURATION DES EAUX ET DE TRAITEMENT DES EAUX USEES**
[72] Ljungberg, Bertil Anders, SE
[73] Anglian Water PLC, GB
[22] 1995-08-10
[30] US (08/294,362) 1994-08-23

[11] **2,155,826**
[13] C
[51] **Int.Cl. 6F02B 53/00 6F01C 1/352**
[25] EN
[54] **ROTARY INTERNAL COMBUSTION ENGINE AND COMPRESSOR**
[54] **MOTEUR ROTATIF A COMBUSTION INTERNE ET COMPRESSEUR**
[72] Chen, Chen Long, TW
[73] Chen, Chen Long, TW
[85] 1995-08-10
[86] 1994-03-15 (PCT/CN94/00018)
[87] (WO94/21906)
[30] US (08/035,202) 1993-03-22

[11] **2,156,406**
[13] C
[51] **Int.Cl. 6A23N 15/00**
[25] EN
[54] **BEANSPOUTS ROOTS AND HUSKS CLEANING MACHINE**
[54] **MACHINE A NETTOYER LES RACINES ET LES COQUES DE GERMES DE HARICOTS**
[72] Ma, Kee Wai, AU
[73] Ma, Kee Wai, AU
[85] 1995-08-17
[86] 1994-02-24 (PCT/AU94/00088)
[87] (WO94/18856)
[30] AU (PL 7455) 1993-02-24

[11] * **2,156,539**
[13] C
[51] **Int.Cl. 6G06F 1/32**
[25] EN
[54] **POWER MANAGEMENT PROCESSOR FOR SUSPEND SYSTEMS**
[54] **PROCESSUS DE GESTION DE L'ENERGIE POUR SYSTEMES A ARRET DEGRADE**
[72] Crump, Dwayne Thomas, US
[72] Pancoast, Steven Taylor, US
[72] Benson, Paul Harrison, IV, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1995-08-18
[30] US (08/301,466) 1994-09-07

[11] * **2,156,540**
[13] C
[51] **Int.Cl. 6G06F 1/32 6G06F 12/16**
[25] EN
[54] **AUTOMATIC BACKUP SYSTEM FOR ADVANCED POWER MANAGEMENT (APM)**
[54] **SYSTEME DE SAUVEGARDE AUTOMATIQUE POUR GESTION DE L'ENERGIE AVANCEE**
[72] Crump, Dwayne Thomas, US
[72] Pancoast, Steven Taylor, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1995-08-18
[30] US (08/301,943) 1994-09-07

[11] **2,157,529**
[13] C
[51] **Int.Cl. 6H04L 12/403 6H04L 12/52 6H04L 12/56**
[25] EN
[54] **COMMUNICATION SYSTEM TOPOLOGY PROVIDING DYNAMIC ALLOCATION OF B-CHANNELS**
[54] **TOPOLOGIE DE SYSTEME DE COMMUNICATION PERMETTANT L'AFFECTION DYNAMIQUE DE CANAUX B**
[72] Aranguren, William L., US
[72] Baker, Albert D., US
[73] AT&T CORP., US
[22] 1995-09-05
[30] US (323,184) 1994-10-14

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[11] **2,157,560**
[13] C

[51] **Int.Cl. 6B26B 19/04 6B26B 19/10**
[25] EN
[54] **DETACHABLE PIVOTING CLIPPER BLADES**
[54] **LAMES AMOVIBLES DE TONDEUSE A CHEVEUX PIVOTANTE**
[72] Melton, Scott, US
[73] Wahl Clipper Corporation, US
[22] 1995-09-05
[30] US (08/327,436) 1994-10-21

[11] **2,157,771**
[13] C

[51] **Int.Cl. 6A61B 5/05**
[25] EN
[54] **APPARATUS AND METHOD FOR SCREENING AND DIAGNOSING TRAUMA OR DISEASE IN BODY TISSUES**
[54] **APPAREIL ET METHODE POUR LE DEPISTAGE ET LE DIAGNOSTIC DE LESIONS OU DE MALADIES DANS LES TISSUS CORPORELS**
[72] Faupel, Mark L., US
[72] Hahn, Steven, US
[73] Biofield Corp., US
[85] 1995-09-07
[86] 1994-03-02 (PCT/US94/02298)
[87] (WO94/20012)
[30] US (08/027,539) 1993-03-08

[11] **2,157,948**
[13] C

[51] **Int.Cl. 6G02F 1/1333**
[25] EN
[54] **ALKALI METAL DIFFUSION BARRIER LAYER**
[54] **COUCHE BARRIERE EMPECHANT LA DIFFUSION DES METAUX ALCALINS**
[72] Finley, James J., US
[72] Gillery, F. Howard, US
[73] PPG INDUSTRIES OHIO, INC., US
[22] 1995-09-11
[30] US (330,148) 1994-10-04

[11] **2,157,952**
[13] C

[51] **Int.Cl. 6H01R 33/06**
[25] EN
[54] **CONNECTOR ATTACHMENT COMPONENT**
[54] **ELEMENT DE FIXATION POUR CONNECTEUR**
[72] Takano, Tsunesuke, JP
[72] Sinzawa, Kouichi, JP
[73] Daiichi Denso Buhin Co., Ltd., JP
[22] 1995-09-11
[30] JP (6-262107) 1994-09-30
[30] JP (6-266350) 1994-10-05

[11] **2,158,836**
[13] C

[51] **Int.Cl. 6A01J 5/04**
[25] EN
[54] **TOP UNLOADING MILKING CLAW**
[54] **GRIFFE DE TRAITE A DECHARGEMENT PAR LE HAUT**
[72] Steingraber, Gary C., US
[72] Thompson, Paul D., US
[72] Mullen, Terrence J., US
[73] DEC International, Inc., US
[85] 1995-09-21
[86] 1994-03-28 (PCT/US94/03345)
[87] (WO94/23562)
[30] US (045,514) 1993-04-08

[11] **2,159,121**
[13] C

[51] **Int.Cl. 6C22C 25/00**
[25] EN
[54] **DUCTILE, LIGHT WEIGHT, HIGH STRENGTH BERYLLIUM-ALUMINUM CAST COMPOSITE ALLOY**
[54] **ALLIAGE COMPOSITE COULE BERYLLIUM-ALUMINIUM TRES RESISTANT, LEGER ET CONDUCTEUR**
[72] Nachtrab, William T., US
[72] Levoy, Nancy F., US
[72] White, Raymond L., III, US
[73] STARMET CORPORATION, US
[85] 1995-09-25
[86] 1994-11-02 (PCT/US94/12625)
[87] (WO95/20685)
[30] US (187,684) 1994-01-26

[11] **2,159,965**
[13] C

[51] **Int.Cl. 6A61F 13/56 6A61F 13/74**
[25] EN
[54] **ABSORBENT ARTICLE HAVING ADHESIVE FASTENING MEANS**
[54] **ARTICLE ABSORBANT A ATTACHES ADHESIVES**
[72] Carlucci, Giovanni, IT
[73] THE PROCTER & GAMBLE COMPANY, US
[22] 1995-10-05
[30] IT (TO94A000800) 1994-10-07

[11] **2,160,504**
[13] C

[51] **Int.Cl. 6H04J 3/04**
[25] EN
[54] **PROGRAMMABLE PCM/TDM DEMULTIPLEXER**
[54] **DEMUTIPLEXEUR MIC/MRT PROGRAMMABLE**
[72] Kaufmann, John, US
[73] Loral Aerospace Corporation, US
[22] 1995-10-13

[11] **2,161,162**
[13] C

[51] **Int.Cl. 6H04L 12/28**
[25] EN
[54] **PORTABLE WIRELESS LOCAL AREA NETWORK**
[54] **RESEAU LOCAL A APPAREILS SANS FIL PORTATIFS**
[72] Amitay, Noach, US
[72] Sizer, Theodore II, US
[73] AT&T CORP., US
[22] 1995-10-23
[30] US (366,540) 1994-12-30

[11] **2,161,508**
[13] C

[51] **Int.Cl. 6H04M 1/274 6H04M 11/00 6G06F 17/40**
[25] EN
[54] **METHOD OF INVOKING SPEED CALLS IN A CTI SYSTEM**
[54] **METHODE DE COMPOSITION ABREGEE POUR SYSTEME CTI**
[72] Pinard, Deborah L., CA
[72] Saint Amour, Hélène, CA
[73] MITEL CORPORATION, CA
[22] 1995-10-26

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[11] **2,162,001**
[13] C

[51] **Int.Cl. 6A61K 7/40 6A61K 7/04
6A61K 7/06 6A61K 7/48**
[25] EN
[54] **UTILISATION DE DERIVE DE
L'ACIDE SALICYLIQUE COMME
STABILISANT D'UNE EMULSION
HUILE-DANS-EAU**
[54] **SALICYLIC ACID DERIVATIVE
USED FOR THE STABILIZATION OF
AN OIL-IN-WATER EMULSION**
[72] Collin, Nathalie, FR
[72] Queminn, Eric, FR
[72] Candau, Didier, FR
[73] L'OREAL, FR
[22] 1995-11-02
[30] FR (94 13 127) 1994-11-03

[11] **2,162,092**
[13] C

[51] **Int.Cl. 6G06F 3/033**
[25] EN
[54] **MULTI-MEDIA DATA
COMMUNICATION SYSTEM HAVING
A PLURALITY TYPES OF GRAPHIC
USER INTERFACE**
[54] **SYSTEME DE TRANSMISSION DE
DONNEES MULTIMEDIA UTILISANT
PLUSIEURS TYPES D'INTERFACES
UTILISATEUR GRAPHIQUES**
[72] Tanaka, Mitsumasa, JP
[73] NEC CORPORATION, JP
[22] 1995-11-03
[30] JP (311199/1994) 1994-11-21

[11] **2,162,417**
[13] C

[51] **Int.Cl. 6H04B 7/00 6H04Q 7/38**
[25] EN
[54] **DATA RATE DETECTOR FOR
TERMINAL STATION RECEIVER**
[54] **DETECTEUR DE DEBIT DE
DONNEES POUR RECEPTEUR DE
STATION TERMINALE**
[72] Kaku, Tomoya, JP
[73] NEC CORPORATION, JP
[22] 1995-11-08
[30] JP (305734/94) 1994-11-16

[11] **2,162,794**
[13] C

[51] **Int.Cl. 6E21B 43/16 6E21B 7/06**
[25] EN
[54] **METHOD AND APPARATUS FOR
PRODUCING A WELL**
[54] **METHODE ET APPAREIL DE
FORMATION DE PUITTS**
[72] Matthews, Cameron M., CA
[73] CENTRE FOR ENGINEERING
RESEARCH INC., CA
[22] 1995-11-14
[30] US (08/488,328) 1995-06-07

[11] **2,163,005**
[13] C

[51] **Int.Cl. 6A61M 5/24 6A61M 5/20**
[25] EN
[54] **RELOADABLE AUTOMATIC OR
MANUAL EMERGENCY INJECTION
SYSTEM**
[54] **SYSTEME D'INJECTION
D'URGENCE, RECHARGEABLE,
AUTOMATIQUE OU MANUEL**
[72] Wyrick, Ronald E., US
[73] WASHINGTON BIOTECH
CORPORATION, US
[85] 1995-11-15
[86] 1994-05-26 (PCT/US94/05949)
[87] (WO94/27660)
[30] US (08/068,644) 1993-05-27
[30] US (08/243,641) 1994-05-16

[11] **2,163,477**
[13] C

[51] **Int.Cl. 6C08F 220/56 6C08F 220/04
6D21H 21/18 6D21H 17/37 6C08F 4/40**
[25] EN
[54] **WATER-SOLUBLE POLYMERS
MADE FROM METH(ACRYLAMIDE),
ETHYLENICALLY UNSATURATED,
ALIPHATIC CARBOXYLIC ACID OR
SALT, AND POLYVINYL MONOMER,
AND THEIR USE AS DRY STRENGTH
ADDITIVES FOR PAPER**
[54] **POLYMERES HYDROSOLUBLES
PREPARES A PARTIR DE
METH(ACRYLAMIDE), D'ACIDE
CARBOXYLIQUE ALIPHATIQUE A
INSATURATIONS ETHYLENIQUES OU
DU SEL, ET D'UN POLYVINYLE; LEUR
UTILISATION COMME ADDITIFS
POUR LE RENFORCEMENT DU
PAPIER A L'ETAT SEC**
[72] Rodriguez, William, US
[73] HERCULES INCORPORATED, US
[22] 1995-11-22
[30] US (344,831) 1994-11-23

[11] **2,164,031**
[13] C

[51] **Int.Cl. 6G01S 13/74 6E01F 13/00
6G08G 1/00**
[25] EN
[54] **TRANSPONDER DETECTION
SYSTEM FOR VEHICLES IN TOLL
COLLECTION LANES**
[54] **SYSTEME DE DETECTION DE
TRANSPONDEUR POUR VEHICULES
DANS UNE VOIE A PEAGE**
[72] O'Connor, Roger J., US
[72] Knittle, Robert C., US
[73] RAYTHEON COMPANY, US
[22] 1995-11-29
[30] US (346,730) 1994-11-30

[11] **2,164,792**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **ALLOWED CELL RATE
RECIPROCAL APPROXIMATION IN
RATE-BASED AVAILABLE BIT RATE
SCHEDULERS**
[54] **APPROXIMATION DE L'INVERSE
DE DEBIT CELLULAIRE AUTORISE
DANS LES ORDONNANCEURS DE
DEBIT BINAIRE**
[72] Radhakrishnan, Sivakumar, CA
[72] Dabecki, Stephen J., CA
[73] PMC-SIERRA LTD., CA
[22] 1995-12-08

[11] **2,166,963**
[13] C

[51] **Int.Cl. 6G06F 19/00 6G06F 17/30**
[25] EN
[54] **SYSTEM FOR PRINTING SOCIAL
EXPRESSION CARDS**
[54] **SYSTEME D'IMPRESSION DE
CARTES PERSONNELLES**
[72] Cannon, Thomas G., US
[72] Dehart, Daniel L., US
[73] Onkor, Ltd., US
[85] 1996-01-10
[86] 1994-07-05 (PCT/US94/07522)
[87] (WO95/02867)
[30] US (090,803) 1993-07-12

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[11] **2,167,334**
[13] C

[51] **Int.Cl. 6C01F 11/18 6C04B 7/147**
[25] EN
[54] **THERMAL STABILIZATION OF STEELMAKING SLAG**
[54] **STABILISATION THERMIQUE DU LAITIER UTILISE EN FABRICATION**
[72] Mikhail, Shaheer A., CA
[72] Turcotte, Anne-Marie, CA
[73] Mikhail, Shaheer A., CA
[73] Turcotte, Anne-Marie, CA
[22] 1996-01-16
[30] US (380,701) 1995-01-30

[11] **2,167,744**
[13] C

[51] **Int.Cl. 6H04Q 3/545**
[25] EN
[54] **AUTOMATIC PROVISIONING OF TRUNKING AND ROUTING PARAMETERS IN A TELECOMMUNICATIONS NETWORK**
[54] **DETERMINATION AUTOMATIQUE DE PARAMETRES DE BRANCHEMENT ET D'ACHEMINEMENT DANS UN RESEAU DE TELECOMMUNICATION**
[72] Ash, Gerald Richard, US
[72] Chan, Kenneth King-Yu, US
[72] Chen, Jiayu, US
[72] Frey, Alan Eugene, US
[72] Gallagher, James J., US
[72] Peck, Andrew Wynne, US
[73] AT&T CORP., US
[22] 1996-01-22
[30] US (407,171) 1995-03-21

[11] **2,168,812**
[13] C

[51] **Int.Cl. 6H04L 9/06 6H04L 9/14**
[25] EN
[54] **HIGH-BANDWIDTH ENCRYPTION SYSTEM WITH LOW-BANDWIDTH CRYPTOGRAPHIC MODULES**
[54] **SYSTEME DE CHIFFREMENT A GRANDE LARGEUR DE BANDE UTILISANT DES MODULES DE CHIFFREMENT A LARGEUR DE BANDE REDUITE**
[72] Blaze, Matthew A., US
[73] AT&T IPM CORP., US
[22] 1996-02-05
[30] US (415,015) 1995-03-31

[11] **2,168,904**
[13] C

[51] **Int.Cl. 6C11D 1/22 6C23G 1/02 6C11D 3/39**
[25] EN
[54] **LIMESCALE REMOVAL COMPOSITIONS**
[54] **COMPOSITIONS D'ELIMINATION DES DEPOTS CALCAIRES**
[72] Bianchetti, Giulia Ottavia, IT
[72] Cardola, Sergio, IT
[72] Scialla, Stefano, IT
[73] THE PROCTER & GAMBLE COMPANY, US
[22] 1996-02-06
[30] EP (95200309.3) 1995-02-08

[11] **2,169,021**
[13] C

[51] **Int.Cl. 6H01L 23/66**
[25] FR
[54] **CIRCUIT INTEGRE AVEC CONDUCTANCE REGLABLE A PARTIR D'UN SIGNAL NUMERIQUE DE CONSIGNE**
[54] **INTEGRATED CIRCUIT HAVING A CONDUCTANCE ADJUSTABLE BY MEANS OF A DIGITAL SET POINT SIGNAL**
[72] Boudry, Jean-Marie, FR
[72] Chamoun, Sleiman, US
[73] BULL S.A., FR
[22] 1996-02-07
[30] FR (95 01458) 1995-02-08

[11] **2,169,881**
[13] C

[51] **Int.Cl. 6G01N 21/35 6A61B 6/00**
[25] EN
[54] **LIQUID CORRELATION SPECTROMETRY**
[54] **DETERMINATION DE LA CONCENTRATION D'UN MELANGE A ANALYSES, PAR SPECTROMETRIE DE CORRELATION**
[72] Schlager, Kenneth J., US
[73] Instrumentation Metrics, Inc., US
[22] 1996-02-20
[30] US (08/509,696) 1995-07-31
[30] US (08/547,145) 1995-10-24

[11] **2,170,024**
[13] C

[51] **Int.Cl. 6C11D 3/386 6C11D 1/86 6C11D 1/94**
[25] EN
[54] **LIGHT DUTY LIQUID OR GEL DISHWASHING DETERGENT COMPOSITIONS CONTAINING PROTEASE**
[54] **COMPOSITIONS DETERGENTES RENFERMANT DE LA PROTEASE, EN LIQUIDE OU EN GEL, POUR LAVAGES LEGERS AU LAVE-VAISSELLE**
[72] Mao, Mark Hsiang-Kuen, US
[72] Marshall, Janet Layne, US
[72] Visscher, Martha Orrico, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1996-02-21
[86] 1994-08-30 (PCT/US94/09923)
[87] (WO95/07971)
[30] US (121,331) 1993-09-14

[11] **2,170,788**
[13] C

[51] **Int.Cl. 6B01J 20/18 6B01J 20/30**
[25] EN
[54] **MIXED-CATION ADSORBENT PRODUCTION WITH SINGLE PASS ION EXCHANGE**
[54] **PRODUCTION D'ADSORBANT CATIONIQUE MIXTE PAR ECHANGE IONIQUE A PASSAGE SIMPLE**
[72] Leavitt, Frederick Wells, US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 1996-03-01
[30] US (08/398,623) 1995-03-02

[11] **2,170,804**
[13] C

[51] **Int.Cl. 6B66F 9/075 6G01C 9/00 6G01C 9/02**
[25] EN
[54] **FORKLIFT LEVEL INDICATOR**
[54] **INDICATEUR DE NIVEAU DE FOURCHE DE CHARIOT ELEVATEUR**
[72] McCauley, Charles A., US
[72] McCauley, Larry D., US
[73] McCauley, Charles A., US
[73] McCauley, Larry D., US
[22] 1996-03-01
[30] US (08/397,940) 1995-03-03

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[11] 2,170,918
[13] C

[51] Int.Cl. 6H01Q 1/36
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[54] **COUVERCLE POUR EMBALLAGE DE PRODUITS ALIMENTAIRES**
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[72] Smith, Stephen A., US
[72] Banach, Matthew O., US
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[54] **SERIES RESONANT CONVERTER, AND METHOD AND APPARATUS FOR CONTROL THEREOF**
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[72] Geissler, Steven J., US
[73] MILLER GROUP, LTD. (THE), US
[22] 1996-11-15
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[54] **UN DISPOSITIF REFROIDISSEUR**
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[72] Narholm, Roland, SE
[72] Stjerna, Per, SE
[72] Uvemo, Peter, SE
[73] ITT Flygt AB, SE
[22] 1996-11-15
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[13] C

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[54] **METHOD OF CASTING CASTABLE REFRACTORIES OF VESSEL FOR MOLTEN METAL**
[54] **METHODE DE MOULAGE DE MATERIAUX REFRACTAIRES MOULABLES EN FORME DE RECIPIENTS POUR METAUX EN FUSION**
[72] Yoshida, Tsutomu, JP
[72] Miki, Norio, JP
[72] Adachi, Keisuke, JP
[72] Kuwayama, Michihiro, JP
[72] Kamo, Momoki, JP
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[54] **PROCEDE POUR L'OBTENTION D'HYDROGENE ET D'UN GAZ DE SYNTHESE A PARTIR D'UN GAZ NATUREL, UTILISANT UN REACTEUR A MEMBRANE**
[72] Galuszka, Jan Z., CA
[72] Fouda, Safaa, CA
[72] Pandey, Raj N., CA
[72] Ahmed, Shamsuddin, CA
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[73] EAGLE ELECTRIC MANUFACTURING CO., INC., US
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[54] **METHOD FOR REFINING SPEARMINT OILS AND CHEWING GUM MADE FROM SAME**
[54] **PROCEDE DE RAFFINAGE D'ESSENCES DE MENTHE VERTE ET CHEWING GUM PRODUIT A PARTIR DE CELLES-CI**
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[72] Ireland, Paul Stuart, GB
[73] British Telecommunications public limited company, GB
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[86] 1995-07-19 (PCT/GB95/01705)
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[72] Dorsey, Bruce D., US
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[72] Hungate, Randall W., US
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[72] Natarajan, Venkat, US
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[54] **SYSTEM FOR MAINTAINING A DATA BASE LOG**
[54] **SYSTEME PERMETTANT DE TENIR UN JOURNAL DE BASE DE DONNEES**
[72] Jagadish, Hosagrahar Visvesvaraya, US
[72] Kanneganti, Ramarao, US
[72] Sudarshan, Sundararajarao, US
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[54] **RESISTANCE HEATING ELEMENT WITH LARGE-AREA, THIN FILM AND METHOD**
[54] **ELEMENT DE CHAUFFE PAR RESISTANCE ELECTRIQUE A GRANDE SURFACE ET A FILM MINCE ET PROCEDE D'APPLICATION DUDIT FILM**
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[73] THERMAL DYNAMICS U.S.A., LTD. CO., US
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[30] DE (P 44 06 172.2) 1994-02-25

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[25] EN
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[54] **DISPOSITIF POUR SOULEVER ET ABAISSER UNE PAROI MOBILE D'UN LIT DE BEBE**
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[73] MEUBLES MORIGEAU LTÉE, CA
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[54] **DISTRIBUTEUR D'ENGRAIS AVEC COUTRE**
[72] SMITH, David R., US
[72] ARNOLD, Loren G., US
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[73] UNVERFERTH MANUFACTURING CO., INC., US
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[30] US (08/600,180) 1996-02-12

[11] **2,198,111**
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[51] **Int.Cl. 6H01Q 11/12 6H01Q 21/00**
[25] EN
[54] **METHOD AND ANTENNA FOR PROVIDING AN OMNIDIRECTIONAL PATTERN**
[54] **METHODE ET ANTENNE REALISANT UN DIAGRAMME DE RAYONNEMENT EQUIDIRECTIF**
[72] PHILLIPS, James Patrick, US
[73] MOTOROLA, INC., US
[85] 1997-02-20
[86] 1996-04-26 (PCT/US96/05741)
[87] (WO97/01197)
[30] US (08/493,039) 1995-06-21

[11] **2,198,821**
[13] C
[51] **Int.Cl. 6B66C 1/18 6A44B 11/04**
[25] EN
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[73] St. Germain, Dennis, US
[22] 1997-02-28
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[72] DELANEY, Pamela J., US
[72] LEONE, Shaun, US
[73] W. L. Gore & Associates, Inc., US
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[13] C
[51] **Int.Cl. 6G07F 11/00**
[25] EN
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[73] ROYAL VENDORS, INC., US
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[54] **ENSEMBLE DE RASAGE**
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[72] ANDERSON, Katherine, US
[72] MAIDER, Ralph Kenneth Jr., US
[72] YEN, Tzu-Jun, US
[73] THE GILLETTE COMPANY, US
[85] 1997-03-21
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[11] **2,201,162**
[13] C

[51] **Int.Cl. 6C07F 9/6561 6A61K 7/00**
6C07H 13/04 6C07H 15/04
[25] FR
[54] **ESTERS PHOSPHORIQUES**
D'ALKYL OU D'ACYL DIANHYDRO-
1,4:3,6-D-GLUCITOL, PROCÉDÉ DE
PRÉPARATION ET UTILISATIONS
[54] **ALKYL OR ACYL-DIANHYDRO-**
1,4:3,6-D-GLUCITOL OR ALKYL
PHOSPHORIC ESTERS-UTILIZATION
AND PREPARATION PROCEDURE
[72] BERNARD, Daniel, FR
[72] FOUQUAY, Stéphane, FR
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[73] Ceca S.A., FR
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[30] FR (96 03 813) 1996-03-27

[11] **2,203,147**
[13] C

[51] **Int.Cl. 6C06C 5/04 6C06C 7/00**
[25] EN
[54] **ALTERNATE SIGNAL PATH**
ISOLATION MEMBER AND NON-
ELECTRIC DETONATOR CAP
INCLUDING THE SAME
[54] **ELEMENT ISOLANT A TRAJET DE**
SIGNAL DETOURNE ET CAPSULE DE
DETONATEUR NON ELECTRIQUE LE
COMPORANT
[72] GLADDEN, Ernest L., US
[72] ZAPPALORTI, Alvaro, US
[72] PELLON, Steven R., US
[72] DAVIS, Eric R., US
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[13] C

[51] **Int.Cl. 6A45D 40/26**
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[54] **ENSEMBLE DE**
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MASCARA
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[73] L'OREAL, FR
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[11] **2,204,148**
[13] C

[51] **Int.Cl. 6B65H 54/22 6D05C 15/18**
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[54] **PROCEDE D'ALIMENTATION EN**
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[72] WALKER, William Charles, US
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[13] C

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[54] **VENTURI EN LIGNE**
[72] PHILLIPS, Richard Stanley, CA
[72] BOWMAN, Gerald Earl, CA
[72] PRESTON, Michael John, CA
[72] CONRAD, Helmut Gerhard, CA
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[13] C

[51] **Int.Cl. 6D21F 7/08**
[25] EN
[54] **PAPERMAKING BELT HAVING**
SEMICONTINUOUS PATTERN AND
PAPER MADE THEREON
[54] **TOILE DE MACHINE A PAPIER A**
MOTIF SEMI-CONTINU ET PAPIER
OBTENU
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[72] HENSLER, Thomas Anthony, US
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[11] **2,207,695**
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[54] **UNITE DE STORES VERTICAUX**
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[13] C

[51] **Int.Cl. 6E04B 1/343**
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CONVENIENCE STORE
[54] **MAGASIN DE PROXIMITE**
ACCESSIBLE EN AUTOMOBILE,
PREFABRIQUE ET TRANSPORTABLE
[72] FRANCIS, Scott, US
[72] ARGENTI, Al, US
[72] BARED, Maurice, US
[72] BARED, Rebeca, US
[72] JENNINGS, Barry, US
[72] VAN DOORN, Roy, US
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OU DE PRODUIT DE SOIN**
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[72] GUERET, Jean-Louis H., FR
[73] L'OREAL, FR
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[13] C

[51] **Int.Cl. 6D21F 1/12**
[25] EN
[54] **PIN SEAM WITH DOUBLE END
LOOPS AND METHOD**
[54] **COUTURE A AIGUILLE AVEC
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ET PROCEDE CORRESPONDANT**
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[72] KUCKART, Stephanie, BE
[72] FICKERS, Gisela, BE
[73] ASTEN, INC., US
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[87] (WO97/28307)
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[11] **2,220,819**
[13] C

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6G08C 17/02**
[25] EN
[54] **SYSTEM AND METHOD FOR
COMMUNICATING BETWEEN A
RAILWAY WAYSIDE SYSTEM AND A
LOCOMOTIVE CAB**
[54] **SYSTEME ET METHODE
SERVANT A ETABLIR UNE
COMMUNICATION ENTRE UN
DETECTEUR INSTALLE LE LONG
D'UNE VOIE FERREE ET LA CABINE
D'UNE LOCOMOTIVE**
[72] GOTTSCHLICH, Kenneth, US
[72] MECCA, Randall S., US
[72] EHRENBERGER, Michael J., US
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[11] * **2,226,597**
[13] C

[51] **Int.Cl. 6E03C 1/18**
[25] EN
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[72] CINKANT, Anthony, CA
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[51] **Int.Cl. 6H03J 7/02 6H03L 7/07 6H04B
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[25] EN
[54] **HIGHLY STABLE FREQUENCY
SYNTHESIZER LOOP WITH
FEEDFORWARD**
[54] **BOUCLE SYNTHETISEUR DE
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[72] WHITEHOUSE, Thomas C., US
[73] Scientific-Atlanta, Inc., US
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[13] C

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ATTACHED FACING PANELS**
[54] **MUR DE SOUTENEMENT A
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[11] **2,246,030**
[13] C

[51] **Int.Cl. 6B29C 43/00**
[25] EN
[54] **PROCESS FOR PRODUCING
ULTRA-HIGH MOLECULAR WEIGHT
LOW MODULUS POLYETHYLENE
SHAPED ARTICLES**
[54] **PROCEDE DE FABRICATION
D'ARTICLES FACONNES EN
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[72] LI, Stephen, US
[73] NEW YORK SOCIETY FOR THE
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MAINTAINING THE HOSPITAL, US
[85] 1998-08-11
[86] 1997-02-05 (PCT/US97/01913)
[87] (WO97/29895)
[30] US (08/602,878) 1996-02-16

[11] **2,247,114**
[13] C

[51] **Int.Cl. 6A23L 2/52 6A61K 33/06
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[25] EN
[54] **LIQUID ORAL COMPOSITIONS
COMPRISING A CALCIUM
COMPOUND AND AN ACIDULANT**
[54] **COMPOSITIONS LIQUIDES A
USAGE BUCCAL, COMPRENANT UN
COMPOSE DE CALCIUM ET UN
ACIDULANT**
[72] PARKER, David Myatt, GB
[73] SMITHKLINE BEECHAM P.L.C., GB
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[30] GB (9603518.3) 1996-02-20

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[25] EN
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[54] **APPAREIL DE SAISIE D'IMAGES**
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[72] TAKAGAWA, Makoto, JP
[72] MORIKAWA, Shuichi, JP
[72] MIYAUCHI, Yasunori, JP
[72] ISHIDA, Satoshi, JP
[73] FUJITSU LIMITED, JP
[73] PFU Limited, JP
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[62] 2,102,298
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[30] JP (4/128,049) 1992-04-20
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[30] JP (4/335,574) 1992-11-19

[11] **2,257,651**
[13] C

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[25] EN
[54] **IMAGE READING APPARATUS**
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[30] JP (4/93746) 1992-03-19
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[11] **2,257,653**
[13] C

[51] **Int.Cl. 6H04N 1/31 6H04N 1/04**
[25] EN
[54] **IMAGE READING APPARATUS**
[54] **APPAREIL DE SAISIE D'IMAGES**
[72] TAKAGAWA, Makoto, JP
[72] ISHIDA, Satoshi, JP
[72] FUTATSUKA, Masahiko, JP
[72] MORIKAWA, Shuichi, JP
[72] MIYAUCHI, Yasunori, JP
[72] MASUDA, Minoru, JP
[73] FUJITSU LIMITED, JP
[73] PFU Limited, JP
[22] 1993-03-19
[62] 2,102,298
[30] JP (4/93746) 1992-03-19
[30] JP (4/128,049) 1992-04-20
[30] JP (4/128,051) 1992-04-20
[30] JP (4/335,574) 1992-11-19

[11] **2,257,650**
[13] C

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[25] EN
[54] **IMAGE READING APPARATUS**
[54] **APPAREIL DE SAISIE D'IMAGES**
[72] MORIKAWA, Shuichi, JP
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[30] JP (4/335,574) 1992-11-19

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[13] C

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[25] EN
[54] **IMAGE READING APPARATUS**
[54] **APPAREIL DE SAISIE D'IMAGES**
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[30] JP (4/335,574) 1992-11-19

[11] **2,257,654**
[13] C

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[54] **IMAGE READING APPARATUS**
[54] **APPAREIL DE SAISIE D'IMAGES**
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[72] ISHIDA, Satoshi, JP
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[54] **IMAGE READING APPARATUS**
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[11] **2,271,551**
[13] C

[51] **Int.Cl. 6G11B 7/00**
[25] EN
[54] **A DISK RECORDING SYSTEM**
AND A METHOD OF CONTROLLING
THE ROTATION OF A TURNTABLE IN
SUCH A DISK RECORDING SYSTEM
[54] **UN SYSTEME**
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VITESSE DE ROTATION DU PLATEAU
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[72] LABINSKY, Alexander Numa, GB
[72] REYNOLDS, Gerald Alfred John, GB
[72] HALLIDAY, Jonathan, GB
[73] LABINSKY, Alexander Numa,
[73] REYNOLDS, Gerald Alfred John,
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[62] 2,088,737

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[51] **Int.Cl. 6A61F 2/24**
[25] EN
[54] **SUTURE RINGS FOR ROTATABLE**
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[54] **BAGUES DE SUTURE DESTINEES**
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[72] GUO, George, US
[72] STOBIE, Robert, US
[73] BAXTER INTERNATIONAL INC., US
[85] 1999-01-21
[86] 1997-06-06 (PCT/US97/09871)
[87] (WO98/04213)
[30] US (08/688,672) 1996-07-29

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[54] **IMPROVED ANIMAL TRAP**
[72] BÉLISLE, Édouard, CA
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[13] C

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[25] EN
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[54] **MONTAGE DE PRELEVEMENT**
[72] BURNS, James A., US
[73] BECTON, DICKINSON AND
COMPANY, US
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[62] 2,122,683
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[13] A1

[51] Int.Cl. **6B61L 29/00 6F41B 9/00 6B61F 19/00**
[25] EN
[54] **SPLASH**
[54] **L'ASPERGEUR**
[72] TURCOTTE, Steven Luc, CA
[71] TURCOTTE, Steven Luc, CA
[22] 1998-06-19
[43] 1999-12-19

[21] **2,237,738**
[13] A1

[51] Int.Cl. **6A63B 53/14**
[25] EN
[54] **THE MAHARAJ CUSHION**
[54] **COUSSIN MAHARAJ**
[72] MAHARAJ, Sudarshan, CA
[71] MAHARAJ, Sudarshan, CA
[22] 1998-06-23
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[21] **2,237,740**
[13] A1

[51] Int.Cl. **6G04C 17/00 6G04B 45/00 6G04B 19/06 6G04B 19/22**
[25] EN
[54] **WORLD CLOCK**
[54] **HORLOGE UNIVERSELLE**
[72] RADHAKRISHNAN, Chidambaram, CA
[72] DHURUVASANGARY, Veerasingham, CA
[71] RADHAKRISHNAN, Chidambaram, CA
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[22] 1998-06-25
[43] 1999-12-25

[21] **2,237,736**
[13] A1

[51] Int.Cl. **6B29D 23/00**
[25] EN
[54] **A PROCESS FOR MANUFACTURING FIBRE REINFORCED PLASTIC MASTS, SPARS OR COLUMNS**
[54] **PROCESSUS DE FABRICATION DE MATS, D'ESPARS OU DE COLONNES DE PLASTIQUE ARME**
[72] BEADON, Cole H.C., CA
[71] BEADON, Cole H.C., CA
[22] 1998-06-22
[43] 1999-12-22

[21] **2,237,739**
[13] A1

[51] Int.Cl. **6C12Q 1/68 6G01N 33/569**
[25] EN
[54] **A SPECIFIC AND SENSITIVE METHOD TO DETECT PRPSC IN PERIPHERAL BLOOD USING A CAPTURE-IMMUNOSORBENT ASSAY-POLYMERASE CHAIN REACTION (PRP-IMMUNO-PCR)**
[54] **METHODE SPECIFIQUE ET SENSIBLE POUR DETECTER LES PRPSC DANS LE SANG PERIPHERIQUE A L'AIDE D'UNE REACTION EN CHAINE DE LA POLYMERASE PAR DOSAGE D'IMMUNOADSORBANT EN CAPTIVITE (PRP-IMMUNO-PCR)**
[72] TETRO, Jason Anthony, CA
[71] TETRO, Jason Anthony, CA
[22] 1998-06-23
[43] 1999-12-23

[21] **2,238,082**
[13] A1

[51] Int.Cl. **6C23F 11/14**
[25] EN
[54] **METHODS OF INHIBITING CORROSION USING HALO-BENZOTRIALZOLES**
[54] **METHODE POUR PREVENIR LA CORROSION EN UTILISANT DES HALO-BENZOTRIALZOLES**
[72] REICHGOTT, David W., US
[72] ANDERSON, Sydia B., US
[72] MONINO, Anita G., US
[72] CADY, Michael A., US
[72] MAY, Roger C., US
[71] BETZDEARBORN INC., US
[22] 1998-06-23
[43] 1999-12-23

[21] **2,237,737**
[13] A1

[51] Int.Cl. **6A47C 17/66 6A47C 27/10**
[25] EN
[54] **THE PORTAPEDIC**
[54] **MATELAS ORTHOPEDIQUE (PORTAPEDIC)**
[72] COMSTOCK, Bruce, CA
[72] LEVINE, Al, US
[71] COMSTOCK, Bruce, CA
[71] LEVINE, Al, US
[22] 1998-06-22
[43] 1999-12-22

[21] **2,239,387**
[13] A1

[51] Int.Cl. **6B25B 23/16 6B25G 1/08**
[25] EN
[54] **IMPROVED TOOL HANDLE**
[54] **MANCHE D'OUTIL AMELIORE**
[72] WU, Arthur, TW
[71] ORBIT TOOLS LIMITED, CA
[71] RETAIL MARKETING SERVICES, CA
[22] 1998-06-22
[43] 1999-12-22

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[13] A1
[51] **Int.Cl. 6C04B 14/04 6C04B 20/10 6C04B 16/12 6E04B 1/74**
[25] EN
[54] **INSULATING CONSTRUCTION MATERIAL**
[54] **MATERIAU DE CONSTRUCTION ISOLANT**
[72] CIPIN, Jozef, CA
[71] CIPIN, Jozef, CA
[22] 1998-06-19
[43] 1999-12-19

[21] **2,241,063**
[13] A1
[51] **Int.Cl. 6B60R 25/06 6B60R 25/00**
[25] EN
[54] **DISABLING DEVICE FOR MOTORIZED VEHICLE**
[54] **DISPOSITIF POUR METTRE HORS D'ETAT UN VEHICULE A MOTEUR**
[72] GILKES, Daniel W., CA
[71] GILKES, Daniel W., CA
[22] 1998-06-19
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[21] **2,241,064**
[13] A1
[51] **Int.Cl. 6C22B 3/18 6C12S 13/00**
[25] EN
[54] **BACTERIAL MEDIUM FOR ZINC LEACHING WITHOUT IRON**
[54] **MILIEU BACTERIEN POUR LIXIVIATION DE ZINC SANS LIXIVIATION DE FER**
[72] SUZUKI, Isamu, CA
[72] HARAHC, Lesia, CA
[71] UNIVERSITY OF MANITOBA, CA
[22] 1998-06-19
[43] 1999-12-19

[21] **2,241,067**
[13] A1
[51] **Int.Cl. 6H04N 5/21 6H04N 7/015**
[25] EN
[54] **DIGITAL TELEVISION RECEIVER WITH ADAPTIVE FILTER CIRCUITRY FOR SUPPRESSING NTSC CO-CHANNEL INTERFERENCE**
[54] **TELEVISEUR NUMERIQUE DOTE D'UNE CIRCUITERIE DE FILTRE ADAPTEE POUR LA SUPPRESSION D'INTERFERENCE DANS LA MEME VOIE NTSC**
[72] LIMBERG, Allen LeRoy, US
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 1998-06-19
[43] 1999-12-19

[21] **2,241,116**
[13] A1
[51] **Int.Cl. 6H05G 1/02 6H05G 1/08**
[25] EN
[54] **RADIATION (E.G. X-RAY PULSE) GENERATOR MECHANISMS**
[54] **MECANISME DE GENERATION DE RADIATION (EX. : IMPULSIONS DE RAYONS X)**
[72] DREW, Stephen, CA
[72] EICH, Jacob, CA
[72] ZHANG, Liyan, US
[72] PANARELLA, Emilio, CA
[72] PHILIPPE, Albert, CA
[71] DREW, Stephen, CA
[71] EICH, Jacob, CA
[71] ZHANG, Liyan, US
[71] PANARELLA, Emilio, CA
[71] PHILIPPE, Albert, CA
[22] 1998-06-19
[43] 1999-12-19

[21] **2,241,127**
[13] A1
[51] **Int.Cl. 6C22C 38/14 6C21D 8/00**
[25] EN
[54] **METHOD OF MANUFACTURING THICK STEEL PRODUCT OF HIGH STRENGTH AND HIGH TOUGHNESS HAVING EXCELLENT WELDABILITY AND MINIMAL VARIATION OF STRUCTURE AND PHYSICAL PROPERTIES**
[54] **MODE D'OBTENTION D'UN PRODUIT EN ACIER EPAIS A HAUTE RESISTANCE ET ROBUSTESSE SE PRETANT TRES BIEN AU SOUDAGE ET PRESENTANT DES VARIATIONS MINIMALES DE SES CARACTERISTIQUES PHYSIQUES ET STRUCTURELLES**
[72] HAYASHI, Tohru, JP
[72] OKATSU, Mitsuhiro, JP
[72] AMANO, Keniti, JP
[72] KAWABATA, Fumimaru, JP
[71] KAWASAKI STEEL CORPORATION, JP
[22] 1998-06-19
[43] 1999-12-19

[21] **2,241,165**
[13] A1
[51] **Int.Cl. 6A61H 37/00**
[25] EN
[54] **PHYSIOTHERAPY INSTRUMENT**
[54] **OUTIL DE PHYSIOTHERAPIE**
[72] KNEESHAW, David C. O., AU
[71] KNEESHAW, David C. O., AU
[22] 1998-06-19
[43] 1999-12-19

[21] **2,241,168**
[13] A1
[51] **Int.Cl. 6C02F 1/14**
[25] EN
[54] **WATER PURIFYING APPARATUS AND PROCESS**
[54] **APPAREIL ET PROCESSUS POUR L'ASSAINISSEMENT DE L'EAU**
[72] DABLEH, Youssef Hanna, CA
[71] DABLEH, Youssef Hanna, CA
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[43] 1999-12-19

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[13] A1

[51] **Int.Cl. 6A01K 3/00 6A01K 1/00 6A01K 11/00**
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[54] **HOG SORTER**
[54] **TRIEUR DE PORCS**
[72] ABRAMS, Frank, CA
[71] ENNS, Darryl, CA
[22] 1998-06-19
[43] 1999-12-19

[21] **2,241,289**
[13] A1

[51] **Int.Cl. 6E04B 2/78**
[25] EN
[54] **WORKSPACE WALL SYSTEM WITH ELEVATED RACEWAY**
[54] **SYSTEME D'ESPACE DE TRAVAIL AVEC MUR MUNI D'UN CHEMIN DE ROULEMENT SURELEVE**
[72] EDWARDS, John R., CA
[71] EDWARDS, John R., CA
[22] 1998-06-22
[43] 1999-12-22

[21] **2,241,290**
[13] A1

[51] **Int.Cl. 6F02M 31/10 6F02M 25/10**
[25] EN
[54] **AIR AND FUEL SYSTEM FOR CARBURETOR AND FUEL INJECTION SYSTEMS**
[54] **SYSTEME D'AIR ET CIRCUIT DE CARBURANT POUR CARBURATEUR ET SYSTEMES D'INJECTION DE CARBURANT**
[72] COX, Carl C., US
[71] COX, Carl C., US
[22] 1998-06-22
[43] 1999-12-22

[21] **2,241,350**
[13] A1

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[25] EN
[54] **BOOM GUIDANCE**
[54] **GUIDAGE DE FLECHE**
[72] KORNELSON, Albert, CA
[71] KORNELSON, Albert, CA
[22] 1998-06-19
[43] 1999-12-19

[21] **2,241,354**
[13] A1

[51] **Int.Cl. 6B65D 88/08 6B65D 90/08 6B65D 90/50**
[25] EN
[54] **DOUBLE WALL TANK**
[54] **RESERVOIR A DOUBLE PAROI**
[72] MITCHELL, R.W. (Rick), CA
[72] BARON, Roger J., CA
[72] HOFFMAN, Robert W., CA
[71] NUSCO MANUFACTURING & SUPPLY LTD., CA
[22] 1998-06-19
[43] 1999-12-19

[21] **2,241,358**
[13] A1

[51] **Int.Cl. 6E21B 23/00**
[25] EN
[54] **DOWNHOLE ANCHOR**
[54] **ANCRE DE FOND DE Puits**
[72] ALDRIDGE, Colin A., CA
[71] IPEC LTD., CA
[22] 1998-06-19
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[21] **2,241,359**
[13] A1

[51] **Int.Cl. 6G01C 1/00 6G01B 21/22**
[25] EN
[54] **GONIOMETER AND METHOD OF USE THEREOF**
[54] **GONIOMETRE ET SON MODE D'EMPLOI**
[72] WILLIAMSON, Richard, CA
[72] ANDREWS, Brian J., CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 1998-06-19
[43] 1999-12-19

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[13] A1

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[54] **STRAP CLIP FOR ELECTRIC HEATING CABLES**
[54] **PINCE DE FIXATION POUR CABLES DE CHAUFFAGE ELECTRIQUE**
[72] DONLAN, Andrew, CA
[72] MILLARD, Jeff, CA
[72] CHAN, Michael, CA
[71] EASY HEAT LTD., CA
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[21] **2,241,476**
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[51] **Int.Cl. 6C22C 19/03 6H01M 4/24**
[25] EN
[54] **A HYDROGEN ABSORBING ALLOY FOR BATTERY APPLICATION**
[54] **ALLIAGE ABSORBANT L'HYDROGENE POUR PILES ALCALINES**
[72] YAO, Li-Ho, TW
[72] HUANG, Yongchang, TW
[72] LIU, Wenhua, TW
[71] YAO, Li-Ho, TW
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[13] A1

[51] **Int.Cl. 6E21B 43/24**
[25] EN
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[54] **DEMARRAGE DE CHAUFFAGE PAR CONVECTION POUR LA RECUPERATION DU PETROLE LOURD**
[72] CHHINA, Harbir Singh, CA
[71] AEC EAST UNIT OF AEC OIL & GAS PARTNERSHIP, CA
[22] 1998-06-23
[43] 1999-12-23

[21] **2,241,480**
[13] A1

[51] **Int.Cl. 6A63F 3/06 6G08B 3/10**
[25] EN
[54] **PORTABLE BINGO CALLER**
[54] **CRIEUR DE BINGO PORTATIF**
[72] McGOWAN, Jennifer A., CA
[71] McGOWAN, Jennifer A., CA
[22] 1998-06-23
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[21] **2,241,481**
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[51] **Int.Cl. 6B27B 27/02 6B27B 25/00 6B27B 27/10**
[25] EN
[54] **STEPPED POSITIONING FENCE**
[54] **CLOTURE DE POSITIONNEMENT**
[72] NEWNES, William R., CA
[72] WIGHT, Geoff, CA
[71] NEWNES MACHINE LTD., CA
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[51] **Int.Cl. 6C08F 4/68 6C08F 10/00**
[25] EN
[54] **OLEFIN POLYMERWITH LONG CHAIN BRANCHING, AND PROCESS AND CATALYST SYSTEM THEREFOR**
[54] **POLYMERE OLEFINIQUE AVEC RAMIFICATION A LONGUE CHAINE ET PROCESSUS ET SYSTEME CATALYTIQUES CONNEXES**
[72] PADLIYA, Dilipkumar, CA
[72] ZAHALKA, HAYDER A., CA
[71] BAYER INC., CA
[22] 1998-06-24
[43] 1999-12-24

[21] **2,241,506**
[13] A1
[51] **Int.Cl. 6G08C 21/00 6G06F 3/03 6G01D 5/12**
[25] EN
[54] **DEVICE FOR OBTAINING POSITIONAL INFORMATION**
[54] **APPAREIL DE DETERMINATION DE LA POSITION**
[72] WOODFIELD, David Alan, GB
[71] WOODFIELD, David Alan, GB
[22] 1998-06-22
[43] 1999-12-22

[21] **2,241,512**
[13] A1
[51] **Int.Cl. 6B63C 9/26 6A62B 37/00**
[25] EN
[54] **MARINE RESCUE SNARE**
[54] **COLLET A NOEUD COULISSANT POUR SAUVETAGE EN MER**
[72] KELLETT, K. Craige, CA
[71] KELLETT, K. Craige, CA
[22] 1998-06-25
[43] 1999-12-25

[21] **2,241,522**
[13] A1
[51] **Int.Cl. 6B62K 5/04 6B62B 11/00 6B62K 17/00 6B62M 29/00 6A63C 17/01**
[25] EN
[54] **DUAL FOOTBOARD OFF-ROAD SCOOTER**
[54] **SCOOTER TOUT TERRAIN A DOUBLE MARCHEPIED**
[72] RAPPAPORT, Mark, US
[71] RAPPAPORT, Mark, US
[22] 1998-06-24
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[21] **2,241,523**
[13] A1
[51] **Int.Cl. 6B60R 16/08 6F15B 21/00**
[25] EN
[54] **TRACTOR HYDRAULICS MATCHING SYSTEM**
[54] **SYSTEME D'ASSOCIATION DES SORTIES HYDRAULIQUES D'UN TRACTEUR**
[72] LEMARE, David, CA
[72] WHITE, Craig, CA
[71] LEMARE, David, CA
[71] WHITE, Craig, CA
[22] 1998-06-24
[43] 1999-12-24

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[13] A1
[51] **Int.Cl. 6H01M 8/02 6H01M 2/14 6H01M 2/20**
[25] EN
[54] **FLOW FIELD PLATE**
[54] **PLAQUE POUR CHAMP DE FLUX**
[72] MACKELVIE, Winston R., CA
[71] BONDFACE TECHNOLOGY INC., CA
[22] 1998-06-23
[43] 1999-12-23

[21] **2,241,575**
[13] A1
[51] **Int.Cl. 6A61F 5/01**
[25] EN
[54] **COUPLING AND ORTHOTIC BRACE INCORPORATING THE COUPLING**
[54] **RACCORD ET PROTHESE INCORPORANT CELUI-CI**
[72] SAMILA, Ivan D., CA
[72] OSTROM, Devin J., CA
[72] NAUMANN, Stephen, CA
[71] BLOORVIEW MACMILLAN CENTRE, CA
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[43] 1999-12-23

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[13] A1
[51] **Int.Cl. 6C12N 15/18 6C12N 5/06 6C12N 5/08 6C12N 15/85 6C12N 15/87**
[25] EN
[54] **EFFICIENT NON-VIRAL TRANSDUCTION AND CULTURE OF ERYTHROID CELLS**
[54] **TRANSDUCTION EFFICACE NON VIRALE ET CULTURE DE CELLULES ERYTHROCYTES**
[72] MUELLER, Susan, CA
[72] BELL, David, CA
[72] MATTHEWS, Kathryn, CA
[71] HEMOSOL INC., CA
[22] 1998-06-25
[43] 1999-12-25

[21] **2,241,577**
[13] A1
[51] **Int.Cl. 6A21D 13/08**
[25] EN
[54] **DOUBLE-CRUSTED FOOD PRODUCT AND METHOD OF PREPARATION**
[54] **PRODUIT ALIMENTAIRE A CROUTE DOUBLE ET METHODE DE PREPARATION CONNEXE**
[72] GARBER, Alex, CA
[71] FIERA FOODS INC., CA
[22] 1998-06-24
[43] 1999-12-24

[21] **2,241,647**
[13] A1
[51] **Int.Cl. 6A61K 31/19 6A61K 47/02 6A61K 38/13 6A61K 33/30 6A61K 31/315**
[25] EN
[54] **TRANSITIONAL METAL COMPLEXES OF NON STEROIDAL ANTI-INFLAMMATORY DRUGS**
[54] **COMPLEXES METALLIQUES TRANSITIONNELS D'ANTI-INFLAMMATOIRES NON STEROIDES**
[72] SINGH, Amarjit, IN
[72] SINGLA, Anil, IN
[72] JAIN, Rajesh, IN
[71] PANACEA BIOTEC LIMITED, IN
[22] 1998-06-24
[43] 1999-12-24

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[21] **2,241,668**
[13] A1

[51] **Int.Cl. 6A61F 2/50 6A61K 7/40 6A61F 2/76**
[25] EN
[54] **METHOD OF ENHANCING THE APPEARANCE OF A BODY AREA AND FOR MANUFACTURING A MASK FOR USE IN SUCH METHOD**
[54] **METHODE POUR AMELIORER L'ASPECT D'UNE REGION DU CORPS ET POUR FABRIQUER UN MASQUE DEVANT ETRE UTILISE DANS CETTE METHODE**
[72] LAFUENTE, Henry, US
[71] IFS, L.C., US
[22] 1998-06-23
[43] 1999-12-23

[21] **2,241,695**
[13] A1

[51] **Int.Cl. 6C08L 25/06 6B32B 25/02 6C08L 75/04 6B32B 5/30**
[25] EN
[54] **INSULATING COMPOSITIONS**
[54] **COMPOSITIONS ISOLANTES**
[72] BOUDREAU, Brian, CA
[71] SPECIALTY COATINGS LTD., CA
[22] 1998-06-24
[43] 1999-12-24

[21] **2,241,696**
[13] A1

[51] **Int.Cl. 6H01M 10/04 6H01M 4/00**
[25] EN
[54] **LITHIUM SECONDARY BATTERY**
[54] **BATTERIE SECONDAIRE AU LITHIUM**
[72] NEMOTO, Hiroshi, JP
[72] KUROKAWA, Teruhisa, JP
[71] NGK INSULATORS, LTD., JP
[22] 1998-06-24
[43] 1999-12-24

[21] **2,241,732**
[13] A1

[51] **Int.Cl. 6E21B 33/124**
[25] EN
[54] **DOWNWELL ISOLATOR**
[54] **ISOLATEUR DE PLONGEE**
[72] CAIN, Michael A., US
[71] UNION OIL COMPANY OF CALIFORNIA, US
[22] 1998-06-25
[43] 1999-12-25

[21] **2,241,736**
[13] A1

[51] **Int.Cl. 6A47L 17/00**
[25] EN
[54] **CLEANING DEVICE FOR FONDUE FORKS**
[54] **DISPOSITIF DE NETTOYAGE DE FOURCHETTES A FONDUE**
[72] DÉSY, Michel, CA
[71] DÉSY, Michel, CA
[22] 1998-06-25
[43] 1999-12-25

[21] **2,241,737**
[13] A1

[51] **Int.Cl. 6G09B 21/00 6G09B 21/04 6A61F 11/04 6A61F 9/08 6A61F 2/48**
[25] EN
[54] **METHOD OF CONVEYING INFORMATION TO NERVOUS SYSTEM OF A PERSON**
[54] **METHODE DE TRANSMISSION D'INFORMATION AU SYSTEME NERVEUX D'UNE PERSONNE**
[72] FINGEROV, Gavriil M., RU
[72] ILUSHENKO, Sergei V., RU
[71] FINGEROV, Gavriil M., RU
[22] 1998-06-25
[43] 1999-12-25

[21] **2,241,766**
[13] A1

[51] **Int.Cl. 6C09D 5/08**
[25] EN
[54] **ONE-PART ORGANOPOLYSILOXANE RUBBER COMPOSITION FOR USE AS A CORROSION PROTECTION COATING ON METALS**
[54] **COMPOSITION SIMPLE DE CAOUTCHOUC DE SILICONE POUR UTILISER COMME REVETEMENT PROTECTEUR CONTRE LA CORROSION SUR LES METAUX**
[72] CHERNEY, Edward A., CA
[72] MISTRY, Balwantrai, CA
[72] HUDA, Seraj ul, CA
[72] BARR, John, CA
[71] CSL SILICONES INC., CA
[22] 1998-06-25
[43] 1999-12-25

[21] **2,241,768**
[13] A1

[51] **Int.Cl. 6A45F 3/14 6A45F 5/00 6H04M 1/00 6H04Q 7/14 6H04Q 7/32**
[25] EN
[54] **A PERSONAL COMMUNICATION SYSTEM ACCESSORY**
[54] **ACCESSOIRE DE SYSTEME DE COMMUNICATION PERSONNEL**
[72] KESTENBERG, Martin L., CA
[71] KESTENBERG, Martin L., CA
[22] 1998-06-25
[43] 1999-12-25

[21] **2,242,014**
[13] A1

[51] **Int.Cl. 6F15B 13/044**
[25] FR
[54] **DISPOSITIF ACTIONNEUR POSITIONNEUR POUR L'ASSERVISSEMENT D'UN SERVOMOTEUR**
[54] **POSITIONING AND ACTUATING DEVICE FOR SERVOACTUATOR POWER-ASSISTANCE**
[72] MARENGO, Michel, FR
[71] AMC (ACTION MESURE CONTRÔLE) S.A., FR
[22] 1998-06-22
[43] 1999-12-22

[21] **2,242,017**
[13] A1

[51] **Int.Cl. 6C07D 317/22 6C07D 413/02 6C07D 319/06 6C07D 321/06 6C07D 407/06 6C07D 407/12 6C08L 101/12 6C07D 263/14 6C07C 43/166 6C07D 303/22 6C08G 65/26 6H01M 4/60**
[25] FR
[54] **MONOMERES A DOUBLE FONCTION PERMETTANT LEUR POLYMERISATION SEQUENTIELLE; LEURS UTILISATIONS, NOTAMMENT POUR LA PREPARATION DE CONDUCTEURS IONIQUES**
[54] **DUAL FUNCTION BLOCK POLYMERIZATION MONOMERS; THEIR APPLICATIONS, ESPECIALLY IN THE PREPARATION OF IONIC CONDUCTORS**
[72] GAUTHIER, Michel, CA
[72] ARMAND, Michel, CA
[72] HARVEY, Paul-Étienne, CA
[72] VALLÉE, Alain, CA
[72] MICHOT, Christophe, CA
[71] HYDRO-QUÉBEC, CA
[22] 1998-06-25
[43] 1999-12-25

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[21] **2,242,069**
[13] A1
[51] **Int.Cl. 6G06F 15/18 6G06F 7/00**
[25] EN
[54] **POSSIBILISTIC EXPERT SYSTEMS AND PROCESS CONTROL UTILIZING FUZZY LOGIC**
[54] **SYSTEMES EXPERTS POSSIBILISTES ET COMMANDE DE PROCESSUS UTILISANT UNE LOGIQUE FLOUE**
[72] DAAMS, Johanna Maria, CA
[72] STROBEL STEWART, Lorna, CA
[71] POSTLINEAR MANAGEMENT INC., CA
[22] 1998-06-25
[43] 1999-12-25

[21] **2,242,316**
[13] A1
[51] **Int.Cl. 6C12N 15/58 6C07H 21/00 6A61K 48/00 6A61K 39/09 6A61K 39/116 6A61K 39/295 6C07K 16/40 6G01N 33/569 6G01N 33/573 6C12N 15/62 6C12Q 1/68 6A61K 31/70 6C12N 9/70 6C12N 9/96**
[25] EN
[54] **DNA ENCODING A PLASMINOGEN ACTIVATING PROTEIN**
[54] **ADN CODANT UNE PROTEINE ACTIVANT LE PLASMINOGENE**
[72] ROSEY, Everett Lee, US
[72] YANCEY, Robert John, Jr., US
[72] LEIGH, James Andrew, GB
[71] PFIZER INC., US
[22] 1998-07-06
[43] 1999-12-19
[30] CA (2,235,471) 1998-06-19

[21] **2,242,665**
[13] A1
[51] **Int.Cl. 6G09F 3/10 6B65D 55/06 6G01N 1/28**
[25] EN
[54] **INTEGRITY SEAL FORM/LABEL COMBINATION FOR ROBOTICS SYSTEMS**
[54] **SCEAU D'INTEGRITE SOUS FORME D'ETIQUETTE-FORMULAIRE POUR SYSTEMES ROBOTIQUES**
[72] MOOR, Richard L., US
[72] POST, Cliff J., US
[72] MAIER, Michael C., US
[72] PETRICK, Kathryn D., US
[71] MOORE U.S.A., INC., US
[22] 1998-07-08
[43] 1999-12-24
[30] US (09/102,879) 1998-06-24

[21] **2,242,979**
[13] A1
[51] **Int.Cl. 6B26F 1/02**
[25] EN
[54] **PUNCHING APPARATUS**
[54] **APPAREIL DE POINCONNAGE**
[72] STRECK, Hans-Dieter, DE
[71] CFS FALKENROTH UMFORMTECHNIK GMBH & CO., DE
[22] 1998-07-14
[43] 1999-12-23
[30] EP (98 111 481.2) 1998-06-23

[21] **2,244,763**
[13] A1
[51] **Int.Cl. 6B26D 5/00 6B26D 1/46**
[25] EN
[54] **BANDSAW AND BANDSAW CONTROLLER AND METHOD**
[54] **SCIE A RUBAN, COMMANDE DE SCIE A RUBAN ET METHODE**
[72] HARRIS, Gerald R., US
[71] HEM, INC., US
[22] 1998-08-11
[43] 1999-12-25
[30] US (09/104,847) 1998-06-25

[21] **2,246,892**
[13] A1
[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6A01H 5/10**
[25] EN
[54] **CRYPTIC REGULATORY ELEMENTS IN PLANTS**
[54] **ELEMENTS REGULATEURS CRYPTIQUES DANS LES PLANTES**
[72] LABBÉ, Hélène, CA
[72] MARTIN-HELLER, Teresa, CA
[72] BROWN, Daniel Charles William, CA
[72] OUELLET, Therese, CA
[72] MIKI, Brian, CA
[72] TIAN, Lining, CA
[72] FOSTER, Elizabeth, CA
[72] HATTORI, Jiro, CA
[71] HER MAJESTY IN RIGHT OF CANADA as Represented by the MINISTER OF AGRICUL, CA
[22] 1998-09-09
[43] 1999-12-22
[30] US (09/102,312) 1998-06-22

[21] **2,247,706**
[13] A1
[51] **Int.Cl. 6G06F 11/30 6G06F 13/14 6H04L 12/26 6G06F 9/44**
[25] EN
[54] **USE OF BROWSER HISTORY FILE TO DETERMINE WEB SITE REACH**
[54] **UTILISATION DU FICHIER HISTORIQUE D'UN FURETEUR POUR DETERMINER L'ACHALANDAGE D'UN SITE WEB**
[72] BLUMENAU, Trevor, US
[71] NIELSEN MEDIA RESEARCH, INC., US
[22] 1998-09-18
[43] 1999-12-23
[30] US (09/103,026) 1998-06-23

[21] **2,250,277**
[13] A1
[51] **Int.Cl. 6A47G 29/00 6A47G 1/17 6E06B 9/266 6E06B 9/56**
[25] EN
[54] **MAGNETIC BASE HOLDER**
[54] **SUPPORT A BASE MAGNETIQUE**
[72] PITRE, Daniel, CA
[71] MAGNAFIX INC., CA
[22] 1998-11-02
[43] 1999-12-19
[30] US (60/089,876) 1998-06-19

[21] **2,254,404**
[13] A1
[51] **Int.Cl. 6H01H 9/20 6B25F 5/00 6F16P 3/00**
[25] EN
[54] **AMBIDEXTROUS POWER SWITCH LOCK-OUT MECHANISM**
[54] **MECANISME AMBIDEXTRE DE VERROUILLAGE D'UN INTERRUPTEUR D'ALIMENTATION**
[72] WASCOW, Joseph Z., US
[72] SVETLIK, Kenneth N., US
[71] S-B POWER TOOL COMPANY, US
[22] 1998-11-18
[43] 1999-12-24
[30] US (09/103,380) 1998-06-24

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[21] **2,255,166**
[13] A1

[51] **Int.Cl. 6G01F 1/66 6A01D 61/00 6A01D 41/12**
[25] EN
[54] **VOLUME SENSOR FOR PADDLE ELEVATOR USING LASER LIGHT**
[54] **DETECTEUR DE VOLUME POUR ELEVATEUR DE PALETTE UTILISANT LA LUMIERE LASER**
[72] HARDEN, Philip Alan, US
[72] MAHIN-FALLAH, Ahmad, US
[72] SKARIE, Christopher Jason, US
[71] DEERE & COMPANY, US
[71] PHOENIX INTERNATIONAL, US
[22] 1998-12-16
[43] 1999-12-23
[30] US (09/102,928) 1998-06-23

[21] **2,255,850**
[13] A1

[51] **Int.Cl. 6C12M 1/40 6C12P 19/34 6C12M 1/38 6C12Q 1/68**
[25] EN
[54] **ROTARY THERMOCYCLING APPARATUS**
[54] **APPAREIL DE THERMOCYCLAGE ROTATIF**
[72] WHEATCROFT, Roger George Laurence, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA
[22] 1998-12-07
[43] 1999-12-21

[21] **2,259,911**
[13] A1

[51] **Int.Cl. 6A47L 25/08**
[25] EN
[54] **LINT ROLLER ASSEMBLY**
[54] **ASSEMBLAGE DE ROULEAU DEPOUSSIÈREUR**
[72] McKAY, Nicholas D., Jr., US
[71] HELMAC PRODUCTS CORPORATION, US
[22] 1999-01-22
[43] 1999-12-24
[30] US (09/104,605) 1998-06-24

[21] **2,260,589**
[13] A1

[51] **Int.Cl. 6G06K 19/07 6G06F 17/60**
[25] EN
[54] **DEBIT PURCHASING OF STORED VALUE CARD FOR USE BY AND/OR DELIVERY TO OTHERS**
[54] **METHODE D'EMISSION DE CARTES D'ACHAT PAR DEBIT**
[72] NORWINE, Jeffrey A., US
[72] PHILLIPS, Gregory J., US
[72] DEPORTE, Rebecca A., US
[72] JOINES, Penny B., US
[71] FIRST USA BANK, N.A., US
[22] 1999-02-02
[43] 1999-12-22
[30] US (09/102,044) 1998-06-22

[21] **2,261,381**
[13] A1

[51] **Int.Cl. 6G01P 1/02 6G01P 3/44 6G01P 3/487**
[25] EN
[54] **COMPACT, SELF CONTAINED, HALL-EFFECT VEHICLE SPEED SENSOR**
[54] **CAPTEUR DE VITESSE A EFFET HALL, AUTONOME ET COMPACT POUR VEHICULE**
[72] MIERZWINSKI, Eugene P., US
[71] ARTHUR ALLEN MANUFACTURING CO., US
[22] 1999-02-10
[43] 1999-12-25
[30] US (09/104,442) 1998-06-25

[21] **2,261,489**
[13] A1

[51] **Int.Cl. 6C10B 53/00**
[25] EN
[54] **METHOD OF TREATING ORGANIC AND INORGANIC WASTE MATERIAL**
[54] **METHODE DE TRAITEMENT DES DECHETS ORGANIQUES ET INORGANIQUES**
[72] IWASENKO, Joseph, CA
[71] IWASENKO, Joseph, CA
[22] 1999-02-12
[43] 1999-12-20

[21] **2,261,527**
[13] A1

[51] **Int.Cl. 6C22B 1/00**
[25] EN
[54] **METHOD OF PRETREATING ORE**
[54] **METHODE DE PRETRAITEMENT DU MINERAI**
[72] IWASENKO, Joseph, CA
[71] IWASENKO, Joseph, CA
[22] 1999-02-12
[43] 1999-12-20

[21] **2,261,880**
[13] A1

[51] **Int.Cl. 6A45D 34/00 6A45D 7/00 6A45D 24/22 6B65D 83/28**
[25] EN
[54] **HAIR TREATMENT DISPENSING CONTAINER**
[54] **CONTENANT DISTRIBUTEUR DE TRAITEMENT CAPILLAIRE**
[72] WALZ, David K., US
[72] VAN HALTERN, Frank Jr., US
[71] WALZ, David K., US
[71] VAN HALTERN, Frank Jr., US
[22] 1999-02-12
[43] 1999-12-22
[30] US (102,193) 1998-06-22

[21] **2,265,024**
[13] A1

[51] **Int.Cl. 6F16F 15/02 6F16M 1/00**
[25] EN
[54] **VIBRATION DAMPER**
[54] **AMORTISSEUR DE VIBRATIONS**
[72] CHUNG, Lap-Lai, TW
[72] TSAI, Chong-Shien, US
[71] CHUNG, Lap-Lai, TW
[71] TSAI, Chong-Shien, US
[22] 1999-03-08
[43] 1999-12-24
[30] US (09/103,557) 1998-06-24

[21] **2,265,117**
[13] A1

[51] **Int.Cl. 6H01M 2/14**
[25] EN
[54] **NON-CIRCULAR FIBER BATTERY SEPARATOR AND METHOD**
[54] **SEPARATEUR DE PILE FIBREUX NON CIRCULAIRE**
[72] DINH-SYBELDON, Ann, US
[72] OXLEY, Jeffery Allen, US
[72] DANKO, Thomas, US
[71] VISKASE CORPORATION, US
[22] 1999-03-10
[43] 1999-12-22
[30] US (09/100,872) 1998-06-22

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[21] **2,265,274**
[13] A1

[51] **Int.Cl. 6A61M 5/31**
[25] EN
[54] **MEDICATION TRANSFER CONNECTOR AND CONNECTION**
[54] **RACCORD ET RACCORDEMENT POUR TRANSFERT DE MEDICAMENT**
[72] CAIZZA, Richard J., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1999-03-15
[43] 1999-12-25
[30] US (09/104,711) 1998-06-25

[21] **2,267,478**
[13] A1

[51] **Int.Cl. 6G06F 19/00**
[25] EN
[54] **PUBLISH & SUBSCRIBE DATA PROCESSING APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT WITH USE OF A STREAM TO DISTRIBUTE LOCAL INFORMATION BETWEEN NEIGHBORS IN A BROKER STRUCTURE**
[54] **DISPOSITIF DE TRAITEMENT DE DONNEES DE PUBLICATION ET D'ABONNEMENT, METHODE ET PRODUIT D'UN PROGRAMME UTILISANT UN FLOT POUR LA DIFFUSION D'INFORMATION LOCALE ENTRE COURTIERS**
[72] WANG, Qinhuia, US
[72] RAMASWAMY, Shankar, US
[72] SCHMITZ, Donald Edwin, US
[72] HASTINGS, Andrew Blair, US
[72] YOUNG, Michael Wayne, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1999-03-30
[43] 1999-12-25
[30] US (09/104,811) 1998-06-25

[21] **2,267,917**
[13] A1

[51] **Int.Cl. 6H01J 61/30**
[25] EN
[54] **CAPACITIVE GLOW STARTING OF CERAMIC HIGH INTENSITY DISCHARGE DEVICES**
[54] **DEMARRAGE CAPACITIF A LUEUR DE DISPOSITIFS CERAMIQUES DE DECHARGE A HAUTE INTENSITE**
[72] SCHOLZ, John A., US
[71] OSRAM SYLVANIA INC., US
[22] 1999-04-06
[43] 1999-12-24
[30] US (60/090,492) 1998-06-24
[30] US (09/184,820) 1998-11-02

[21] **2,268,048**
[13] A1

[51] **Int.Cl. 6F21V 21/08 6F21V 33/00 6A47J 37/07 6F21L 15/20**
[25] EN
[54] **GRILL LIGHT**
[54] **LAMPE POUR GRIL**
[72] MASCHHOFF, Lloyd, US
[71] EMPIRE COMFORT SYSTEMS, US
[22] 1999-04-07
[43] 1999-12-24
[30] US (09/103,926) 1998-06-24

[21] **2,268,601**
[13] A1

[51] **Int.Cl. 6F21M 3/14**
[25] EN
[54] **VEHICLE HEADLAMP HAVING A LIGHT SHIELD**
[54] **PHARE AVANT DE VEHICULE MUNI D'UN ECRAN PROTECTEUR**
[72] FRAIZER, Robert L., US
[71] VALEO SYLVANIA L.L.C., US
[22] 1999-04-06
[43] 1999-12-23
[30] US (09/102,793) 1998-06-23

[21] **2,268,863**
[13] A1

[51] **Int.Cl. 6A01N 33/12 6A01N 41/02 6A01N 43/40**
[25] EN
[54] **AQUEOUS LAVATORY SURFACE RINSING AND SANITIZING COMPOSITION AND PROCESS FOR KEEPING SHOWERS CLEAN**
[54] **COMPOSITION DE RINCAGE ET DE DESINFECTION AQUEUSE POUR LES SURFACES DE LA SALLE DE BAINS ET PROCEDE POUR TENIR LA DOUCHE PROPRE**
[72] URBAN, Virginia L., US
[71] RECKITT & COLMAN INC., US
[22] 1999-04-13
[43] 1999-12-25
[30] US (60/090,633) 1998-06-25

[21] **2,269,166**
[13] A1

[51] **Int.Cl. 6H04N 1/32 6H04L 29/06**
[25] EN
[54] **FACSIMILE ROUTING USING INTERNET PROTOCOL ADDRESSING**
[54] **ROUTAGE DE TELECOPIES BASE SUR L'ADRESSAGE DU PROTOCOLE IP**
[72] NAQVI, Shamim A., US
[71] LUCENT TECHNOLOGIES, INC., US
[22] 1999-04-15
[43] 1999-12-22
[30] US (09/102,249) 1998-06-22

[21] **2,269,375**
[13] A1

[51] **Int.Cl. 6H04B 10/17**
[25] EN
[54] **LASER WITH TWO ORTHOGONAL ZIG-ZAG SLAB GAIN MEDIA FOR OPTICAL PHASE DISTORTION COMPENSATION**
[54] **LASER MUNI DE DEUX SUPPORTS ORTHOGONAUX D'AMPLIFICATION DE PLAQUE ZIGZAG POUR COMPENSATION DE DISTORTION DE PHASE OPTIQUE**
[72] ST. PIERRE, Randall J., US
[72] INJEYAN, Hagop, US
[72] PALESE, Stephen P., US
[71] TRW INC., US
[22] 1999-04-15
[43] 1999-12-25
[30] US (09/104,477) 1998-06-25

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[21] **2,270,014**
[13] A1

[51] **Int.Cl. 6B60D 1/62**
[25] EN
[54] **AN ADJUSTABLE ENCLOSURE AND MOUNTING BOX FOR A TRAILER HITCH ELECTRICAL CONNECTOR**
[54] **ENCEINTE DEPLACABLE ET BOITE POUR MONTAGE DE CONNECTEUR ELECTRIQUE AVEC DISPOSITIF D'ARRIMAGE**
[72] BELINKY, Jacob S., US
[72] ROGERS, David L., US
[71] MASCO TECH, US
[22] 1999-04-22
[43] 1999-12-19
[30] US (60/090,095) 1998-06-19

[21] **2,270,237**
[13] A1

[51] **Int.Cl. 6F25D 23/00**
[25] EN
[54] **REFRIGERATOR CABINET INCORPORATING A PLASTIC KICKFACE**
[54] **ARMOIRE DE REFRIGERATEUR COMPRENANT UNE PLAQUE DE PROTECTION EN PLASTIQUE**
[72] WOLANIN, Gerald L., US
[72] MANDEL, Sheldon W., US
[72] MYERS, John P., US
[71] MAYTAG CORPORATION, US
[22] 1999-04-27
[43] 1999-12-23
[30] US (09/102,817) 1998-06-23

[21] **2,270,308**
[13] A1

[51] **Int.Cl. 6G01N 24/08**
[25] EN
[54] **MAGNETIC FIELD GENERATOR FOR MRI, PACKING MEMBER FOR THE SAME, AND METHOD FOR PACKING THE SAME**
[54] **GENERATEUR DE CHAMP MAGNETIQUE POUR APPAREIL POUR IMAGERIE PAR RESONANCE MAGNETIQUE, DISPOSITIF ET METHODE D'EMBALLAGE DE L'APPAREIL**
[72] AOKI, Masaaki, JP
[72] HASHIMOTO, Shigeo, JP
[71] SUMITOMO SPECIAL METALS CO., LTD., JP
[22] 1999-04-28
[43] 1999-12-19
[30] JP (10-189717) 1998-06-19

[21] **2,270,496**
[13] A1

[51] **Int.Cl. 6F21S 1/02 6F21V 21/00**
[25] EN
[54] **REINFORCED HANGER BAR**
[54] **BARRE DE SUSPENSION RENFORCEE**
[72] AKIYAMA, Steven Randall, US
[71] COOPER INDUSTRIES, INC., US
[22] 1999-04-29
[43] 1999-12-22
[30] US (09/100,975) 1998-06-22

[21] **2,270,641**
[13] A1

[51] **Int.Cl. 6G06F 3/00**
[25] EN
[54] **USER INTERFACE FOR ENTERING AND EDITING DATA IN DATA ENTRY FIELDS**
[54] **INTERFACE UTILISATEUR POUR LA SAISIE ET L'EDITION DE DONNEES DANS LES ZONES DE TEXTE**
[72] NARAYANASWAMY, Shankar, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-05-03
[43] 1999-12-22
[30] US (09/102,195) 1998-06-22

[21] **2,270,700**
[13] A1

[51] **Int.Cl. 6H04M 11/04**
[25] EN
[54] **AUXILIARY MONITORING OF EMERGENCY ACCESS CALLS**
[54] **SUIVI AUXILIAIRE DES APPELS D'URGENCE**
[72] SMITH, Harold R., Jr., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-05-04
[43] 1999-12-22
[30] US (09/102,177) 1998-06-22

[21] **2,270,704**
[13] A1

[51] **Int.Cl. 6H04M 3/22 6H04Q 7/24**
[25] EN
[54] **METHOD AND APPARATUS FOR TRACKING CALL HISTORY FOR MOBILE AND WIRELINE USERS ACCESSING THE NETWORK ON DIFFERENT PORTS FOR SUBSEQUENT CALLS**
[54] **METHODE ET APPAREIL POUR SUIVRE L'HISTORIQUE DES APPELS DES UTILISATEURS DE TELEPHONES MOBILES OU DE LIGNES METALLIQUES QUI ACCEDENT AU RESEAU PAR L'ENTREMISE DE DIFFERENTS PORTS POUR LES APPELS SUBSEQUENTS**
[72] THOMPSON, Jane Ann, US
[72] THOMPSON, Robin Jeffrey, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-05-04
[43] 1999-12-23
[30] US (09/103,021) 1998-06-23

[21] **2,270,702**
[13] A1

[51] **Int.Cl. 6H04L 12/16**
[25] EN
[54] **PUSH-PULL SERVICES FOR THE INTERNET**
[54] **SERVICES PUSH-PULL POUR INTERNET**
[72] SABNANI, Krishan Kumar, US
[72] PAUL, Sanjoy, US
[72] LIN, Chueng-Hsien, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-05-04
[43] 1999-12-24
[30] US (09/103,976) 1998-06-24

[21] **2,270,704**
[13] A1

[51] **Int.Cl. 6H04M 3/22 6H04Q 7/24**
[25] EN
[54] **METHOD AND APPARATUS FOR TRACKING CALL HISTORY FOR MOBILE AND WIRELINE USERS ACCESSING THE NETWORK ON DIFFERENT PORTS FOR SUBSEQUENT CALLS**
[54] **METHODE ET APPAREIL POUR SUIVRE L'HISTORIQUE DES APPELS DES UTILISATEURS DE TELEPHONES MOBILES OU DE LIGNES METALLIQUES QUI ACCEDENT AU RESEAU PAR L'ENTREMISE DE DIFFERENTS PORTS POUR LES APPELS SUBSEQUENTS**
[72] THOMPSON, Jane Ann, US
[72] THOMPSON, Robin Jeffrey, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-05-04
[43] 1999-12-23
[30] US (09/103,021) 1998-06-23

[21] **2,270,842**
[13] A1

[51] **Int.Cl. 6F16G 11/04 6B63B 21/58**
[25] EN
[54] **LOG BOOM APPARATUS AND METHOD UTILIZING OPEN-SIDED HOOK**
[54] **ESTACADE FLOTTANTE ET METHODE UTILISANT UN CROCHET A COTE OUVRANT**
[72] SCARR, William Danny, CA
[71] SCARR, William Danny, CA
[22] 1999-05-03
[43] 1999-12-23
[30] US (09/102,818) 1998-06-23

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[21] **2,271,181**
[13] A1

[51] **Int.Cl. 6A23G 1/00 6A23G 3/00 6A23G 9/00**
[25] EN
[54] **COMPOUND LIQUOR**
[54] **COMPOSE POUR CONFISERIE**
[72] BARFUSS, David, US
[72] MANEZ, Angel, ES
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[22] 1999-05-05
[43] 1999-12-22
[30] US (09/102,217) 1998-06-22

[21] **2,271,375**
[13] A1

[51] **Int.Cl. 6B01D 46/52 6F02M 35/024 6B60H 3/06**
[25] EN
[54] **RADIAL AIR FILTER**
[54] **FILTRE POUR VENTILATION RADIALE**
[72] STAMEY, Willie, Luther Jr., US
[72] SHIVELY, Terrence Allen, US
[71] DANA CORPORATION, US
[22] 1999-05-10
[43] 1999-12-23
[30] US (09/102,647) 1998-06-23

[21] **2,271,452**
[13] A1

[51] **Int.Cl. 6H04B 7/005 6H04Q 7/36**
[25] EN
[54] **METHOD AND APPARATUS FOR DESENSITIZATION OF A WIRELESS RECEIVER**
[54] **METHODE ET APPAREIL A DESENSIBILISER UN POSTE RECEPTEUR**
[72] BURKE, Michael E., US
[72] O'BOYLE, Leonard Edward, US
[72] LIPOWSKI, Joseph Thaddeus, US
[72] WEN, Jack Chi-Chieh, US
[72] VANDYKE, Rulon G., US
[71] LUCENT TECHNOLOGIES, INC., US
[22] 1999-05-12
[43] 1999-12-19
[30] US (09/100,569) 1998-06-19

[21] **2,271,455**
[13] A1

[51] **Int.Cl. 6A23G 1/00**
[25] EN
[54] **CHOCOLATE OR COMPOUND COATING**
[54] **CHOCOLAT OU ENROBAGE COMPOSE**
[72] DESTEPHEN, Stephen J., US
[72] VAGHELA, Madansinh, US
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[22] 1999-05-12
[43] 1999-12-25
[30] US (09/104,773) 1998-06-25

[21] **2,271,507**
[13] A1

[51] **Int.Cl. 6H04L 12/66**
[25] EN
[54] **SYSTEM AND METHOD FOR ALLOWING COMMUNICATION BETWEEN NETWORKS HAVING INCOMPATIBLE ADDRESSING FORMATS**
[54] **SYSTEME ET METHODE PERMETTANT LA COMMUNICATION ENTRE DES RESEAUX AUX FORMATS D'ADRESSAGE INCOMPATIBLES**
[72] VAUDREUIL, Gregory M., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-05-11
[43] 1999-12-19
[30] US (09/100,260) 1998-06-19

[21] **2,271,508**
[13] A1

[51] **Int.Cl. 6H04M 11/06 6H04M 1/50**
[25] EN
[54] **A CODING TECHNIQUE IN DISCRETE MULTI-TONE (DMT) BASED COMMUNICATIONS SYSTEMS**
[54] **TECHNIQUE DE CODAGE DANS LES SYSTEMES DE COMMUNICATION BASES SUR LES APPAREILS A SONS MULTIPLES DISCRETS (DISCRETE MULTI-TONE)**
[72] LAROLA, Rajiv, US
[72] WANG, Jin-Der, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-05-11
[43] 1999-12-19
[30] US (09/100,615) 1998-06-19

[21] **2,271,976**
[13] A1

[51] **Int.Cl. 6C10L 1/08 6C10L 1/18**
[25] EN
[54] **DIESEL FUEL OIL COMPOSITION**
[54] **CARBURANT DIESEL**
[72] HINO, Takashi, JP
[72] MURAKAMI, Kazuyuki, JP
[72] NAKAJIMA, Isao, JP
[71] TONEN CORPORATION, JP
[22] 1999-05-14
[43] 1999-12-22
[30] JP (191097/98) 1998-06-22

[21] **2,271,996**
[13] A1

[51] **Int.Cl. 6G05D 7/00 6F16K 17/22**
[25] FR
[54] **DISPOSITIF AUTONOME DE LIMITATION DU DEBIT D'UN FLUIDE DANS UNE CANALISATION ET CIRCUIT DE CARBURANT POUR AERONEF COMPORTANT UN TEL DISPOSITIF**
[54] **INDEPENDENT FLUID FLOW LIMITATION DEVICE FOR USE IN A DUCT, AND AIRCRAFT FUEL SYSTEM COMPRISING SUCH A DEVICE**
[72] FABRE, Christian, FR
[71] AÉROSPATIALE SOCIÉTÉ NATIONALE INDUSTRIELLE, FR
[22] 1999-05-10
[43] 1999-12-19
[30] FR (98 07741) 1998-06-19

[21] **2,272,458**
[13] A1

[51] **Int.Cl. 6H01R 13/10**
[25] EN
[54] **HOODLESS ELECTRICAL SOCKET CONNECTOR**
[54] **BROCHE DE CONNEXION ELECTRIQUE SANS CAPUCHON**
[72] KEREK, Leslie Laszlo, US
[71] TRI-STAR ELECTRONICS INTERNATIONAL, INC., US
[22] 1999-05-21
[43] 1999-12-25
[30] US (09/104,733) 1998-06-25

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[21] **2,272,469**
[13] A1

[51] **Int.Cl. 6H04J 14/02 6H04B 10/12**
[25] EN
[54] **OPTICAL COMMUNICATION SYSTEM**
[54] **SYSTEME DE TELECOMMUNICATION OPTIQUE**
[72] KING, David, CA
[72] TREMBLAY, Yves, CA
[71] JDS FITEL INC., CA
[22] 1999-05-20
[43] 1999-12-19
[30] US (09/100,106) 1998-06-19

[21] **2,272,493**
[13] A1

[51] **Int.Cl. 6C05F 17/02**
[25] EN
[54] **KITCHEN WASTE COMPOSTER**
[54] **COMPOSTEUR DE DECHETS DOMESTIQUES**
[72] SUNDBERG, Henric, CA
[71] SUNDBERG, Henric, CA
[22] 1999-05-20
[43] 1999-12-19
[30] US (09/100019) 1998-06-19

[21] **2,272,766**
[13] A1

[51] **Int.Cl. 6B29C 45/03 6B29C 47/08**
[25] EN
[54] **TANDEM INJECTION MOLDING APPARATUS AND PRESS THEREFOR**
[54] **APPAREIL DE MOULAGE ET PRESSE EMPLOYEE A CET EFFET**
[72] MEIDAN, Daniel, CA
[72] STEGER, Rudy, CA
[71] MEIDAN, Daniel, CA
[71] STEGER, Rudy, CA
[22] 1999-05-28
[43] 1999-12-22
[30] US (09/100,861) 1998-06-22
[30] US (09/298,830) 1999-04-26

[21] **2,272,777**
[13] A1

[51] **Int.Cl. 6B60C 9/18 6B60C 9/26**
[25] EN
[54] **BELT REINFORCING STRUCTURE FOR A PNEUMATIC TIRE**
[54] **STRUCTURE DE RENFORCEMENT DE LA COURROIE D'UN PNEUMATIQUE**
[72] BOEHLEFELD, Robert John, US
[72] WESTGATE, Walter Kevin, US
[72] HAMIEL, Charles Elmer, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 1999-05-20
[43] 1999-12-19
[30] US (09/100,540) 1998-06-19

[21] **2,273,059**
[13] A1

[51] **Int.Cl. 6A01H 5/00 6C12N 15/11**
[25] EN
[54] **METHOD OF DWARFING PLANTS**
[54] **METHODE DE NANIFICATION DES PLANTES**
[72] YAMAMOTO, Kimiko, JP
[72] WU, Jianzhong, JP
[72] MATSUMOTO, Takashi, JP
[72] ASHIKARI, Motoyuki, JP
[72] SASAKI, Takuji, JP
[72] YANO, Masahiro, JP
[72] YOSHIMURA, Atsushi, JP
[71] JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBI, JP
[22] 1999-06-17
[43] 1999-12-19
[30] JP (10/189773) 1998-06-19

[21] **2,273,064**
[13] A1

[51] **Int.Cl. 6C12P 19/34 6C07H 21/00 6C12N 15/10 6C12Q 1/68**
[25] EN
[54] **NOVEL PROCESSES FOR AMPLIFYING NUCLEIC ACID, POST-TERMINATION LABELING PROCESS FOR NUCLEIC ACID SEQUENCING AND PRODUCING NUCLEIC ACID HAVING DECREASED THERMODYNAMIC STABILITY**
[54] **NOUVEAUX PROCESSUS POUR AMPLIFIER DE L'ACIDE NUCLEIQUE, PROCESSUS DE MARQUAGE POST-TERMINAISON POUR LA DETERMINATION DES SEQUENCES NUCLEOTIDIQUES ET PRODUCTION D'ACIDES NUCLEIQUES A STABILITE THERMODYNAMIQUE REDUITE**
[72] RABBANI, Elazar, US
[72] STAVRIANOPOULOS, Jannis G., US
[72] DONEGAN, James J., US
[72] COLEMAN, Jack, US
[72] WALNER, Marleen, US
[71] ENZO DIAGNOSTICS, INC., US
[22] 1999-06-15
[43] 1999-12-24
[30] US (09/104,067) 1998-06-24

[21] **2,273,126**
[13] A1

[51] **Int.Cl. 6G01V 3/32**
[25] EN
[54] **METHOD FOR ELIMINATING RINGING DURING A NUCLEAR MAGNETIC RESONANCE MEASUREMENT**
[54] **METHODE D'ELIMINATION L'OSCILLATION DURANT UNE MESURE DE LA RESONANCE MAGNETIQUE NUCLEAIRE**
[72] BOQIN, Sun, US
[72] REZA, Taherian, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 1999-05-27
[43] 1999-12-22
[30] US (09/102,719) 1998-06-22

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[21] **2,273,143**
[13] A1

[51] **Int.Cl. 6B60K 17/12 6B60R 16/02 6F16H 61/28**
[25] EN
[54] **CAPACITIVE SUPERCHARGER FOR ELECTRIC SHIFT MECHANISM**
[54] **COMPRESSEUR CAPACITIF POUR MECANISME DE COMMANDE ELECTRIQUE**
[72] WHEELER, Douglas J., US
[72] BAUGHMAN, James, US
[71] TELEFLEX INCORPORATED, US
[22] 1999-05-27
[43] 1999-12-24
[30] US (09/103,747) 1998-06-24

[21] **2,273,323**
[13] A1

[51] **Int.Cl. 6A24D 3/04**
[25] EN
[54] **FILTER**
[54] **FILTRE**
[72] CHEW, Kar Eng, MY
[71] CHEW, Kar Eng, MY
[22] 1999-05-28
[43] 1999-12-24
[30] MY (PI 9802880) 1998-06-24

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

[51] **Int.Cl. 6A47B 3/08 6A47B 13/00**
[25] EN
[54] **FOLDING TABLE RELEASE LATCH APPARATUS**
[54] **LOQUET DE DEGAGEMENT POUR TABLE PLIANTE**
[72] SCHWINGHAMMER, Scott, US
[72] GUTGSELL, David R., US
[71] DITTO SALES, INC., US
[22] 1999-05-31
[43] 1999-12-19
[30] US (09/100,654) 1998-06-19

[21] **2,273,383**
[13] A1

[51] **Int.Cl. 6B05B 15/12**
[25] EN
[54] **PAINT SPRAY BOOTH WITH ROBOT**
[54] **CABINE DE PEINTURE AU PISTOLET MUNIE D'UN ROBOT**
[72] CONLIN, Douglas, US
[71] CONLIN, Douglas, US
[22] 1999-05-28
[43] 1999-12-19
[30] US (09/100,534) 1998-06-19

[21] **2,273,450**
[13] A1

[51] **Int.Cl. 6A47J 27/16 6A47J 27/04**
[25] EN
[54] **DROP-IN STEAMER**
[54] **CUISEUR A VAPEUR**
[72] RUIZ, Guillermo A., US
[71] STAINLESS INCORPORATED, US
[22] 1999-06-02
[43] 1999-12-25
[30] US (09/104,859) 1998-06-25

[21] **2,273,452**
[13] A1

[51] **Int.Cl. 6B60P 3/39 6B60P 3/35**
[25] EN
[54] **FOLDOUT RECREATIONAL VEHICLE**
[54] **VEHICULE RECREATIF DEPLIABLE**
[72] BAILEY, Dennis L., US
[72] DEVOS, William J., US
[71] R-VISION, INC., US
[22] 1999-06-02
[43] 1999-12-23
[30] US (09/103,081) 1998-06-23

[21] **2,273,466**
[13] A1

[51] **Int.Cl. 6A23L 1/36 6A23P 1/08 6A23B 9/14 6A23B 7/16**
[25] EN
[54] **COATING FOR NUTS**
[54] **ENROBAGE POUR NOIX**
[72] CHENG, Pu-sheng, US
[72] HAMM, John Michael, US
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[22] 1999-06-01
[43] 1999-12-25
[30] US (09/104,770) 1998-06-25

[21] **2,273,478**
[13] A1

[51] **Int.Cl. 6H02J 3/00 6H02J 1/00 6F02P 1/08**
[25] EN
[54] **PHASE-CONTROLLED VOLTAGE REGULATOR FOR MOTOR VEHICLES AND METHOD**
[54] **REGULATEUR DE TENSION A REGLAGE DE PHASE POUR VEHICULES AUTOMOBILES, ET METHODE CONNEXE**
[72] CALABRI, Pierluigi, IT
[72] BIANCO, Sergio, IT
[72] REGAZZI, Gianni, IT
[71] DUCATI ENERGIA S.P.A., IT
[22] 1999-06-01
[43] 1999-12-19
[30] IT (MI98A 001410) 1998-06-19

[21] **2,273,537**
[13] A1

[51] **Int.Cl. 6B23K 1/018**
[25] EN
[54] **PORTABLE ELECTRIC DESOLDERING TOOL**
[54] **OUTIL DE DESOUDAGE ELECTRIQUE PORTATIF**
[72] KILMER, Paul R., US
[71] COOPER INDUSTRIES, INC., US
[22] 1999-06-03
[43] 1999-12-22
[30] US (09/100,976) 1998-06-22

[21] **2,273,542**
[13] A1

[51] **Int.Cl. 6B32B 15/08 6H05K 1/02 6B32B 31/20**
[25] EN
[54] **THIN FILM LAMINATES**
[54] **STRATIFIES DE FILM MINCE**
[72] FORCIER, Robert A., US
[71] NELCO INTERNATIONAL CORPORATION, US
[22] 1999-06-03
[43] 1999-12-23
[30] US (09/102,589) 1998-06-23

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[21] **2,273,595**
[13] A1

[51] **Int.Cl. 6A47K 13/10 6A47K 13/24**
[25] EN
[54] **TOILET SEAT AID**
[54] **DISPOSITIF POUR SIEGE DE TOILETTE**
[72] SPIEGEL, Alan, US
[72] LANDSBERGER, Kurt, US
[72] LANDSBERGER, David, US
[72] THOM, Paul, US
[71] BEL-ART PRODUCTS, INC., US
[22] 1999-05-28
[43] 1999-12-25
[30] US (104,709) 1998-06-25

[21] **2,273,626**
[13] A1

[51] **Int.Cl. 6E21B 21/06 6E21B 7/00**
[25] EN
[54] **WELLBORE CUTTINGS RE-CYCLING SYSTEM**
[54] **SYSTEME DE RECYCLAGE DES DEBLAIS DE FORAGE**
[72] WOOD, Bradford R., US
[71] TUBOSCOPE VETCO INTERNATIONAL, INC., US
[22] 1999-06-01
[43] 1999-12-25
[30] US (09/104,820) 1998-06-25

[21] **2,273,718**
[13] A1

[51] **Int.Cl. 6F16L 21/04**
[25] EN
[54] **PIPE COUPLING**
[54] **RACCORD**
[72] BIRD, Edwin A., US
[71] M&FC HOLDING COMPANY, INC., US
[22] 1999-06-08
[43] 1999-12-19
[30] US (100,221) 1998-06-19

[21] **2,273,722**
[13] A1

[51] **Int.Cl. 6D21H 25/04**
[25] EN
[54] **IMPROVED WEB CLEANER AND METHOD, AND TISSUE WITH REDUCED DUST AND LINT**
[54] **PRODUIT ET METHODE DE NETTOYAGE A TOILE AMELIORES, ET CHIFFON AVEC POUSSIERE ET CHARPIE REDUITES**
[72] BAUM, Scott A., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1999-06-08
[43] 1999-12-22
[30] US (09/102,314) 1998-06-22

[21] **2,273,747**
[13] A1

[51] **Int.Cl. 6B63C 9/28 6A47C 13/00 6A01K 97/06 6B63C 9/08**
[25] EN
[54] **MULTI-PURPOSE FISHING BUCKET APPARATUS**
[54] **APPAREIL A USAGES DIVERS POUR BAQUET DE PECHE**
[72] TORKILSEN, Joel, US
[72] MELNIK, John, US
[71] TORKILSEN, Joel, US
[71] MELNIK, John, US
[22] 1999-06-08
[43] 1999-12-19
[30] US (09/100,907) 1998-06-19

[21] **2,273,772**
[13] A1

[51] **Int.Cl. 6B01D 37/04**
[25] EN
[54] **METHOD FOR PRODUCING A FILTER CAKE**
[54] **METHODE POUR FABRIQUER UN GATEAU DE FILTRATION**
[72] HINDSTROM, Rolf, FI
[72] VIRTANEN, Matti, FI
[71] OUTOKUMPU OYJ, FI
[22] 1999-06-09
[43] 1999-12-25
[30] FI (981472) 1998-06-25

[21] **2,273,876**
[13] A1

[51] **Int.Cl. 6B66D 1/26 6A63J 1/02 6B66D 1/12 6B66D 1/20**
[25] EN
[54] **MOTORIZED ASSIST COUNTERWEIGHT SYSTEM FOR THEATRICAL OVERHEAD RIGGING**
[54] **TREUIL MOTORISE POUR GRIL SUSPENDU DE THEATRE**
[72] AUERBACH, S. Leonard, US
[71] AUERBACH, S. Leonard, US
[22] 1999-06-09
[43] 1999-12-25
[30] US (09/104,554) 1998-06-25

[21] **2,274,192**
[13] A1

[51] **Int.Cl. 6H01R 29/00 6H02K 3/00**
[25] EN
[54] **VOLTAGE SELECTION ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE AVEC SELECTION DE TENSION**
[72] KOTOWSKI, Dave G., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 1999-06-10
[43] 1999-12-23
[30] US (09/103,018) 1998-06-23

[21] **2,274,259**
[13] A1

[51] **Int.Cl. 6B25B 7/22**
[25] EN
[54] **MULTI-PURPOSE ELECTRICIAN PLIERS TOOL**
[54] **PINCES POLYVALENTES D'ELECTRICIEN**
[72] FRENCH, Thomas J., US
[71] FRENCH, Thomas J., US
[22] 1999-06-08
[43] 1999-12-19
[30] US (09/100,599) 1998-06-19

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[21] **2,274,270**
[13] A1

[51] **Int.Cl. 6A61M 25/00 6A61B 17/00**
[25] EN
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[72] LUNSFORD, John P., US
[72] CHIN, Albert K., US
[72] BAXTER, Jeffrey W., US
[72] DAVIS, John W., US
[72] CHANG, Tenny, US
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[54] **APPAREIL DE TRI PAR FUSION AVEC NOEUDS DE COMPARAISON BRANCHES EN TOPOLOGIE ARBORESCENTE DE TOURNOI**
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[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
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[54] **FIBRE OPTIQUE A FAIBLE DEGRE DE NON LINEARITE POUR TRANSMISSION MRL**
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[72] TIRLONI, Bartolomeo Italo, IT
[72] SARTORI, Francesco Gabriele, IT
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[71] PIRELLI CAVI E SISTEMI S.P.A., IT
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[54] **PLUG MEANS FOR CLOSING HOLES IN THE BODY OF VEHICLES**
[54] **OBTURATEURS POUR FERMER LES OUVERTURES DE LA CARROSSERIE D'UN VEHICULE**
[72] REHBERG, Karsten, DE
[72] STURIES, Jens, DE
[72] WEINER, Heiko, DE
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[54] **METHODE ET APPAREIL DE CHANGEMENT D'OUTILS POUR COULEMENT D'INDUIT**
[72] STRATICO, Gianfranco, IT
[71] AXIS USA, INC., US
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[54] **DISPOSITIF DE TRAITEMENT D'IMAGES**
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[72] KATO, Yu, JP
[72] KITA, Katsuya, JP
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[54] **CABLE RETAINER OF PLASTICS FOR VEHICLES**
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[54] **RECIPIENT REPLIABLE**
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[71] SONY CORPORATION, JP
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[54] **STRUCTURE DE**
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BASED ON RECURRING UNITS
DERIVED FROM ALLYL ALCOHOL
AND THEIR USE IN WEATHER-
RESISTANT COATINGS
[54] **RESINES A SILICONE MODIFIEE**
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RECURRENTES DERIVEES DE
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EMPLOI DANS DES REVETEMENTS
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[72] SMYTH, Scott E., US
[71] COOK COMPOSITES AND
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[25] EN
[54] **BATTERY CONTROL APPARATUS**
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[54] **DISPOSITIF DE COMMANDE DE**
BATTERIE POUR VEHICULE A
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[72] TOJIMA, Kazuo, JP
[72] NAKAYAMA, Yoshiyuki, JP
[72] SEKIMORI, Toshiyuki, JP
[72] KIKUCHI, Yoshiaki, JP
[71] TOYOTA JIDOSHA KABUSHIKI
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[54] **PROCEDE ET DISPOSITIF DE**
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SOLIDE A L'ETAT DIVISE, ET
APPLICATION A UN HAUT
FOURNEAU SIDERURGIQUE
[54] **APPARATUS AND PROCEDURE**
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DIVIDED SOLID MATTER, AND THEIR
UTILIZATION IN A BLAST FURNACE
[72] FERRIN, Alvaro Louis, FR
[72] DETHOREY, Gérard Marie, FR
[71] SOLLAC, FR
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POSSEDANT UNE AFFINITE POUR LE
RECEPTEUR MITOCHONDRIAL DES
BENZODIAZEPINES EN THERAPIE DU
CANCER
[54] **USE OF A COMPOUND HAVING**
AN AFFINITY FOR THE
MITOCHONDRIAL BENZODIAZEPINE
RECEPTOR IN CANCER THERAPY
[72] HIRSCH, Tamara, FR
[72] DECAUDIN, Didier, FR
[72] KROEMER, Guido, FR
[71] CENTRE NATIONAL DE LA
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[72] WILLIAMS, Dennis A., US
[72] CASSIDY, Juanita M., US
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[54] **DEMI-TOUR SERRE POUR**
MOTOCYCLETTE
[72] PASKIEWICZ, Ronald, US
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[25] EN
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FROM SYNTHESIS GAS
[54] **PROCEDE POUR LA**
PREPARATION D'HYDROCARBURES
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[72] HUGUES, François, FR
[72] PICCOLO, Vincenzo, IT
[72] BELMONTE, Giuseppe, IT
[72] CLERICI, Gabriele Carlo Ettore, IT
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[13] A1

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[54] **DISPOSITIF AUTOMATIQUE
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CAPTEUR DE MONOXYDE DE
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[72] NICHOLSON, Leroy E., US
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[13] A1

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[25] EN
[54] **SWITCH MATRIX AMONG
TRIBUTARIES OF A
TELECOMMUNICATION NETWORK
AND MANAGING METHOD THEREOF**
[54] **MATRICE DE COMMUTATION
ENTRE LES CIRCUITS TRIBUTAIRES
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[72] LOVADINA, MARCO, IT
[71] ALCATEL, FR
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[13] A1

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[54] **METHOD, SERVER AND
COMMUNICATIONS NODE FOR
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COMMUNICATIONS CONNECTIONS**
[54] **METHODE, SERVEUR ET NOEUD
DE COMMUNICATION POUR LA
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OPTIMISES DE CONNEXIONS DE
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[72] KOTTHAUS, ROLF, DE
[72] MATT, HANS JURGEN, DE
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[54] **DUCT CONNECTOR**
[54] **RACCORD DE CONDUIT**
[72] SAKAMOTO, KUMETARO, JP
[71] SAKAMOTO, KUMETARO, JP
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[13] A1

[51] **Int.Cl. 6H04Q 3/66 6H04L 29/02**
[25] EN
[54] **METHOD FOR OFFERING AND
KEEPING READY NETWORK
CAPACITY AS WELL AS NETWORK
MANAGEMENT UNIT FOR
IMPLEMENTING THE METHOD**
[54] **METHODE POUR LA
CONFIGURATION ET LA
MAINTENANCE D'UNE FONCTION
RESEAU ET D'UNE UNITE
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POUR METTRE LA METHODE EN
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[71] ALCATEL, FR
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[13] A1

[51] **Int.Cl. 6H01R 13/02 6H01R 4/24**
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[54] **IDC SOCKET CONTACT WITH
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[54] **DOUILLE DE CONTACT
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[71] THOMAS & BETTS
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[54] **ELEMENT ARTICULE POUR
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[72] SUMRALL, DOYLE, US
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[25] EN
[54] **COATING ADDITIVE, COATING
COMPOSITION CONTAINING SAID
ADDITIVE AND METHOD FOR
COATING A SUBSTRATE USING SAID
COATING COMPOSITION**
[54] **ADDITIF DE REVETEMENT,
COMPOSITION DE REVETEMENT
CONTENANT L'ADDITIF ET
METHODE POUR REVETIR UN
SUBSTRAT A L'AIDE DE LADITE
COMPOSITION**
[72] STECKEL, THOMAS F., US
[71] THE LUBRIZOL CORPORATION, US
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[13] A1

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[25] EN
[54] **POWDER COATING ADDITIVE, POWDER COATING COMPOSITION CONTAINING SAID ADDITIVE AND METHOD FOR COATING A SUBSTRATE USING SAID POWDER COATING COMPOSITION**
[54] **ADDITIF DE REVETEMENT EN POUDRE, COMPOSITION DE REVETEMENT EN POUDRE CONTENANT L'ADDITIF ET METHODE POUR REVETIR UN SUBSTRAT A L'AIDE DE LADITE COMPOSITION**
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[71] THE LUBRIZOL CORPORATION, US
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[54] **NOVEL TRIGLYCERIDE AND COMPOSITION COMPRISING THE SAME**
[54] **NOUVEAU TRIGLYCERIDE ET COMPOSITION COMPRENANT CELUI-CI**
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[72] FUJIKAWA, SHIGEAKI, JP
[72] AKIMOTO, KENGO, JP
[71] SUNTORY LIMITED, JP
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[54] **GUIDE PORTATIF POUR SCIE**
[72] TUTTLE, HARVEY WILLIAM, CA
[71] TUTTLE, HARVEY WILLIAM, CA
[71] HILL, ROSS M., CA
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[25] EN
[54] **TRENCH-FILLING METHOD AND DEVICE**
[54] **METHODE ET DISPOSITIF DE REMPLISSAGE D'UN FOSSE**
[72] LAURINI, MARCO, IT
[72] LEBAIGUE, ALAIN, IT
[71] OFFICINE MECCANICHE LAURINI LODOVICO & C. S.N.C., IT
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[54] **AIR MANIFOLD SYSTEM**
[54] **COLLECTEUR D'AIR**
[72] HOYER, JAMES COTRELL, US
[72] WILSON, GREGG HUNT, US
[72] BEATTY, RONALD CLARK, US
[71] GENERAL ELECTRIC COMPANY, US
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[13] A1

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[25] EN
[54] **DIAGNOSIS OF RHEUMATOID ARTHRITIS IN VIVO USING A NOVEL SPECTROSCOPIC APPROACH**
[54] **DIAGNOSTIQUE IN VIVO DE LA POLYARTHRITE RHUMATOIDE A L'AIDE D'UNE NOUVELLE APPROCHE SPECTROSCOPIQUE**
[72] BERNATSKY, SASCHA, CA
[72] SOWA, MICHAEL G., CA
[72] CANVIN, JAN M. G., CA
[72] EL-GABALAWY, HANI, CA
[72] MANSFIELD, JAMES R., CA
[72] EYSEL, HANS H., CA
[72] MANTSCH, HENRY H., CA
[72] JACKSON, MICHAEL, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[25] EN
[54] **BACTERIAL LEACHING OF COPPER AND ZINC WITHOUT IRON LEACHING**
[54] **LIXIVIATION BACTERIENNE DU CUIVRE ET DU ZINC SANS LIXIVIATION DU FER**
[72] SUZUKI, ISAMU, CA
[72] HARA HUC, LESIA, CA
[71] UNIVERSITY OF MANITOBA, CA
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[30] CA (2,241,064) 1998-06-19

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[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 3/12 6G06F 13/38**
[25] EN
[54] **SYSTEM AND METHOD FOR PREPARING CUSTOMIZED PRINTED PRODUCTS OVER A COMMUNICATIONS NETWORK**
[54] **SYSTEME ET METHODE POUR PREPARER DES PRODUITS IMPRIMES PERSONNALISES PAR L'INTERMEDIAIRE D'UN RESEAU DE COMMUNICATIONS**
[72] WAKEFIELD, G. STEVE, US
[72] PASQUANTINO, BERNARD D., US
[72] ARLEDGE, SOL E., JR., US
[71] DISCOUNT LABELS, INC., US
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[30] US (09/103,205) 1998-06-23

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[13] A1

[51] **Int.Cl. 6A47D 13/10 6A63G 9/16**
[25] EN
[54] **SWING DRIVE MECHANISM FOR CHILD'S SWING**
[54] **MECANISME D'ENTRAINEMENT POUR BALANCOIRE D'ENFANT**
[72] MITCHELL, DANIEL R., US
[72] DILLNER, JAMES, US
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[25] EN
[54] **LIQUID DISCHARGING HEAD AND LIQUID DISCHARGING APPARATUS**
[54] **TETE ET APPAREIL DE REJET DE LIQUIDES**
[72] KUDO, KIYOMITSU, JP
[72] SHIMAZU, SATOSHI, JP
[72] KASHINO, TOSHIO, JP
[72] YOSHIHARA, AYA, JP
[71] CANON KABUSHIKI KAISHA, JP
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[43] 1999-12-22
[30] JP (10-174771) 1998-06-22
[30] JP (10-174772) 1998-06-22
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[13] A1
[51] **Int.Cl. 6H04B 1/18 6H04B 7/08**
[25] EN
[54] **DIVERSITY RADIO SYSTEM WITH RDS**
[54] **SYSTEME DE RADIOCOMMUNICATION EN DIVERSITE AVEC RDS**
[72] MCCALL, DAVID, GB
[72] CVETKOVIC, MILAN, GB
[72] PAGE, MARTIN, GB
[71] FORD MOTOR COMPANY OF CANADA, LTD., CA
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[13] A1
[51] **Int.Cl. 6E21B 19/00**
[25] EN
[54] **METHOD AND APPARATUS FOR LIFTING OILFIELD GOODS TO A DERRICK FLOOR**
[54] **METHODE ET APPAREIL DE LEVAGE DES MARCHANDISES DE CHAMP DE PETROLE SUR LES PLANCHERS DE FORAGE**
[72] SCOTT, GEORGE L., III, US
[72] MORGAN, CARL A., US
[71] SCOTT, GEORGE L., III, US
[71] MORGAN, CARL A., US
[22] 1999-06-18
[43] 1999-12-19
[30] US (09/100,080) 1998-06-19

[21] **2,275,125**
[13] A1
[51] **Int.Cl. 6F16B 13/14 6E04B 1/41**
[25] EN
[54] **ANCHOR ROD FOR A CONNECTION ANCHORING SYSTEM**
[54] **TIGE D'ANCRAGE POUR SYSTEME D'ANCRAGE DES CONNEXIONS**
[72] ERICH, LEIBHARD, DE
[72] WOLFGANG, LUDWIG, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 1999-06-18
[43] 1999-12-23
[30] DE (19827829.2) 1998-06-23

[21] **2,275,158**
[13] A1
[51] **Int.Cl. 6C02F 1/44**
[25] EN
[54] **DEVICE FOR FILTERING A LIQUID AND METHOD FOR DISINFECTING SUCH A DEVICE**
[54] **DISPOSITIF DE FILTRAGE DE LIQUIDES ET METHODE DE DESINFECTION DE CET APPAREIL**
[72] BOS, MEINDERT, NL
[72] KOENHEN, DIRK MARINUS, NL
[71] SEPEQ B.V., NL
[22] 1999-06-17
[43] 1999-12-19
[30] NL (1009457) 1998-06-19

[21] **2,275,265**
[13] A1
[51] **Int.Cl. 6A61K 7/075**
[25] FR
[54] **COMPOSITION CONDITIONNANTE ET DETERGENTE ET UTILISATION**
[54] **CONDITIONING AND DETERGENT COMPOSITION AND ITS APPLICATIONS**
[72] MAURIN, VÉRONIQUE, FR
[72] BEAUQUEY, BERNARD, FR
[72] MELLUL, MYRIAM, FR
[71] L'ORÉAL, FR
[22] 1999-06-17
[43] 1999-12-24
[30] FR (98 08 007) 1998-06-24

[21] **2,275,276**
[13] A1
[51] **Int.Cl. 6H04N 7/16**
[25] EN
[54] **IN-HOME NETWORK FOR DISTRIBUTING DATA**
[54] **RESEAU A DOMICILE POUR DISTRIBUTION DE DONNEES**
[72] LECOMTE, DANIEL, FR
[71] ALCATEL, FR
[22] 1999-06-16
[43] 1999-12-22
[30] EP (98 440 138.0) 1998-06-22

[21] **2,275,370**
[13] A1
[51] **Int.Cl. 6B41J 2/175**
[25] EN
[54] **LIQUID CONTAINMENT AND DISPENSING DEVICE**
[54] **DISPOSITIF DE CONFINEMENT ET DE DISTRIBUTION DE LIQUIDE**
[72] HOCK, MARK R., US
[71] OWENS-ILLINOIS CLOSURE INC., US
[22] 1999-06-17
[43] 1999-12-24
[30] US (09/103,803) 1998-06-24

[21] **2,275,374**
[13] A1
[51] **Int.Cl. 6C09B 29/03 6C09D 11/02 6G03G 9/09 6C08K 5/42 6C09D 5/44 6C09D 5/46**
[25] EN
[54] **NOVEL CRYSTAL MODIFICATION OF C.I. PIGMENT RED 53:2 (GAMMA-PHASE)**
[54] **NOUVELLE MODIFICATION DU CRISTAL DU PIGMENT ROUGE 53:2 (PHASE GAMMA)**
[72] SCHMIDT, MARTIN ULRICH, DE
[72] METZ, HANS JOACHIM, DE
[71] CLARIANT GMBH, DE
[22] 1999-06-18
[43] 1999-12-19
[30] DE (198 27 272.3) 1998-06-19

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[21] **2,275,376**
[13] A1

[51] **Int.Cl. 6B01F 5/06**
[25] EN
[54] **A STATIC MIXER APPARATUS**
[54] **MELANGEUR STATIQUE**
[72] SCHUCHARDT, HEINRICH, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[43] 1999-12-23
[30] DE (19827851.9) 1998-06-23

[21] **2,275,381**
[13] A1

[51] **Int.Cl. 6C07D 211/10 6C08F 30/00 6C08F 26/06 6C07F 7/10 6C08K 5/3435 6C08K 5/54 6C07D 211/58 6C07D 211/70 6C07D 211/72**
[25] EN
[54] **PROCESS FOR POLYMERIZING UNSATURATED POLYALKYLPIPERIDINES**
[54] **PROCEDE DE POLYMERISATION DES POLYALKYLPIPERIDINES INSATUREES**
[72] NÄSMAN, JAN ANDERS HARRY, SE
[72] WILÉN, CARL-ERIC MAGNUS, FI
[72] STEINMANN, ALFRED, CH
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
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[30] CH (1323/98) 1998-06-19

[21] **2,275,384**
[13] A1

[51] **Int.Cl. 6H04B 7/08**
[25] EN
[54] **PROPORTIONAL DIVERSITY RADIO RECEIVER SYSTEM**
[54] **SYSTEME RECEPTEUR RADIO PROPORTIONNEL EN DIVERSITE**
[72] PAGE, MARTIN, GB
[72] CVETKOVIC, MILAN, GB
[72] MCCALL, DAVID, GB
[71] FORD MOTOR COMPANY OF CANADA, LTD., CA
[22] 1999-06-18
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[30] US (09/103,131) 1998-06-23

[21] **2,275,484**
[13] A1

[51] **Int.Cl. 6B65H 57/00 6B65H 27/00 6G02B 6/16**
[25] EN
[54] **METHOD AND APPARATUS FOR GUIDING FIBERS OR RIBBONS UNDER TENSION**
[54] **METHODE ET APPAREIL POUR GUIDER DES FIBRES OU DES RUBANS SOUS TENSION**
[72] EOLL, CHRISTOPHER K., US
[71] SIECOR OPERATIONS, LLC, US
[22] 1999-06-18
[43] 1999-12-22
[30] US (09/102,315) 1998-06-22

[21] **2,275,508**
[13] A1

[51] **Int.Cl. 6A41B 9/02**
[25] EN
[54] **UNDERGARMENT**
[54] **SOUS-VETEMENT**
[72] TABRIZI, AHMAD EBADI, CA
[71] TABRIZI, AHMAD EBADI, CA
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[43] 1999-12-25
[30] US (09/104,419) 1998-06-25

[21] **2,275,509**
[13] A1

[51] **Int.Cl. 6B65D 5/42 6B65D 81/30**
[25] EN
[54] **PAPERBOARD CARTONE AND BLANK THEREFOR**
[54] **CARTON POUR AFFICHES**
[72] BURGOYNE, MICHEL, CA
[71] BURGOYNE, MICHEL, CA
[22] 1999-06-18
[43] 1999-12-19
[30] US (60/089,981) 1998-06-19

[21] **2,275,517**
[13] A1

[51] **Int.Cl. 6A63F 7/02**
[25] EN
[54] **AMUSEMENT GAME WITH PINBALL PLAYFIELD AND COMBINED FLIPPER/FOUR-WAY SWITCH**
[54] **JEU DE BILLARD ELECTRIQUE EQUIPE D'UN COMMUTATEUR A QUATRE VOIES**
[72] POPADIUK, JOHN A., US
[71] WILLIAMS ELECTRONICS GAMES, INC., US
[22] 1999-06-18
[43] 1999-12-19
[30] US (09/099,964) 1998-06-19

[21] **2,275,522**
[13] A1

[51] **Int.Cl. 6E01C 19/40**
[25] EN
[54] **SCREED FOR A PAVER**
[54] **DISPOSITIF DE NIVELLEMENT POUR PAVEUSE**
[72] NOTTMEIER, CORD, DE
[72] KOMM, HANS-JOACHIM, DE
[71] ABG ALLGEMEINE BAUMASCHINEN-GESELLSCHAFT MBH, DE
[22] 1999-06-18
[43] 1999-12-20
[30] DE (198 27 577.3) 1998-06-20

[21] **2,275,524**
[13] A1

[51] **Int.Cl. 6B42F 7/08**
[25] EN
[54] **EXPANDING ENVELOPE WITH A UTILITY POCKET**
[54] **ENVELOPPE EXTENSIBLE MUNIE D'UN SACHET**
[72] HENRIKSON, DAMON, US
[72] LAUSEN, MARCIA, US
[72] VASILATOS, A. J., US
[71] ACCO BRANDS, INC., US
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[43] 1999-12-19
[30] US (09/100,342) 1998-06-19

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[21] **2,275,531**
[13] A1

[51] **Int.Cl. 6B01J 37/02**
[25] EN
[54] **IMPREGNATING PROCESS FOR THE APPLICATION OF ACTIVE COMPOSITION TO STRUCTURED SUPPORTS OR MONOLITHS**
[54] **PROCESSUS D'IMPREGNATION POUR L'APPLICATION D'UN COMPOSE ACTIF A DES SUPPORTS OU A DES MONOLITHES STRUCTURES**

[72] BROCKER, FRANZ JOSEF, DE
[72] SCHWAB, EKKEHARD, DE
[71] BROCKER, FRANZ JOSEF, DE
[71] SCHWAB, EKKEHARD, DE
[22] 1999-06-18
[43] 1999-12-19
[30] DE (198 27 385.1) 1998-06-19

[21] **2,275,532**
[13] A1

[51] **Int.Cl. 6C08F 4/642 6C08F 2/34**
[25] EN
[54] **MIXED CATALYST COMPOSITION FOR THE PRODUCTION OF OLEFIN POLYMERS**
[54] **COMPOSE CATALYSEUR MIXTE POUR LA PRODUCTION DE POLYMERES OLEFINIQUES**

[72] KAO, SUN-CHUEH, US
[72] GOODE, MARK GREGORY, US
[72] DANIELL, PAUL THEODORE, US
[72] KAROL, FREDERICK JOHN, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[22] 1999-06-18
[43] 1999-12-19
[30] US (09/100,811) 1998-06-19

[21] **2,275,543**
[13] A1

[51] **Int.Cl. 6C12N 1/20 6A01N 63/02**
[25] EN
[54] **XANTHOMONAS CAMPESTRIS AS BIOLOGICAL CONTROL OF POA TRIVIALIS**

[54] **LUTTE BIOLOGIQUE CONTRE LE PATURIN COMMUN A L'AIDE DU XANTHOMONAS CAMPESTRIS**
[72] DETWEILER, ALVIN RONALD, US
[72] VARGAS, JOSEPH M., JR., US
[72] DYKEMA, NANCY M., US
[72] POWELL, JON F., US
[71] BOARD OF TRUSTEES, A CONSTITUTIONAL CORPORATION OPERATING MICHIGAN STATE, US
[22] 1999-06-18
[43] 1999-12-23
[30] US (103,119) 1998-06-23

[21] **2,275,554**
[13] A1

[51] **Int.Cl. 6C07D 487/04 6A61K 31/505**
[25] EN
[54] **INTRANASAL FORMULATIONS FOR TREATING SEXUAL DISORDERS**
[54] **FORMULATIONS INTRANASALES POUR TRAITER LES TROUBLES SEXUELS**

[72] BILLOTTE, ANNE, GB
[72] DUNN, PETER JAMES, GB
[72] HENRY, BRIAN THOMAS, GB
[72] MARSHALL, PETER VALLANCE, GB
[72] WOODS, JOANNA JAYNE, GB
[71] PFIZER RESEARCH AND DEVELOPMENT COMPANY, N.V./S.A., IE
[22] 1999-06-18
[43] 1999-12-22
[30] GB (9813452.1) 1998-06-22
[30] GB (9820837.4) 1998-09-24
[30] GB (9903177.5) 1999-02-13

[21] **2,275,557**
[13] A1

[51] **Int.Cl. 6C07C 401/00 6C07J 9/00 6B01D 15/08**
[25] EN
[54] **PROCESS FOR ISOLATING VITAMINE D3**
[54] **PROCESSUS D'ISOLATION DE LA VITAMINE D3**
[72] JOHANNSEN, MONIKA, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 1999-06-18
[43] 1999-12-23
[30] EP (98111490.3) 1998-06-23

[21] **2,275,558**
[13] A1

[51] **Int.Cl. 6C07C 401/00 6C07J 9/00**
[25] EN
[54] **PHOTOCHEMICAL PROCESS PROCESSUS PHOTOCHEMIQUE**
[72] JANSEN, MICHAEL, FR
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 1999-06-18
[43] 1999-12-23
[30] EP (98111492.9) 1998-06-23

[21] **2,275,560**
[13] A1

[51] **Int.Cl. 6A61F 13/56**
[25] EN
[54] **IMPROVED ADHESIVE PATTERNS FOR FEMININE HYGIENE ARTICLES**

[54] **CONFIGURATION D'ADHESION AMELIOREE POUR ARTICLES D'HYGIENE FEMININE**
[72] ROSENFELD, LEONARD G., US
[72] BRISEBOIS, HENRI, CA
[72] BOULANGER, ROGER, CA
[72] MAVINKURVE, PRAMOD S., US
[71] MCNEIL, PPC, INC., US
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[43] 1999-12-24
[30] US (09/104,122) 1998-06-24

[21] **2,275,561**
[13] A1

[51] **Int.Cl. 6H04L 12/22 6H04M 11/06**
[25] EN
[54] **COMMUNICATION SYSTEM AND METHOD INCREASING SECURITY**
[54] **SYSTEME DE COMMUNICATION ET METHODE POUR AUGMENTER SA SECURITE**

[72] HARASAKI, Kazuhiko, JP
[72] HIRATA, Hideyuki, JP
[71] NEC CORPORATION, JP
[22] 1999-06-18
[43] 1999-12-19
[30] JP (188066/1998) 1998-06-19

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[21] **2,275,562**
[13] A1

[51] **Int.Cl. 6G02B 6/44**
[25] EN
[54] **APPARATUSES AND METHODS FOR USE IN THE MAKING OF A SELF-SUPPORTING FIBER OPTIC CABLE**
[54] **APPAREILS ET METHODES A UTILISER DANS LA FABRICATION DE CABLES AUTOPORTEURS A FIBRES OPTIQUES**
[72] MCALPINE, WARREN W., US
[71] SIECOR OPERATIONS, LLC, US
[22] 1999-06-18
[43] 1999-12-22
[30] US (09/102,392) 1998-06-22

[21] **2,275,563**
[13] A1

[51] **Int.Cl. 6H04N 7/50**
[25] EN
[54] **MOVING PICTURE DECODING APPARATUS AND MOVING PICTURE DECODING METHOD**
[54] **APPAREIL A DECODER LES IMAGES ANIMEES ET METHODE DE DECODAGE DES IMAGES ANIMEES**
[72] TAJIME, JUNJI, JP
[72] TAKIZAWA, TETSURO, JP
[71] NEC CORPORATION, JP
[22] 1999-06-18
[43] 1999-12-19
[30] JP (10-173179) 1998-06-19

[21] **2,275,672**
[13] A1

[51] **Int.Cl. 6H04N 5/265 6H04N 5/91**
[25] EN
[54] **METHOD AND APPARATUS FOR SUPERIMPOSING ADDITIONAL INFORMATION WITH IMAGE SIGNAL**
[54] **METHODE ET APPAREIL A SUPERPOSER DE L'INFORMATION A UN SIGNAL IMAGE**
[72] NAKAMURA, MASASHI, JP
[72] OGINO, AKIRA, JP
[71] SONY CORPORATION, JP
[22] 1999-06-16
[43] 1999-12-19
[30] JP (P10-172944) 1998-06-19

[21] **2,275,673**
[13] A1

[51] **Int.Cl. 6A01G 27/02 6A01G 9/02**
[25] EN
[54] **PLANT CONTAINERIZING AND WATERING DEVICE**
[54] **DISPOSITIF D'ARROSAGE ET DE CONTENEURISATION DES PLANTES**
[72] DION, ANDRÉ, CA
[71] DION, ANDRÉ, CA
[22] 1999-06-22
[43] 1999-12-23
[30] US (60/090,414) 1998-06-23

[21] **2,275,675**
[13] A1

[51] **Int.Cl. 6H02H 7/093 6A47L 9/28**
[25] EN
[54] **ELECTRIC MOTOR STALL PROTECTION SYSTEM**
[54] **SYSTEME ANTIDECROCHAGE DE MOTEUR ELECTRIQUE**
[72] PHILLIPS, Martyn Stanley, CA
[72] PHILLIPS, Richard Stanley, CA
[72] CONRAD, Wayne Ernest, CA
[71] FANTOM TECHNOLOGIES INC., CA
[22] 1999-06-16
[43] 1999-12-25
[30] US (09/104,438) 1998-06-25

[21] **2,275,677**
[13] A1

[51] **Int.Cl. 6H04M 15/10 6H04M 3/42**
[25] EN
[54] **MARKETING CONTROL PROGRAM**
[54] **PROGRAMME DE CONTROLE DE LA COMMERCIALISATION**
[72] MALIK, DALE W., US
[71] BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, US
[22] 1999-06-16
[43] 1999-12-22
[30] US (09/102,236) 1998-06-22

[21] **2,275,734**
[13] A1

[51] **Int.Cl. 6G06K 19/077**
[25] FR
[54] **LECTEUR DE CARTE A CIRCUIT INTEGRE**
[54] **INTEGRATED CIRCUIT CARD READER**
[72] TORCHET, PASCAL, FR
[72] GRIMALDI, JEAN-FRANÇOIS, FR
[72] BODIN, JANNICK, FR
[71] ALCATEL, FR
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[43] 1999-12-22
[30] FR (98 07 833) 1998-06-22

[21] **2,275,736**
[13] A1

[51] **Int.Cl. 6C08F 220/40 6C08G 65/04 6C08F 216/12 6H01M 4/24**
[25] FR
[54] **POLYMERES OBTENUS A PARTIR DE MONOMERES PERMETTANT LEUR POLYMERISATION SEQUENTIELLE, ET LEURS UTILISATIONS, NOTAMMENT POUR LA PREPARATION DE CONDUCTEURS IONIQUES**
[54] **POLYMERS DERIVED FROM BLOCK POLYMERIZATION MONOMERS AND THEIR USES, ESPECIALLY FOR THE PREPARATION OF IONIC CONDUCTORS**
[72] ARMAND, MICHEL, CA
[72] HARVEY, PAUL-ÉTIENNE, CA
[72] MICHOT, CHRISTOPHE, FR
[72] VALLÉE, ALAIN, CA
[72] GAUTHIER, MICHEL, CA
[71] HYDRO-QUÉBEC, CA
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[43] 1999-12-25
[30] CA (2,243,103) 1998-07-10
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[13] A1

[51] **Int.Cl. 6B01J 2/28 6B01J 20/20 6B01J 20/30**
[25] FR
[54] **AGGLOMERATS A BASE DE CHARBON ACTIF, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION COMME AGENTS D'ADSORPTION**
[54] **ACTIVATED CARBON AGGLOMERATES, THEIR METHOD OF PREPARATION AND THEIR USE AS ADSORPTION AGENTS**
[72] REYMONET, JEAN-LOUIS, FR
[71] CECA S.A., FR
[22] 1999-06-21
[43] 1999-12-23
[30] FR (98/07910) 1998-06-23

[21] **2,275,787**
[13] A1

[51] **Int.Cl. 6G03G 15/10**
[25] EN
[54] **LIQUID DEVELOPMENT APPARATUS**
[54] **DISPOSITIF DE MISE AU POINT DE LIQUIDE**
[72] SUZUKI, MITSUO, JP
[72] KAMIO, KEIJI, JP
[72] MATSUNO, JUNICHI, JP
[72] MORI, AKIRA, JP
[72] MATSUMOTO, SHOGO, JP
[71] HITACHI, LTD., JP
[22] 1999-06-21
[43] 1999-12-25
[30] JP (10-178385) 1998-06-25
[30] JP (10-264299) 1998-09-18

[21] **2,275,788**
[13] A1

[51] **Int.Cl. 6F04C 18/02**
[25] EN
[54] **OLDHAM COUPLING FOR A SCROLL COMPRESSOR**
[54] **JOINT D'OLDHAM POUR COMPRESSEUR A SPIRALE**
[72] O'BRIEN, DARRIN S., US
[72] HALLER, DAVID K., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 1999-06-21
[43] 1999-12-22
[30] US (60/090,136) 1998-06-22

[21] **2,275,789**
[13] A1

[51] **Int.Cl. 6F04B 53/18 6F04C 29/02**
[25] EN
[54] **POSITIVE DISPLACEMENT PUMP**
[54] **POMPE VOLUMETRIQUE**
[72] GANNAWAY, EDWIN L., US
[72] COOKSEY, EDWARD A., US
[72] HADESH, DANIEL J., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 1999-06-21
[43] 1999-12-22
[30] US (60/090,136) 1998-06-22

[21] **2,275,790**
[13] A1

[51] **Int.Cl. 6B60H 1/32 6B60P 3/20**
[25] EN
[54] **AIR RETURN BULKHEAD FOR REFRIGERATION TRAILERS**
[54] **CLOISON DE RETOUR D'AIR POUR REMORQUE DE REFRIGERATION**
[72] HENNING, STEVEN A., US
[71] AERO INDUSTRIES, INC., US
[22] 1999-06-21
[43] 1999-12-22
[30] US (09/102,060) 1998-06-22

[21] **2,275,810**
[13] A1

[51] **Int.Cl. 6E04F 13/00**
[25] EN
[54] **LINEAL CORNER BLOCK**
[54] **EQUERRE LINEAIRE**
[72] LONG, ROBERT, US
[72] LAPPIN, RICK, US
[71] CERTAINTEED CORPORATION, US
[22] 1999-06-21
[43] 1999-12-19
[30] US (09/100,552) 1998-06-19

[21] **2,275,812**
[13] A1

[51] **Int.Cl. 6D06B 1/14 6B65H 18/16 6B32B 31/18 6E06B 9/266**
[25] EN
[54] **APPARATUS FOR MANUFACTURING AN ADJUSTABLE COVERING FOR ARCHITECTURAL OPENINGS**
[54] **APPAREIL POUR FABRIQUER UN PAREMENT REGLABLE POUR LES BAIES ARCHITECTURALES**
[72] HARTMAN, DAVID, US
[72] COLSON, WENDELL B., US
[71] HUNTER DOUGLAS INC., US
[22] 1999-06-21
[43] 1999-12-22
[30] US (09/102,975) 1998-06-22

[21] **2,275,813**
[13] A1

[51] **Int.Cl. 6F04C 18/02**
[25] EN
[54] **STEPPED ANNULAR INTERMEDIATE PRESSURE CHAMBER FOR AXIAL COMPLIANCE IN A SCROLL COMPRESSOR**
[54] **CHAMBRE DE PRESSION INTERMEDIAIRE ANNULAIRE A GRADINS POUR AJUSTEMENT AXIAL DANS UN COMPRESSEUR A SPIRALE**
[72] HALLER, DAVID K., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 1999-06-21
[43] 1999-12-22
[30] US (60/090,136) 1998-06-22

[21] **2,275,815**
[13] A1

[51] **Int.Cl. 6E21B 37/00**
[25] EN
[54] **BORE HOLE CLEARING**
[54] **APPAREIL A DEGAGER LES TROUS DE FORAGE**
[72] HEAD, PHILIP, GB
[71] HEAD, PHILIP, GB
[22] 1999-06-21
[43] 1999-12-20
[30] GB (9813404.2) 1998-06-20

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[21] **2,275,816**
[13] A1

[51] **Int.Cl. 6F04C 18/02 6F04C 29/02**
[25] EN
[54] **BEARING LUBRICATION SYSTEM FOR A SCROLL COMPRESSOR**
[54] **SYSTEME DE LUBRIFICATION DE PALIERS POUR COMPRESSEUR A SPIRALE**
[72] HALLER, DAVID K., US
[72] UTTER, ROBERT E., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 1999-06-21
[43] 1999-12-22
[30] US (60/090,136) 1998-06-22

[21] **2,275,818**
[13] A1

[51] **Int.Cl. 6H01L 31/0248**
[25] EN
[54] **PHOTODIODE AND PHOTODIODE MODULE**
[54] **PHOTODIODE ET MODULE DE PHOTODIODE**
[72] KUHARA, YOSHIKI, JP
[72] TERAUCHI, HITOSHI, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1999-06-21
[43] 1999-12-22
[30] JP (10-174227) 1998-06-22

[21] **2,275,823**
[13] A1

[51] **Int.Cl. 6H04B 10/08 6H04B 10/18**
[25] EN
[54] **METHOD FOR MEASURING INTERFERENCE EFFECTS ON GLASS FIBER TRANSMISSION LINKS AS WELL AS A TRANSMISSION SYSTEM**
[54] **METHODE DE MESURE DES EFFETS D'INTERFERENCE DANS UN LIEN DE TRANSMISSION A FIBRES OPTIQUES AINSI QUE DANS UN SYSTEME DE TRANSMISSION**
[72] BULOW, HENNING, DE
[72] SCHMUCK, HARALD, DE
[71] ALCATEL, FR
[22] 1999-06-15
[43] 1999-12-20
[30] DE (198 27 638.9) 1998-06-20

[21] **2,275,824**
[13] A1

[51] **Int.Cl. 6H04L 12/24**
[25] EN
[54] **METHOD OF SAVING OPERATING DATA OF A NETWORK ELEMENT, AND CONTROLLER FOR A NETWORK ELEMENT**
[54] **METHODE DE SAUVEGARDE DES DONNEES DE FONCTIONNEMENT D'UN ELEMENT DE RESEAU ET CONTROLEUR D'ELEMENT DE RESEAU**
[72] KNEBEL, UWE, DE
[72] BANZHAF, MONIKA, DE
[72] NUSCH, DIETMAR, DE
[71] ALCATEL, FR
[22] 1999-06-15
[43] 1999-12-20
[30] DE (198 27 637.0) 1998-06-20

[21] **2,275,827**
[13] A1

[51] **Int.Cl. 6A61K 31/195 6A61K 31/215 6A61K 31/275 6A61K 31/34 6A61K 31/38 6A61K 31/41 6A61K 31/44 6A61K 31/495**
[25] EN
[54] **METHOD FOR TREATING GLAUCOMA**
[54] **METHODE DE TRAITEMENT DU GLAUCOME**
[72] LEFKER, BRUCE ALLEN, US
[72] CAMERON, KIMBERLY O'KEEFE, US
[71] PFIZER PRODUCTS INC., US
[22] 1999-06-21
[43] 1999-12-23
[30] US (60/090,386) 1998-06-23

[21] **2,275,829**
[13] A1

[51] **Int.Cl. 6H04L 12/66**
[25] EN
[54] **IP TELEPHONY GATEWAY**
[54] **PASSERELLE TELEPHONIQUE IP**
[72] AUBRY, ISABELLE, FR
[72] BRIVET, MAYEUL, FR
[72] TRIPPS, JOHN, FR
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-06-21
[43] 1999-12-19
[30] US (60/090,038) 1998-06-19

[21] **2,275,830**
[13] A1

[51] **Int.Cl. 6C08F 4/642**
[25] EN
[54] **CATALYST SYSTEM FOR THE PRODUCTION OF OLEFIN (CO)POLYMERS**
[54] **SYSTEME CATALYTIQUE POUR LA PRODUCTION DE (CO)POLYMERES D'OLEFINES**
[72] HOCH, MARTIN, DE
[72] JANSEN, JOHANNES-RUDOLF, DE
[72] SCHNEIDER, JURGEN, DE
[72] SATTLER, ANDREAS, DE
[72] ESSERT, THOMAS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 1999-06-21
[43] 1999-12-24
[30] DE (19828107.2) 1998-06-24

[21] **2,275,834**
[13] A1

[51] **Int.Cl. 6C08K 5/55 6C09J 185/04 6C08L 29/04 6C08L 31/04 6C08L 85/04 6C08L 33/08**
[25] EN
[54] **FIBER BINDING POWDER COMPOSITION FOR CONSOLIDATING FIBER MATERIALS**
[54] **POUDRE LIANTE DE FIBRES POUR LA CONSOLIDATION DES MATERIAUX FIBREUX**
[72] KOEGLER, GERHARD, DE
[72] KOHLHAMMER, KLAUS, DE
[72] SEIDL, SUSANNE, DE
[72] GRUBER, SABINE, DE
[72] PROEBSTL, HERBERT, AT
[71] WACKER-CHEMIE GMBH, DE
[22] 1999-06-21
[43] 1999-12-19
[30] DE (198 27 475.0) 1998-06-19

[21] **2,275,839**
[13] A1

[51] **Int.Cl. 6A61K 7/48 6C11D 1/28 6C11D 3/382**
[25] EN
[54] **HIGH LATHERING GRAIN BASED CLEANSING BARS**
[54] **SAVONS MOUSSANTS A BASE DE CEREALES**
[72] REES, WAYNE M., US
[72] LEIFHEIT, DAVID H., US
[72] BURI, DAVID M., US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[22] 1999-06-21
[43] 1999-12-22
[30] US (09/102439) 1998-06-22

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[21] **2,275,844**
[13] A1
[51] **Int.Cl. 6G01N 33/543 6G01N 33/52 6G01N 33/577**
[25] EN
[54] **SPECIFIC BINDING ASSAYS USING METHYL ORANGE**
[54] **IMMUNODETECTION SPECIFIQUE UTILISANT LE METHYLORANGE**
[72] UNADKAT, PRATUL, GB
[71] ORTHO-CLINICAL DIAGNOSTICS, GB
[22] 1999-06-21
[43] 1999-12-22
[30] GB (9813450.5) 1998-06-22

[21] **2,275,845**
[13] A1
[51] **Int.Cl. 6A61K 7/48 6A61K 7/06**
[25] EN
[54] **COSMETIC RAW MATERIALS, COSMETIC PRODUCTS, AND METHODS OF MANUFACTURING COSMETIC PRODUCTS**
[54] **MATIERES PREMIERES COSMETIQUES, PRODUITS COSMETIQUES ET METHODE DE FABRICATION DE CES PRODUITS**
[72] MORITA, YOSHITSUGU, JP
[72] OZAKI, MASARU, JP
[72] HAMACHI, TADASHI, JP
[72] KOBAYASHI, KAZUO, JP
[72] TACHIBANA, RYUJI, JP
[71] DOW CORNING TORAY SILICONE COMPANY, LTD., JP
[22] 1999-06-21
[43] 1999-12-23
[30] JP (10-192507) 1998-06-23
[30] JP (11-016277) 1999-01-25

[21] **2,275,851**
[13] A1
[51] **Int.Cl. 6F02P 15/08 6F02B 5/02 6F01N 7/08 6F02B 25/26**
[25] EN
[54] **TWO STROKE, MULTIPLE CYLINDER ENGINE FOR SMALL VEHICLE**
[54] **MOTEUR A DEUX TEMPS ET A CYLINDRES MULTIPLES POUR VEHICULES LEGERS**
[72] OKADA, HIROYUKI, JP
[72] ASANO, KIYOMORI, JP
[72] KATO, KITOSHI, JP
[71] YAMAHA MOTOR CO., LTD., JP
[22] 1999-06-21
[43] 1999-12-19
[30] JP (10-172888) 1998-06-19
[30] JP (10-184255) 1998-06-30

[21] **2,275,852**
[13] A1
[51] **Int.Cl. 6H01R 39/02 6A01K 97/00**
[25] EN
[54] **ELECTRICAL CONNECTOR FOR A CABLE REEL**
[54] **CONNECTEUR ELECTRIQUE POUR DEVIDOIR D'ENROULEMENT DE CABLE**
[72] FORD, RICHARD, CA
[71] WALKER DOWNRIGGERS, INC., CA
[22] 1999-06-21
[43] 1999-12-22
[30] US (09/102,233) 1998-06-22

[21] **2,275,856**
[13] A1
[51] **Int.Cl. 6D21H 23/38**
[25] EN
[54] **DEVICE FOR THE DIRECT OR INDIRECT APPLICATION OF A LIQUID OR VISCID COATING MEDIUM ONTO A MOVING MATERIAL WEB**
[54] **DISPOSITIF POUR L'APPLICATION DIRECTE OU INDIRECTE D'UN LIQUIDE OU D'UNE SUBSTANCE D'ENROBAGE VISCIDE SUR UNE TOILE EN MOUVEMENT**
[72] GOTTWALD, INGO, DE
[72] KUSTERMANN, MARTIN, DE
[72] UEBERSCHÄR, MANFRED, DE
[72] HESS, HARALD, DE
[72] REICH, STEFAN, DE
[72] KOHL, BERNHARD, DE
[72] BERNERT, RICHARD, DE
[72] MÉNDEZ-GALLON, BENJAMIN, DE
[72] HENNINGER, CHRISTOPH, DE
[72] KURTZ, RUEDIGER, DE
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE
[22] 1999-06-21
[43] 1999-12-22
[30] DE (198 27 712.1) 1998-06-22

[21] **2,275,858**
[13] A1
[51] **Int.Cl. 6A23L 2/52 6A61K 31/22 6A61K 31/355 6A61K 31/59**
[25] EN
[54] **VITAMIN POWDERS FOR BEVERAGE APPLICATIONS**
[54] **POUDRES DE VITAMINE POUR PREPARATIONS DE BOISSONS**
[72] MILBANK, MARK CORDES, US
[72] MERGENS, WILLIAM JOSEPH, US
[72] CHEN, CHYI-CHENG, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 1999-06-21
[43] 1999-12-24
[30] US (60/090,508) 1998-06-24

[21] **2,275,862**
[13] A1
[51] **Int.Cl. 6G09G 5/36 6H04N 5/76**
[25] EN
[54] **IMAGE REPRODUCTION AND DISPLAY DEVICE**
[54] **DISPOSITIF DE REPRODUCTION ET DE VISUALISATION D'IMAGE**
[72] NOGA, TAKEHIRO, JP
[72] YAMAMURA, YOSHIHIRO, JP
[72] YATSUI, HIROSHI, JP
[72] ATSUMI, KINJI, JP
[72] YAMAGUCHI, HIROSHI, JP
[71] NEC CORPORATION, JP
[22] 1999-06-22
[43] 1999-12-24
[30] JP (10-177831) 1998-06-24

[21] **2,275,864**
[13] A1
[51] **Int.Cl. 6G02F 1/21**
[25] EN
[54] **METHOD AND APPARATUS FOR OPTICAL FREQUENCY DEMODULATION OF AN OPTICAL SIGNAL USING INTERFEROMETRY**
[54] **METHODE ET APPAREIL POUR LA DEMODULATION DE FREQUENCE OPTIQUE D'UN SIGNAL OPTIQUE UTILISANT L'INTERFEROMETRIE**
[72] RICHARDSON, BRUCE, CA
[72] KIM, KIHONG, CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-06-22
[43] 1999-12-23
[30] GB (9813412.5) 1998-06-23

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[21] **2,275,913**
[13] A1

[51] **Int.Cl. 6H04L 12/42 6H04B 10/20**
[25] EN
[54] **BIDIRECTIONAL RING NETWORKS IMPLEMENTED ON A SINGLE FIBER**
[54] **RESEAUX BIDIRECTIONNELS EN ANNEAU MIS EN OEUVRE SUR UNE SEULE FIBRE**
[72] SOLHEIM, ALAN G., CA
[72] DANAGHER, DAVID J., CA
[72] FRODSHAM, JAMES A., CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-06-22
[43] 1999-12-23
[30] US (09/102,774) 1998-06-23

[21] **2,275,963**
[13] A1

[51] **Int.Cl. 6A61K 7/043 6A61K 7/025 6A61K 7/42**
[25] FR
[54] **PRODUIT DE MAQUILLAGE ASSOCIANT UN PIGMENT PHOTOCHROME ET UN FILTRE U.V., SES UTILISATIONS**
[54] **MAKEUP PRODUCT INCORPORATING A PHOTOCROMIC PIGMENT WITH A U.V. SCREEN, AND USES OF SAID PRODUCT**
[72] SIMON, JEAN-CHRISTOPHE, FR
[71] L'ORÉAL, FR
[22] 1999-06-18
[43] 1999-12-25
[30] FR (98 08 085) 1998-06-25

[21] **2,275,977**
[13] A1

[51] **Int.Cl. 6A61G 5/14**
[25] FR
[54] **NOIX D'ARTICULATION POUR ACCOUDOIR DE FAUTEUIL D'HANDICAPÉ ET FAUTEUIL EN FAISANT APPLICATION**
[54] **HINGE YOKE FOR STANDUP WHEELCHAIR ARMREST AND WHEELCHAIR INCORPORATING SAID HINGE YOKE**
[72] PORCHERON, FRANÇOIS, FR
[71] I.D.C. MEDICAL, FR
[22] 1999-06-22
[43] 1999-12-23
[30] FR (98 08 107) 1998-06-23

[21] **2,275,978**
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 7/02 6A61K 7/06 6A61K 7/40 6A61K 31/80**
[25] FR
[54] **COMPOSITION ANHYDRE, UTILISATION EN COSMETIQUE, PHARMACIE OU HYGIENE**
[54] **WATER-FREE COMPOSITION AND ITS USE IN COSMETICS, PHARMACY AND HYGIENE**
[72] BARA, ISABELLE, FR
[72] COLLETTE, ANNICK, FR
[72] LEMANN, PATRICIA, FR
[71] L'ORÉAL, FR
[22] 1999-06-22
[43] 1999-12-25
[30] FR (98 08 086) 1998-06-25

[21] **2,275,979**
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 7/02 6A61K 7/06 6A61K 7/40 6A61K 31/80**
[25] FR
[54] **COMPOSITION ANHYDRE, UTILISATION EN COSMETIQUE, PHARMACIE OU HYGIENE**
[54] **WATER-FREE COMPOSITION AND ITS USE IN COSMETICS, PHARMACY AND HYGIENE**
[72] LEMANN, PATRICIA, FR
[72] COLLETTE, ANNICK, FR
[72] BARA, ISABELLE, FR
[71] L'ORÉAL, FR
[22] 1999-06-22
[43] 1999-12-25
[30] FR (98 08 084) 1998-06-25

[21] **2,275,984**
[13] A1

[51] **Int.Cl. 6H01F 41/04**
[25] EN
[54] **BEAD INDUCTOR AND METHOD OF MANUFACTURING SAME**
[54] **PERLE DE BOBINE D'INDUCTION ET METHODE DE FABRICATION DE CELLE-CI**
[72] SUGITANI, MASAMI, JP
[72] SHIKAMA, TAKASHI, JP
[72] OSHIMA, HISATO, JP
[71] MURATA MANUFACTURING CO., LTD., JP
[22] 1999-06-22
[43] 1999-12-23
[30] JP (10-175650) 1998-06-23

[21] **2,276,002**
[13] A1

[51] **Int.Cl. 6G11C 11/34 6G11C 17/00**
[25] EN
[54] **SEMICONDUCTOR MEMORIES**
[54] **MEMOIRES SEMI-CONDUCTRICES**
[72] ALBON, RICHARD, GB
[72] ALAN, MARTIN, GB
[72] JOHNSTON, DAVID, GB
[71] MITEL SEMICONDUCTOR LIMITED, GB
[22] 1999-06-22
[43] 1999-12-23
[30] GB (9813459.6) 1998-06-23

[21] **2,276,003**
[13] A1

[51] **Int.Cl. 6A01H 4/00 6A01H 5/00 6C12N 5/04 6C12N 5/14**
[25] EN
[54] **METHOD FOR RAPID MATURATION AND CULTIVATION OF GINSENG PLANTS REGENERATED FROM SOMATIC EMBRYO CULTURES**
[54] **METHODE POUR LA MATURATION ET LA CULTURE RAPIDES DE PLANTS DE GINSENG REGENERES A PARTIR DE CULTURES D'EMBRYONS SOMATIQUES**
[72] TIRAJOH, ANANCHANOK, CA
[72] TAUTORUS, THOMAS EDWARD, CA
[72] STEWART, CHRISTINE, CA
[72] FOO, SAMUEL K., CA
[72] KYUNG, TEI SIK, CA
[72] PUNJA, ZAMIR K., CA
[72] BAST, CAROL ANN, CA
[72] GRIMES, SUSANNA MARY AGNES, CA
[71] PHYTOGEN PHARMACEUTICALS, INC., CA
[22] 1999-06-22
[43] 1999-12-22
[30] US (09/102,884) 1998-06-22

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[21] **2,276,014**
[13] A1

[51] **Int.Cl. 6C08G 77/388 6C08F 112/08 6C08G 77/452 6C08F 2/50**
[25] EN
[54] **NOVEL MACROAZO COMPOUNDS**
[54] **NOUVEAUX COMPOSES MACROAZOIQUES**
[72] SHIRAKI, KAZUO, JP
[72] TSURUMOTO, HIROYUKI, JP
[72] ABE, TOMOMITSU, JP
[71] WAKO PURE CHEMICAL INDUSTRIES, LTD., JP
[22] 1999-06-23
[43] 1999-12-24
[30] JP (10-193760) 1998-06-24
[30] JP (10-227693) 1998-07-28
[30] JP (10-233559) 1998-08-05
[30] JP (10-256019) 1998-08-26

[21] **2,276,017**
[13] A1

[51] **Int.Cl. 6G07F 19/00**
[25] EN
[54] **PINLESS CASH ADVANCES**
[54] **AVANCES EN ESPECES SANS NIP**
[72] STINSON, MICHAEL C., US
[72] TEMPLER, JOHN W., JR., US
[72] CLOWER, DYRON, US
[71] MR. PAYROLL CORPORATION, US
[22] 1999-06-23
[43] 1999-12-25
[30] US (09/104,702) 1998-06-25

[21] **2,276,028**
[13] A1

[51] **Int.Cl. 6A61C 17/22 6A61C 3/025**
[25] EN
[54] **DISPOSABLE DENTAL PROPHYLACTIC CARTRIDGE**
[54] **CARTOUCHE PROPHYLACTIQUE DENTAIRE JETABLE**
[72] WARNER, THOMAS P., US
[71] WARNER, THOMAS P., US
[22] 1999-06-23
[43] 1999-12-23
[30] US (60/090,335) 1998-06-23

[21] **2,276,061**
[13] A1

[51] **Int.Cl. 6E05C 3/32**
[25] EN
[54] **ACTUATING BAR-TYPE LOCK**
[54] **VERROU A BARRE DE COMMANDE**
[72] KARNUTSCH, ELIAS, AT
[72] MARSEILER, FRANZ, AT
[72] SCHUBERTH, OLIVER, AT
[71] HOPPE AG, IT
[22] 1999-06-22
[43] 1999-12-25
[30] DE (298 11 395.3) 1998-06-25

[21] **2,276,071**
[13] A1

[51] **Int.Cl. 6E06B 9/266 6G08C 17/00 6H05K 7/02 6E05F 15/10 6A47H 1/144**
[25] EN
[54] **REMOTE CONTROL OPERATING SYSTEM AND SUPPORT STRUCTURE FOR A RETRACTABLE COVERING FOR AN ARCHITECTURAL OPENING**
[54] **SYSTEME DE CONTROLE A DISTANCE ET STRUCTURE DE SOUTIEN POUR UN PAREMENT ESCAMOTABLE POUR UNE BAIE ARCHITECTURALE**
[72] KOVACH, JOSEPH E., US
[72] HOLFORD, MICHAEL S., US
[72] JAROSINSKI, MAREK, US
[71] HUNTER DOUGLAS INC., US
[22] 1999-06-22
[43] 1999-12-22
[30] US (60/090,269) 1998-06-22

[21] **2,276,075**
[13] A1

[51] **Int.Cl. 6G01V 1/26**
[25] EN
[54] **CONTINUOUS DATA SEISMIC SYSTEM**
[54] **SYSTEME SISMIQUE DONNEES CONTINUES**
[72] MORGAN, PAUL MCDONALD, US
[72] GUYTON, WILLIAM ALFRED, US
[72] WILLIAMSON, KENNETH GRAEME, GB
[71] WESTERN ATLAS INTERNATIONAL, INC., US
[22] 1999-06-22
[43] 1999-12-25
[30] US (09/104,905) 1998-06-25

[21] **2,276,076**
[13] A1

[51] **Int.Cl. 6H02B 13/02 6H02B 1/06**
[25] EN
[54] **ARC RESISTANT METAL-CLAD SWITCHGEAR**
[54] **APPAREILLAGE DE CONNEXION REVETU DE METAL RESISTANT A L'ARC**
[72] SMITH, JAMES E., US
[72] BRANDT, DOUGLAS M., US
[71] EATON CORPORATION, US
[22] 1999-06-22
[43] 1999-12-22
[30] US (09/102,181) 1998-06-22

[21] **2,276,078**
[13] A1

[51] **Int.Cl. 6A63F 7/02 6F21V 33/00**
[25] EN
[54] **ILLUMINABLE RAMP ASSEMBLY FOR A PINBALL GAME**
[54] **ASSEMBLAGE DE RAMPE LUMINEUX POUR BILLARD ELECTRIQUE**
[72] POPADIUK, JOHN A., US
[72] SKALON, JOHN W., US
[71] WILLIAMS ELECTRONICS GAMES, INC., US
[22] 1999-06-22
[43] 1999-12-24
[30] US (09/103,818) 1998-06-24

[21] **2,276,079**
[13] A1

[51] **Int.Cl. 6B44F 1/06 6B29C 39/02**
[25] EN
[54] **DECORATIVE WINDOW AND PROCESS FOR MAKING SAME**
[54] **FENETRE DECORATIVE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] HOWES, STEPHEN E., US
[71] HOWES, STEPHEN E., US
[22] 1999-06-22
[43] 1999-12-24
[30] US (103,183) 1998-06-24

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[21] **2,276,084**
[13] A1

[51] **Int.Cl. 6B63C 9/26**
[25] EN
[54] **MARINE RESCUE SNARE**
[54] **NOEUD COULANT POUR SAUVETAGE MARITIME**
[72] KELLETT, K. CRAIGE, CA
[71] KELLETT, K. CRAIGE, CA
[22] 1999-06-23
[43] 1999-12-25
[30] CA (2,241,512) 1998-06-25

[21] **2,276,089**
[13] A1

[51] **Int.Cl. 6A23J 3/08 6A23C 19/00 6A23G 9/00 6A23C 21/02**
[25] EN
[54] **CHEESE WHEY PROTEIN HAVING IMPROVED TEXTURE, PROCESS FOR PRODUCING THE SAME AND USE THEREOF**
[54] **PROTEINE DE PETIT LAIT DE FROMAGE AYANT UNE TEXTURE AMELIOREE, PROCEDE POUR PRODUIRE LADITE PROTEINE ET UTILISATION CONNEXE**
[72] SOEDA, TAKAHIKO, JP
[71] AJINOMOTO CO., INC., JP
[22] 1999-06-23
[43] 1999-12-24
[30] JP (176988/1998) 1998-06-24

[21] **2,276,095**
[13] A1

[51] **Int.Cl. 6D21F 7/06**
[25] EN
[54] **PAPERMAKING MACHINE WITH VARIABLE DEWATERING ELEMENTS ADJUSTED BY COMPUTER CONTROL SYSTEM IN RESPONSE TO SENSORS OF PAPER SHEET CHARACTERISTICS**
[54] **APPAREIL DE FABRICATION DU PAPIER AVEC ELEMENTS DE DESHYDRATATION VARIABLES AJUSTES PAR COMMANDE INFORMATIQUE EN REPOSE AUX CAPTEURS DE CARACTERISTIQUES DES FEUILLES DE PAPIER**
[72] EDWARDS, ROBERT E., JR., US
[72] RULIS, DEAN A., US
[71] WILBANKS INTERNATIONAL, INC., US
[22] 1999-06-22
[43] 1999-12-23
[30] US (09/103,511) 1998-06-23

[21] **2,276,114**
[13] A1

[51] **Int.Cl. 6B01D 53/73 6C02F 1/78**
[25] EN
[54] **METHOD FOR PROCESSING POLLUTED FLUID CONTAINING POLLUTANTS**
[54] **METHODE POUR TRAITER LES LIQUIDES POLLUES CONTENANT DES POLLUANTS**
[72] TSUTAYA, HIROYUKI, JP
[72] YASUTAKE, AKINORI, JP
[72] TOMONAGA, NARIYUKI, JP
[72] IZUMI, JUN, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1999-06-21
[43] 1999-12-22
[30] JP (10-174866) 1998-06-22
[30] JP (10-174867) 1998-06-22

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[71] CORE-VENT CORPORATION, US
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[72] SUGITANI, MASAMI, JP
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[72] MEKAILIAN, PETER UWE, US
[72] PATRICK, RODNEY LANE, US
[71] NEXTEC APPLICATIONS, INC., US
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[71] ABB POWER T & D COMPANY INC., US
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[25] EN
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[54] **COMMANDE DE CHAUFFE-EAU ELECTRIQUE**
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[72] HOFFMANN, BRIAN M., US
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[54] **STATOR ANNULAIRE DE TURBINE HAUTE PRESSION POUR MOTEUR A TURBINE**
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[72] BROMANN, ALAIN MARC LUCIEN, FR
[72] MAREY, DANIEL JEAN, FR
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[72] KALEMPA, WALENTY, US
[72] DRIFKA, BRIAN NORBERT, US
[71] RYTEC CORPORATION, US
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[72] COX, INGEMAR J., US
[72] MILLER, MATTHEW L., US
[71] NEC CORPORATION, JP
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[72] ITO, YOSHIHARU, JP
[72] YABU, HAJIME, JP
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[72] EYRE, RONALD K., US
[71] SMITH INTERNATIONAL, INC., US
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[54] **METHODE POUR PRODUIRE DU TRICOT GONFLANT TEINT EN NUANCE FONCEE**
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[71] MILLIKEN & COMPANY, US
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[54] **NEW ALUMINA, ITS METHOD OF PREPARATION AND ITS USE AS A CATALYST, CATALYST CARRIER OR ADSORBENT**
[72] TAXIL, BERNARD, FR
[72] LE LOARER, JEAN-LUC, FR
[72] NEDEZ, CHRISTOPHE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
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[71] ALSTOM FRANCE SA, FR
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[54] **DISPOSITIF DE COMMUTATION ELECTRIQUE AVEC SYSTEME DE COMMANDE SYNCHRONE ET MECANISME D'ACCES**
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[72] DUNK, MICHAEL PETER, US
[71] COOPER INDUSTRIES, INC., US
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[72] ROCHEFORT, MALCOLM, IE
[71] KINGSPAN RESEARCH AND DEVELOPMENTS LIMITED, IE
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[71] RITE-HITE HOLDING CORPORATION, US
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[72] GRONER, ALBRECHT, DE
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[71] CELESTICA INTERNATIONAL INC., CA
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[54] **SCROLL TYPE COMPRESSOR IN WHICH AN OIL SEAL IS FORMED BETWEEN AN INVOLUTE WALL AND AN END PLATE CONFRONTING WITH THE INVOLUTE WALL IN AN AXIAL DIRECTION**
[54] **COMPRESSEUR A ENROULEMENT DANS LEQUEL UN JOINT ETANCHE A L'HUILE A ETE FORME ENTRE UN MUR A DEVELOPPANTE ET UNE PLAQUE DE FOND FAISANT FACE AU MUR A DEVELOPPANTE DANS UNE DIRECTION AXIALE**
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[71] SANDEN CORPORATION, JP
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[54] **BROSSE ERGONOMIQUE ET MANCHE CONNEXE**
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[72] HERRON, HAROLD F., US
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[54] **ISOFORMES DE MORT1**
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[72] BINGHAM, BRENDAN WILLIAM, US
[72] YOUNG, KATHLEEN H., US
[72] BIRSAN, CAMELIA, US
[72] WOOD, ANDREW TIMOTHY, US
[71] AMERICAN HOME PRODUCTS CORPORATION, US
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[30] US (60/044,835) 1997-04-25

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[51] Int.Cl. 6C07K 1/00 6C12P 21/04
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[25] EN
[54] **METHODS FOR THE PRODUCTION OF ASLV REVERSE TRANSCRIPTASES COMPOSED OF MULTIPLE SUBUNITS**
[54] **PROCEDES DE PRODUCTION DE TRANSCRIPTASES INVERSE ASLV CONSTITUEES DE SOUS-UNITES MULTIPLES**
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[72] GERARD, GARY F., US
[72] SMITH, MICHAEL D., US
[71] LIFE TECHNOLOGIES, INC., US
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[72] PERSECHINI, ANTHONY, US
[71] UNIVERSITY OF ROCHESTER, US
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[51] Int.Cl. 6C07K 14/47 6G01N 33/53
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[25] EN
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[54] **COMPOSITIONS PROTEIQUES A ACTIVATION SYNAPTIQUE ET METHODE AFFERENTE**
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[51] Int.Cl. 6A61K 49/00 6A01N 63/00
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[25] EN
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[54] **PROCEDES DE CRIBLAGE DE COMPOSES UTILES POUR LA PREVENTION DE L'INFECTION OU DE LA PATHOGENICITE**
[72] HEARD, JACQUELINE, US
[72] BROEKS, ANNEGIEEN, NL
[72] AUSUBEL, FREDERICK M., US
[72] PLASTERK, RONALD H. A., NL
[72] JANDER, GEORG, US
[72] RAHME, LAWRENCE G., US
[72] TAN, MAN-WAH, US
[72] RUVKUN, GARY B., US
[72] MAHAJAN-MIKLOS, SHALINA, US
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[25] EN
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[72] GUEGLER, KARL J., US
[72] BANDMAN, OLGA, US
[72] SHAH, PURVI, US
[71] INCYTE PHARMACEUTICALS, INC., US
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[30] US (08/839,709) 1997-04-14

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<p style="text-align: right;">[21] 2,287,900 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/09 6C12Q 1/68 [25] EN [54] METHODS FOR DETECTING AND ISOLATING NUCLEAR TRANSPORT PROTEINS [54] PROCEDE SERVANT A DETECTER ET A ISOLER DES PROTEINES DE TRANSPORT NUCLEAIRE [72] UEKI, NOBUHIDE, JP [72] NOGUCHI, TERUHISA, JP [71] HELIX RESEARCH INSTITUTE, JP [85] 1999-10-25 [86] 1998-04-27 (PCT/JP98/01936) [87] 1998-11-05 (WO98/49284) [30] JP (9/124795) 1997-04-28 [30] JP (9/309686) 1997-10-24</p>	<p style="text-align: right;">[21] 2,288,077 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/60 6A01H 5/00 6C12N 5/10 6C12N 1/21 6C12N 15/82 [25] EN [54] SELECTION MARKER [54] MARQUEUR DE SELECTION [72] DAMM, BRIGITTE, DE [71] MOGEN INTERNATIONAL NV, NL [85] 1999-10-15 [86] 1998-04-17 (PCT/EP98/02979) [87] 1998-10-29 (WO98/48023) [30] EP (97201140.7) 1997-04-18</p>	<p style="text-align: right;">[21] 2,288,430 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/12 6C07K 16/18 6C07K 14/47 6G01N 33/50 6G01N 33/53 6C12Q 1/68 [25] EN [54] CRSP PROTEIN (CYSTEINE-RICH SECRETED PROTEINS), NUCLEIC ACID MOLECULES ENCODING THEM AND USES THEREFOR [54] PROTEINES CRSP (PROTEINES SECRETEES RICHES EN CYSTEINE), MOLECULES D'ACIDES NUCLEIQUES CODANT CES PROTEINES ET LEURS UTILISATIONS [72] MCCARTHY, SEAN ANTHONY, US [71] MILLENNIUM BIOTHERAPEUTICS, INC., US [85] 1999-10-15 [86] 1998-04-16 (PCT/US98/07894) [87] 1998-10-22 (WO98/46755) [30] US (08/843,704) 1997-04-16 [30] US (08/842,898) 1997-04-17 [30] US (60/071,589) 1998-01-15 [30] US (09/009,802) 1998-01-20</p>
<p style="text-align: right;">[21] 2,288,030 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/52 6C07D 309/00 6C07D 313/00 6C12N 9/00 6C07D 313/04 6C07H 17/04 6C12P 17/06 6C07D 493/10 6C12N 1/21 6C12N 15/76 [25] EN [54] COMBINATORIAL POLYKETIDE LIBRARIES PRODUCED USING A MODULAR PKS GENE CLUSTER AS SCAFFOLD [54] BIBLIOTHEQUES COMBINATOIRES DE POLYKETIDES PRODUITES A L'AIDE D'UN GROUPE DE GENES MODULAIRE DE POLYKETIDE SYNTHASE EN TANT QUE SQUELETTE [72] FU, HONG, US [72] ASHLEY, GARY, US [72] KHOSLA, CHAITAN, US [72] KAO, CAMILLA M., US [72] McDANIEL, ROBERT, US [71] KOSAN BIOSCIENCES, INC., US [71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US [85] 1999-10-29 [86] 1998-04-30 (PCT/US98/08792) [87] 1998-11-05 (WO98/49315) [30] US (08/846,247) 1997-04-30 [30] US (60/076,919) 1998-03-05</p>	<p style="text-align: right;">[21] 2,288,114 [13] A1</p> <p>[51] Int.Cl. 6A63B 22/04 6A63B 69/16 [25] EN [54] STATIONARY EXERCISE APPARATUS WITH ADJUSTABLE CRANK [54] APPAREIL D'EXERCICE FIXE DOTE D'UNE BIELLE REGLABLE [72] RODGERS, ROBERT E., JR., US [71] CCS FITNESS, INC., US [85] 1999-10-26 [86] 1998-04-16 (PCT/US98/07706) [87] 1998-11-05 (WO98/48902) [30] US (08/841,123) 1997-04-29</p>	<p style="text-align: right;">[21] 2,288,457 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/04 [25] EN [54] BETAINES AS ADJUVANTS TO SUSCEPTIBILITY TESTING AND ANTIMICROBIAL THERAPY [54] UTILISATION DE BETAINES COMME ADJUVANTS D'ESSAIS DE SENSIBILITE ET D'UNE THERAPIE ANTI-MICROBIENNE [72] THORNTON, CHARLES G., US [71] INTEGRATED RESEARCH TECHNOLOGY, LLC, US [85] 1999-10-29 [86] 1998-05-01 (PCT/US98/08760) [87] 1998-11-12 (WO98/50576) [30] US (60/045,512) 1997-05-02</p>
<p style="text-align: right;">[21] 2,288,376 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/12 6A61K 48/00 6A01K 67/027 6A61K 38/17 6C07K 14/47 6C12N 15/62 6G01N 33/68 6C12Q 1/68 6A61K 31/70 [25] EN [54] SYNDECAN INTERACTING PROTEINS AND THE USE THEREOF [54] PROTEINES INTERAGISSANT AVEC SYNDECANE ET UTILISATION DE CELLES-CI [72] GROOTJANS, JAN, BE [72] DAVID, GUIDO, BE [72] ZIMMERMANN, PASCALE, BE [71] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE, BE [85] 1999-10-20 [86] 1998-04-22 (PCT/EP98/02464) [87] 1998-11-05 (WO98/49290) [30] EP (97201233.0) 1997-04-25</p>		

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[21] **2,288,600**
[13] A1
[51] **Int.Cl. 6C12N 15/13 6C12N 5/10 6C07K 16/46**
[25] EN
[54] **A METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING HETEROMULTIMERIC AND COMMON COMPONENTS**
[54] **PROCEDE DE PREPARATION D'ANTICORPS MULTISPECIFIQUES PRESENTANT DES COMPOSANTS HETEROMULTIMERES**
[72] CARTER, PAUL J., US
[72] ARATHOON, ROBERT, US
[72] PRESTA, LEONARD G., US
[72] MERCHANT, ANNE M., US
[71] GENENTECH, INC., US
[85] 1999-11-02
[86] 1998-04-30 (PCT/US98/08762)
[87] 1998-11-12 (WO98/50431)
[30] US (08/850,058) 1997-05-02
[30] US (60/050,661) 1997-06-24

[21] **2,288,601**
[13] A1
[51] **Int.Cl. 6C07H 15/04 6A61K 31/70**
[25] EN
[54] **AMINOALKYL GLUCOSAMINE PHOSPHATE COMPOUNDS AND THEIR USE AS ADJUVANTS AND IMMUNOEFFECTORS**
[54] **COMPOSES D'AMINOALKYLE GLUCOSAMINE PHOSPHATES ET LEUR UTILISATION COMME ADJUVANTS ET IMMUNOEFFECTEURS**
[72] JOHNSON, DAVID A., US
[72] SOWELL, C. GREGORY, US
[71] CORIXA CORPORATION, US
[85] 1999-11-04
[86] 1998-05-07 (PCT/US98/09385)
[87] 1998-11-12 (WO98/50399)
[30] US (853,826) 1997-05-08

[21] **2,288,603**
[13] A1
[51] **Int.Cl. 6C07H 1/00**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING POLYNUCLEOTIDE SEPARATIONS USING LIQUID CHROMATOGRAPHY**
[54] **SYSTEME ET PROCEDE PERMETTANT DE REALISER DES SEPARATIONS DE POLYNUCLEOTIDES GRACE A LA CHROMATOGRAPHIE EN PHASE LIQUIDE**
[72] HAEFELE, ROBERT M., US
[72] TOGAMI, DAVID W., US
[72] GJERDE, DOUGLAS T., US
[71] TRANSGENOMIC, INC., US
[85] 1999-11-08
[86] 1998-05-19 (PCT/US98/10122)
[87] 1998-12-17 (WO98/56797)
[30] US (60/049,123) 1997-06-10
[30] US (60/063,835) 1997-10-30
[30] US (60/078,523) 1998-03-18

[21] **2,288,604**
[13] A1
[51] **Int.Cl. 6A61K 7/38 6C01F 7/48 6C01F 7/56 6C01F 7/64 6C01F 7/66**
[25] EN
[54] **POLYHYDRIC ALCOHOL STABILIZED ANTIPERSPIRANT SALT SOLUTIONS**
[54] **SOLUTIONS SALINES ANTISUDORIFIQUES STABILISEES PAR POLYALCOOL**
[72] SHEN, YAN-FEI, US
[71] THE GILLETTE COMPANY, US
[85] 1999-11-04
[86] 1998-06-22 (PCT/US98/12953)
[87] 1998-12-30 (WO98/58626)
[30] US (881,237) 1997-06-25

[21] **2,288,606**
[13] A1
[51] **Int.Cl. 6H01J 9/395**
[25] EN
[54] **DEVICE AND METHOD FOR INTRODUCING SMALL AMOUNTS OF MERCURY INTO FLUORESCENT LAMPS**
[54] **DISPOSITIF ET PROCEDE POUR INTRODUIRE DE PETITES QUANTITES DE MERCURE DANS DES LAMPES FLUORESCENTES**
[72] GIORGI, STEFANO PAOLO, IT
[72] BORGHI, MARIO, IT
[71] SAES GETTERS S.P.A., IT
[85] 1999-11-08
[86] 1998-05-12 (PCT/IT98/00117)
[87] 1998-11-26 (WO98/53479)
[30] IT (MI97A001202) 1997-05-22

[21] **2,288,607**
[13] A1
[51] **Int.Cl. 6C08K 9/06 6C08L 21/00 6C08J 3/22**
[25] EN
[54] **PROCESS FOR HYDROPHOBICIZING PARTICLES, AND THEIR USE AS FILLERS IN POLYMER MASTERBATCHES**
[54] **PROCEDE PERMETTANT DE RENDRE DES PARTICULES HYDROPHOBES, ET UTILISATION DESDITES PARTICULES COMME CHARGES DANS DES MELANGES MAITRES DE POLYMERES**
[72] KOSKI, AHTI AUGUST, CA
[71] BAYER INC., CA
[85] 1999-11-04
[86] 1998-05-21 (PCT/CA98/00499)
[87] 1998-11-26 (WO98/53004)
[30] CA (2,205,789) 1997-05-22

[21] **2,288,608**
[13] A1
[51] **Int.Cl. 6H04M 11/06**
[25] EN
[54] **FULL FEATURED DATA ACCESS ARRANGEMENT FOR USE WITH MODEMS**
[54] **DISPOSITIF D'ACCES AU RESEAU UTILISABLE AVEC LES MODEMS ET INTEGRANT TOUTES LES FONCTIONS**
[72] LEE, JEFFREY, US
[71] CONEXANT SYSTEMS, INC., US
[85] 1999-11-08
[86] 1998-05-26 (PCT/US98/10613)
[87] 1998-12-03 (WO98/54886)
[30] US (08/864,659) 1997-05-28

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<p style="text-align: right;">[21] 2,288,609 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/32 6H04Q 7/22 [25] EN [54] CONFIGURATION OF INTELLIGENT NETWORK SERVICE [54] CONFIGURATION DE SERVICE DE RESEAU INTELLIGENT [72] WALLENIUS, JUKKA, FI [71] NOKIA NETWORKS OY, FI [85] 1999-11-10 [86] 1999-03-17 (PCT/FI99/00205) [87] 1999-09-23 (WO99/48314) [30] FI (980588) 1998-03-17</p>	<p style="text-align: right;">[21] 2,288,612 [13] A1</p> <p>[51] Int.Cl. 6C07F 7/18 [25] EN [54] N-SUBSTITUTED-OMEGA-(ALCOXYSILYL)ALKYLAMINES AND PROCESS FOR PRODUCTION THEREOF [54] OMEGA-(ALCOXYSILYL)ALKYLAMINES N-SUBSTITUEES ET LEUR PROCEDE DE PRODUCTION [72] KOSKI, AHTI AUGUST, CA [71] BAYER INC., CA [85] 1999-11-04 [86] 1998-05-21 (PCT/CA98/00500) [87] 1998-11-26 (WO98/52954) [30] CA (2,205,790) 1997-05-22</p>	<p style="text-align: right;">[21] 2,288,616 [13] A1</p> <p>[51] Int.Cl. 6C09K 15/06 6C08K 5/00 6B32B 27/18 6B65D 51/24 6B65D 81/26 6A23L 3/3436 6C07C 45/46 6C07C 49/786 [25] EN [54] PHOTOINITIATORS AND OXYGEN SCAVENGING COMPOSITIONS [54] PHOTOAMORCEURS ET COMPOSITIONS DESOXYGENANTES [72] KATSUMOTO, KIYOSHI, US [72] CHING, TA YEN, US [72] GOODRICH, JOSEPH L., US [72] SPEER, DREW VE, US [71] CHEVRON CHEMICAL COMPANY LLC, US [71] CRYOVAC, INC., US [85] 1999-11-09 [86] 1998-04-16 (PCT/US98/07734) [87] 1998-11-19 (WO98/51758) [30] US (08/857,325) 1997-05-16</p>
<p style="text-align: right;">[21] 2,288,610 [13] A1</p> <p>[51] Int.Cl. 6H01R 13/56 [25] EN [54] ENHANCED PERFORMANCE CONNECTOR [54] CONNECTEUR A PERFORMANCES AMELIOREES [72] VIKLUND, MARK, US [72] SAVI, OLINDO, US [72] ADAMS, JOSHUA, US [71] THE SIEMON COMPANY, US [85] 1999-11-10 [86] 1999-03-19 (PCT/US99/06174) [87] 1999-09-30 (WO99/49539) [30] US (09/046,396) 1998-03-23 [30] US (09/110,521) 1998-07-06</p>	<p style="text-align: right;">[21] 2,288,613 [13] A1</p> <p>[51] Int.Cl. 6G01N 33/92 6C07H 21/02 6C07H 21/04 6C12Q 1/68 [25] EN [54] LIPOSOMES CONTAINING OLIGONUCLEOTIDES [54] LIPOSOMES RENFERMANT DES OLIGONUCLEOTIDES [72] RAHMAN, AQUILUR, US [72] GOKHALE, PRAFULLA, US [72] KASID, USHA, US [72] DRITSCHILO, ANATOLY, US [71] GEORGETOWN UNIVERSITY, US [85] 1999-11-15 [86] 1998-03-19 (PCT/US98/05303) [87] 1998-10-01 (WO98/43095) [30] US (60/041,192) 1997-03-21 [30] US (08/957,327) 1997-10-24</p>	<p style="text-align: right;">[21] 2,288,617 [13] A1</p> <p>[51] Int.Cl. 6E02B 13/00 6B01D 43/00 [25] EN [54] LEACHING FIELD CONSTRUCTION [54] STRUCTURE DE CHAMP D'EPANDAGE [72] LAAK, REIN, US [71] LAAK, REIN, US [85] 1999-11-04 [86] 1998-05-19 (PCT/US98/10217) [87] 1998-11-26 (WO98/53147) [30] US (08/859,802) 1997-05-19</p>
<p style="text-align: right;">[21] 2,288,611 [13] A1</p> <p>[51] Int.Cl. 6A01M 21/00 6B05C 17/03 [25] EN [54] APPARATUS FOR THE SELECTIVE APPLICATION OF LIQUID MEDIA [54] APPAREIL D'APPLICATION SELECTIVE DE MILIEUX LIQUIDES [72] NEWSON, RICHARD JOHN, NZ [72] MOORE, REX WARREN, NZ [72] FAHEY, JOHN PHILIP, NZ [71] GREEN MANAGEMENT LIMITED, NZ [85] 1999-11-24 [86] 1997-03-24 (PCT/NZ97/00036) [87] 1998-10-01 (WO98/42187)</p>	<p style="text-align: right;">[21] 2,288,615 [13] A1</p> <p>[51] Int.Cl. 6A42B 3/14 6A42B 3/08 [25] EN [54] HELMET WITH ADJUSTABLE SAFETY STRAP [54] CASQUE A BANDE DE RETENUE AJUSTABLE [72] EGOLF, HEINZ, CH [72] TRESS, WERNER, DE [72] WIDMER, DIETER, CH [71] EGOLF, HEINZ, CH [85] 1999-11-04 [86] 1998-05-14 (PCT/CH98/00198) [87] 1998-11-19 (WO98/51176) [30] CH (1128/97) 1997-05-14 [30] CH (1773/97) 1997-07-21 [30] CH (2274/97) 1997-09-29</p>	

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,288,618 [13] A1</p> <p>[51] Int.Cl. 6A47F 10/04 6G07F 7/06 [25] EN [54] SYSTEM FOR PROMOTING THE RETURNING OF SERVICE CARTS, E.G. SHOPPING CARTS, INTENDED FOR TRANSPORTING COMMODITIES IN AN ACTIVITY CENTRE, E.G. SHOPPING CENTRES [54] SYSTEME FAVORISANT LE RETOUR DES CHARIOTS DE SERVICE, CHARIOTS DE SUPERMARCHE PAR EXEMPLE, DESTINES A TRANSPORTER DES ARTICLES DANS UN CENTRE D'ACTIVITES, CENTRE COMMERCIAL PAR EXEMPLE [72] LENANDER, AAGE, DK [71] CATENA-SYSTEMS APS, DK [85] 1999-11-09 [86] 1998-05-07 (PCT/DK98/00181) [87] 1998-11-19 (WO98/51197) [30] DK (0550/97) 1997-05-13</p>	<p style="text-align: right;">[21] 2,288,622 [13] A1</p> <p>[51] Int.Cl. 6A61K 38/47 [25] EN [54] USE OF HYALURONIDASE IN THE MANUFACTURE OF AN OPHTHALMIC PREPARATION FOR LIQUEFYING VITREOUS HUMOR IN THE TREATMENT OF EYE DISORDERS [54] UTILISATION DE L'HYALURONIDASE DANS LA FABRICATION D'UNE PREPARATION OPHTHALMIQUE DESTINEE A FLUIDIFIER L'HUMEUR VITREUSE DANS LE TRAITEMENT DE CERTAINS TROUBLES OCULAIRES [72] KARAGEOZIAN, VICKEN H., US [72] FLORES, JOSE LUIS GUTIERREZ, MX [72] KENNEY, MARIA CRISTINA, US [72] NESBURN, ANTHONY B., US [72] ARAGON, GABRIEL ARTURO CARPIO, MX [72] KARAGEOZIAN, HAMPAR L., US [71] ADVANCED CORNEAL SYSTEMS, INC., US [85] 1999-11-04 [86] 1998-05-22 (PCT/US98/10578) [87] 1998-11-26 (WO98/52602) [30] US (08/862,620) 1997-05-22</p>	<p style="text-align: right;">[21] 2,288,624 [13] A1</p> <p>[51] Int.Cl. 6G07D 7/00 [25] EN [54] INTELLIGENT CURRENCY HANDLING SYSTEM [54] SYSTEME INTELLIGENT DE MANIPULATION DES DEVICES [72] MENNIE, DOUGLAS U., US [72] MAZUR, RICHARD A., US [72] CSULITS, FRANK S., US [71] CUMMINS-ALLISON CORP., US [85] 1999-11-04 [86] 1998-04-24 (PCT/US98/08326) [87] 1998-11-12 (WO98/50892) [30] US (08/852,400) 1997-05-07 [30] US (60/075,991) 1998-02-25</p>
<p style="text-align: right;">[21] 2,288,619 [13] A1</p> <p>[51] Int.Cl. 6G01F 1/28 6G01F 15/00 [25] EN [54] DEVICE FOR PRODUCING PIPING BRANCH CONNECTIONS [54] DISPOSITIF POUR LA REALISATION D'EMBRANCHEMENTS DE TUYAU [72] BENDER, HELMUTH, DE [71] REICH KG REGEL - UND SICHERHEITSTECHNIK, DE [85] 1999-11-04 [86] 1999-03-09 (PCT/EP99/01518) [87] 1999-09-16 (WO99/46566) [30] DE (298 04 151.0) 1998-03-09</p>	<p style="text-align: right;">[21] 2,288,623 [13] A1</p> <p>[51] Int.Cl. 6C08F 6/00 6C08F 6/16 6C08F 6/24 [25] EN [54] POLYMER DEFORMULATION BY SOLVENT SOLUTION FILTRATION [54] DEFORMULATION DE POLYMERES PAR FILTRATION DE SOLUTIONS DE SOLVANTS [72] HOEHN, ANDREW F., US [71] PRS, LLC, US [85] 1999-11-09 [86] 1998-05-13 (PCT/US98/09737) [87] 1998-11-19 (WO98/51717) [30] US (08/855,388) 1997-05-13</p>	<p style="text-align: right;">[21] 2,288,625 [13] A1</p> <p>[51] Int.Cl. 6G01L 17/00 6E01F 11/00 6G01G 19/02 [25] EN [54] TYRE PRESSURE DETERMINATION [54] MESURE DE LA PRESSION DE PNEUMATIQUES [72] STOLLERY, DAVID, GB [72] JONES, BARBARA LYNN, GB [72] SMITH, PAUL, GB [71] SNAP-ON EQUIPMENT LIMITED, GB [85] 1999-11-09 [86] 1998-05-14 (PCT/GB98/01373) [87] 1998-11-19 (WO98/52008) [30] GB (9709645.7) 1997-05-14</p>
<p style="text-align: right;">[21] 2,288,620 [13] A1</p> <p>[51] Int.Cl. 6B65G 47/54 6B65G 47/84 [25] EN [54] HIGH SPEED AUTOMATED COG SORTER [54] MACHINE A TRIER A CRENEAUX AUTOMATISEE HAUTE VITESSE [72] BONNET, HENRI, US [71] UNITED PARCEL SERVICE OF AMERICA, INC., US [85] 1999-11-09 [86] 1998-06-09 (PCT/US98/11837) [87] 1998-12-23 (WO98/57875) [30] US (08/878,306) 1997-06-18</p>	<p style="text-align: right;">[21] 2,288,626 [13] A1</p> <p>[51] Int.Cl. 6H01Q 3/40 [25] EN [54] BUTLER BEAM PORT COMBINING FOR HEXAGONAL CELL COVERAGE [54] COMBINAISON DES PORTS DE FAISCEAUX BUTLER DESTINEE A UNE COUVERTURE DE CELLULE HEXAGONALE [72] JOHANNISSON, BJORN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-11-04 [86] 1998-04-29 (PCT/SE98/00794) [87] 1998-11-12 (WO98/50980) [30] SE (9701684-4) 1997-05-05</p>	

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[21] **2,288,627**
[13] A1

[51] **Int.Cl. 6A23K 1/16 6A23K 1/165 6A23K 1/18**
[25] EN
[54] **FEED COMPOSITION FOR BROILERS AND METHOD FOR BREEDING BROILERS**
[54] **COMPOSITION ALIMENTAIRE POUR POULETS ET PROCEDE D'ALIMENTATION ASSOCIE**
[72] SUGIMOTO, YASUAKI, JP
[72] AOYAMA, TOMOYA, JP
[71] IDEMITSU MATERIALS CO., LTD., JP
[85] 1999-11-09
[86] 1998-05-14 (PCT/JP98/02120)
[87] 1998-11-19 (WO98/51164)
[30] JP (9/123985) 1997-05-14

[21] **2,288,628**
[13] A1

[51] **Int.Cl. 6E02F 3/08**
[25] EN
[54] **MACHINE FOR DIGGING INTO THE LOWER LAYERS OF THE GROUND**
[54] **MACHINE POUR CREUSER DANS LES COUCHES INFERIEURES DU SOL**
[72] KOVAL, ANDREI B., UA
[72] VASILENKO, STANISLAV K., UA
[72] KUMYLGANOV, ALEXANDR S., UA
[72] KUSHNIR, EFIM A., UA
[72] BYKOV, ALEXANDR V., UA
[72] MOVCHAN, ALY A., UA
[72] YAKOVLEV, VIKTOR I., UA
[72] CHERNAEV, VALERY D., UA
[72] MUSIIKO, VLADIMIR D., UA
[72] MAMONTOV, JURY M., UA
[71] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU NAUCHNO-ISSLEDOVATELSKY I TE, UA
[71] AKTSIONERNOE OBSHESTVO OTKRYTOGO TIPA AKTSIONERNAYA KOMPANIA PO TRANSPO, RU
[85] 1999-11-04
[86] 1998-05-06 (PCT/UA98/00009)
[87] 1998-11-12 (WO98/50641)
[30] RU (97106689) 1997-05-06

[21] **2,288,629**
[13] A1

[51] **Int.Cl. 6C07C 35/17 6A61K 31/045 6C07F 7/18**
[25] EN
[54] **CYCLOHEXANEDIOL DERIVATIVES**
[54] **DERIVES CYCLOHEXANEDIOL**
[72] COURTNEY, LAWRENCE F., CH
[72] BAUER, FRANZ, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 1999-11-04
[86] 1998-05-12 (PCT/EP98/02762)
[87] 1998-11-26 (WO98/52894)
[30] EP (97108355.5) 1997-05-23

[21] **2,288,631**
[13] A1

[51] **Int.Cl. 6A61K 38/55 6A61K 9/00 6A61K 45/00 6A61K 33/06 6A61K 9/14 6A61K 31/415**
[25] EN
[54] **THE USE OF BIOLOGICALLY ACTIVE SUBSTANCES FOR INFLUENCING THE EXTRACELLULAR AREA OF SENSORY CELLS AND METHOD FOR CONTROLLING THE ADMINISTRATION OF ACTIVE SUBSTANCES AND DEVICE USED THEREIN**
[54] **UTILISATION DE PRINCIPES ACTIFS A EFFET BIOLOGIQUE POUR INFLUER SUR L'ESPACE EXTRACELLULAIRE DE CELLULES SENSORIELLES ET PROCEDE DE COMMANDE D'ADMINISTRATION DE PRINCIPE ACTIF ET DISPOSITIF APPROPRIE**
[72] ECKMILLER, MARION SANGSTER, DE
[71] ECKMILLER, MARION SANGSTER, DE
[85] 1999-11-05
[86] 1998-04-02 (PCT/EP98/01951)
[87] 1998-11-12 (WO98/50065)
[30] DE (197 18 826.5) 1997-05-05

[21] **2,288,632**
[13] A1

[51] **Int.Cl. 6F03G 7/06**
[25] EN
[54] **DEVICE FOR CONVERTING THERMAL ENERGY TO ELECTRICAL ENERGY**
[54] **DISPOSITIF POUR CONVERTIR DE L'ENERGIE THERMIQUE EN ENERGIE ELECTRIQUE**
[72] STOCK, GERHARD, DE
[71] STOCK, GERHARD, DE
[85] 1999-11-05
[86] 1998-04-30 (PCT/DE98/01203)
[87] 1998-11-12 (WO98/50697)
[30] DE (197 19 190.8) 1997-05-08

[21] **2,288,634**
[13] A1

[51] **Int.Cl. 6G07F 9/08 6G07F 17/32**
[25] EN
[54] **COLLECTION SYSTEM FOR MULTIPLE MONEY-ACTUATED MACHINES**
[54] **SYSTEME COLLECTEUR POUR DE MULTIPLES MACHINES ACTIONNEES PAR L'INTRODUCTION D'ARGENT**
[72] WALSH, MICHAEL, US
[72] WOOD, WILLIAM, US
[72] SORIANI, SALVATORE, US
[72] BLASZCZEC, MIROSLAW, US
[71] GLOBAL PAYMENT TECHNOLOGIES, INC., US
[85] 1999-11-05
[86] 1997-05-09 (PCT/US97/08157)
[87] 1998-11-19 (WO98/52165)

[21] **2,288,635**
[13] A1

[51] **Int.Cl. 6H01Q 3/40 6H01Q 25/04**
[25] EN
[54] **RADIO ANTENNA SYSTEM**
[54] **SYSTEME D'ANTENNE RADIO**
[72] DERNERYD, SVEN ANDERS GOSTA, SE
[72] PETERSSON, SVEN OSCAR, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-11-05
[86] 1998-05-05 (PCT/SE98/00827)
[87] 1998-11-12 (WO98/50981)
[30] SE (9701722-2) 1997-05-07

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[21] **2,288,636**
[13] A1

[51] **Int.Cl. 6B44C 1/17 6B41M 7/00 6B44C 1/10**
[25] EN
[54] **DECORATIVE SHEET AND PROCESS FOR PRODUCING THE SAME**
[54] **FEUILLE DECORATIVE ET SON PROCEDE DE FABRICATION**
[72] MORI, YUTAKA, JP
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1999-11-05
[86] 1998-05-21 (PCT/US98/10515)
[87] 1998-12-03 (WO98/54004)
[30] JP (9/142292) 1997-05-30

[21] **2,288,637**
[13] A1

[51] **Int.Cl. 6C07D 333/24 6A61K 31/38**
[25] EN
[54] **NEW INTERMEDIATES AND PROCESS FOR THE PREPARATION THEREOF**
[54] **NOUVEAUX PRODUITS INTERMEDIAIRES ET PROCEDE DE PREPARATION DE CES DERNIERS**
[72] BAKONYI, MARIA, HU
[72] CASTRO, BERTRAND, FR
[72] CSATARINÉ NAGY, MARIANNA, HU
[72] HEYMES, ALAIN, FR
[72] MOLNAR, LEVENTÉNÉ, HU
[71] SANOFI-SYNTHELABO, FR
[85] 1999-11-05
[86] 1998-05-11 (PCT/HU98/00046)
[87] 1998-11-19 (WO98/51682)
[30] HU (P 97 00886) 1997-05-13

[21] **2,288,638**
[13] A1

[51] **Int.Cl. 6H04M 3/38**
[25] EN
[54] **SYSTEM AND PROCESS FOR AUTOMATIC STORAGE, ENFORCEMENT AND OVERRIDE OF CONSUMER DO-NOT-CALL REQUESTS**
[54] **SYSTEME ET PROCEDE DE STOCKAGE, D'EXECUTION, ET D'ANNULATION AUTOMATIQUES DE DEMANDES CLIENTS "NE PAS APPELER"**
[72] FOTTA, KEITH A., US
[71] TELEMARK TECHNOLOGY, INC., US
[85] 1999-11-05
[86] 1998-05-08 (PCT/US98/09458)
[87] 1998-11-12 (WO98/51062)
[30] US (08/853,563) 1997-05-08

[21] **2,288,639**
[13] A1

[51] **Int.Cl. 6A61K 31/70**
[25] EN
[54] **APLIDINE AS AN L-TYPE CALCIUM CHANNEL ENHANCER**
[54] **APLIDINE EN TANT QU'AGENT FAVORISANT LE CANAL A CALCIUM DE TYPE L**
[72] CRUMB, WILLIAM J, US
[72] FAIRCLOTH, GLYNN T., US
[71] PHARMA MAR, S.A., ES
[71] CRUMB, WILLIAM J, US
[85] 1999-11-05
[86] 1998-05-06 (PCT/US98/09238)
[87] 1998-11-12 (WO98/50048)
[30] US (60/045,803) 1997-05-07

[21] **2,288,640**
[13] A1

[51] **Int.Cl. 6C12N 9/00**
[25] EN
[54] **ENZYMATIC NUCLEIC ACIDS: SYNTHESIS, SELECTION AND USE**
[54] **TRAITEMENT A L'ACIDE NUCLEIQUE ENZYMATIQUE DE MALADIES ET ETATS PATHOLOGIQUES ASSOCIES AUX NIVEAUX D'EXPRESSION DE C-RAF**
[72] THOMPSON, JAMES, US
[72] KISICH, KEVIN, US
[72] SWEEDLER, DAVID, US
[72] KARPEISKY, ALEXANDER, US
[72] BURGIN, ALEX, US
[72] JARVIS, THALE, US
[72] BEAUDRY, AMBER, US
[72] REYNOLDS, MARK, US
[72] WORKMAN, CHRISTOPHER T., US
[72] PARRY, TOM, US
[72] MCSWIGGEN, JAMES A., US
[72] BELLON, LAURENT, FR
[72] BEIGELMAN, LEONID, US
[72] MATULIC-ADAMIC, JASENKA, US
[71] RIBOZYME PHARMACEUTICALS, INC., US
[85] 1999-11-05
[86] 1998-05-05 (PCT/US98/09249)
[87] 1998-11-12 (WO98/50530)
[30] US (60/046,059) 1997-05-09
[30] US (60/049,002) 1997-06-09
[30] US (60/051,718) 1997-07-03
[30] US (60/056,808) 1997-08-22
[30] US (60/061,324) 1997-10-02
[30] US (60/061,321) 1997-10-02
[30] US (60/064,866) 1997-11-05
[30] US (60/068,212) 1997-12-19

[21] **2,288,641**
[13] A1

[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6C12N 5/10 6C12N 15/11 6C12N 15/82**
[25] EN
[54] **PLANT GENE CONSTRUCTS AND THEIR USE**
[54] **PRODUITS DE RECOMBINAISON GENIQUE DE VEGETAL ET LEURS APPLICATIONS**
[72] PROVENIERS, MARCEL, NL
[72] SMEEKENS, SJEF, NL
[72] WEISBEEK, PETER, NL
[71] ADVANTA SEEDS B.V., NL
[85] 1999-11-05
[86] 1998-05-14 (PCT/IB98/00821)
[87] 1998-11-19 (WO98/51800)
[30] GB (9709789.3) 1997-05-14
[30] GB (9727458.3) 1997-12-30

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<p style="text-align: right;">[21] 2,288,642 [13] A1</p> <p>[51] Int.Cl. 6C02F 3/30 [25] EN [54] METHOD AND APPARATUS FOR BIOLOGICAL REMOVAL OF NITROGEN COMPOUNDS FROM WATER [54] PROCEDE ET APPAREIL D'EXTRACTION BIOLOGIQUE DE COMPOSES AZOTES DE L'EAU [72] MACKRLE, SVATOPLUK, CZ [72] MACKRLE, VLADIMIR, SK [71] MACKRLE, SVATOPLUK, CZ [71] MACKRLE, VLADIMIR, SK [85] 1999-11-05 [86] 1998-05-13 (PCT/CZ98/00023) [87] 1998-11-19 (WO98/51626) [30] CZ (PV 1479-97) 1997-05-14</p>	<p style="text-align: right;">[21] 2,288,645 [13] A1</p> <p>[51] Int.Cl. 6C10L 3/10 [25] EN [54] METHOD FOR REMOVING HYDROGEN SULFIDE FROM NATURAL GAS [54] PROCEDE POUR ENLEVER DU GAZ NATUREL LE SULFURE D'HYDROGENE [72] PHINNEY, ROBIN, CA [71] AIRBORNE INDUSTRIAL MINERALS INC., CA [85] 1999-11-04 [86] 1999-06-08 (PCT/CA99/00527) [87] 1999-12-08 () [30] US (60/088,436) 1998-06-08</p>	<p style="text-align: right;">[21] 2,288,648 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/24 [25] EN [54] METHOD AND APPARATUS FOR ROAMER PORT HLR BARRING [54] PROCEDE ET APPAREIL PERMETTANT D'INTERDIRE L'ACCES HORS SECTEUR LOCAL A LA MEMOIRE DES POSITIONS DES UTILISATEURS PERMANENTS [72] VASA, YOJAK, US [72] TALAGERY, GAUTAM, US [71] ERICSSON INC., US [85] 1999-11-09 [86] 1998-05-13 (PCT/US98/09604) [87] 1998-11-19 (WO98/52370) [30] US (08/856,424) 1997-05-14</p>
<p style="text-align: right;">[21] 2,288,643 [13] A1</p> <p>[51] Int.Cl. 6H02K 16/02 6H02P 7/74 [25] EN [54] A MOTOR [54] MOTEUR [72] PHILLIPS, NEIL WILLIAM, GB [71] NOTETRY LIMITED, GB [85] 1999-11-05 [86] 1998-05-06 (PCT/GB98/01304) [87] 1998-11-12 (WO98/50998) [30] GB (9709179.7) 1997-05-06</p>	<p style="text-align: right;">[21] 2,288,646 [13] A1</p> <p>[51] Int.Cl. 6G08B 21/00 [25] EN [54] MOISTURE DETECTING DEVICES SUCH AS FOR DIAPERS AND DIAPERS HAVING SUCH DEVICES [54] DISPOSITIFS DE DETECTION D'HUMIDITE, PAR EXEMPLE POUR COUCHES, ET COUCHES [54] COMPORTANT LESDITS DISPOSITIFS [72] NISSIM, OFER, US [72] ELLINGHAM, DONALD B., US [72] JANSZEN, DAVID, US [71] KNOX SECURITY ENGINEERING CORPORATION, US [85] 1999-11-05 [86] 1997-05-06 (PCT/US97/08405) [87] 1997-11-13 (WO97/42613) [30] US (08/646,453) 1996-05-07 [30] US (08/665,199) 1996-06-14 [30] US (08/663,686) 1996-08-14 [30] US (08/700,011) 1996-08-20 [30] US (08/773,343) 1996-12-26</p>	<p style="text-align: right;">[21] 2,288,649 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/19 6A61K 47/12 6A61K 47/18 [25] EN [54] STABLE PHARMACEUTICAL ADMINISTRATION FORMS OF PEPTIDES, PROTEINS AND NUCLEIC ACIDS [54] FORMES DE PREPARATIONS PHARMACEUTIQUES STABLES POUR PEPTIDES, PROTEINES ET ACIDES NUCLEIQUES [72] RODEL, WOLFGANG, DE [72] WINTER, GERHARD, DE [72] MATTERN, MARKUS, DE [71] ROCHE DIAGNOSTICS GMBH, DE [85] 1999-10-15 [86] 1998-04-11 (PCT/EP98/02131) [87] 1998-10-29 (WO98/47490) [30] DE (197 16 154.5) 1997-04-18</p>
<p style="text-align: right;">[21] 2,288,644 [13] A1</p> <p>[51] Int.Cl. 6C09D 163/00 [25] EN [54] WATERBORNE COATING COMPOSITIONS FOR METAL CONTAINERS [54] COMPOSITIONS DE REVETEMENT A BASE AQUEUSE POUR RECIPIENTS METALLIQUES [72] LEIBELT, ULRICH, FR [72] BOHLER, PAUL, CH [71] THE VALSPAR CORPORATION, US [85] 1999-11-05 [86] 1998-04-06 (PCT/US98/06824) [87] 1998-11-12 (WO98/50477) [30] US (08/853,782) 1997-05-09</p>	<p style="text-align: right;">[21] 2,288,647 [13] A1</p> <p>[51] Int.Cl. 6C07B 63/00 [25] EN [54] PROCESS FOR THE REMOVAL OF HEAVY METALS [54] PROCEDE DESTINE A ENLEVER DES METAUX LOURDS [72] ALLEGRINI, PIETRO, IT [72] ROSI, ALESSANDRO, IT [72] VILLA, MARCO, IT [72] CANNATA, VINCENZO, IT [71] ZAMBON GROUP S.P.A., IT [85] 1999-11-03 [86] 1998-05-04 (PCT/EP98/02628) [87] 1998-11-19 (WO98/51646) [30] IT (MI97A001108) 1997-05-13</p>	

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<p style="text-align: right;">[21] 2,288,650 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/505 6A61K 45/00 6A61K 31/55 [25] EN [54] A METHOD FOR THE TREATMENT OF MENTAL ILLNESS IN MAMMALS AND A COMPOSITION THEREFOR [54] PROCEDE DE TRAITEMENT DE MALADIE MENTALE CHEZ LES MAMMIFERES ET COMPOSITION A CET EFFET [72] HAAPALINNA, ANTTI, FI [72] SALLINEN, JUKKA, FI [72] SAVOLA, JUHA-MATTI, FI [72] VIITAMAA, TIMO, FI [72] SCHEININ, MIKA, FI [71] HAAPALINNA, ANTTI, FI [71] SALLINEN, JUKKA, FI [71] SAVOLA, JUHA-MATTI, FI [71] VIITAMAA, TIMO, FI [71] SCHEININ, MIKA, FI [85] 1999-11-05 [86] 1998-05-11 (PCT/FI98/00398) [87] 1998-11-19 (WO98/51310) [30] US (08/854,730) 1997-05-12</p>	<p style="text-align: right;">[21] 2,288,653 [13] A1</p> <p>[51] Int.Cl. 6A61H 3/00 [25] EN [54] APPARATUS ENABLING DISABLED PERSONS TO WALK [54] APPAREIL DE MARCHE POUR PERSONNES HANDICAPEES [72] SZYMCZAK, BOGDAN, PL [72] OLEDZKI, ANDRZEJ, PL [71] POLITECHNIKA WARSZAWSKA, PL [85] 1999-11-05 [86] 1998-04-30 (PCT/PL98/00019) [87] 1998-11-12 (WO98/49991) [30] PL (P.319821) 1997-05-06</p>	<p style="text-align: right;">[21] 2,288,656 [13] A1</p> <p>[51] Int.Cl. 6C10B 33/00 [25] EN [54] FLUID JET DECOKING TOOL [54] APPAREIL DE DECOKAGE A JET DE FLUIDE [72] PURTON, ROBERT M., US [72] TRAN, RICHARD, US [71] INGERSOLL-DRESSER PUMP COMPANY, US [85] 1999-10-15 [86] 1998-04-09 (PCT/IB98/00539) [87] 1998-10-22 (WO98/46698) [30] US (08/842,860) 1997-04-17</p>
<p style="text-align: right;">[21] 2,288,651 [13] A1</p> <p>[51] Int.Cl. 6G01M 3/18 6G01M 3/32 [25] EN [54] LEAK TEST INSTALLATION FOR RECEPTACLES [54] INSTALLATION DE CONTROLE D'ETANCHEITE DE RECIPIENTS [72] LEHMANN, MARTIN, CH [71] LEHMANN, MARTIN, CH [85] 1999-11-03 [86] 1998-05-05 (PCT/CH98/00182) [87] 1998-11-12 (WO98/50770) [30] EP (97107520.5) 1997-05-07</p>	<p style="text-align: right;">[21] 2,288,654 [13] A1</p> <p>[51] Int.Cl. 6C21B 13/14 [25] EN [54] PROCESS FOR PRODUCING LIQUID PIG IRON OR LIQUID METALLURGICAL PREPARATIONS [54] PROCEDE DE PRODUCTION DE FONTE BRUTE OU DE PREPARATIONS METALLURGIQUES LIQUIDES [72] SCHREY, GUNTER, AT [72] GRUNBACHER, HERBERT, AT [71] DEUTSCHE VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, DE [85] 1999-10-15 [86] 1998-04-09 (PCT/EP98/02086) [87] 1998-10-22 (WO98/46800) [30] AT (A 659/97) 1997-04-16</p>	<p style="text-align: right;">[21] 2,288,657 [13] A1</p> <p>[51] Int.Cl. 6G01M 3/18 6G01M 3/32 [25] EN [54] LEAK TEST FOR CLOSED RECEPTACLES, TESTING CHAMBER, TESTING DEVICE AND INSTALLATION THEREFOR [54] PROCEDE DE CONTROLE D'ETANCHEITE DE RECIPIENTS FERMES, AINSI QUE CHAMBRE DE CONTROLE, DISPOSITIF ET INSTALLATION DE CONTROLE Y RELATIF [72] LEHMANN, MARTIN, CH [71] LEHMANN, MARTIN, CH [85] 1999-11-03 [86] 1998-05-05 (PCT/CH98/00181) [87] 1998-11-12 (WO98/50769) [30] EP (97107528.8) 1997-05-07</p>
<p style="text-align: right;">[21] 2,288,652 [13] A1</p> <p>[51] Int.Cl. 6E06B 9/86 6E06B 9/58 [25] EN [54] SECURITY DOOR WITH SLIDING PANEL [54] PORTE DE SECURITE A PANNEAU COULISSANT [72] KRAEUTLER, BERNARD, FR [71] NERGECO, FR [85] 1999-10-15 [86] 1998-04-14 (PCT/FR98/00749) [87] 1998-10-22 (WO98/46852) [30] FR (97/04667) 1997-04-16 [30] FR (97/04668) 1997-04-16</p>	<p style="text-align: right;">[21] 2,288,655 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/22 [25] EN [54] A COMMUNICATION SYSTEM THAT COMMUNICATES POSITION INFORMATION OF ROAMING MOBILE STATIONS [54] SYSTEME DE COMMUNICATION COMMUNIQUEANT DES INFORMATIONS DE POSITION DE STATIONS MOBILES ITINERANTES [72] LUNDIN, MAGNUS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-11-05 [86] 1998-04-24 (PCT/SE98/00752) [87] 1998-11-12 (WO98/51104) [30] US (08/852,032) 1997-05-06</p>	

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<p style="text-align: right;">[21] 2,288,658 [13] A1</p> <p>[51] Int.Cl. 6C25D 3/66 6C25D 5/18 [25] EN [54] A METHOD FOR ELECTROPLATING WITH A REFRACTORY METAL [54] PROCEDE D'ELECTRODEPOSITION PARMETAL REFRACTAIRE [72] POLIAKOVA, LARISSA PETROVNA, RU [72] MASLOV, VALERI PETROVICH, RU [72] KOVALEVSKI, VLADIMIR PAVLOVICH, RU [72] POLIAKOV, EVGUENI GEORGICVICH, RU [71] INSTITUTE OF CHEMISTRY AND TECHNOLOGY OF RARE ELEMENTS AND MINERAL RAW M, RU [85] 1999-10-15 [86] 1997-09-02 (PCT/IB97/01046) [87] 1998-10-22 (WO98/46809) [30] RU (9706309) 1997-04-17</p>	<p style="text-align: right;">[21] 2,288,660 [13] A1</p> <p>[51] Int.Cl. 6G01R 21/02 6G01R 22/04 [25] EN [54] APPARATUS FOR THE MEASUREMENT OF MICROWAVE RADIATION [54] APPAREIL DE MESURE DU RAYONNEMENT HYPERFREQUENCES [72] BUDD, CHRISTOPHER, GB [72] CHESTERFIELD, STEWART ROBERT, GB [71] MATRA BAE DYNAMICS (UK) LIMITED, GB [85] 1999-11-04 [86] 1998-05-08 (PCT/GB98/01326) [87] 1998-11-19 (WO98/52056) [30] GB (9709306.6) 1997-05-09</p>	<p style="text-align: right;">[21] 2,288,662 [13] A1</p> <p>[51] Int.Cl. 6C07D 209/08 6C07D 401/12 6C07D 403/12 6C07D 413/12 6C07D 417/12 6A61K 31/40 [25] EN [54] INDOLE DERIVATIVES HAVING COMBINED 5HT1A, 5HT1B AND 5HT1D RECEPTOR ANTAGONIST ACTIVITY [54] DERIVES INDOLIQUES A ACTIVITE DE RECEPTEUR ANTAGONISTE 5HT1A, 5HT1B, 5HT1D [72] WYMAN, PAUL ADRIAN, GB [72] GASTER, LARAMIE MARY, GB [72] RAMI, HARSHAD KANTILAL, GB [71] SMITHKLINE BEECHAM P.L.C., GB [85] 1999-10-15 [86] 1998-04-14 (PCT/EP98/02262) [87] 1998-11-12 (WO98/50358) [30] GB (9707829.9) 1997-04-18 [30] GB (9801882.3) 1998-01-29</p>
<p style="text-align: right;">[21] 2,288,659 [13] A1</p> <p>[51] Int.Cl. 6A61C 3/00 [25] EN [54] LASER EXCISIONAL NEW ATTACHMENT PROCEDURE [54] TECHNIQUE DE REATTACHEMENT AVEC EXCISION AU LASER [72] GREGG, ROBERT H., US [72] MCCARTHY, DELWIN K., US [71] GREGG, ROBERT H., US [71] MCCARTHY, DELWIN K., US [85] 1999-11-03 [86] 1997-07-01 (PCT/US97/11307) [87] 1999-01-14 (WO99/01079)</p>	<p style="text-align: right;">[21] 2,288,661 [13] A1</p> <p>[51] Int.Cl. 6A61F 2/00 6C08G 81/00 6C08G 85/00 6A61F 2/28 6C08J 3/28 6C08K 3/32 6A61K 33/42 [25] EN [54] BIOERODIBLE POLYMERIC SEMI-INTERPENETRATING NETWORK ALLOYS FOR SURGICAL PLATES AND BONE CEMENTS, AND METHOD FOR MAKING SAME [54] ALLIAGES DE POLYMERES BIOERODABLES A RESEAUX SEMI-ENCHEVETRES POUVANT ETRE UTILISES DANS LA FABRICATION DE PLAQUES A USAGE CHIRURGICAL OU DE CEMENT OSSEUX, ET PROCEDE DE PRODUCTION DESDITS ALLIAGES [72] TRANTOLO, DEBRA J., US [72] GRESSER, JOSEPH D., US [72] HSU, Y. Y., US [72] WISE, DONALD L., US [71] CAMBRIDGE SCIENTIFIC, INC., US [85] 1999-10-15 [86] 1998-04-16 (PCT/US98/07569) [87] 1998-10-29 (WO98/47445) [30] US (08/844,378) 1997-04-18</p>	<p style="text-align: right;">[21] 2,288,663 [13] A1</p> <p>[51] Int.Cl. 6H04M 17/02 [25] EN [54] PAY TELEPHONE WITH LARGE CAPACITY COIN PATH [54] TELEPHONE PUBLIC PAYANT DOTE D'UN CHEMIN DE CIRCULATION DE PIECES DE GRANDE CAPACITE [72] MCGINTY, JOSEPH R., US [71] QUADNUM TELECOMMUNICATIONS INC., US [85] 1999-10-15 [86] 1998-04-17 (PCT/US98/07958) [87] 1998-10-22 (WO98/47278) [30] US (60/043,723) 1997-04-17</p>
		<p style="text-align: right;">[21] 2,288,664 [13] A1</p> <p>[51] Int.Cl. 6C12N 13/00 6A23L 3/01 6A23L 1/025 6A23L 1/29 6A23J 3/34 [25] EN [54] ENHANCEMENT OF INDUSTRIAL ENZYMES [54] AMELIORATION D'ENZYMES INDUSTRIELLES [72] WICKING, JEFFREY BRUCE, AU [72] BEVEN, PETER WILLIAM, AU [71] PRIMARY APPLICATIONS PTY. LIMITED, AU [85] 1999-11-05 [86] 1998-05-27 (PCT/AU98/00392) [87] 1998-12-03 (WO98/54305) [30] AU (PO 7026) 1997-05-28 [30] AU (PO 0056) 1997-10-28</p>

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<p style="text-align: right;">[21] 2,288,665 [13] A1</p> <p>[51] Int.Cl. 6B65D 33/25 6A44B 19/16 [25] EN [54] SLIDE CLOSURE FOR A FLEXIBLE PACKAGE [54] FERMETURE LATERALE POUR EMBALLAGE SOUPLE [72] MAY, TIMOTHY J., US [71] REYNOLDS CONSUMER PRODUCTS, INC., US [85] 1999-10-19 [86] 1997-12-05 (PCT/US97/22130) [87] 1998-10-29 (WO98/47781) [30] US (08/842,280) 1997-04-23</p>	<p style="text-align: right;">[21] 2,288,668 [13] A1</p> <p>[51] Int.Cl. 6A47B 88/00 [25] EN [54] DRAWER SLIDE UNDERMOUNT BRACKET WITH FLEXIBLE LOCKING TAB [54] TASSEAU POUR GLISSIERE DE TIROIR, DOTE D'UNE PATTE DE BLOCAGE SOUPLE [72] SINGH, ATMA KAINTH, US [71] ACCURIDE INTERNATIONAL, INC., US [85] 1999-10-21 [86] 1998-04-22 (PCT/US98/08227) [87] 1998-10-29 (WO98/47410) [30] US (08/842,011) 1997-04-23</p>	<p style="text-align: right;">[21] 2,288,671 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/36 [25] EN [54] GOLD-PLATED ELECTROSURGICAL INSTRUMENT [54] INSTRUMENT D'ELECTROCHIRURGIE PLAQUE D'OR [72] URUETA, R. WILFRIDO, US [71] URUETA, R. WILFRIDO, US [85] 1999-11-05 [86] 1997-06-27 (PCT/US97/11342) [87] 1998-11-12 (WO98/49954) [30] US (08/851,134) 1997-05-05</p>
<p style="text-align: right;">[21] 2,288,666 [13] A1</p> <p>[51] Int.Cl. 6C23C 22/00 6B32B 15/04 6C23C 22/08 6B05D 7/14 6C23C 22/23 [25] EN [54] SURFACE-TREATED METAL PLATE AND METAL SURFACE TREATING FLUID [54] TOLE ENDUITE ET FLUIDE DE TRAITEMENT DE SURFACE POUR METAUX [72] SAKASHITA, MASAO, JP [72] SHOJI, HIROMASA, JP [72] TADOKORO, KENICHIRO, JP [71] NIPPON STEEL CORPORATION, JP [85] 1999-10-19 [86] 1998-04-24 (PCT/JP98/01915) [87] 1998-10-29 (WO98/48075) [30] JP (9-106518) 1997-04-24</p>	<p style="text-align: right;">[21] 2,288,669 [13] A1</p> <p>[51] Int.Cl. 6F01M 1/00 [25] EN [54] OIL PAN DRAIN PORT ADAPTER SYSTEM FOR ENGINE FLUSHING APPARATUS [54] SYSTEME DE RACCORD POUR LUMIERE DE VIDANGE DE CARTER DESTINE A UN APPAREIL DE RINCAGE DE MOTEUR [72] SEPLOW, SEYMOUR, US [72] RENWICK, MARTIN, US [72] GRIGORIAN, VICTOR A., US [71] ENVIROOLUTION, INC., US [85] 1999-10-21 [86] 1998-05-12 (PCT/US98/09624) [87] 1998-11-19 (WO98/51907) [30] US (08/854,993) 1997-05-13</p>	<p style="text-align: right;">[21] 2,288,673 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/21 [25] EN [54] ELLIPSOMETER WITH TWO LASERS [54] ELLIPSOMETRE EQUIPE DE DEUX LASERS [72] KOOPS, KARL RICHARD, NL [72] HEMMES, KLAAS, NL [71] TECHNISCHE UNIVERSITEIT DELFT, NL [85] 1999-11-09 [86] 1998-05-08 (PCT/NL98/00258) [87] 1998-11-19 (WO98/52019) [30] NL (1006016) 1997-05-09</p>
<p style="text-align: right;">[21] 2,288,667 [13] A1</p> <p>[51] Int.Cl. 6G06F 1/32 6G06F 3/033 [25] EN [54] ADAPTIVE SAMPLING OF TOUCH SCREEN INPUT [54] ECHANTILLONNAGE ADAPTATIF D'UNE ENTREE PAR ECRAN TACTILE [72] MOON, BILLY GAYLE, US [72] MORRIS, JOSEPH NORMAN, US [72] MILLER, BRIAN DAVID, US [71] ERICSSON INC., US [85] 1999-11-09 [86] 1998-05-15 (PCT/US98/09983) [87] 1998-11-26 (WO98/53389) [30] US (08/861,799) 1997-05-22</p>	<p style="text-align: right;">[21] 2,288,670 [13] A1</p> <p>[51] Int.Cl. 6F16L 58/10 6F16L 55/165 [25] EN [54] METHOD OF LINING PIPES [54] PROCEDE PERMETTANT DE GARNIR DES TUYAUX [72] BURLEY, COLIN, GB [72] WRIGHT, NIGEL, GB [71] BURLEY, COLIN, GB [71] ADVANCED ENGINEERING SOLUTIONS LIMITED, GB [85] 1999-10-21 [86] 1998-04-29 (PCT/GB98/01255) [87] 1998-11-12 (WO98/50725) [30] GB (9709027.8) 1997-05-03 [30] GB (9725432.0) 1997-12-02</p>	<p style="text-align: right;">[21] 2,288,674 [13] A1</p> <p>[51] Int.Cl. 6B23B 51/00 [25] EN [54] A CUTTING TOOL ASSEMBLY AND A REPLACEABLE CUTTING HEAD FOR USE THEREIN [54] OUTIL DE COUPE COMBINE ET TETE DE COUPE REMPLACABLE ASSOCIEE [72] HECHT, GIL, IL [71] ISCAR LTD., IL [85] 1999-11-05 [86] 1998-05-25 (PCT/IL98/00236) [87] 1998-12-03 (WO98/53943) [30] IL (120948) 1997-05-29</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,288,676 [13] A1</p> <p>[51] Int.Cl. 6F22B 29/06 [25] EN [54] CONTINUOUS STEAM GENERATOR [54] GENERATEUR DE VAPEUR CONTINU [72] WITTCROW, EBERHARD, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 1999-11-05 [86] 1998-04-27 (PCT/DE98/01167) [87] 1998-11-19 (WO98/51964) [30] DE (197 19 724.8) 1997-05-09</p>	<p style="text-align: right;">[21] 2,288,679 [13] A1</p> <p>[51] Int.Cl. 6C12N 5/06 6C12N 7/02 [25] EN [54] PROCESS FOR THE PRODUCTION OF VIRUS IN CELL CULTURES [54] PROCEDE DE PRODUCTION DE VIRUS DANS DES CULTURES CELLULAIRES [72] GALLER, RICARDO, BR [72] MANN, GEORGE FOBES, BR [72] YAMAMURA, ANNA MAYA YOSHIDA, BR [72] DA SILVA FREIRE, MARCOS, BR [71] FUNDAÇÃO OSWALDO CRUZ - FIOCRUZ, BR [85] 1999-11-09 [86] 1999-03-17 (PCT/BR99/00014) [87] 1999-09-23 (WO99/47645) [30] BR (PI 9804283-1) 1998-03-18</p>	<p style="text-align: right;">[21] 2,288,682 [13] A1</p> <p>[51] Int.Cl. 6H04B 7/216 6H04B 7/005 [25] EN [54] DEVICE AND METHOD FOR CONTROLLING POWERS OF ORTHOGONAL CHANNEL AND QUASI-ORTHOGONAL CHANNEL IN CDMA COMMUNICATION SYSTEM [54] DISPOSITIF ET PROCEDE DE COMMANDE DE PUISSANCES D'UN CANAL ORTHOGONAL ET D'UN CANAL QUASI-ORTHOGONAL DANS UN SYSTEME DE TELECOMMUNICATIONS AMDC [72] YEOM, JAE HEUNG, KR [72] AHN, JAE MIN, KR [72] YOON, SOON YOUNG, KR [72] MOON, HI CHAN, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 1999-11-03 [86] 1999-03-26 (PCT/KR99/00140) [87] 1999-09-30 (WO99/49596) [30] KR (1998/10616) 1998-03-26 [30] KR (1998/10838) 1998-03-27</p>
<p style="text-align: right;">[21] 2,288,677 [13] A1</p> <p>[51] Int.Cl. 6A61K 7/035 6A61K 7/48 [25] EN [54] NOVEL POWDER COMPOSITIONS [54] NOUVELLES COMPOSITIONS PULVERULENTES [72] KEELER, TRACY N., US [72] LAHANAS, KONSTANTINOS M., US [72] TOMA, DANIELA, US [71] COLOR ACCESS, INC., US [85] 1999-11-05 [86] 1999-03-09 (PCT/US99/05104) [87] 1999-09-16 (WO99/45895) [30] US (09/036,734) 1998-03-09</p>	<p style="text-align: right;">[21] 2,288,681 [13] A1</p> <p>[51] Int.Cl. 6F01M 1/00 6F01M 11/00 [25] EN [54] MULTIPLE-POSITION, OPERATOR-CARRIED, FOUR-STROKE ENGINE [54] MOTEUR A QUATRE-TEMPS MULTIPosition PORTE PAR L'UTILISATEUR [72] IMGAWA, YOICHI, US [72] SHELDON, JOHN, US [72] RICHARD, HARRY GENE, US [72] KAWAMOTO, SHIRO, US [71] RYOBI NORTH AMERICA, INC., US [85] 1999-11-05 [86] 1999-03-05 (PCT/US99/04826) [87] 1999-09-10 (WO99/45243) [30] US (035,552) 1998-03-05</p>	<p style="text-align: right;">[21] 2,288,683 [13] A1</p> <p>[51] Int.Cl. 6G01N 29/10 6B60B 1/08 6G01V 1/44 [25] EN [54] APPARATUS, SYSTEM AND METHOD FOR PROCESSING ACOUSTIC SIGNALS TO IMAGE BEHIND REFLECTIVE LAYERS [54] APPAREIL, SYSTEME ET PROCEDE DE TRAITEMENT DE SIGNAUX ACOUSTIQUES PERMETTANT DE FORMER DES IMAGES DE REGIONS SITUÉES A L'ARRIERE DE COUCHES REFLECHISSANTES [72] MANDAL, BATAKRISHNA, US [72] BIRCHAK, JAMES R., US [72] RITTER, THOMAS E., US [72] MASINO, JAMES E., US [72] MINEAR, JOHN W., US [71] GAS RESEARCH INSTITUTE, US [85] 1999-11-09 [86] 1998-05-14 (PCT/US98/10002) [87] 1998-11-19 (WO98/52033) [30] US (856,112) 1997-05-14 [30] US (856,113) 1997-05-14 [30] US (856,114) 1997-05-14 [30] US (856,115) 1997-05-14</p>
<p style="text-align: right;">[21] 2,288,678 [13] A1</p> <p>[51] Int.Cl. 6H01M 8/10 6C25B 9/00 6C25D 5/56 6H01M 4/88 [25] EN [54] PRODUCTION OF ELECTROLYTE UNITS BY ELECTROLYTIC DEPOSITION OF A CATALYST [54] PRODUCTION D'ELECTRODE DE DIFFUSION GAZEUSE PAR DEPOT ELECTROLYTIQUE DU CATALYSEUR [72] OETJEN, HANS-FRIEDRICH, DE [72] DIVISEK, JIRI, DE [72] SCHMIDT, VOLKMAR MANFRED, DE [71] FORSCHUNGSZENTRUM JULICH GMBH, DE [85] 1999-11-08 [86] 1998-05-08 (PCT/DE98/01302) [87] 1998-11-26 (WO98/53515) [30] DE (197 20 688.3) 1997-05-16</p>	<p style="text-align: right;">[21] 2,288,678 [13] A1</p> <p>[51] Int.Cl. 6G01N 29/10 6B60B 1/08 6G01V 1/44 [25] EN [54] APPARATUS, SYSTEM AND METHOD FOR PROCESSING ACOUSTIC SIGNALS TO IMAGE BEHIND REFLECTIVE LAYERS [54] APPAREIL, SYSTEME ET PROCEDE DE TRAITEMENT DE SIGNAUX ACOUSTIQUES PERMETTANT DE FORMER DES IMAGES DE REGIONS SITUÉES A L'ARRIERE DE COUCHES REFLECHISSANTES [72] MANDAL, BATAKRISHNA, US [72] BIRCHAK, JAMES R., US [72] RITTER, THOMAS E., US [72] MASINO, JAMES E., US [72] MINEAR, JOHN W., US [71] GAS RESEARCH INSTITUTE, US [85] 1999-11-09 [86] 1998-05-14 (PCT/US98/10002) [87] 1998-11-19 (WO98/52033) [30] US (856,112) 1997-05-14 [30] US (856,113) 1997-05-14 [30] US (856,114) 1997-05-14 [30] US (856,115) 1997-05-14</p>	<p style="text-align: right;">[21] 2,288,683 [13] A1</p> <p>[51] Int.Cl. 6G01N 29/10 6B60B 1/08 6G01V 1/44 [25] EN [54] APPARATUS, SYSTEM AND METHOD FOR PROCESSING ACOUSTIC SIGNALS TO IMAGE BEHIND REFLECTIVE LAYERS [54] APPAREIL, SYSTEME ET PROCEDE DE TRAITEMENT DE SIGNAUX ACOUSTIQUES PERMETTANT DE FORMER DES IMAGES DE REGIONS SITUÉES A L'ARRIERE DE COUCHES REFLECHISSANTES [72] MANDAL, BATAKRISHNA, US [72] BIRCHAK, JAMES R., US [72] RITTER, THOMAS E., US [72] MASINO, JAMES E., US [72] MINEAR, JOHN W., US [71] GAS RESEARCH INSTITUTE, US [85] 1999-11-09 [86] 1998-05-14 (PCT/US98/10002) [87] 1998-11-19 (WO98/52033) [30] US (856,112) 1997-05-14 [30] US (856,113) 1997-05-14 [30] US (856,114) 1997-05-14 [30] US (856,115) 1997-05-14</p>

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<p style="text-align: right;">[21] 2,288,685 [13] A1</p> <p>[51] Int.Cl. 6F16C 23/04 [25] EN [54] SELF-ALIGNING BEARING STRUCTURE [54] STRUCTURE PORTANTE A AUTO-ALIGNEMENT [72] LYON, GREGORY S., US [71] THOMSON INDUSTRIES, INC., US [85] 1999-11-03 [86] 1998-05-15 (PCT/US98/09986) [87] 1998-11-19 (WO98/51936) [30] US (08/857,575) 1997-05-16</p>	<p style="text-align: right;">[21] 2,288,687 [13] A1</p> <p>[51] Int.Cl. 6C09J 201/02 6D21H 27/32 [25] EN [54] PIGMENTED ADHESIVE COMPOSITION FOR LAMINATING TISSUE PAPER PRODUCTS AND METHODS FOR PRODUCING SUCH COMPOSITIONS [54] COMPOSITION ADHESIVE PIGMENTEE POUR CONTRECOLLER DES PRODUITS EN PAPIER DE SOIE ET PROCEDES POUR PRODUIRE DE TELLES COMPOSITIONS [72] NUNES, RAUL VICTORINO, US [72] EVERS-SMITH, LINDA, US [72] BOATMAN, DONN NATHAN, US [72] KRAUS, CHRISTOPHER SCOTT, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 1999-11-09 [86] 1998-05-08 (PCT/US98/09149) [87] 1998-11-12 (WO98/50482) [30] US (60/046,118) 1997-05-09 [30] US (09/065,916) 1998-04-24</p>	<p style="text-align: right;">[21] 2,288,689 [13] A1</p> <p>[51] Int.Cl. 6A61F 13/15 [25] EN [54] RETICULATED ABSORBENT COMPOSITE [54] COMPOSITE ABSORBANT RETICULE [72] HOWARD, FRED B., US [72] GRAEF, PETER A., US [71] WEYERHAEUSER COMPANY, US [85] 1999-11-03 [86] 1998-05-12 (PCT/US98/09682) [87] 1998-11-19 (WO98/51251) [30] US (60/046,395) 1997-05-13</p>
<p style="text-align: right;">[21] 2,288,686 [13] A1</p> <p>[51] Int.Cl. 6C08L 23/08 6C08J 9/04 6C08L 23/06 6C08F 210/16 6H01B 7/18 6C08J 5/18 6D01F 6/30 6H01B 3/44 6C08F 4/642 [25] EN [54] ETHYLENE COPOLYMER COMPOSITION AND USE THEREOF [54] COMPOSITION DE COPOLYMERE D'ETHYLENE ET UTILISATION DE CETTE DERNIERE [72] TAKAHASHI, MAMORU, JP [72] YOSHITSUGU, KEN, JP [72] NAKAGAWA, TAKASHI, JP [72] SUGIMURA, KENJI, JP [71] MITSUI CHEMICALS, INC., JP [85] 1999-11-09 [86] 1999-03-10 (PCT/JP99/01144) [87] 1999-09-16 (WO99/46325) [30] JP (10/58636) 1998-03-10</p>	<p style="text-align: right;">[21] 2,288,688 [13] A1</p> <p>[51] Int.Cl. 6C07C 51/235 6C07B 33/00 6C07C 51/255 6C07C 63/68 [25] EN [54] CATALYTIC OXIDATIVE PROCESS FOR PREPARING CARBOXYLIC ACIDS FROM ALCOHOLS OR ALDEHYDES [54] PROCEDE D'OXYDATION CATALYTIQUE PERMETTANT DE PREPARER DES ACIDES CARBOXYLIQUES A PARTIR D'ALCOOLS OU D'ALDEHYDES [72] BROWN, STEPHEN MARTIN, GB [72] GILES, PAUL RICHARD, GB [72] TSUKAZAKI, MASAO, JP [72] MARKO, ISTVAN ETTIENNE, BE [72] URCH, CHRISTOPHER JOHN, GB [71] ZENECA LIMITED, GB [85] 1999-11-08 [86] 1997-05-14 (PCT/GB97/01313) [87] 1998-11-19 (WO98/51654)</p>	<p style="text-align: right;">[21] 2,288,690 [13] A1</p> <p>[51] Int.Cl. 6A61K 35/28 6C12N 5/02 6C12N 5/08 [25] EN [54] OSTEOARTHRITIS CARTILAGE REGENERATION USING HUMAN MESENCHYMAL STEM CELLS [54] REGENERATION DE CARTILAGE DANS L'ARTHROSE A L'AIDE DE CELLULES SOUCHES MESENCHYMATEUSES HUMAINES [72] CAPLAN, ARNOLD I., US [72] FINK, DAVID J., US [72] MARSHAK, DANIEL R., US [72] GOLDBERG, VICTOR M., US [72] BARRY, FRANCIS P., US [72] BURNS, JAMES S., US [71] OSIRIS THERAPEUTICS, INC., US [71] CASE WESTERN RESERVE UNIVERSITY, US [85] 1999-11-08 [86] 1998-05-13 (PCT/US98/09614) [87] 1998-11-19 (WO98/51317) [30] US (60/047,002) 1997-05-13</p>
		<p style="text-align: right;">[21] 2,288,691 [13] A1</p> <p>[51] Int.Cl. 6A61M 27/00 6A61M 1/16 [25] EN [54] IMPROVED METHOD AND SYSTEM FOR REMOVING MATERIALS FROM LYMPHATIC AND OTHER FLUIDS [54] PROCEDE ET SYSTEME PERMETTANT D'EXTRAIRE DES SUBSTANCES DE LA LYMPHE ET D'AUTRES FLUIDES [72] KENSEY, KENNETH, US [71] S.L.I.M. TECH, LTD., US [85] 1999-11-01 [86] 1998-04-23 (PCT/US98/07936) [87] 1998-11-12 (WO98/50099) [30] US (08/847,262) 1997-05-01</p>

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<p style="text-align: right;">[21] 2,288,692 [13] A1</p> <p>[51] Int.Cl. 6D21J 1/08 6D21H 17/72 [25] EN [54] METHOD OF MAKING LIGNOCELLULOSIC BOARD [54] PROCEDE DE FABRICATION D'UNE PLANCHE LIGNOCELLULOSIQUE [72] SYMONS, MICHAEL WINDSOR, ZA [71] WINDSOR TECHNOLOGIES LIMITED, BH [85] 1999-11-08 [86] 1998-06-12 (PCT/GB98/01713) [87] 1998-12-17 (WO98/56991) [30] ZA (97/5200) 1997-06-12 [30] ZA (97/6291) 1997-07-16 [30] ZA (98/2638) 1998-03-30</p>	<p style="text-align: right;">[21] 2,288,695 [13] A1</p> <p>[51] Int.Cl. 6E04C 3/20 [25] EN [54] STRUCTURAL MATERIAL AND METHOD OF JOINING THE SAME [54] MATERIAU STRUCTURAL ET SON PROCEDE D'ASSEMBLAGE [72] SHIMONOHARA, TAKESHIGE, JP [71] SHIMONOHARA, TAKESHIGE, JP [85] 1999-11-09 [86] 1997-05-12 (PCT/JP97/01579) [87] 1998-11-19 (WO98/51882)</p>	<p style="text-align: right;">[21] 2,288,698 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/00 [25] EN [54] METHOD FOR ENHANCED CONTROL OF MOBILE CALL DELIVERY [54] PROCEDE DE CONTROLE AMELIORE DE L'ETABLISSEMENT D'UNE COMMUNICATION PROVENANT D'UNE STATION MOBILE [72] TALAGERY, GAUTAM, US [71] ERICSSON INC., US [85] 1999-11-09 [86] 1998-05-13 (PCT/US98/09605) [87] 1998-11-19 (WO98/52363) [30] US (08/856,333) 1997-05-14</p>
<p style="text-align: right;">[21] 2,288,693 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/35 [25] EN [54] METHOD OF IMPROVING DISTURBED BEHAVIOR AND ELEVATING MOOD IN HUMANS [54] PROCEDE D'AMELIORATION DE COMPORTEMENTS PERTURBES ET DE STIMULATION DE L'HUMEUR CHEZ DES HUMAINS [72] VOLICER, LADISLAV, US [71] UNIMED PHARMACEUTICALS, INC., US [85] 1999-11-05 [86] 1998-05-06 (PCT/US98/09269) [87] 1998-11-12 (WO98/50027) [30] US (60/045,813) 1997-05-07 [30] US (08/866,511) 1997-05-30</p>	<p style="text-align: right;">[21] 2,288,696 [13] A1</p> <p>[51] Int.Cl. 6B67D 5/52 [25] EN [54] PRODUCT DISPENSER HAVING SEPARABLE REFILL CARTRIDGE [54] DISTRIBUTEUR DE PRODUIT A CARTOUCHE DE RECHANGE SEPARABLE [72] PISCOPO, PETER, US [72] ASTORECA, ALFRED J., US [72] SEAGER, RICHARD H., US [71] THE PLASTEK GROUP, US [85] 1999-11-04 [86] 1998-05-06 (PCT/US98/09260) [87] 1998-11-12 (WO98/50302) [30] US (08/851,770) 1997-05-06 [30] US (08/903,831) 1997-07-31</p>	<p style="text-align: right;">[21] 2,288,699 [13] A1</p> <p>[51] Int.Cl. 6A23L 1/217 6A23P 1/08 [25] EN [54] PARFRIED AND FROZEN POTATO STRIPS COMPRISING FIRST HYDROCOLLOID COATING AND SECOND STARCH COATING, AND PROCESS FOR MAKING THE PRODUCT [54] PREPARATION DE MORCEAUX DE POMMES DE TERRE PARTIELLEMENT FRITS PRESENTANT UN TEMPS PROLONGE DE CONSERVATION DE LEURS PROPRIETES [72] JUDKINS, CARLTON, US [72] PINEGAR, RICHARD K., US [71] SOCIÉTÉ DES PRODUITS NESTLÉ, S.A., CH [85] 1999-11-03 [86] 1998-05-18 (PCT/EP98/03015) [87] 1998-12-10 (WO98/54983) [30] US (08/870,321) 1997-06-06</p>
<p style="text-align: right;">[21] 2,288,694 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/59 6A61K 47/10 6A61K 9/107 6A61K 47/36 6A61K 47/44 [25] EN [54] ACTIVATED VITAMIN D3 EMULSION-TYPE LOTIONS [54] LOTIONS DE VITAMINES D3 ACTIVEES SOUS FORME D'EMULSION [72] MOCHIZUKI, SEIJI, JP [72] SAKURAI, KATSUMI, JP [72] OKAMURA, NORIAKI, JP [72] TAKANASHI, KAZUYA, JP [72] FUJII, TAKAO, JP [72] AKASOFU, WATARU, JP [71] TEIJIN LIMITED, JP [85] 1999-11-03 [86] 1999-03-03 (PCT/JP99/01025) [87] 1999-09-10 (WO99/44617) [30] JP (10/52019) 1998-03-04</p>	<p style="text-align: right;">[21] 2,288,697 [13] A1</p> <p>[51] Int.Cl. 6F04B 49/00 6B03B 5/60 6B03B 5/64 [25] EN [54] AUTOMATED, QUANTITATIVE FILTRATION OF LIQUIDS [54] FILTRATION QUANTITATIVE AUTOMATISEE DE LIQUIDES [72] SCHICK, KARL G., US [71] SCILOG, INC., US [85] 1999-11-08 [86] 1998-05-05 (PCT/US98/09133) [87] 1998-11-12 (WO98/50699) [30] US (08/852,583) 1997-05-07</p>	

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,288,700 [13] A1</p> <p>[51] Int.Cl. 6A45D 40/04 [25] EN [54] PACKAGED ANTIPERSPIRANT CREAM COMPOSITION [54] COMPOSITION DE CREME ANTISUDORIFIQUE CONDITIONNEE [72] MOTLEY, CURTIS BOBBY, US [72] DORNBUSCH, ARTHUR HAROLD, US [72] BUSH, STEPHAN GARY, US [72] KLUMB, WILLIAM HERB, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 1999-11-05 [86] 1998-05-07 (PCT/US98/09656) [87] 1998-11-19 (WO98/51185) [30] US (08/855,547) 1997-05-13 [30] US (09/054,091) 1998-04-02</p>	<p style="text-align: right;">[21] 2,288,703 [13] A1</p> <p>[51] Int.Cl. 6C07D 487/22 6C07D 519/00 6C09B 47/04 6C10L 1/22 6C10L 1/28 6C10L 1/30 [25] EN [54] PHTHALOCYANINE AND USE OF PHTHALOCYANINE AS A MARKING AGENT [54] PHTALOCYANINE ET SON UTILISATION COMME AGENT DE MARQUAGE [72] ALBERT, BERNHARD, DE [72] MEYER, FRANK, DE [72] VAMVAKARIS, CHRISTOS, DE [72] BECK, KARIN HEIDRUN, DE [72] WAGENBLAST, GERHARD, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-11-03 [86] 1998-05-13 (PCT/EP98/02824) [87] 1998-11-26 (WO98/52950) [30] DE (197 21 399.5) 1997-05-22</p>	<p style="text-align: right;">[21] 2,288,706 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/20 [25] EN [54] USE OF HIGH DOSE RETINOIDS FOR THE TREATMENT OF SKIN DISORDERS [54] PROCEDE DE TRAITEMENT D'INFECTIONS CUTANEEES AU MOYEN DE RETINOIDES HAUTE RESISTANCE [72] KLIGMAN, DOUGLAS E., US [72] KLIGMAN, ALBERT M., US [71] KLIGMAN, DOUGLAS E., US [71] KLIGMAN, ALBERT M., US [85] 1999-11-08 [86] 1998-05-11 (PCT/US98/09440) [87] 1998-11-12 (WO98/50023) [30] US (60/046,070) 1997-05-09 [30] US (09/071,017) 1998-05-01</p>
<p style="text-align: right;">[21] 2,288,701 [13] A1</p> <p>[51] Int.Cl. 6F27B 3/28 [25] EN [54] METHOD FOR DETERMINATION OF THE TIP POSITION OF CONSUMABLE ELECTRODES USED IN ELECTRIC SMELTING FURNACES [54] PROCEDE POUR DETERMINER LA POSITION DES EXTREMITES D'ELECTRODES CONSOMMABLES UTILISEES DANS DES FOURS ELECTRIQUES DE FUSION [72] KALGRAF, KJELL, NO [72] MORKESDAL, GUNNAR, NO [72] TRONSTAD, RAGNAR, NO [71] ELKEM ASA, NO [85] 1999-11-08 [86] 1999-03-08 (PCT/NO99/00080) [87] 1999-09-23 (WO99/47873) [30] NO (19981210) 1998-03-18</p>	<p style="text-align: right;">[21] 2,288,704 [13] A1</p> <p>[51] Int.Cl. 6E02D 5/18 [25] EN [54] HYDROPHILIC WATERBAR FOR DIAPHRAGM WALL JOINTS [54] CASSIS HYDROPHILES POUR JOINTS DE MURS DIAPHRAGME [72] MICALLEF, FRANCIS JOHN, GB [72] SHOTTON, PETER GILBERT, GB [71] KVAERNER CEMENTATION FOUNDATIONS LIMITED, GB [85] 1999-11-09 [86] 1998-05-12 (PCT/GB98/01351) [87] 1998-11-19 (WO98/51867) [30] GB (9709629.1) 1997-05-12</p>	<p style="text-align: right;">[21] 2,288,707 [13] A1</p> <p>[51] Int.Cl. 6D01F 9/12 [25] EN [54] METHOD FOR EXPANDING LAMELLAR FORMS OF GRAPHITE AND RESULTANT PRODUCT [54] PROCEDE D'EXPANSION DE FORMES LAMELLAIRES DE GRAPHITE ET PRODUIT OBTENU [72] GIRKANT, RICHARD J., US [72] ZALESKI, PETER L., US [72] DERWIN, DAVID J., US [71] SUPERIOR GRAPHITE CO., US [85] 1999-11-09 [86] 1999-03-10 (PCT/US99/05208) [87] 1999-09-16 (WO99/46437) [30] US (60/077,894) 1998-03-13 [30] US (09/253,957) 1999-02-22</p>
<p style="text-align: right;">[21] 2,288,702 [13] A1</p> <p>[51] Int.Cl. 6B29C 45/66 [25] EN [54] MOLD PLATE CENTRALIZING SYSTEM [54] SYSTEME DE CENTRAGE DE PLAQUE DE MOULE [72] MATTIA, DANIEL, US [71] NATIONAL TOOL & MANUFACTURING CO., US [85] 1999-11-08 [86] 1998-06-04 (PCT/US98/11297) [87] 1998-12-10 (WO98/55300) [30] US (60/048,506) 1997-06-04</p>	<p style="text-align: right;">[21] 2,288,705 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/505 [25] EN [54] USE OF QUINAZOLINE COMPOUNDS FOR THE TREATMENT OF POLYCYSTIC KIDNEY DISEASE [54] UTILISATION DE COMPOSES DE LA QUINAZOLINE DANS LE TRAITEMENT DE LA MALADIE POLYKYSTIQUE DES REINS [72] FROST, PHILIP, US [71] AMERICAN CYANAMID COMPANY, US [85] 1999-11-01 [86] 1998-04-28 (PCT/US98/08482) [87] 1998-11-12 (WO98/50038) [30] US (08/852,266) 1997-05-06</p>	<p style="text-align: right;">[21] 2,288,708 [13] A1</p> <p>[51] Int.Cl. 6C08F 222/00 6C08F 224/00 6C10L 1/18 6C10L 1/22 6C10L 1/24 [25] EN [54] FLOW ENHANCER FOR PETROLEUM MIDDLE DISTILLATES [54] AMELIORATEUR D'ECOULEMENT POUR DISTILLATS MOYENS DE PETROLE [72] WENDEROTH, BERND, DE [72] DRALLE-VOSS, GABRIELE, DE [72] FAUL, DIETER, DE [72] SCHORNICK, GUNNAR, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-11-05 [86] 1998-05-07 (PCT/EP98/02686) [87] 1998-11-19 (WO98/51719) [30] DE (19719689.6) 1997-05-09</p>

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[21] **2,288,709**
[13] A1

[51] **Int.Cl. 6A61K 35/74 6A61K 38/45 6A61K 38/51**
[25] EN
[54] **OXALATE-DEGRADING MICROORGANISMS OR OXALATE-DEGRADING ENZYMES FOR PREVENTING OXALATE RELATED DISEASE**
[54] **MICRO-ORGANISMES DECOMPOSANT L'OXALATE OU ENZYMES DECOMPOSANT L'OXALATE UTILES POUR PREVENIR DES MALADIES LIEES A L'OXALATE**
[72] SIDHU, HARMEET, US
[72] ALLISON, MILTON J., US
[71] IXION BIOTECHNOLOGY, INC., US
[85] 1999-11-01
[86] 1998-05-22 (PCT/US98/10495)
[87] 1998-11-26 (WO98/52586)
[30] US (60/047,473) 1997-05-23

[21] **2,288,710**
[13] A1

[51] **Int.Cl. 6C07C 401/00 6A61K 31/59**
[25] EN
[54] **3-EPI VITAMIN D2 COMPOUNDS AND USES THEREOF**
[54] **COMPOSES DE 3-EPI-VITAMINE D2 ET UTILISATIONS DESDITS COMPOSES**
[72] REDDY, SATAYANARAYANA G., US
[71] WOMEN & INFANTS HOSPITAL, US
[85] 1999-11-03
[86] 1998-05-15 (PCT/US98/10063)
[87] 1998-11-19 (WO98/51664)
[30] US (60/046,641) 1997-05-16

[21] **2,288,711**
[13] A1

[51] **Int.Cl. 6G01J 1/04 6G02B 26/08 6G01R 31/26**
[25] EN
[54] **DEVICE FOR PROJECTING A DEFINED LIGHT BEAM ONTO A PHOTSENSITIVE AREA**
[54] **DISPOSITIF DE PROJECTION D'UN FAISCEAU LUMINEUX DETERMINE SUR UNE ZONE PHOTOSENSIBLE**
[72] HELMKE, CLAAS, IT
[72] OSSENBRINK, HEINZ, IT
[72] ZAAIMAN, WILLEM, IT
[71] EUROPEAN COMMUNITY (EC), LU
[85] 1999-11-05
[86] 1998-06-22 (PCT/EP98/03797)
[87] 1999-01-14 (WO99/01724)
[30] EP (97110643.0) 1997-06-30

[21] **2,288,712**
[13] A1

[51] **Int.Cl. 6B01J 31/00 6B01J 31/06 6B01J 31/18 6B01J 31/22**
[25] EN
[54] **NANOSCALE SOLID SUPERACID CATALYSTS WITH PENDANT FLUOROALKYLSULFONIC ACID OR FLUORO, PERFLUOROALKYLSULFONIC ACID GROUPS**
[54] **CATALYSEURS SUPER ACIDES SOLIDES DE NANO-ECHELLE COMPORTANT DES GROUPES LIBRES D'ACIDE FLUOROALKYLSULFONIQUE OU PERFLUOROALKYLSULFONIQUE**
[72] PRAKASH, G. K. SURYA, US
[72] OLAH, GEORGE A., US
[71] PRAKASH, G. K. SURYA, US
[71] OLAH, GEORGE A., US
[85] 1999-11-01
[86] 1998-05-06 (PCT/US98/09263)
[87] 1998-11-12 (WO98/50152)
[30] US (60/046,338) 1997-05-07

[21] **2,288,713**
[13] A1

[51] **Int.Cl. 6G10L 9/00**
[25] EN
[54] **SUBSCRIBER HANDOFF BETWEEN MULTIPLE ACCESS COMMUNICATIONS SYSTEM**
[54] **TRANSFERT D'ABONNES ENTRE DES SYSTEMES DE COMMUNICATIONS A ACCES MULTIPLE**
[72] LOSH, JASON HAINES, US
[71] MOTOROLA, INC., US
[85] 1999-11-02
[86] 1998-03-13 (PCT/US98/05047)
[87] 1998-11-12 (WO98/50909)
[30] US (08/841,879) 1997-05-05

[21] **2,288,714**
[13] A1

[51] **Int.Cl. 6B01J 7/00 6C06D 5/06**
[25] EN
[54] **METHOD OF PREPARATION OF SEALED GAS CHAMBERS**
[54] **PROCEDE DE PREPARATION DE CHAMBRES DE GAZ HERMETIQUES**
[72] KODO, YASUMASA, JP
[72] KODO, KEIUN, JP
[71] TECHNOSTAR CO., LTD., JP
[85] 1999-11-04
[86] 1998-05-07 (PCT/JP98/02025)
[87] 1998-11-12 (WO98/50141)
[30] JP (9/118327) 1997-05-08

[21] **2,288,715**
[13] A1

[51] **Int.Cl. 6G06F 17/00**
[25] EN
[54] **CARD PROCESSOR FOR USE IN FUEL DISPENSING EQUIPMENT**
[54] **PROCESSEUR DE CARTES DESTINE A UN APPAREIL DE DISTRIBUTION DE CARBURANT**
[72] STANLEY, JOHN, US
[71] TOKHEIM CORPORATION, US
[85] 1999-11-08
[86] 1999-03-08 (PCT/US99/05038)
[87] 1999-09-16 (WO99/46693)
[30] US (09/037,598) 1998-03-10

[21] **2,288,716**
[13] A1

[51] **Int.Cl. 6A47B 88/00**
[25] EN
[54] **DRAWER SLIDE MOUNTING BRACKET WITH GUSSETED MOUNTING TAB**
[54] **SUPPORT DE MONTAGE POUR GLISSIERE DE TIROIR, DOTE D'UNE PATTE DE MONTAGE A GOUSSET**
[72] LAMMENS, ARTHUR E., US
[71] ACCURIDE INTERNATIONAL, INC., US
[85] 1999-10-21
[86] 1998-04-22 (PCT/US98/08270)
[87] 1998-10-29 (WO98/47411)
[30] US (08/841,515) 1997-04-23

[21] **2,288,717**
[13] A1

[51] **Int.Cl. 6F28F 9/02**
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] GRUNDLACH, PETER, NO
[72] FOLKEDAL, LEIF, NO
[72] PETTERSEN, JOSTEIN, NO
[72] LIMING, XU, US
[71] NORSK HYDRO ASA, NO
[85] 1999-11-04
[86] 1997-10-23 (PCT/EP97/05985)
[87] 1998-11-19 (WO98/51983)
[30] EP (97201385.8) 1997-05-12

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[21] **2,288,718**
[13] A1
[51] **Int.Cl. 6F16L 55/162**
[25] EN
[54] **APPARATUS AND METHOD FOR REPAIRING PRESSURE PIPES AND FOR SECURING OTHER ELEMENTS WITH A CURABLE SEALANT**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE REPARER LES CONDUITES SOUS PRESSION ET DE FIXER D'AUTRES ELEMENTS AVEC UN MATERIAU D'ETANCHEITE DURCISSABLE**
[72] MAIMETS, LEMBIT, CA
[71] MAIMETS, LEMBIT, CA
[85] 1999-11-09
[86] 1998-06-03 (PCT/CA98/00540)
[87] 1998-12-10 (WO98/55795)
[30] US (08/870,453) 1997-06-06

[21] **2,288,719**
[13] A1
[51] **Int.Cl. 6D04H 13/00 6B32B 7/02 6B32B 27/12**
[25] EN
[54] **BREATHABLE ELASTIC FILM/NONWOVEN LAMINATE**
[54] **STRATIFIE RESPIRANT ELASTIQUE COUCHE MINCE/NON TISSE**
[72] MORMAN, MICHAEL TOD, US
[72] MORGAN, LINDA JEANETTE, US
[72] COHEN, BERNARD, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 1999-11-01
[86] 1998-05-26 (PCT/US98/10614)
[87] 1998-12-03 (WO98/54389)
[30] US (08/867,507) 1997-05-30

[21] **2,288,720**
[13] A1
[51] **Int.Cl. 6A61B 5/0488 6A61B 5/22**
[25] EN
[54] **MUSCLE FUNCTION ASSESSMENT APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'EVALUATION DE LA FONCTION MUSCULAIRE**
[72] HIDES, JULIE, AU
[72] HODGES, PAUL, AU
[72] JULL, GWENDOLEN ANNE, AU
[72] RICHARDSON, CAROLYN ANNE, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 1999-11-08
[86] 1998-05-08 (PCT/AU98/00340)
[87] 1998-11-19 (WO98/51215)
[30] AU (PO 6739) 1997-05-09

[21] **2,288,721**
[13] A1
[51] **Int.Cl. 6D21H 27/32 6B32B 29/00**
[25] EN
[54] **SOFT MULTI-PLY TISSUE PAPER HAVING A SURFACE DEPOSITED STRENGTHENING AGENT**
[54] **PAPIER DE SOIE DOUX MULTICOUCHE COMPORTANT UN AGENT DE RENFORCEMENT DEPOSE SUR SA SURFACE**
[72] VINSON, KENNETH DOUGLAS, US
[72] DEASON, HOWARD THOMAS, US
[72] FICKE, JONATHAN ANDREW, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-11-09
[86] 1998-05-11 (PCT/IB98/00701)
[87] 1998-11-19 (WO98/51862)
[30] US (08/854,397) 1997-05-12

[21] **2,288,722**
[13] A1
[51] **Int.Cl. 6A61K 31/415**
[25] EN
[54] **METHOD OF TREATING ISOLATED SYSTOLIC HYPERTENSION**
[54] **METHODE DE TRAITEMENT DE L'HYPERTENSION SYSTOLIQUE ISOLEE**
[72] BROOKS, DAVID P., US
[72] FEUERSTEIN, GIORA Z., US
[72] OHLSTEIN, ELIOT H., US
[72] RUFFOLO, ROBERT R., JR., US
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 1999-11-02
[86] 1998-05-27 (PCT/US98/10794)
[87] 1998-12-03 (WO98/53816)
[30] US (60/047,800) 1997-05-27

[21] **2,288,723**
[13] A1
[51] **Int.Cl. 6A63F 3/00**
[25] EN
[54] **WAGERING GAME OF CHANCE**
[54] **JEU DE HASARD AVEC PARI**
[72] MARKOWICZ, VICTOR, US
[72] ANGELL, ROBERT C., US
[72] CADIGAN, JOHN LEO, US
[71] GAMESCAPE, INC., US
[85] 1999-10-21
[86] 1998-04-20 (PCT/US98/08010)
[87] 1998-10-29 (WO98/47587)
[30] US (08/844,764) 1997-04-22

[21] **2,288,724**
[13] A1
[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **ABSORBENT ARTICLE COMPRISING TOUCH-SENSITIVE FRAGRANCE MEMBERS**
[54] **ARTICLE ABSORBANT COMPRENANT DES ELEMENTS PARFUMES REAGISSANT AU TOUCHER**
[72] HASSE, MARGARET HENDERSON, US
[72] CUMMINGS, THEODORE PAYNE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-11-09
[86] 1998-05-08 (PCT/IB98/00683)
[87] 1998-11-19 (WO98/51248)
[30] US (08/856,162) 1997-05-14

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[21] **2,288,725**
[13] A1

[51] **Int.Cl. 6F16G 11/00 6B21D 11/06**
[25] EN
[54] **HELICAL PRODUCTS**
[54] **PRODUITS HELICOIDE**
[72] MURPHY, MAURICE WILLIAM, US
[71] THE MORGAN CRUCIBLE
COMPANY PLC, GB
[85] 1999-11-01
[86] 1998-05-19 (PCT/GB98/01441)
[87] 1998-11-26 (WO98/53222)
[30] GB (9710791.6) 1997-05-23

[21] **2,288,726**
[13] A1

[51] **Int.Cl. 6A61K 31/445 6A61K 9/00**
[25] EN
[54] **EYEDROPS**
[54] **COLLYRES**
[72] KASE, KOICHIRO, JP
[72] OKAZAKI, KIMIYA, JP
[72] KAMI, HIROSHI, JP
[72] YOSHIZAWA, EIKO, JP
[72] FUJIMOTO, TAKASHI, JP
[72] SHIBAHARA, TAKESHI, JP
[71] SCHERING-PLOUGH KABUSHIKI
KAISHA, JP
[85] 1999-10-21
[86] 1997-04-25 (PCT/JP97/01450)
[87] 1998-11-05 (WO98/48803)

[21] **2,288,727**
[13] A1

[51] **Int.Cl. 6G06K 19/00 6G07F 19/00**
6G07F 7/10 6H04L 9/30 6H04L 9/32
[25] EN
[54] **ELECTRONIC TRANSACTION**
[54] **TRANSACTION ELECTRONIQUE**
[72] SJOBLOM, HANS, SE
[71] ACCESS SECURITY SWEDEN AB,
SE
[85] 1999-11-09
[86] 1998-05-14 (PCT/SE98/00897)
[87] 1998-11-19 (WO98/52151)
[30] SE (9701814-7) 1997-05-15

[21] **2,288,728**
[13] A1

[51] **Int.Cl. 6A45D 40/06**
[25] EN
[54] **CONTAINER FOR COSMETIC**
STICK
[54] **CONTENANT POUR BATONNET**
COSMETIQUE
[72] WILCZYNSKI, ROBERT J., US
[72] PODER, BARBARA B., US
[72] THALHEIMER, JAMES J., US
[72] STISO, ALBERT J., US
[72] BROWN, ROBERT N., US
[71] REVLON CONSUMER PRODUCTS
CORPORATION, US
[85] 1999-11-01
[86] 1998-05-06 (PCT/US98/09265)
[87] 1998-11-12 (WO98/49917)
[30] US (08/851,712) 1997-05-06

[21] **2,288,729**
[13] A1

[51] **Int.Cl. 6F16H 39/10**
[25] EN
[54] **CONTINUOUSLY VARIABLE**
HYDROSTATIC TRANSMISSION
INCLUDING 1:1 RATIO LOCK-UP
CLUTCH
[54] **TRANSMISSION**
HYDROSTATIQUE A CHANGEMENT
DE VITESSES CONTINU AYANT UN
MECANISME DE VERROUILLAGE DE
RAPPORT 1/1
[72] FOLSOM, LAWRENCE RAY, US
[72] TUCKER, CLIVE, US
[71] GENERAL DYNAMICS LAND
SYSTEMS, INC., US
[85] 1999-10-21
[86] 1998-04-24 (PCT/US98/08263)
[87] 1998-11-05 (WO98/49468)
[30] US (60/044,324) 1997-04-25
[30] US (09/062,728) 1998-04-20

[21] **2,288,730**
[13] A1

[51] **Int.Cl. 6B41J 2/01 6B41J 2/17**
[25] EN
[54] **INTELLIGENT PRINTER**
COMPONENTS AND PRINTING
SYSTEM
[54] **COMPOSANTS INTELLIGENTS**
D'IMPRIMANTE ET SYSTEME
D'IMPRESSION AFFERENT
[72] PURCELL, DAVID A., US
[72] MURRAY, RICHARD A., US
[72] DULL, DAN J., US
[71] ENCAD, INC., US
[85] 1999-11-02
[86] 1998-04-09 (PCT/US98/07324)
[87] 1998-11-26 (WO98/52762)
[30] US (60/047,304) 1997-05-20
[30] US (09/030,631) 1998-02-25

[21] **2,288,732**
[13] A1

[51] **Int.Cl. 6C07C 45/49 6C10G 35/06**
[25] EN
[54] **SUPERACID CATALYZED**
FORMYLATION-REARRANGEMENT
OF SATURATED HYDROCARBONS
[54] **FORMYLATION-**
REAGEMENT
D'HYDROCARBURES SATURES
UTILISANT UN CATALYSEUR SUPER
ACIDE
[72] OLAH, GEORGE A., US
[71] OLAH, GEORGE A., US
[85] 1999-11-01
[86] 1998-05-06 (PCT/US98/09264)
[87] 1998-11-12 (WO98/50336)
[30] US (60/046,336) 1997-05-07
[30] US (60/069,100) 1997-12-10
[30] US (09/069,183) 1998-04-29

[21] **2,288,733**
[13] A1

[51] **Int.Cl. 6E06B 3/988**
[25] EN
[54] **FRAME WITH INTEGRAL**
ENVIRONMENT RESISTANT
MEMBERS
[54] **CADRE A ELEMENTS INTEGRES**
RESISTANT A L'ENVIRONNEMENT
[72] HAGEL, RICHARD C., US
[71] BURNS, MORRIS & STEWART
LIMITED PARTNERSHIP, US
[85] 1999-10-21
[86] 1998-04-22 (PCT/US98/07775)
[87] 1998-10-29 (WO98/48137)
[30] US (08/837,776) 1997-04-22

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<p style="text-align: right;">[21] 2,288,734 [13] A1</p> <p>[51] Int.Cl. 6C08G 18/18 6C08G 18/32 6C08G 18/38 [25] EN [54] RIGID POLYURETHANE FOAMS [54] MOUSSES DE POLYURETHANNE RIGIDES [72] HAMILTON, ALAN JAMES, BE [71] HUNTSMAN ICI CHEMICALS LLC, US [85] 1999-10-21 [86] 1998-04-30 (PCT/EP98/02554) [87] 1998-12-03 (WO98/54239) [30] EP (97201588.7) 1997-05-29</p>	<p style="text-align: right;">[21] 2,288,737 [13] A1</p> <p>[51] Int.Cl. 6A61K 38/37 [25] EN [54] PHARMACEUTICAL PREPARATION COMPRISING VWF PROPEPTIDE [54] PREPARATION PHARMACEUTIQUE A BASE DE PROPEPTIDE DE FACTEUR DE VON WILLEBRAND [72] BEGUIN, SUZETTE LUCETTE, NL [72] SCHWARZ, HANS-PETER, AT [72] HEMKER, HENDRIK COENRAAD, NL [72] VARADI, KATALIN, AT [72] TURECEK, PETER, AT [71] BAXTER AKTIENGESELLSCHAFT, AT [85] 1999-11-04 [86] 1998-05-26 (PCT/EP98/03090) [87] 1998-12-03 (WO98/53848) [30] AT (A 917/97) 1997-05-28</p>	<p style="text-align: right;">[21] 2,288,740 [13] A1</p> <p>[51] Int.Cl. 6F16L 15/00 6F16L 25/00 [25] EN [54] THREADED CONNECTION FOR ENHANCED FATIGUE RESISTANCE [54] RACCORD FILETE A RESISTANCE A LA FATIGUE ACCRUE [72] EVANS, ED, US [72] DELANGE, RICHARD, US [72] BUSTER, JERRY L., US [71] GRANT PRIDECO, INC., US [85] 1999-11-01 [86] 1998-04-14 (PCT/US98/07657) [87] 1998-11-12 (WO98/50720) [30] US (08/850,735) 1997-05-02</p>
<p style="text-align: right;">[21] 2,288,735 [13] A1</p> <p>[51] Int.Cl. 6A01N 43/90 6C07D 495/04 [25] EN [54] FUNGICIDES [54] FONGICIDES [72] SAVILLE-STONES, ELIZABETH ANNE, GB [72] PARSONS, JOHN HENRY, GB [72] ATHERALL, JOHN FREDERICK, GB [72] HOUGH, THOMAS LAWLEY, GB [72] LINDELL, STEPHEN DAVID, DE [72] O'MAHOONEY, MARY JOSEPHINE, GB [71] AGREVO UK LIMITED, GB [85] 1999-11-04 [86] 1998-05-01 (PCT/GB98/01286) [87] 1998-11-12 (WO98/49899) [30] GB (9709210.0) 1997-05-08 [30] GB (9724328.1) 1997-11-18 [30] GB (9724849.6) 1997-11-26 [30] GB (9724852.0) 1997-11-26 [30] GB (9724854.6) 1997-11-26</p>	<p style="text-align: right;">[21] 2,288,738 [13] A1</p> <p>[51] Int.Cl. 6G11B 3/00 6G11B 3/06 6G11B 3/68 [25] EN [54] PRINTED SOUND PROFILE [54] PROFIL SONORE IMPRIME [72] HUBNER, STEFAN, DE [71] HUBNER, STEFAN, DE [85] 1999-10-28 [86] 1999-02-25 (PCT/DE99/00509) [87] 1999-09-02 (WO99/44193) [30] DE (198 08 562.1) 1998-02-28</p>	<p style="text-align: right;">[21] 2,288,741 [13] A1</p> <p>[51] Int.Cl. 6C07D 401/00 [25] EN [54] 4-ARYL-3(5)-HETEROARYL SUBSTITUTED PYRAZOLES AS P38 KINASE INHIBITORS [54] PYRAZOLES 3(5)-HETEROARYL SUBSTITUEES UTILISEES COMME INHIBITEURS DE KINASE P38 [72] WEIER, RICHARD M., US [72] GENG, LIFENG, US [72] HANSON, GUNNAR J., US [72] STEALEY, MICHAEL A., US [72] CLARE, MICHAEL, US [72] PARTIS, RICHARD A., US [72] ANANTANARAYAN, ASHOK, US [71] G.D. SEARLE AND CO., US [85] 1999-11-04 [86] 1998-05-22 (PCT/US98/10807) [87] 1998-11-26 (WO98/52937) [30] US (60/047,535) 1997-05-22</p>
<p style="text-align: right;">[21] 2,288,736 [13] A1</p> <p>[51] Int.Cl. 6A63B 69/16 [25] EN [54] BICYCLE TREADMILL WITH SINGLE TURNTABLE [54] TAPIS ROULANT A UN SEUL PLATEAU POUR BICYCLETTE [72] TROTTER, EDWARD E., US [71] TROTTER, EDWARD E., US [85] 1999-11-01 [86] 1998-01-14 (PCT/US98/00281) [87] 1998-11-12 (WO98/50117) [30] US (853,086) 1997-05-08</p>	<p style="text-align: right;">[21] 2,288,739 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/53 6A01H 5/00 6C12N 9/02 6C12N 15/82 [25] EN [54] PRODUCTION OF ASCORBIC ACID IN PLANTS [54] PRODUCTION D'ACIDE ASCORBIQUE DANS DES PLANTES [72] VAN MONTAGU, MARC CHARLES ERNEST, BE [72] OSTERGAARD, JENS, BE [72] BAUW, GUY JEROME CORNEEL, BE [72] DAVEY, MARK WILLIAM, BE [71] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE, BE [85] 1999-11-04 [86] 1998-05-07 (PCT/EP98/02830) [87] 1998-11-12 (WO98/50558) [30] NL (1006000) 1997-05-07</p>	<p style="text-align: right;">[21] 2,288,742 [13] A1</p> <p>[51] Int.Cl. 6B29B 11/14 6B29C 49/22 [25] EN [54] IMPROVED MULTI-LAYER CONTAINER AND PREFORM [54] CONTENEUR ET PREFORME MULTICOUCHES AMELIORES [72] SLAT, WILLIAM A., US [71] PLASTIPAK PACKAGING, INC., US [85] 1999-11-01 [86] 1998-05-11 (PCT/US98/09551) [87] 1998-11-26 (WO98/52729) [30] US (08/861,477) 1997-05-22</p>

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[21] **2,288,743**
[13] A1

[51] **Int.Cl. 6A61K 31/715 6A61K 9/00**
[25] EN
[54] **POURABLE ALGINATE COMPOSITIONS**
[54] **COMPOSITIONS D'ALGINATE POUVANT ETRE VERSEES**
[72] BANNING, DOUGLAS, GB
[72] ONSOYEN, EDVAR JARLE, NO
[72] KRISTENSEN, ASE HANNE, NO
[72] DETTMAR, PETER WILLIAM, GB
[72] FIELD, PAUL FREDERICK, GB
[72] HAMPSON, FRANK CHADWICK, GB
[72] CRAIG, DUNCAN QUINELL MACKENZIE, GB
[72] JOLIFFE, IAN GORDON, GB
[71] RECKITT & COLMAN PRODUCTS LIMITED, GB
[85] 1999-10-28
[86] 1998-04-23 (PCT/GB98/01188)
[87] 1998-11-05 (WO98/48814)
[30] GB (9708773.8) 1997-04-30
[30] GB (9708772.0) 1997-04-30

[21] **2,288,744**
[13] A1

[51] **Int.Cl. 6C07D 215/48 6C07D 401/04 6C07D 217/06 6C07D 401/06 6C07D 209/08 6C07D 401/12 6C07D 409/12 6C07D 215/14 6C07D 223/16 6C07D 215/18 6C07D 215/22 6C07D 215/36 6C07D 215/38 6A61K 31/395**
[25] EN
[54] **PHENYLALKYL DERIVATIVES, PHARMACEUTICAL COMPOSITIONS CONTAINING THESE COMPOUNDS AND PROCESSES FOR PREPARING THEM**
[54]
[72] HECKEL, ARMIN, DE
[72] BINDER, KLAUS, DE
[72] ZIMMERMANN, RAINER, DE
[72] GRELL, WOLFGANG, DE
[72] HAAKSMA, ERIC, DE
[72] SOYKA, RAINER, DE
[71] BOEHRINGER INGELHEIM PHARMA KG, DE
[85] 1999-11-04
[86] 1998-06-22 (PCT/EP98/03800)
[87] 1999-01-07 (WO99/00371)
[30] DE (197 27 117.0) 1997-06-26

[21] **2,288,745**
[13] A1

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **METHOD AND APPARATUS FOR SEARCHING A DATABASE OF RECORDS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE PROCEDER A UNE RECHERCHE DANS UNE BASE DE DONNEES D'INFORMATIONS**
[72] KRELLENSTEIN, MARC F., US
[71] NORTHERN LIGHT TECHNOLOGY, LLC, US
[85] 1999-11-01
[86] 1998-04-29 (PCT/US98/08785)
[87] 1998-11-05 (WO98/49637)
[30] US (08/846,850) 1997-05-01

[21] **2,288,747**
[13] A1

[51] **Int.Cl. 6A61M 15/00 6A61M 11/00**
[25] EN
[54] **INHALATION DEVICE**
[54] **DISPOSITIF D'INHALATION**
[72] WRIGHT, PAUL, GB
[72] JANSEN, ROBERT, GB
[72] FRID, PER, SE
[71] ASTRA PHARMACEUTICALS LTD., GB
[85] 1999-10-28
[86] 1998-05-08 (PCT/SE98/00846)
[87] 1998-11-19 (WO98/51360)
[30] SE (9701750-3) 1997-05-12

[21] **2,288,748**
[13] A1

[51] **Int.Cl. 6F16D 41/20 6F16D 7/02 6F02B 67/06**
[25] EN
[54] **SERPENTINE DRIVE SYSTEM WITH IMPROVED OVER-RUNNING ALTERNATOR DECOUPLER**
[54] **SYSTEME D'ENTRAINEMENT EN SERPENTIN AVEC DECOUPLEUR D'ALTERNATEUR A ROUE LIBRE AMELIORE**
[72] THOMEY, HENRY W., CA
[72] BYTZEK, KLAUS K., CA
[72] LAM, KIN, CA
[72] LIPOWSKI, K. MATS, CA
[72] MEVISSIN, PIERRE A., CA
[71] LITENS AUTOMOTIVE PARTNERSHIP, CA
[85] 1999-11-04
[86] 1998-05-06 (PCT/CA98/00423)
[87] 1998-11-12 (WO98/50709)
[30] US (60/045,851) 1997-05-07
[30] US (60/051,566) 1997-07-02
[30] US (60/061,566) 1997-10-10

[21] **2,288,749**
[13] A1

[51] **Int.Cl. 6H04M 1/72**
[25] EN
[54] **MOBILE RADIO TELEPHONE WITH REDUCED KEY SET**
[54] **APPAREIL DE RADIOTELEPHONIE MOBILE A CLAVIER REDUIT**
[72] WUNSCH, PETER, DE
[72] HARISCH, KLAUS, DE
[72] PAZDERSKY, KRISTIAN, DE
[71] EASYPHONE GMBH, DE
[85] 1999-11-01
[86] 1998-04-30 (PCT/EP98/02566)
[87] 1998-11-12 (WO98/51059)
[30] DE (197 18 711.0) 1997-05-02

[21] **2,288,750**
[13] A1

[51] **Int.Cl. 6C07D 263/20 6C07D 261/04 6C07D 413/04 6C07D 413/10 6C07D 417/10 6C07D 417/12 6C07D 307/32 6A61K 31/42**
[25] EN
[54] **OXAZOLIDINONE ANTIBACTERIAL AGENTS HAVING A THIOCARBONYL FUNCTIONALITY**
[54] **AGENTS ANTIBACTERIENS OXAZOLIDINONE AYANT UNE FONCTIONNALITE THIOCARBONYLE**
[72] HESTER, JACKSON B., JR., US
[72] NIDY, ELDON GEORGE, US
[72] POEL, TONI-JO, US
[72] PERRICONE, SALVATORE CHARLES, US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 1999-11-02
[86] 1998-05-18 (PCT/US98/09889)
[87] 1998-12-03 (WO98/54161)
[30] US (60/048,342) 1997-05-30

[21] **2,288,751**
[13] A1

[51] **Int.Cl. 6C08K 3/10 6C08K 5/09 6C08K 5/10 6C08K 5/51**
[25] EN
[54] **ENCRUSTATION AND BACTERIAL RESISTANT COATINGS FOR MEDICAL APPLICATIONS**
[54] **REVETEMENT A FINS MEDICALES RESISTANT AUX BACTERIES ET AUX INCRUSTATIONS**
[72] SARANGAPANI, SHANTHA, US
[71] ICET, INC., US
[85] 1999-11-04
[86] 1998-05-04 (PCT/US98/09000)
[87] 1998-11-12 (WO98/50461)
[30] US (08/851,306) 1997-05-05

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<p style="text-align: right;">[21] 2,288,752 [13] A1</p> <p>[51] Int.Cl. 6F16C 31/06 [25] EN [54] LINEAR MOTION BEARING SUB-ASSEMBLY WITH INSERTED RACES [54] SOUS-ENSEMBLE SUPPORT A MOUVEMENT LINEAIRE, POURVU DE CHEMINS DE ROULEMENT INTEGRES [72] LYON, GREGORY S., US [71] THOMSON INDUSTRIES, INC., US [85] 1999-11-02 [86] 1998-05-15 (PCT/US98/09990) [87] 1998-11-19 (WO98/51937) [30] US (08/857,621) 1997-05-16</p>	<p style="text-align: right;">[21] 2,288,755 [13] A1</p> <p>[51] Int.Cl. 6A61M 29/00 [25] EN [54] CATHETER SYSTEM [54] SYSTEME DE CATHETER [72] DUGAN, THOMAS J., US [72] HINCHLIFFE, PETER W. J., US [71] UNITED STATES SURGICAL CORPORATION, US [85] 1999-11-02 [86] 1998-05-15 (PCT/US98/09971) [87] 1998-11-26 (WO98/52639) [30] US (08/858,666) 1997-05-19</p>	<p style="text-align: right;">[21] 2,288,758 [13] A1</p> <p>[51] Int.Cl. 6G02B 26/08 6G02B 26/10 6G06K 7/10 6H01J 3/14 6G02B 6/32 6H01L 21/60 [25] EN [54] OPTICAL SCANNER AND IMAGE READER FOR READING IMAGES AND DECODING OPTICAL INFORMATION INCLUDING ONE AND TWO DIMENSIONAL SYMBOLOGIES AT VARIABLE DEPTH OF FIELD [54] EXPLORATEUR OPTIQUE ET LECTEUR D'IMAGES POUR LA LECTURE D'IMAGES ET LE DECODAGE D'INFORMATIONS OPTIQUES, Y COMPRIS LES SYMBOLES EN UNE ET DEUX DIMENSIONS A PROFONDEUR DE CHAMP VARIABLE [72] ROUSTAEI, ALEXANDER R., US [71] ROUSTAEI, ALEXANDER R., US [85] 1999-11-04 [86] 1998-05-05 (PCT/US98/09092) [87] 1998-11-12 (WO98/50814) [30] US (60/045,542) 1997-05-05</p>
<p style="text-align: right;">[21] 2,288,753 [13] A1</p> <p>[51] Int.Cl. 6A01N 31/02 6A01N 25/30 [25] EN [54] CHEMICAL PINCHING METHOD AND COMPOSITION [54] PROCEDE ET COMPOSITION DE PINCEMENT CHIMIQUE [72] FOLCHI, BRUNO, IT [72] WILEY, ROBERT P., GB [72] MCKELVIE, MARIA J., GB [71] UNIROYAL CHEMICAL COMPANY, INC., US [85] 1999-11-01 [86] 1998-05-13 (PCT/US98/09731) [87] 1998-11-19 (WO98/51148) [30] US (60/046,775) 1997-05-16</p>	<p style="text-align: right;">[21] 2,288,756 [13] A1</p> <p>[51] Int.Cl. 6B62J 1/26 [25] EN [54] BICYCLE SEAT AND SEAT COVER [54] SELLE DE BICYCLETTE ET SA GARNITURE [72] MUSER, PAUL, CA [71] SUPIMA HOLDINGS INC., CA [85] 1999-11-02 [86] 1998-03-05 (PCT/CA98/00201) [87] 1998-09-11 (WO98/39202) [30] US (08/811,659) 1997-03-05</p>	<p style="text-align: right;">[21] 2,288,759 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/40 [25] EN [54] COX-2 SELECTIVE CARPROFEN FOR TREATING PAIN AND INFLAMMATION IN DOGS [54] CARPROFENE INHIBANT SELECTIVEMENT COX-2 ET UTILISE DANS LE TRAITEMENT DE LA DOULEUR ET DES INFLAMMATIONS CHEZ LES CHIENS [72] LUNDY, KRISTIN MARIE, US [72] RICKETTS, ANTHONY PAUL, US [71] PFIZER INC., US [85] 1999-11-04 [86] 1998-05-01 (PCT/IB98/00662) [87] 1998-11-12 (WO98/50033) [30] US (60/045635) 1997-05-05</p>
<p style="text-align: right;">[21] 2,288,754 [13] A1</p> <p>[51] Int.Cl. 6B22D 11/06 6B22D 11/14 6B22D 11/18 [25] EN [54] AMORPHOUS OR GLASSY ALLOY SURFACED ROLLS FOR THE CONTINUOUS CASTING OF METAL STRIP [54] CYLINDRES REVETUS EN SURFACE D'UN ALLIAGE AMORPHE OU NON CRISTALLIN POUR LA COULEE CONTINUE DE BANDE METALLIQUE [72] STREZOV, LAZAR, AU [71] BHP STEEL (JLA) PTY. LTD., AU [71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES COMPANY LIMITED, JP [85] 1999-11-08 [86] 1998-06-02 (PCT/AU98/00412) [87] 1998-12-10 (WO98/55251) [30] AU (PO 7104) 1997-06-02</p>	<p style="text-align: right;">[21] 2,288,757 [13] A1</p> <p>[51] Int.Cl. 6B32B 9/00 6B05D 3/06 [25] EN [54] METHOD OF FORMING A SILICON LAYER ON A SURFACE [54] PROCEDE DE FORMATION D'UNE COUCHE DE SILICIUM SUR UNE SURFACE [72] LEHUEDE, PHILIPPE, FR [72] BEGUIN, ALAIN, FR [71] CORNING INCORPORATED, US [85] 1999-11-01 [86] 1998-05-26 (PCT/US98/10721) [87] 1998-12-10 (WO98/55293) [30] FR (97/07023) 1997-06-06</p>	

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[21] **2,288,760**
[13] A1

[51] **Int.Cl. 6A61K 7/00 6A61K 31/21 6A61K 31/355 6A61K 31/375**
[25] EN
[54] **ASCORBYL-PHOSPHORYL-CHOLESTEROL**
[54] **ASCORBYL-PHOSPHORYL-CHOLESTEROL**
[72] PTHELINTSEV, DMITRI, US
[71] AVON PRODUCTS, INC., US
[85] 1999-11-02
[86] 1998-05-01 (PCT/US98/09007)
[87] 1998-11-12 (WO98/50004)
[30] US (08/853,271) 1997-05-09

[21] **2,288,761**
[13] A1

[51] **Int.Cl. 6G21F 9/00 6G21F 9/30**
[25] EN
[54] **A METHOD FOR CLEANING RADIOACTIVELY CONTAMINATED MATERIAL**
[54] **PROCEDE DE NETTOYAGE DE MATERIAU RADIOACTIVEMENT CONTAMINE**
[72] RUSHTON, ALAN, GB
[71] ARMIT, JAMES CLARK, GB
[71] BRITISH NUCLEAR FUELS PLC, GB
[85] 1999-11-01
[86] 1998-04-24 (PCT/GB98/01212)
[87] 1998-11-26 (WO98/53462)
[30] GB (9709882.6) 1997-05-16

[21] **2,288,762**
[13] A1

[51] **Int.Cl. 6A47F 3/00 6A47F 7/00**
[25] EN
[54] **DEVICE FOR STORING, TRANSPORTING AND DISPLAYING MINIATURE FIGURES**
[54] **DISPOSITIF POUR LE STOCKAGE, LE TRANSPORT ET L'EXPOSITION DE FIGURES EN MINIATURE**
[72] MERINO MUNOZ, ALBERTO, ES
[71] MERINO MUNOZ, ALBERTO, ES
[85] 1999-11-08
[86] 1999-03-09 (PCT/ES99/00058)
[87] 1999-09-16 (WO99/45826)
[30] ES (U 9800647) 1998-03-09

[21] **2,288,763**
[13] A1

[51] **Int.Cl. 6H04Q 7/24**
[25] EN
[54] **GSM WIRED ACCESS**
[54] **ACCES AU GSM PAR CABLE**
[72] MAXWELL, STEWART HODDE, US
[72] PARKER, JERRY JOE, US
[72] O'CONNELL, JOHN, FR
[71] NORTEL NETWORKS CORPORATION, CA
[85] 1999-11-04
[86] 1998-04-16 (PCT/IB98/00573)
[87] 1998-11-12 (WO98/51106)
[30] US (08/847,693) 1997-05-05

[21] **2,288,764**
[13] A1

[51] **Int.Cl. 6F02B 57/08**
[25] EN
[54] **CYLINDER ASSEMBLY FOR CAM ENGINE**
[54] **BLOC CYLINDRE POUR MOTEUR A CAMES**
[72] RUSSELL, ROBERT L., US
[71] RUSSELL, ROBERT L., US
[85] 1999-11-02
[86] 1997-05-02 (PCT/US97/07437)
[87] 1998-11-12 (WO98/50692)

[21] **2,288,765**
[13] A1

[51] **Int.Cl. 6G01N 21/89**
[25] EN
[54] **METHODS AND APPARATUS FOR DETECTING SURFACE DEFECTS OF AN OPTICAL FIBER**
[54] **PROCEDES ET APPAREIL DE DETECTION DE DEFAUTS DE SURFACE D'UNE FIBRE OPTIQUE**
[72] REDING, BRUCE W., US
[72] PASTEL, DAVID A., US
[72] BIGHOUSE, ROGER D., US
[71] CORNING INCORPORATED, US
[85] 1999-11-01
[86] 1998-05-12 (PCT/US98/09811)
[87] 1998-11-26 (WO98/53305)
[30] US (60/047,399) 1997-05-22

[21] **2,288,766**
[13] A1

[51] **Int.Cl. 6F16C 33/24**
[25] EN
[54] **WRAPPED SLIDE BEARING BUSH**
[54] **COUSSINET LISSE ENROULE**
[72] SCHUBERT, WERNER, DE
[72] BICKLE, WOLFGANG, DE
[71] KS GLEITLAGER GMBH, DE
[85] 1999-11-08
[86] 1998-06-20 (PCT/EP98/03786)
[87] 1999-01-14 (WO99/01675)
[30] DE (197 28 497.3) 1997-07-03

[21] **2,288,767**
[13] A1

[51] **Int.Cl. 6H04L 9/32**
[25] FR
[54] **GENERATEUR PSEUDO-ALEATOIRE BASE SUR UNE FONCTON DE HACHAGE POUR SYSTEMES CRYPTOGRAPHIQUES NECESSITANT LE TIRAGE D'ALEAS**
[54] **PSEUDO-RANDOM GENERATOR BASED ON A HASH CODING FUNCTION FOR CRYPTOGRAPHIC SYSTEMS REQUIRING RANDOM DRAWING**
[72] M'RAIHI, DAVID, FR
[72] NACCACHE, DAVID, FR
[72] LEVY-DIT-VEHEL, FRANÇOISE, FR
[71] GEMPLUS S.C.A., FR
[85] 1999-11-04
[86] 1998-05-05 (PCT/FR98/00901)
[87] 1998-11-12 (WO98/51038)
[30] FR (97/06198) 1997-05-07

[21] **2,288,768**
[13] A1

[51] **Int.Cl. 6A61B 17/00**
[25] EN
[54] **MULTIPLE BLADED SURGICAL CUTTING DEVICE REMOVABLY CONNECTED TO A ROTARY DRIVE ELEMENT**
[54] **DISPOSITIF D'INCISION CHIRURGICAL A PLUSIEURS LAMES RELIE AMOVIBLE A UN ORGANE D'ENTRAINEMENT ROTATIF**
[72] ROBERTS, RICK D., US
[72] THOMAS, JAMES COOPER, US
[71] SURGICAL DYNAMICS, INC., US
[85] 1999-11-03
[86] 1998-05-07 (PCT/US98/09414)
[87] 1998-11-12 (WO98/49945)
[30] US (08/853,065) 1997-05-08
[30] US (08/889,016) 1997-07-07

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,288,769 [13] A1</p> <p>[51] Int.Cl. 6C03B 37/014 6C03B 19/14 [25] EN [54] GERMANIUM CHLORIDE AND SILOXANE FEEDSTOCK FOR FORMING SILICA GLASS AND METHOD [54] CHLORURE DE GERMANIUM ET MATIERE PREMIERE DE SILOXANE DESTINES A LA FORMATION DE VERRE DE SILICE ET PROCEDE AFFERENT [72] BLACKWELL, JEFFREY L., US [72] MOORE, LISA A., US [71] CORNING INCORPORATED, US [85] 1999-11-01 [86] 1998-06-24 (PCT/US98/13401) [87] 1999-01-21 (WO99/02459) [30] US (60/052,737) 1997-07-08</p>	<p style="text-align: right;">[21] 2,288,771 [13] A1</p> <p>[51] Int.Cl. 6B27N 7/00 6D21J 1/12 [25] EN [54] METHOD AND APPARATUS FOR TREATING A BOARD-LIKE MATERIAL WITH A GASEOUS AGENT [54] PROCEDE ET DISPOSITIF POUR TRAITER UN MATERIAU EN FORME DE PANNEAU AVEC UN AGENT GAZEUX [72] TULONEN, ERNO, FI [72] SIMOLIN, KARI, FI [71] SUNDS DEFIBRATOR PANELHANDLING OY, FI [85] 1999-11-02 [86] 1998-04-30 (PCT/FI98/00375) [87] 1998-11-12 (WO98/50208) [30] FI (971899) 1997-05-02</p>	<p style="text-align: right;">[21] 2,288,774 [13] A1</p> <p>[51] Int.Cl. 6H03H 1/00 [25] EN [54] DEVICE FOR ABSORBING ELECTRIC NOISE [54] INSTALLATION PERMETTANT D'ABSORBER LE BRUIT ELECTRIQUE [72] KONZ, OLIVER, DE [71] WURTH ELEKTRONIK GMBH & CO. KG, DE [85] 1999-11-02 [86] 1999-03-11 (PCT/EP99/01562) [87] 1999-09-23 (WO99/48198) [30] DE (198 11 048.0) 1998-03-13</p>
<p style="text-align: right;">[21] 2,288,770 [13] A1</p> <p>[51] Int.Cl. 6H04B 7/26 6H04B 7/06 6H04Q 7/22 [25] EN [54] SYSTEMS AND METHODS FOR CONTROL CHANNEL COMMUNICATION IN CELLULAR RADIOTELEPHONE SYSTEMS [54] SYSTEMES ET PROCEDES POUR LES COMMUNICATIONS PAR CANAL DE COMMANDE DANS LES SYSTEMES RADIOTELEPHONIQUES CELLULAIRES [72] DENT, PAUL WILKINSON, US [71] ERICSSON INC., US [85] 1999-11-03 [86] 1998-05-29 (PCT/US98/11586) [87] 1998-12-10 (WO98/56125) [30] US (08/870,639) 1997-06-06</p>	<p style="text-align: right;">[21] 2,288,772 [13] A1</p> <p>[51] Int.Cl. 6H04M 3/20 [25] EN [54] METHOD AND APPARATUS FOR PRECEDENCE AND PREEMPTION IN ATM CONNECTION ADMISSION CONTROL [54] PROCEDE ET APPAREIL DE PRIORITE ET REQUISITION DANS UNE COMMANDE D'ADMISSION DE LIAISON EN MODE DE TRANSFERT ASYNCHRONE (ATM) [72] PORETSKY, SCOTT MICHAEL, US [71] GENERAL DATACOMM, INC., US [85] 1999-11-08 [86] 1998-05-07 (PCT/US98/09399) [87] 1998-11-12 (WO98/51060) [30] US (08/853,654) 1997-05-09</p>	<p style="text-align: right;">[21] 2,288,775 [13] A1</p> <p>[51] Int.Cl. 6H01H 50/24 [25] EN [54] ELECTROMAGNETIC RELAY [54] RELAIS ELECTROMAGNETIQUE [72] MADER, LEOPOLD, AT [72] MIKL, RUDOLF, AT [71] EH-SCHRACK COMPONENTS AKTIENGESELLSCHAFT, AT [85] 1999-11-03 [86] 1998-04-14 (PCT/EP98/02166) [87] 1998-11-12 (WO98/50932) [30] DE (197 18 986.5) 1997-05-05</p>
<p style="text-align: right;">[21] 2,288,773 [13] A1</p> <p>[51] Int.Cl. 6A61K 7/48 [25] EN [54] USE OF OLIGOSACCHARIDES FOR THE TREATMENT OF CONNECTIVE TISSUES [54] UTILISATION D'OLIGOSACCHARIDES DANS LE TRAITEMENT DE TISSUS CONJONCTIFS [72] CASTELLI, DOMINIQUE, FR [72] ROBERT, LADISLAS, FR [72] ROBERT, ALEXANDRE MICHEL, FR [71] JOHNSON & JOHNSON CONSUMER FRANCE, FR [85] 1999-11-01 [86] 1998-04-30 (PCT/IB98/00657) [87] 1998-11-12 (WO98/50013) [30] FR (97/05464) 1997-05-02</p>	<p style="text-align: right;">[21] 2,288,776 [13] A1</p> <p>[51] Int.Cl. 6H01M 4/42 6H01M 4/12 [25] EN [54] ZINC SHAPES FOR ANODES OF ELECTROCHEMICAL CELLS [54] FORMES DE ZINC POUR ANODES DE CELLULES ELECTROCHIMIQUES [72] RANDELL, CHRIS, GB [72] TANG, NGHIA CONG, US [72] URRY, LEWIS F., US [72] MANSFIELD, ROBERT N., JR., US [72] CLASH, DAVID G., US [71] EVEREADY BATTERY COMPANY, INC., US [85] 1999-11-01 [86] 1998-05-01 (PCT/US98/08824) [87] 1998-11-12 (WO98/50969) [30] US (60/045,360) 1997-05-02</p>	

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,288,777 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/36 [25] EN [54] HANDOVER METHOD [54] PROCEDE DE PASSAGE [72] RÄSÄNEN, MARKKU, FI [71] NOKIA TELECOMMUNICATIONS OY, FI [85] 1999-11-02 [86] 1998-05-13 (PCT/FI98/00408) [87] 1998-11-19 (WO98/52375) [30] FI (972024) 1997-05-13</p>	<p style="text-align: right;">[21] 2,288,779 [13] A1</p> <p>[51] Int.Cl. 6H04B 7/216 6H04J 13/00 [25] EN [54] DEVICE AND METHOD FOR EXCHANGING FRAME MESSAGES OF DIFFERENT LENGTHS IN CDMA COMMUNICATION SYSTEM [54] DISPOSITIF ET PROCEDE POUR ECHANGER DES MESSAGES A TRAMES DE PLUSIEURS LONGUEURS DANS UN SYSTEME DE COMMUNICATION AMDC [72] KANG, HEE-WON, KR [72] KIM, YOUNG-KY, KR [72] AHN, JAE-MIN, KR [72] KIM, JAE-YOEL, KR [72] YOON, SOON YOUNG, KR [72] LEE, HYUN-SUK, KR [72] PARK, JIN-SOO, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 1999-11-03 [86] 1999-03-15 (PCT/KR99/00117) [87] 1999-09-23 (WO99/48227) [30] KR (1998/9389) 1998-03-14 [30] KR (1998/14878) 1998-04-25</p>	<p style="text-align: right;">[21] 2,288,781 [13] A1</p> <p>[51] Int.Cl. 6F16M 1/00 [25] EN [54] HEIGHT-ADJUSTABLE WORKSTAND SUPPORT [54] SUPPORT DE BANC DE TRAVAIL A HAUTEUR REGLABLE [72] JOHNSON, ROBERT E., US [71] JOHNSON, ROBERT E., US [85] 1999-11-02 [86] 1998-05-04 (PCT/US98/09047) [87] 1998-11-12 (WO98/50726) [30] US (08/850,154) 1997-05-02</p>
<p style="text-align: right;">[21] 2,288,778 [13] A1</p> <p>[51] Int.Cl. 6C07D 239/84 6C07D 403/04 6C07D 401/12 6C07D 403/12 6C07D 405/12 6C07D 409/12 6G01N 33/50 6A61K 31/505 6C07D 239/94 6C07D 239/95 [25] EN [54] METHODS OF MODULATING SERINE/THREONINE PROTEIN KINASE FUNCTION WITH QUINAZOLINE-BASED COMPOUNDS [54] PROCEDES DE MODULATION DE LA FONCTION PROTEINE KINASE DE LA FAMILLE SERINE/THREONINE AVEC DES COMPOSES A BASE DE QUINAZOLINE [72] TANG, PENG C., US [72] WEINBERGER, HEINZ, DE [72] MCMAHON, GERALD, US [72] APP, HARALD, US [72] KUTSCHER, BERNHARD, DE [71] SUGEN, INC., US [85] 1999-11-01 [86] 1998-05-01 (PCT/US98/09060) [87] 1998-11-12 (WO98/50370) [30] US (60/045,351) 1997-05-02 [30] US (60/060,152) 1997-09-26</p>	<p style="text-align: right;">[21] 2,288,780 [13] A1</p> <p>[51] Int.Cl. 6E04D 1/28 6E04B 5/10 6E04C 3/29 [25] EN [54] PRE-MANUFACTURED ROOF PLATE ELEMENT AND GIRDER THERETO [54] ELEMENT DE PLAQUE D'APPUI PREFABRIQUE ET POUTRE POUR CE DERNIER [72] SVENSSON, PEEHR MATHIAS ORNFELDT, DK [71] SVENSSON, PEEHR MATHIAS ORNFELDT, DK [85] 1999-11-02 [86] 1998-04-30 (PCT/DK98/00170) [87] 1998-11-12 (WO98/50647) [30] DK (0524/97) 1997-05-06</p>	<p style="text-align: right;">[21] 2,288,782 [13] A1</p> <p>[51] Int.Cl. 6G05B 19/409 6B25J 9/16 [25] EN [54] DISTRIBUTED INTERFACE ARCHITECTURE FOR PROGRAMMABLE INDUSTRIAL CONTROL SYSTEMS [54] ARCHITECTURE D'INTERFACE REPARTIE POUR SYSTEMES DE COMMANDE INDUSTRIELS PROGRAMMABLES [72] GOLDMAN, CRAIG E., US [72] CRATER, KENNETH C., US [71] CONTROL TECHNOLOGY CORPORATION, US [85] 1999-11-02 [86] 1998-05-06 (PCT/US98/09226) [87] 1998-11-12 (WO98/50834) [30] US (08/851,644) 1997-05-06</p>
		<p style="text-align: right;">[21] 2,288,783 [13] A1</p> <p>[51] Int.Cl. 6B01J 23/89 6B01J 37/02 [25] EN [54] PROCESS FOR PREPARING CARBOXYLIC ACID SALTS AND CATALYSTS USEFUL IN SUCH PROCESS [54] PROCEDE DE PREPARATION DE SELS D'ACIDE CARBOXYLIQUE ET CATALYSEURS DE REALISATION DE CE PROCEDE [72] EBNER, JERRY R., US [72] FRANCZYK, THADDEUS S., US [71] MONSANTO COMPANY, US [85] 1999-11-02 [86] 1998-05-05 (PCT/US98/03189) [87] 1998-11-12 (WO98/50150) [30] US (08/841,888) 1997-05-05</p>

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[21] **2,288,784**
[13] A1
[51] **Int.Cl. 6E21B 47/00 6G01V 3/00 6G01V 8/00 6E21B 41/02 6E21B 37/06 6E21B 47/06 6E21B 47/10 6E21B 47/12**
[25] EN
[54] **MONITORING OF DOWNHOLE PARAMETERS AND TOOLS UTILIZING FIBER OPTICS**
[54] **SURVEILLANCE DE PARAMETRES ET D'OUTILS DE FOND DE Puits AU MOYEN DE FIBRES OPTIQUES**
[72] VOLL, BENN, US
[72] HARRELL, JOHN, US
[72] TUBEL, PAULO, US
[72] WILLIAMS, GLYNN, GB
[72] JOHNSON, MICHAEL, US
[72] BIDIGARE, BRIAN, US
[71] BAKER HUGHES INCORPORATED, US
[85] 1999-11-02
[86] 1998-05-01 (PCT/US98/08855)
[87] 1998-11-12 (WO98/50680)
[30] US (60/045,354) 1997-05-02
[30] US (60/048,989) 1997-06-09
[30] US (60/052,042) 1997-07-09
[30] US (60/062,953) 1997-10-10
[30] US (60/073,425) 1998-02-02
[30] US (60/079,446) 1998-03-25

[21] **2,288,785**
[13] A1
[51] **Int.Cl. 6A61N 1/36**
[25] EN
[54] **BIO-ACTIVE FREQUENCY GENERATOR AND METHOD HAVING REPLACEABLE MEMORIES**
[54] **GENERATEUR DE FREQUENCES BIOLOGIQUEMENT ACTIVES POURVU DE MEMOIRES REMPLACABLES**
[72] FLEMING, JANET E., US
[71] FLEMING, JANET E., US
[85] 1999-11-02
[86] 1998-04-30 (PCT/US98/08756)
[87] 1998-11-26 (WO98/52642)
[30] US (08/862,056) 1997-05-22

[21] **2,288,786**
[13] A1
[51] **Int.Cl. 6C07D 403/06 6C07B 59/00 6A61K 49/00 6C07D 471/04 6C07D 473/04 6C07D 495/04 6A61K 51/04 6C07D 401/06 6C07D 401/14 6C07D 403/14 6C07D 405/14 6C07D 409/14 6C07D 413/14 6C07D 417/14 6G01N 33/534**
[25] EN
[54] **RADIOLABELED FARNESYL-PROTEIN TRANSFERASE INHIBITORS**
[54] **INHIBITEURS RADIOMARQUES DE FARNESYL-PROTEINE TRANSFERASE**
[72] GIBSON, RAYMOND E., US
[72] BURNS, HUGH D., US
[72] ENG, WAI-SI, US
[71] MERCK & CO., INC., US
[85] 1999-11-03
[86] 1998-05-11 (PCT/US98/09853)
[87] 1999-01-07 (WO99/00654)
[30] US (60/046,539) 1997-05-15

[21] **2,288,787**
[13] A1
[51] **Int.Cl. 6C07D 401/04 6A61K 31/44**
[25] EN
[54] **PYRAZOLE DERIVATIVES AS P38 KINASE INHIBITORS**
[54] **DERIVES DE PYRAZOLE COMME INHIBITEURS DE KINASE P38**
[72] LIAO, SHUYUAN, US
[72] HANSON, GUNNAR J., US
[71] G.D. SEARLE AND CO., US
[85] 1999-11-02
[86] 1998-05-22 (PCT/US98/11684)
[87] 1998-11-26 (WO98/52941)
[30] US (60/047,569) 1997-05-22

[21] **2,288,788**
[13] A1
[51] **Int.Cl. 6G01T 1/17**
[25] EN
[54] **METHOD AND APPARATUS TO PREVENT PILE-UP WHEN DETECTING THE ENERGY OF INCOMING SIGNALS**
[54] **PROCEDE ET APPAREIL DESTINES A EMPECHER L'EMPILEMENT LORS DE LA DETECTION DE L'ENERGIE DE SIGNAUX ENTRANTS**
[72] LI, HONDI, US
[72] WONG, WAI-HOI, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 1999-11-02
[86] 1998-05-07 (PCT/US98/09347)
[87] 1998-11-12 (WO98/50802)
[30] US (60/045,836) 1997-05-07

[21] **2,288,789**
[13] A1
[51] **Int.Cl. 6C07D 487/04 6A61K 31/50**
[25] EN
[54] **SUBSTITUTED 1,2,4-TRIAZOLO-3,4-A|PHTHALAZINE DERIVATIVES AS GABA ALPHA 5 LIGANDS**
[54] **DERIVES DE 1,2,4-TRIAZOLO-3,4-A|PHTHALAZINE SUBSTITUES COMME LIGANDS DE GABA ALPHA 5**
[72] LADDUWAHETTY, TAMARA, GB
[72] MACLEOD, ANGUS MURRAY, GB
[72] CARLING, WILLIAM ROBERT, GB
[72] MERCHANT, KEVIN JOHN, GB
[72] STERNFELD, FRANCINE, GB
[72] MOORE, KEVIN WILLIAM, GB
[72] STREET, LESLIE JOSEPH, GB
[71] MERCK SHARP & DOHME LIMITED, GB
[85] 1999-11-02
[86] 1998-05-06 (PCT/GB98/01307)
[87] 1998-11-12 (WO98/50385)
[30] GB (9709368.6) 1997-05-08
[30] GB (9714508.0) 1997-07-10
[30] GB (9723741.6) 1997-11-11
[30] GB (9803992.8) 1998-02-25

[21] **2,288,790**
[13] A1
[51] **Int.Cl. 6C10M 161/00 6C10M 167/00**
[25] EN
[54] **POWER TRANSMISSION FLUIDS OF IMPROVED VISCOMETRIC AND ANTI-SHUDDER PROPERTIES**
[54] **FLUIDES DE TRANSMISSION A PROPRIETES AMELIOREES DE REGULATION DE VISCOSITE ET ANTI-VIBRATOIRES**
[72] CORNISH, CHRISTOPHER WILLIAM, US
[72] GINDELBERGER, DAVID EDWARD, US
[72] WATTS, RAYMOND FREDERICK, US
[71] EXXON CHEMICAL PATENTS, INC., US
[85] 1999-11-02
[86] 1998-04-28 (PCT/US98/08499)
[87] 1998-12-17 (WO98/56880)
[30] US (873,405) 1997-06-12

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<p style="text-align: right;">[21] 2,288,791 [13] A1</p> <p>[51] Int.Cl. 6H01R 4/50 [25] EN [54] ELECTRICAL WIRE CONNECTOR [54] CONNECTEUR POUR FILS ELECTRIQUES [72] ADLER, KEVIN M., US [72] REYNER, EMERSON M., II, US [71] THE WHITAKER CORPORATION, US [85] 1999-11-02 [86] 1998-05-06 (PCT/US98/09203) [87] 1998-11-12 (WO98/50984) [30] US (60/045,659) 1997-05-06</p>	<p style="text-align: right;">[21] 2,288,794 [13] A1</p> <p>[51] Int.Cl. 6A61K 7/16 [25] EN [54] STRIPED DENTIFRICE STABLE TO COLOR BLEEDING [54] DENTIFRICE A BANDES DE COULEUR STABILISE POUR EVITER L'ETALEMENT DES COULEURS [72] PRENCIPE, MICHAEL, US [72] WONG, MICHAEL, US [72] MILLER, JEFFREY M., US [72] BENZ, CLAUDE L., US [71] COLGATE-PALMOLIVE COMPANY, US [85] 1999-11-08 [86] 1998-04-30 (PCT/US98/08579) [87] 1998-11-19 (WO98/51270) [30] US (08/854,504) 1997-05-12</p>	<p style="text-align: right;">[21] 2,288,797 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/00 [25] EN [54] PERSONAL AMBULATORY CELLULAR HEALTH MONITOR FOR MOBILE PATIENT [54] APPAREIL CELLULAIRE INDIVIDUEL DE CONTROLE DE LA SANTE POUR MALADE AMBULATOIRE [72] GEVA, YAKOV, IL [71] CARD GUARD SCIENTIFIC SURVIVAL LTD., IL [85] 1999-11-02 [86] 1999-03-02 (PCT/IL99/00123) [87] 1999-09-10 (WO99/44494) [30] US (60/076,660) 1998-03-03</p>
<p style="text-align: right;">[21] 2,288,792 [13] A1</p> <p>[51] Int.Cl. 6B41N 7/04 [25] EN [54] DAMPING ROLLER FOR PRINTING PRESSES AND METHOD FOR THE PRODUCTION THEREOF [54] ROULEAU MOUILLEUR POUR MACHINES D'IMPRIMERIE ET SON PROCEDE DE PRODUCTION [72] SONDERGELD, WERNER, DE [71] THE MORGAN CRUCIBLE COMPANY PLC, GB [85] 1999-11-02 [86] 1998-06-08 (PCT/DE98/01594) [87] 1998-12-30 (WO98/58807) [30] DE (197 27 829.9) 1997-06-23</p>	<p style="text-align: right;">[21] 2,288,795 [13] A1</p> <p>[51] Int.Cl. 6B01D 43/00 6B01D 21/00 6B01J 19/10 [25] EN [54] PARTICLE MANIPULATION [54] MANIPULATION DE PARTICULES [72] CEFAL, JOSEPH, GB [72] BARROW, DAVID ANTHONY, GB [72] HAWKES, JEREMY JOHN, GB [72] COAKLEY, WILLIAM TERENCE, GB [71] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LTD., GB [85] 1999-11-02 [86] 1998-04-30 (PCT/GB98/01274) [87] 1998-11-12 (WO98/50133) [30] GB (9708984.1) 1997-05-03</p>	<p style="text-align: right;">[21] 2,288,798 [13] A1</p> <p>[51] Int.Cl. 6G01L 21/32 6G01L 21/34 [25] EN [54] BAYARD-ALPERT VACUUM GAUGE WITH NEUTRALIZATION OF X-RAY EFFECT [54] MANOMETRE BAYARD-ALPERT POUVANT NEUTRALISER L'EFFET DES RAYONS X [72] DRUBETSKY, EMIL, US [72] BRADY, HOWARD M., US [72] GOEHNER, RONALD H., US [72] KENDALL, BRUCE R. F., US [71] THE FREDERICKS COMPANY, US [85] 1999-11-04 [86] 1998-05-08 (PCT/US98/09024) [87] 1998-11-12 (WO98/50768) [30] US (60/046,033) 1997-05-09</p>
<p style="text-align: right;">[21] 2,288,793 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/10 [25] EN [54] POLY(VINYL ALCOHOL) CRYOGEL [54] CRYOGEL D'ALCOOL POLYVINYLIQUE [72] WOOTTON, DAVID M., US [72] BRADDON, LINDA G., US [72] KU, DAVID N., US [71] GEORGIA TECH RESEARCH CORPORATION, US [85] 1999-11-03 [86] 1998-05-05 (PCT/US98/09129) [87] 1998-11-12 (WO98/50017) [30] US (60/045,875) 1997-05-05 [30] US (08/932,029) 1997-09-11</p>	<p style="text-align: right;">[21] 2,288,796 [13] A1</p> <p>[51] Int.Cl. 6F02C 3/36 6F02C 3/20 [25] EN [54] PARTIAL OXIDATION POWERPLANT WITH SEQUENTIAL COMBUSTION [54] CENTRALE ELECTRIQUE A OXYDATION PARTIELLE EN COMBUSTION SEQUENTIELLE [72] YANG, WEN-CHING, US [72] NEWBY, RICHARD A., US [72] BANNISTER, ROLAND L., US [71] SIEMENS WESTINGHOUSE POWER CORPORATION, US [85] 1999-11-08 [86] 1998-04-29 (PCT/US98/08627) [87] 1998-11-19 (WO98/51914) [30] US (08/855,430) 1997-05-13</p>	<p style="text-align: right;">[21] 2,288,799 [13] A1</p> <p>[51] Int.Cl. 6G01R 31/36 6G01D 4/00 [25] EN [54] BATTERY MONITORING IN METERING SYSTEMS [54] SYSTEME DE CONTROLE DE BATTERIE DANS DES INSTALLATIONS DE COMPTAGE [72] DUJON, GREGORY FRANCIS, GB [71] LG (UK) LTD., GB [85] 1999-11-08 [86] 1998-05-05 (PCT/GB98/01298) [87] 1998-11-19 (WO98/52061) [30] GB (9709603.6) 1997-05-12</p>

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,288,800 [13] A1</p> <p>[51] Int.Cl. 6A01J 7/00 [25] EN [54] A MILKING EQUIPMENT AND A RELIEF DEVICE [54] EQUIPEMENT DE TRAITE ET DISPOSITIF DE TRANSFERT [72] ANDERSSON, GOSTA, SE [71] ALFA LAVAL AGRI AB, SE [85] 1999-11-08 [86] 1998-05-06 (PCT/SE98/00837) [87] 1998-11-19 (WO98/51144) [30] SE (9701735-4) 1997-05-09</p>	<p style="text-align: right;">[21] 2,288,803 [13] A1</p> <p>[51] Int.Cl. 6B29B 15/04 6B29C 47/00 6C08J 3/16 6B29C 47/50 [25] EN [54] TWO-STEP METHOD FOR DEHYDRATING PLASTIC DISPERSIONS [54] PROCEDE A DEUX ETAPES POUR EXTRAIRE L'EAU CONTENUE DANS DES DISPERSIONS DE MATIERES PLASTIQUES [72] SCHIKOWSKY, HARTMUT, DE [72] VETTER, HEINZ, DE [72] HOSS, WERNER, DE [71] ROHM GMBH, DE [85] 1999-11-02 [86] 1998-04-07 (PCT/EP98/02005) [87] 1998-11-12 (WO98/50212) [30] DE (197 18 597.5) 1997-05-02</p>	<p style="text-align: right;">[21] 2,288,806 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/68 6A61K 41/00 6C07H 21/02 6C07H 21/04 6C12P 19/34 6C12Q 1/70 [25] EN [54] COMPLEX FORMATION BETWEEN DSDNA AND OLIGOMER OF HETEROCYCLES [54] FORMATION DE COMPLEXES ENTRE UN ADN A DOUBLE BRIN ET UN OLIGOMERE D'HETEROCYCLES [72] DERVAN, PETER B., US [71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US [71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US [85] 1999-11-04 [86] 1997-07-21 (PCT/US97/12722) [87] 1998-11-12 (WO98/50582) [30] US (08/853,522) 1997-05-08</p>
<p style="text-align: right;">[21] 2,288,801 [13] A1</p> <p>[51] Int.Cl. 6G01N 15/14 6C12Q 1/00 [25] EN [54] A METHOD AND A SYSTEM FOR DETERMINATION OF PARTICLES IN A LIQUID SAMPLE [54] PROCEDE ET SYSTEME POUR DETERMINER DES PARTICULES DANS UN ECHANTILLON LIQUIDE [72] ARNVIDARSON, BORKUR, DK [72] GLENSBJERG, MARTIN, DK [72] HANSEN, FRANS EJNER RAVN, DK [72] JEPPESEN, JESPER MYRON, DK [71] CHEMOMETEC A/S, DK [85] 1999-11-02 [86] 1998-05-05 (PCT/DK98/00175) [87] 1998-11-12 (WO98/50777) [30] DK (0509/97) 1997-05-05 [30] DK (1431/97) 1997-12-09</p>	<p style="text-align: right;">[21] 2,288,804 [13] A1</p> <p>[51] Int.Cl. 6C03C 25/00 6C03C 13/00 6C03C 25/06 [25] EN [54] AL2O3-CONTAINING, HIGH-TEMPERATURE RESISTANT GLASS SLIVER WITH HIGHLY TEXTILE CHARACTER, AND PRODUCTS THEREOF [54] MECHE DE VERRANNE CONTENANT DE L'AL2O3, A HAUTE RESISTANCE THERMIQUE ET A FORT CARACTERE TEXTILE, AINSI QUE PRODUITS DERIVES [72] LEHR, SVEN, DE [72] FOCKE, THOMAS, DE [71] RICHTER, ROBIN, DE [85] 1999-11-08 [86] 1998-05-13 (PCT/DE98/01336) [87] 1998-11-19 (WO98/51631) [30] DE (19719814.7) 1997-05-13 [30] DE (19724874.8) 1997-06-12</p>	<p style="text-align: right;">[21] 2,288,807 [13] A1</p> <p>[51] Int.Cl. 6G06K 9/00 6G06K 11/08 [25] EN [54] IMAGE READING APPARATUS D'IMAGES [54] APPAREIL DE LECTURE D'IMAGES [72] SASAKI, KAZUHIRO, JP [72] AOKI, HISASHI, JP [72] SASAKI, MAKOTO, JP [71] CASIO COMPUTER CO., LTD., JP [85] 1999-11-02 [86] 1999-03-11 (PCT/JP99/01189) [87] 1999-09-16 (WO99/46724) [30] JP (10-078575) 1998-03-12</p>
<p style="text-align: right;">[21] 2,288,802 [13] A1</p> <p>[51] Int.Cl. 6D21F 7/08 [25] EN [54] MULTILAYER POROUS FABRIC [54] TISSU POREUX MULTICOUCHE [72] FEKETE, EUGENE Z., US [72] WIEBE, KURT, CA [72] JACKSON, GRAHAM W., CA [72] BAKER, SAMUEL M., CA [71] JWI LTD., CA [85] 1999-11-02 [86] 1999-03-16 (PCT/CA99/00226) [87] 1999-09-23 (WO99/47748) [30] US (09/039,328) 1998-03-16</p>	<p style="text-align: right;">[21] 2,288,805 [13] A1</p> <p>[51] Int.Cl. 6G07F 15/00 6G01F 15/00 6G07F 7/02 [25] EN [54] CREDIT TRANSFER IN METERING SYSTEMS [54] TRANSFERT DE CREDIT POUR SYSTEMES DE COMPTEURS [72] WILCZYNSKI, PIOTR PAWEL, GB [71] LG (UK) LTD., GB [85] 1999-11-08 [86] 1998-05-05 (PCT/GB98/01295) [87] 1998-11-19 (WO98/52167) [30] GB (9709602.8) 1997-05-12</p>	<p style="text-align: right;">[21] 2,288,808 [13] A1</p> <p>[51] Int.Cl. 6C09J 1/02 6C09J 103/00 6C09J 103/02 [25] EN [54] ADHESIVE COMPOSITIONS FOR CORRUGATED BOXES [54] COMPOSITIONS ADHESIVES POUR CAISSES EN CARTON ONDULE [72] HAGENS, RODGER GRAHAM, CA [72] McDONALD, MICHAEL, CA [72] MILLARD, WILLIAM, CA [71] NATIONAL SILICATES LTD., CA [71] CORN PRODUCTS INTERNATIONAL, INC., US [85] 1999-11-02 [86] 1998-05-04 (PCT/CA98/00435) [87] 1998-11-12 (WO98/50478) [30] US (60/045,821) 1997-05-08</p>

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<p style="text-align: right;">[21] 2,288,809 [13] A1</p> <p>[51] Int.Cl. 6G06F 19/00 [25] EN [54] CYBER MEDICINE DISEASE MANAGEMENT [54] SUIVI DES MALADIES PAR TELEMEDECINE [72] WALKER, CEDRIC F., US [72] KARP, EDWARD W., US [72] FINE, JONATHAN M., US [71] CYBERHEALTH, INC., US [85] 1999-11-02 [86] 1998-05-01 (PCT/US98/08911) [87] 1998-11-12 (WO98/50873) [30] US (60/045,436) 1997-05-02 [30] US (60/081,369) 1998-04-10</p>	<p style="text-align: right;">[21] 2,288,812 [13] A1</p> <p>[51] Int.Cl. 6C10M 141/10 [25] EN [54] LUBRICATING COMPOSITIONS [54] COMPOSITIONS LUBRIFIANTES [72] DOWLING, MICHAEL, GB [72] CRAIG, JOHN WILLIAM THOMAS, GB [71] INFINEUM USA L.P., US [85] 1999-11-02 [86] 1998-03-23 (PCT/EP98/01899) [87] 1998-10-08 (WO98/44079) [30] GB (9706468.7) 1997-03-27</p>	<p style="text-align: right;">[21] 2,288,816 [13] A1</p> <p>[51] Int.Cl. 6A47J 37/12 6G07F 13/10 [25] EN [54] DEVICE FOR PREPARING FOODSTUFFS [54] DISPOSITIF DE PREPARATION DE PRODUITS ALIMENTAIRES [72] SCHLEH, RUDOLF, DE [71] SCHLEH, RUDOLF, DE [85] 1999-11-08 [86] 1998-05-30 (PCT/EP98/03247) [87] 1998-12-10 (WO98/55011) [30] DE (197 23 754.1) 1997-06-06</p>
<p style="text-align: right;">[21] 2,288,810 [13] A1</p> <p>[51] Int.Cl. 6C07D 457/00 [25] EN [54] ERGOLINE DERIVATIVES AND THEIR USE AS SOMATOSTATIN RECEPTOR ANTAGONISTS [54] DERIVES D'ERGOLINE [72] SWOBODA, ROBERT, CH [72] STUTZ, PETER, AT [72] NEUMANN, PETER, CH [72] PFAEFFLI, PAUL, CH [71] NOVARTIS AG, CH [85] 1999-11-04 [86] 1998-05-27 (PCT/EP98/03125) [87] 1998-12-03 (WO98/54183) [30] GB (9711043.1) 1997-05-29</p>	<p style="text-align: right;">[21] 2,288,813 [13] A1</p> <p>[51] Int.Cl. 6C07H 1/00 [25] EN [54] IMPROVED PROCESS FOR PERFORMING POLYNUCLEOTIDE SEPARATIONS [54] PROCEDE AMELIORE PERMETTANT D'EFFECTUER DES SEPARATIONS DE POLYNUCLEOTIDES [72] GJERDE, DOUGLAS T., US [72] TOGAMI, DAVID W., US [72] HAEFELE, ROBERT M., US [71] TRANSGENOMIC, INC., US [85] 1999-11-08 [86] 1998-05-19 (PCT/US98/10228) [87] 1998-12-17 (WO98/56798) [30] US (60/049,123) 1997-06-10 [30] US (60/063,835) 1997-10-30</p>	<p style="text-align: right;">[21] 2,288,817 [13] A1</p> <p>[51] Int.Cl. 6B23K 35/26 6C22C 13/00 [25] EN [54] LEADLESS SOLDER [54] SOUDURE SANS PLOMB [72] NISHIMURA, TETSURO, JP [71] NIHON SUPERIOR SHA CO., LTD., JP [85] 1999-11-08 [86] 1999-03-15 (PCT/JP99/01229) [87] 1999-09-30 (WO99/48639) [30] JP (10-100141) 1998-03-26 [30] JP (10-324482) 1998-10-28 [30] JP (10-324483) 1998-10-28</p>
<p style="text-align: right;">[21] 2,288,811 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/30 6G06F 15/00 6G06F 17/00 6G06K 9/62 [25] EN [54] ALGORITHMS AND SYSTEM FOR OBJECT-ORIENTED CONTENT-BASED VIDEO SEARCH [54] ALGORITHMES ET SYSTEME DE RECHERCHE VIDEO ORIENTEE OBJET [72] ZHONG, DI, US [72] SUNDARAM, HARI, US [72] CHEN, WILLIAM, US [72] MENG, HORACE J., US [72] CHANG, SHIH-FU, US [71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US [85] 1999-11-03 [86] 1998-05-05 (PCT/US98/09124) [87] 1998-11-12 (WO98/50869) [30] US (60/045,637) 1997-05-05</p>	<p style="text-align: right;">[21] 2,288,814 [13] A1</p> <p>[51] Int.Cl. 6H04B 7/216 6H04J 13/06 [25] EN [54] DEVICE AND METHOD FOR GENERATING PN SEQUENCE IN CDMA COMMUNICATION SYSTEM [54] DISPOSITIF ET PROCEDE PERMETTANT DE GENERER UNE SEQUENCE A PSEUDO-BRUIT (PN) DANS UN SYSTEME DE COMMUNICATIONS A ACCES MULTIPLE PAR DIFFERENCE DE CODE (AMDC) [72] PARK, SU WON, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 1999-11-03 [86] 1999-03-23 (PCT/KR99/00127) [87] 1999-09-30 (WO99/49594) [30] KR (1998/10395) 1998-03-23</p>	<p style="text-align: right;">[21] 2,288,819 [13] A1</p> <p>[51] Int.Cl. 6A63F 9/00 [25] EN [54] INTERACTIVE EXERCISE PAD SYSTEM [54] SYSTEME D'EXERCICE INTERACTIF AVEC TAPIS [72] BACON, BRUCE R., US [72] FEDRIGON, RICHARD, US [72] HILFERTY, MICHAEL F., US [72] LUKE, LOREN M., US [72] FRANCIS, SCOTT R., US [71] REAL VISION CORPORATION, US [85] 1999-11-08 [86] 1997-12-08 (PCT/US97/22024) [87] 1998-11-12 (WO98/50121) [30] WO (PCT/US97/07721) 1997-05-08</p>

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<p style="text-align: right;">[21] 2,288,820 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/12 [25] EN [54] METHOD FOR FREQUENCY MODE VALIDATION FOR, FREQUENCY ASSIGNMENT FOR, AND EVALUATING THE NETWORK EFFECT OF A FREQUENCY PLAN REVISION WITHIN A DUAL MODE CELLULAR TELEPHONE SYSTEM [54] PROCEDE DE VALIDATION DE MODE FREQUENCE ET EVALUATION DE L'EFFET SUR LE RESEAU DE LA REVISION D'UN PLAN DE FREQUENCES DANS UN SYSTEME DE TELEPHONE CELLULAIRE BIMODAL [72] GUIMONT, VINCENT, CA [72] BRIERE, SYLVAIN, CA [72] DUFOUR, DANIEL, CA [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-11-08 [86] 1998-04-30 (PCT/SE98/00802) [87] 1998-11-12 (WO98/51101) [30] US (08/852,879) 1997-05-08</p>	<p style="text-align: right;">[21] 2,288,822 [13] A1</p> <p>[51] Int.Cl. 6B32B 1/08 6B29D 23/00 6B65B 53/02 [25] EN [54] IMPROVED COMPOSITION FOR UNIAXIALLY HEAT-SHRINKABLE BIAXIALLY ORIENTED POLYPROPYLENE FILM [54] COMPOSITION AMELIOREE POUR PELLICULE DE POLYPROPYLENE ORIENTE BIAXIALEMENT ET THERMORETRACTABLE UNIAXIALEMENT [72] PEET, ROBERT GUTHRIE, US [72] AMON, MORIS, US [72] PELLINGRA, SALVATORE JAMES JR., US [71] MOBIL OIL CORPORATION, US [85] 1999-11-08 [86] 1998-05-07 (PCT/US98/09675) [87] 1998-11-26 (WO98/52742) [30] US (08/858,850) 1997-05-19</p>	<p style="text-align: right;">[21] 2,288,824 [13] A1</p> <p>[51] Int.Cl. 6G07F 7/10 6G06K 19/073 [25] EN [54] A SYSTEM AND METHOD FOR A MULTI-APPLICATION SMART CARD WHICH CAN FACILITATE A POST-ISSUANCE DOWNLOAD OF AN APPLICATION ONTO THE SMART CARD [54] PROCEDE ET DISPOSITIF DE CARTE A PUCE MULTI-APPLICATION PERMETTANT DE TELECHARGER UNE APPLICATION SUR LA CARTE POSTERIEUREMENT A SON EMISSION [72] KEKICHEFF, MARC B., US [72] WEISE, JOEL M., US [72] CHAN, ALFRED, US [72] WENTKER, DAVID C., US [71] VISA INTERNATIONAL SERVICE ASSOCIATION, US [85] 1999-11-04 [86] 1998-03-24 (PCT/US98/05674) [87] 1998-10-01 (WO98/43212) [30] US (60/041,468) 1997-03-24 [30] US (60/061,763) 1997-10-14</p>
<p style="text-align: right;">[21] 2,288,821 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/70 6A61K 31/53 [25] EN [54] MODULATION OF HUMAN MAST CELL ACTIVATION [54] MODULATION DE L'ACTIVATION DU MASTOCYTE HUMAIN [72] PELLEG, AMIR, US [72] SCHULMAN, EDWARD B., US [71] ALLEGHENY UNIVERSITY OF THE HEALTH SCIENCES, US [85] 1999-11-02 [86] 1998-03-24 (PCT/US98/05922) [87] 1998-10-01 (WO98/42353) [30] US (60/041,461) 1997-03-25</p>	<p style="text-align: right;">[21] 2,288,823 [13] A1</p> <p>[51] Int.Cl. 6A61F 2/00 6A61F 13/00 6A61F 2/02 6A01N 1/02 6A61F 2/24 [25] EN [54] CHEMICAL CLEANING OF BIOLOGICAL MATERIAL [54] NETTOYAGE CHIMIQUE DE MATIERE BIOLOGIQUE [72] ABRAHAM, GINGER A., US [72] KEMP, PAUL D., GB [72] MERCER, RYAN, US [72] CARR, ROBERT M., JR., US [72] BAKER, LINDA, US [71] ORGANOGENESIS INC., US [85] 1999-11-08 [86] 1998-05-08 (PCT/US98/09432) [87] 1998-11-12 (WO98/49969) [30] US (08/853,372) 1997-05-08</p>	<p style="text-align: right;">[21] 2,288,826 [13] A1</p> <p>[51] Int.Cl. 6B29C 43/36 6B29C 33/30 [25] EN [54] SHEAR EDGE TOOL [54] OUTIL A BORDS PLONGEANTS [72] LICHTINGER, PETER, DE [71] KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH, DE [85] 1999-11-02 [86] 1999-02-26 (PCT/EP99/01269) [87] 1999-09-10 (WO99/44801) [30] DE (198 09 720.4) 1998-03-06</p>
		<p style="text-align: right;">[21] 2,288,827 [13] A1</p> <p>[51] Int.Cl. 6H01H 50/54 6H01H 50/64 [25] EN [54] RELAY WITH CONTACT SPRINGS [54] RELAIS A BANCS DE CONTACT [72] MIKL, RUDOLF, AT [72] MADER, LEOPOLD, AT [71] EH-SCHRACK COMPONENTS AKTIENGESELLSCHAFT, AT [85] 1999-11-03 [86] 1998-04-24 (PCT/EP98/02439) [87] 1998-11-12 (WO98/50933) [30] DE (197 18 985.7) 1997-05-05 [30] DE (198 04 572.7) 1998-02-05</p>

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<p style="text-align: right;">[21] 2,288,828 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/16 6A61K 31/40 6A61K 31/65 [25] EN [54] KAPPA AGONIST ANTI-PRURITIC PHARMACEUTICAL FORMULATIONS AND METHOD OF TREATING PRURITUS THEREWITH [54] COMPOSITIONS PHARMACEUTIQUES ANTI-PRURITIQUES CONTENANT DES AGONISTES DE RECEPTEURS KAPPA ET PROCEDE DE TRAITEMENT DU PRURIT A L'AIDE DESDITES COMPOSITIONS [72] COWAN, ALAN, US [72] ZHANG, WEI YUAN, US [72] KUMAR, VIRENDRA, US [72] FARRAR, JOHN J., US [72] CHANG, AN-CHIH, US [71] ADOLOR CORPORATION, US [85] 1999-11-04 [86] 1998-06-19 (PCT/US98/12789) [87] 1999-01-28 (WO99/03459) [30] US (08/892,599) 1997-07-14 [30] US (09/064,695) 1998-04-22</p>	<p style="text-align: right;">[21] 2,288,831 [13] A1</p> <p>[51] Int.Cl. 6G01R 11/04 [25] EN [54] MODULAR SENSOR ARRAY, METERING DEVICE, MOUNTING AND CONNECTION BASE [54] RESEAU DE CAPTEURS MODULAIRE, DISPOSITIF DE MESURE, ET BASE DE MONTAGE ET DE RACCORDEMENT [72] REID, DREW A., US [71] SQUARE D COMPANY, US [85] 1999-11-03 [86] 1999-03-17 (PCT/US99/05874) [87] 1999-09-23 (WO99/47935) [30] US (09/044,042) 1998-03-18</p>	<p style="text-align: right;">[21] 2,288,834 [13] A1</p> <p>[51] Int.Cl. 6B23B 27/14 [25] EN [54] CUTTING INSERT FOR SHAPING BY CHIPPING [54] PLAQUETTE DE COUPE POUR USINAGE PAR ENLEVEMENT DE COPEAUX [72] KRUSZYNSKI, JACEK, DE [72] SCHUTT, HENRY, DE [72] MORLOCK, HELMUT, DE [72] HAIDINGER, HANS, DE [72] BAXIVANELIS, KONSTANTIN, DE [71] KOMET PRÄZISIONSWERKZEUGE ROBERT BREUNING GMBH, DE [85] 1999-11-08 [86] 1998-04-24 (PCT/EP98/02450) [87] 1998-11-19 (WO98/51438) [30] DE (197 20 022.2) 1997-05-13</p>
<p style="text-align: right;">[21] 2,288,829 [13] A1</p> <p>[51] Int.Cl. 6B24B 29/00 6A47L 13/16 [25] EN [54] APPARATUS AND METHOD FOR CLEANING AND FINISHING [54] APPAREIL ET PROCEDE DE NETTOYAGE ET DE FINISSAGE [72] SEVIGNY, CLAUDE, CA [72] HORNBY, DAVID M., US [71] MEGUIAR'S, INC., US [85] 1999-11-08 [86] 1998-05-08 (PCT/US98/09538) [87] 1998-11-12 (WO98/50198) [30] US (60/046,110) 1997-05-09</p>	<p style="text-align: right;">[21] 2,288,832 [13] A1</p> <p>[51] Int.Cl. 6B41J 2/045 6B41J 2/17 [25] EN [54] NON-RESONANT AND DECOUPLED DROPLET GENERATOR [54] GENERATEUR DE GOUTTES DECOUPLE ET NON RESONNANT [72] SACHS, EMANUEL M., US [72] SERDY, JAMES G., US [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US [85] 1999-11-02 [86] 1998-05-07 (PCT/US98/09341) [87] 1998-11-19 (WO98/51505) [30] US (08/856,515) 1997-05-15</p>	<p style="text-align: right;">[21] 2,288,835 [13] A1</p> <p>[51] Int.Cl. 6H01H 71/10 [25] EN [54] PHASE BARRIER FOR USE IN A MULTIPHASE CIRCUIT BREAKER [54] BARRIERE DE PHASES, UTILE DANS UN DISJONCTEUR POLYPHASE [72] NICCOLLS, RICHARD W., US [72] BROGHAMMER, WILLIAM J., US [72] OPHAUG, DARRELL P., US [71] SQUARE D COMPANY, US [85] 1999-11-03 [86] 1999-03-24 (PCT/US99/06278) [87] 1999-09-30 (WO99/49489) [30] US (09/047,923) 1998-03-25</p>
<p style="text-align: right;">[21] 2,288,833 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/445 [25] EN [54] PERIPHERALLY ACTING ANTI-PRURITIC OPIATES [54] OPIACES ANTI-PRURITIQUES A ACTION PERIPHERIQUE [72] FARRAR, JOHN J., US [72] COWAN, ALAN, US [71] ADOLOR CORPORATION, US [85] 1999-11-04 [86] 1998-06-19 (PCT/US98/12831) [87] 1999-01-28 (WO99/03472) [30] US (08/892,194) 1997-07-14</p>	<p style="text-align: right;">[21] 2,288,837 [13] A1</p> <p>[51] Int.Cl. 6H04L 9/30 [25] EN [54] IMPROVED METHOD AND APPARATUS FOR PROTECTING PUBLIC KEY SCHEMES FROM TIMING AND FAULT ATTACKS [54] PROCEDE ET DISPOSITIF AMELIORES PERMETTANT DE PROTEGER LES LOGIQUES DE CLES PUBLIQUES CONTRE LES ATTAQUES BASEES SUR LA SEQUENCE DES OPERATIONS ET LES FAUTES [72] SHAMIR, ADI, IL [71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL [85] 1999-11-08 [86] 1998-05-12 (PCT/US98/09593) [87] 1998-11-19 (WO98/52319) [30] US (08/854,464) 1997-05-12</p>	

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,288,838 [13] A1</p> <p>[51] Int.Cl. 6E02B 7/00 [25] EN [54] DAMMING DEVICE FOR RECTING A LIQUID-DAMMING PROTECTIVE BANK [54] DISPOSITIF D'ENDIGUEMENT PERMETTANT L'ERECTION D'UNE DIGUE DE PROTECTION POUR L'ENDIGUEMENT DE FLUIDES [72] MELIN, SIGURD, SE [71] MELIN, SIGURD, SE [85] 1999-11-04 [86] 1998-03-26 (PCT/SE98/00547) [87] 1998-11-19 (WO98/51865) [30] SE (9701742-0) 1997-05-12</p>	<p style="text-align: right;">[21] 2,288,842 [13] A1</p> <p>[51] Int.Cl. 6B25B 23/16 [25] EN [54] RATCHET WRENCH WITH MULTI-POSITION RATCHET HEAD [54] CLE A CLIQUET AVEC TETE A CLIQUET MULTIPPOSITIONS [72] HOFF, JEFFREY H., US [72] WENTE, STEVEN R., US [72] KRIVEC, BERT, US [71] SNAP-ON TOOLS COMPANY, US [85] 1999-11-02 [86] 1999-03-12 (PCT/US99/05544) [87] 1999-09-16 (WO99/46088) [30] US (09/042,431) 1998-03-13</p>	<p style="text-align: right;">[21] 2,288,846 [13] A1</p> <p>[51] Int.Cl. 6F16G 11/06 [25] EN [54] TWO-PIECE BOLT AND SADDLE FOR WIRE ROPE CLIPS [54] ENSEMBLE DOUBLE BOULONS ET SELLETTES POUR SERRE-CABLE [72] POSTELWAIT, LARRY L., US [71] THE CROSBY GROUP, INC., US [85] 1999-11-02 [86] 1998-04-15 (PCT/US98/07601) [87] 1999-02-25 (WO99/09335) [30] US (08/911,747) 1997-08-15</p>
<p style="text-align: right;">[21] 2,288,839 [13] A1</p> <p>[51] Int.Cl. 6F22B 1/18 [25] EN [54] AN IMPROVED HEAT EXCHANGER FOR OPERATING WITH A COMBUSTION TURBINE IN EITHER A SIMPLE CYCLE OR A COMBINED CYCLE [54] ECHANGEUR THERMIQUE AMELIORE DESTINE A FONCTIONNER EN ASSOCIATION AVEC UNE TURBINE A GAZ SOIT EN CYCLE SIMPLE SOIT EN CYCLE COMBINE [72] CLOYD, SCOTT THORSTEN, US [72] WILLIS, SCOTT CUTLER, US [71] SIEMENS WESTINGHOUSE POWER CORPORATION, US [85] 1999-11-02 [86] 1999-03-01 (PCT/US99/04458) [87] 1999-09-10 (WO99/45321) [30] US (09/034,655) 1998-03-03</p>	<p style="text-align: right;">[21] 2,288,844 [13] A1</p> <p>[51] Int.Cl. 6H02G 7/14 [25] EN [54] VIBRATION DAMPERS [54] AMORTISSEUR DE VIBRATIONS [72] MURPHY, MAURICE WILLIAM, US [71] THE MORGAN CRUCIBLE COMPANY PLC, GB [85] 1999-11-08 [86] 1998-05-13 (PCT/GB98/01361) [87] 1998-11-26 (WO98/53542) [30] GB (9710789.0) 1997-05-23 [30] GB (9714497.6) 1997-07-09</p>	<p style="text-align: right;">[21] 2,288,847 [13] A1</p> <p>[51] Int.Cl. 6H01M 4/62 6H01M 4/56 [25] EN [54] IMPROVED BATTERY PASTE COMPOSITIONS AND ELECTROCHEMICAL CELLS FOR USE THEREWITH [54] COMPOSITIONS DE PATE A BATTERIE AMELIOREES ET CELLULES ELECTROCHIMIQUES UTILISEES AVEC CELLES-CI [72] OLSON, JOHN B., US [71] OPTIMA BATTERIES, INC., US [85] 1999-11-08 [86] 1997-12-30 (PCT/US97/24197) [87] 1998-11-12 (WO98/50971) [30] US (08/853,377) 1997-05-08</p>
<p style="text-align: right;">[21] 2,288,841 [13] A1</p> <p>[51] Int.Cl. 6B07C 5/00 [25] EN [54] METHOD AND APPARATUS FOR SORTING PRODUCT [54] PROCEDE ET APPAREIL DE TRIAGE DE PRODUITS [72] BRANDT, ROBERT OTTO JR., US [72] COLOMBOWALA, KAIZAR HASHIM, US [72] NOVAK, THOMAS JOSEPH, US [72] PEETS, ROY A., US [71] UNCLE BEN'S, INC., US [85] 1999-11-08 [86] 1998-05-08 (PCT/US98/09619) [87] 1998-11-12 (WO98/50174) [30] US (08/853,299) 1997-05-09</p>	<p style="text-align: right;">[21] 2,288,845 [13] A1</p> <p>[51] Int.Cl. 6A22C 11/10 [25] EN [54] MEAT EMULSION PUMP CONTROL SYSTEM FOR MEAT ENCASING MACHINE, AND METHOD OF USE THEREOF [54] SYSTEME DE COMMANDE DE POMPE A EMULSION DE PRODUITS CARNES POUR MACHINE DE REPLISSAGE DE BOYAU PAR DES PRODUITS CARNES ET PROCEDE D'UTILISATION [72] SIMPSON, MICHAEL S., US [72] HAMBLIN, DAVID, US [72] HERGOTT, STEVEN P., US [72] VELDKAMP, BRENT M., US [71] TOWNSEND ENGINEERING COMPANY, US [85] 1999-11-04 [86] 1998-05-22 (PCT/US98/10397) [87] 1998-11-26 (WO98/52420) [30] US (60/047,487) 1997-05-23 [30] US (08/959,583) 1997-10-29 [30] US (09/004,361) 1998-01-08</p>	<p style="text-align: right;">[21] 2,288,848 [13] A1</p> <p>[51] Int.Cl. 6B60T 1/087 [25] EN [54] HYDRODYNAMIC MECHANICAL COMPOUND TRANSMISSION [54] BOITE DE VITESSES COMPOUND HYDRODYNAMIQUE-MECANIQUE [72] KORNER, TILLMANN, DE [72] NITSCHKE, MARTIN, DE [72] BECKE, MARTIN, DE [71] VOITH TURBO GMBH & CO. KG, DE [85] 1999-11-04 [86] 1999-03-04 (PCT/EP99/01386) [87] 1999-09-10 (WO99/44871) [30] DE (198 09 467.1) 1998-03-06 [30] DE (298 03 792.0) 1998-03-06</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,288,849 [13] A1</p> <p>[51] Int.Cl. 6D21F 7/00 [25] EN [54] METHOD AND DEVICE IN THREADING OF PAPER WEB [54] PROCEDE ET DISPOSITIF D'ENFILAGE D'UNE BANDE DE PAPIER [72] SALMINEN, KARI, FI [72] KOIVUKUNNAS, PEKKA, FI [71] VALMET CORPORATION, FI [85] 1999-11-08 [86] 1998-05-25 (PCT/FI98/00433) [87] 1998-12-03 (WO98/54407) [30] FI (972228) 1997-05-27</p>	<p style="text-align: right;">[21] 2,288,855 [13] A1</p> <p>[51] Int.Cl. 6A47G 27/04 [25] EN [54] SYSTEM FOR STRETCHING A CARPET [54] SYSTEME POUR TENDRE UNE MOQUETTE [72] MEDWIN, STEVEN JAY, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-11-04 [86] 1998-06-16 (PCT/US98/12599) [87] 1998-12-30 (WO98/58575) [30] US (08/879,939) 1997-06-20</p>	<p style="text-align: right;">[21] 2,288,858 [13] A1</p> <p>[51] Int.Cl. 6C04B 20/10 6C04B 26/02 6C08K 9/08 [25] EN [54] METHOD OF PREPARING EXFOLIATED VERMICULITE FOR THE MANUFACTURE OF A FINISHED PRODUCT [54] PROCEDE DE PREPARATION D'UNE VERMICULITE EXPANSEE PERMETTANT LA FABRICATION D'UN PRODUIT FINI [72] SYMONS, MICHAEL WINDSOR, ZA [71] WINDSOR TECHNOLOGIES LIMITED, BH [85] 1999-11-08 [86] 1998-06-12 (PCT/GB98/01712) [87] 1998-12-17 (WO98/56729) [30] ZA (97/5200) 1997-06-12 [30] ZA (97/6291) 1997-07-16 [30] ZA (98/2638) 1998-03-30</p>
<p style="text-align: right;">[21] 2,288,850 [13] A1</p> <p>[51] Int.Cl. 6C07D 217/04 6C07D 401/12 6A61K 31/47 [25] EN [54] SUBSTITUTED TETRAHYDROISOQUINOLINE DERIVATIVES AS MODULATORS OF DOPAMINE D3 RECEPTORS [54] DERIVES DE TETRAHYDROISOQUINOLEINE DERIVES SUBSTITUES SERVANT DE MODULATEURS DE RECEPTEURS DE LA DOPAMINE D3 [72] STEMP, GEOFFREY, GB [72] JOHNSON, CHRISTOPHER NORBERT, GB [71] SMITHKLINE BEECHAM P.L.C., GB [85] 1999-11-08 [86] 1998-04-28 (PCT/EP98/02584) [87] 1998-11-19 (WO98/51671) [30] GB (9709303.3) 1997-05-09</p>	<p style="text-align: right;">[21] 2,288,856 [13] A1</p> <p>[51] Int.Cl. 6D21F 7/00 [25] EN [54] METHOD AND DEVICE IN PAPER WEB TRANSFER [54] PROCEDE ET DISPOSITIF DE TRANSFERT D'UNE BANDE DE PAPIER [72] KOIVUKUNNAS, PEKKA, FI [72] SALMINEN, KARI, FI [71] VALMET CORPORATION, FI [85] 1999-11-08 [86] 1998-05-25 (PCT/FI98/00432) [87] 1998-12-03 (WO98/54406) [30] FI (972227) 1997-05-27</p>	<p style="text-align: right;">[21] 2,288,860 [13] A1</p> <p>[51] Int.Cl. 6G01R 22/04 6G01R 21/02 [25] EN [54] MEASUREMENT OF MICROWAVE RADIATION [54] MESURE DE RAYONNEMENT MICRO-ONDES [72] CHESTERFIELD, STEWART ROBERT, GB [72] BUDD, CHRISTOPHER, GB [71] MATRA BAE DYNAMICS (UK) LIMITED, GB [85] 1999-11-08 [86] 1998-05-08 (PCT/GB98/01333) [87] 1998-11-19 (WO98/52058) [30] GB (9709299.3) 1997-05-09</p>
<p style="text-align: right;">[21] 2,288,852 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/12 6A23L 1/30 6A23L 2/52 [25] EN [54] ANTIALLERGIC AGENTS [54] AGENTS ANTI-ALLERGIQUES [72] KATO, IKUNOSHIN, JP [72] TOMINAGA, TAKANARI, JP [72] HAGIYA, MICHIO, JP [72] NISHIYAMA, EIJI, JP [72] KOYAMA, NOBUTO, JP [71] TAKARA SHUZO CO., LTD., JP [85] 1999-11-04 [86] 1998-03-18 (PCT/JP98/01150) [87] 1999-01-14 (WO99/01119) [30] JP (9/190785) 1997-07-02</p>	<p style="text-align: right;">[21] 2,288,857 [13] A1</p> <p>[51] Int.Cl. 6C08F 12/04 [25] EN [54] IMPROVED ACID CATALYZED POLYMERIZATION [54] PERFECTIONNEMENT DE POLYMERISATION CATALYSEE PAR UN ACIDE [72] PIKE, WILLIAM C., US [72] PRIDDY, DUANE B., US [71] THE DOW CHEMICAL COMPANY, US [85] 1999-11-08 [86] 1998-04-24 (PCT/US98/08392) [87] 1999-01-07 (WO99/00432) [30] US (60/050,829) 1997-06-26</p>	

Demandes PCT entrant en phase nationale

[21] **2,288,861**
[13] A1

[51] **Int.Cl. 6B41J 2/025**
[25] EN
[54] **A DROPLET GENERATOR FOR A CONTINUOUS STREAM INK JET PRINT HEAD**
[54] **GENERATEUR DE GOUTTELETTES POUR TETE D'IMPRESSION A JET D'ENCRE CONTINU**
[72] SHERMAN, NIGEL EDWARD, GB
[72] EAST, AMANDA HAZELL, GB
[72] PANNU, SUKBIR SINGH, GB
[72] MARTIN, GRAHAM DAGNALL, GB
[71] VIDEOJET SYSTEMS INTERNATIONAL, INC., US
[85] 1999-11-08
[86] 1998-04-29 (PCT/GB98/01254)
[87] 1998-11-19 (WO98/51503)
[30] GB (9709462.7) 1997-05-09

[21] **2,288,863**
[13] A1

[51] **Int.Cl. 6C08L 33/10 6C08F 285/00 6C08L 51/00 6C08F 265/06**
[25] EN
[54] **RESIN COMPOSITION CONTAINING MULTILAYERED GRAFT POLYMER**
[54] **COMPOSITION DE RESINE CONTENANT UN POLYMERE GREFFE MULTICOUCHE**
[72] NAGATA, NORIO, JP
[72] TAKAKI, AKIRA, JP
[72] SUGAYA, TAKAHIKO, JP
[71] KANEKA CORPORATION, JP
[85] 1999-11-02
[86] 1999-04-22 (PCT/JP99/02153)
[87] 1999-11-04 (WO99/55779)
[30] JP (117220/1998) 1998-04-27

[21] **2,288,864**
[13] A1

[51] **Int.Cl. 6C22C 38/18**
[25] EN
[54] **STAINLESS STEEL PRODUCT HAVING ENHANCED ANTIBACTERIAL ACTION AND METHOD FOR PRODUCING THE SAME**
[54] **PRODUIT EN ACIER INOXYDABLE POSSEDANT UNE ACTION ANTIBACTERIENNE AMELIOREE ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] SATOH, SUSUMU, JP
[72] YOKOTA, TAKESHI, JP
[72] HASUNO, SADA0, JP
[72] TOCHIHARA, MISAKO, JP
[71] KAWASAKI STEEL CORPORATION, JP
[85] 1999-11-02
[86] 1999-03-15 (PCT/JP99/01239)
[87] 1999-09-23 (WO99/47721)
[30] JP (65924/1998) 1998-03-16

[21] **2,288,865**
[13] A1

[51] **Int.Cl. 6B32B 27/32 6C09J 123/08 6C08L 23/08 6B65D 65/40**
[25] EN
[54] **ETHYLENE/STYRENE POLYMER SEALANT LAYER FOR USE IN LIQUID PACKAGING**
[54] **COUCHE DE SCELLEMENT CONSTITUEE D'UN POLYMERE ETHYLENE-STYRENE POUR LE CONDITIONNEMENT DE LIQUIDES**
[72] SMILLIE, BENJAMIN ANDREW, CA
[71] DUPONT CANADA INC., CA
[85] 1999-11-02
[86] 1998-04-29 (PCT/CA98/00424)
[87] 1998-11-12 (WO98/50230)
[30] US (60/045,517) 1997-05-02
[30] US (09/064,662) 1998-04-23

[21] **2,288,866**
[13] A1

[51] **Int.Cl. 6E04B 1/26**
[25] EN
[54] **HOUSE FRAMING AND APPARATUS FOR MANUFACTURING SUCH FRAMING**
[54] **OSSATURE DE MAISON ET APPAREIL DE FABRICATION D'UNE TELLE OSSATURE**
[72] HUPPUNEN, ERKKI, FI
[71] HUPPUNEN, ERKKI, FI
[85] 1999-11-02
[86] 1998-05-06 (PCT/FI98/00385)
[87] 1998-11-12 (WO98/50645)
[30] FI (971928) 1997-05-06

[21] **2,288,867**
[13] A1

[51] **Int.Cl. 6E04C 3/34**
[25] EN
[54] **COMPOSITE STEEL/CONCRETE COLUMN**
[54] **COLONNE COMPOSITE EN ACIER/BETON**
[72] VINCENT, RICHARD, CA
[71] LE GROUPE CANAM MANAC INC., CA
[85] 1999-11-02
[86] 1998-05-14 (PCT/CA98/00480)
[87] 1998-11-19 (WO98/51883)
[30] CA (2,206,830) 1997-05-15

[21] **2,288,868**
[13] A1

[51] **Int.Cl. 6C12N 9/99 6C07D 307/00 6C07D 309/00 6C07D 321/00 6C07D 335/00 6C07D 333/02 6C07D 335/02 6A01N 43/02 6C07D 319/06 6A01N 43/06 6A01N 43/08 6C07D 333/12 6A01N 43/16 6A01N 43/18 6C07D 333/22 6C07D 307/48 6C12N 9/50**
[25] EN
[54] **PROTEASE INHIBITORS**
[54] **INHIBITEURS DE PROTEASES**
[72] MARQUIS, ROBERT W., US
[72] WITHERINGTON, JASON, GB
[72] VEBER, DANIEL FRANK, US
[72] GRIBBLE, ANDREW D., GB
[72] FENWICK, ASHLEY EDWARD, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 1999-11-02
[86] 1998-05-06 (PCT/US98/03200)
[87] 1998-11-12 (WO98/50533)
[30] US (60/045,758) 1997-05-06

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[21] **2,288,869**
[13] A1
[51] **Int.Cl. 6G01N 33/543 6G01N 33/52 6G01N 33/569 6G01N 33/571 6G01N 33/576**
[25] EN
[54] **RAPID CONFIRMATORY TEST FOR MICROBIAL INFECTIONS**
[54] **TEST DE CONFIRMATION RAPIDE D'INFECTIONS MICROBIENNES**
[72] CHILDS, MARY ANN, US
[72] LOVCHIK, JANECE, US
[72] BERNSTEIN, DAVID, US
[72] CHOWDURY, MOHAMMED A., US
[71] UNIVERSAL HEALTHWATCH, INC., US
[85] 1999-11-04
[86] 1999-02-26 (PCT/US99/04175)
[87] 1999-09-10 (WO99/45395)
[30] US (60/076,748) 1998-03-04

[21] **2,288,870**
[13] A1
[51] **Int.Cl. 6A61K 7/00**
[25] EN
[54] **COSMETIC COMPOSITIONS CONTAINING SMECTITE GELS**
[54] **COMPOSITIONS COSMETIQUES RENFERMANT DES GELS DE SMECTITE**
[72] PAHLCK, HAROLD E., US
[72] FLEISSMAN, LEONA GIAT, US
[71] AVON PRODUCTS, INC., US
[85] 1999-11-02
[86] 1998-05-01 (PCT/US98/09006)
[87] 1998-11-12 (WO98/50003)
[30] US (08/853,992) 1997-05-09

[21] **2,288,871**
[13] A1
[51] **Int.Cl. 6F16K 31/524 6F16K 43/00**
[25] EN
[54] **MODULAR VALVE ASSEMBLY**
[54] **ENSEMBLE SOUPAPE MODULAIRE**
[72] RUSSELL, ROBERT L., US
[71] RUSSELL, ROBERT L., US
[85] 1999-11-02
[86] 1997-05-02 (PCT/US97/07436)
[87] 1998-11-12 (WO98/50718)

[21] **2,288,872**
[13] A1
[51] **Int.Cl. 6A47L 23/26**
[25] EN
[54] **METHOD AND DEVICE FOR CLEANING SHOES, WHEELS AND ALL TYPES OF ROLLERS**
[54] **PROCEDE ET DISPOSITIF POUR NETTOYER DES CHAUSSURES, AINSI QUE DES ROUES ET DES ROULETTES DE TOUT TYPE**
[72] SPALTMANN, DIRK, DE
[72] HOLTKAMP, VIOLA, DE
[72] BERG, GUNTHER, DE
[71] 2R REHA-TECHNIK GMBH, DE
[85] 1999-11-05
[86] 1998-05-07 (PCT/DE98/01279)
[87] 1998-11-12 (WO98/49989)
[30] DE (197 20 769.3) 1997-05-07

[21] **2,288,873**
[13] A1
[51] **Int.Cl. 6H04Q 11/04**
[25] EN
[54] **SHORT PACKET CIRCUIT EMULATION**
[54] **DONNEES D'EMULATION DE CIRCUIT EN PETITS PAQUETS**
[72] WESTBERG, LARS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-11-05
[86] 1998-04-24 (PCT/SE98/00750)
[87] 1998-11-12 (WO98/51114)
[30] US (08/851,714) 1997-05-06

[21] **2,288,874**
[13] A1
[51] **Int.Cl. 6H05B 41/392 6H02M 7/48**
[25] EN
[54] **GAS DISCHARGE LAMP DRIVE CIRCUITRY**
[54] **CIRCUIT D'EXCITATION D'UNE LAMPE A DECHARGE**
[72] MULLENGER, JOHN, GB
[72] AARONS, DAVID JOHN, GB
[71] AARONS, DAVID JOHN, GB
[85] 1999-11-05
[86] 1998-05-07 (PCT/GB98/01155)
[87] 1998-11-12 (WO98/51134)
[30] GB (9709075.7) 1997-05-07

[21] **2,288,875**
[13] A1
[51] **Int.Cl. 6G01R 22/00 6G01R 21/133 6G01R 11/56**
[25] EN
[54] **PROGRAMMABLE MONITORING DEVICE FOR ELECTRIC CONSUMPTION**
[54] **DISPOSITIF DE SURVEILLANCE PROGRAMMABLE DE CONSOMMATION ELECTRIQUE**
[72] RODILLA SALA, VINCENTE, ES
[71] RODILLA SALA, VINCENTE, ES
[85] 1999-11-05
[86] 1998-05-08 (PCT/ES98/00131)
[87] 1998-11-12 (WO98/50797)
[30] ES (P 9700990) 1997-05-08

[21] **2,288,876**
[13] A1
[51] **Int.Cl. 6A61K 9/16 6A61K 45/06 6A61K 47/48**
[25] EN
[54] **DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENTS**
[72] LIU, ZHI, CA
[72] WU, XIAO YU, CA
[71] LIU, ZHI, CA
[71] WU, XIAO YU, CA
[85] 1999-11-05
[86] 1998-05-06 (PCT/CA98/00419)
[87] 1998-11-12 (WO98/50018)
[30] US (60/045,710) 1997-05-06

[21] **2,288,877**
[13] A1
[51] **Int.Cl. 6H02J 1/00 6H02J 3/00 6H01F 38/14**
[25] EN
[54] **INDUCTIVE POWER TRANSFER ACROSS AN EXTENDED GAP**
[54] **TRANSFERT D'ENERGIE INDUCTIF A TRAVERS UN ESPACE ETENDU**
[72] BOYS, JOHN TALBOT, NZ
[71] AUCKLAND UNISERVICES LIMITED, NZ
[85] 1999-11-05
[86] 1998-05-04 (PCT/NZ98/00053)
[87] 1998-11-12 (WO98/50993)
[30] NZ (314754) 1997-05-06

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<p style="text-align: right;">[21] 2,288,878 [13] A1</p> <p>[51] Int.Cl. 6B21C 37/30 6C21D 9/08 6C21D 7/12 6B29C 45/40 [25] EN [54] METHOD OF MANUFACTURING EJECTOR PIN SLEEVES [54] PROCEDE DE FABRICATION DE DOUILLES DE GOUPILLES D'EJECTEURS [72] LAWRENCE, DAVID E., US [71] D-M-E COMPANY, US [85] 1999-11-08 [86] 1997-09-05 (PCT/US97/15601) [87] 1998-11-26 (WO98/53107) [30] US (08/858,744) 1997-05-19</p>	<p style="text-align: right;">[21] 2,288,881 [13] A1</p> <p>[51] Int.Cl. 6A61K 38/17 [25] EN [54] PREVENTIVES AND/OR REMEDIES FOR SEPSIS [54] MEDICAMENTS PREVENTIFS ET/OU CURATIFS CONTRE LA SEPTICEMIE [72] TANI, TOHRU, JP [72] KONDO, HIROYUKI, JP [71] SNOW BRAND MILK PRODUCTS CO., LTD., JP [85] 1999-11-08 [86] 1999-03-19 (PCT/JP99/01373) [87] 1999-09-23 (WO99/47155) [30] JP (10/70914) 1998-03-19</p>	<p style="text-align: right;">[21] 2,288,884 [13] A1</p> <p>[51] Int.Cl. 6B25B 13/46 [25] EN [54] ERGONOMIC HANDLE AND DRIVER INCORPORATING SAME [54] MANCHE ERGONOMIQUE ET OUTIL A MAIN AVEC LEDIT MANCHE [72] RITTMANN-GASPERI, NANCY C., US [72] WENTE, STEVEN R., US [71] SNAP-ON TOOLS COMPANY, US [85] 1999-11-01 [86] 1999-03-12 (PCT/US99/05542) [87] 1999-09-23 (WO99/47308) [30] US (09/040,708) 1998-03-18</p>
<p style="text-align: right;">[21] 2,288,879 [13] A1</p> <p>[51] Int.Cl. 6D21H 17/72 [25] EN [54] METHOD FOR TREATING A LIGNOCELLULOSIC MATERIAL [54] PROCEDE PERMETTANT DE TRAITER UNE SUBSTANCE LIGNOCELLULOSIQUE [72] SYMONS, MICHAEL WINDSOR, ZA [71] WINDSOR TECHNOLOGIES LIMITED, BS [85] 1999-11-08 [86] 1998-06-12 (PCT/GB98/01715) [87] 1998-12-17 (WO98/56989) [30] ZA (97/5200) 1997-06-12 [30] ZA (97/6291) 1997-07-16 [30] ZA (98/2638) 1998-03-30</p>	<p style="text-align: right;">[21] 2,288,882 [13] A1</p> <p>[51] Int.Cl. 6F01C 13/02 6F01N 3/02 6H02K 7/14 [25] EN [54] AIR RATCHET HAND TOOL WITH THERMOPLASTIC JACKET [54] OUTIL A MAIN PNEUMATIQUE A CLIQUET [72] SMOLINSKI, GERALD J., US [72] LANDREE, DALE R., US [71] SNAP-ON TOOLS COMPANY, US [85] 1999-11-01 [86] 1999-03-01 (PCT/US99/04405) [87] 1999-09-10 (WO99/45239) [30] US (09/035,656) 1998-03-06</p>	<p style="text-align: right;">[21] 2,288,885 [13] A1</p> <p>[51] Int.Cl. 6H02N 2/00 [25] EN [54] ACTUATORS AND APPARATUS [54] ACTIONNEURS ET APPAREIL [72] ULLAKKO, KARI MARTTI, FI [71] ADAPTAMAT, ADAPTIVE MATERIALS TECHNOLOGY OY, FI [85] 1999-11-01 [86] 1999-03-03 (PCT/FI99/00163) [87] 1999-09-10 (WO99/45631) [30] FI (980500) 1998-03-03 [30] FI (980696) 1998-03-27 [30] FI (981501) 1998-06-30 [30] FI (981611) 1998-07-15 [30] FI (982407) 1998-11-06</p>
<p style="text-align: right;">[21] 2,288,880 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/00 [25] EN [54] SURFACE ANALYSIS USING GAUSSIAN BEAM PROFILES [54] ANALYSE DE SURFACE PAR PROFILS DE FAISCEAU D'INTENSITE GAUSSIENS [72] HOLCOMB, MATTHEW J., US [71] HOLCOMB, MATTHEW J., US [85] 1999-11-08 [86] 1998-05-06 (PCT/US98/09093) [87] 1998-11-12 (WO98/50779) [30] US (60/045,672) 1997-05-06</p>	<p style="text-align: right;">[21] 2,288,883 [13] A1</p> <p>[51] Int.Cl. 6F16K 31/00 [25] EN [54] TIP VALVE FOR PNEUMATIC TOOL [54] SOUPAPE D'EXTREMITE POUR OUTILS PNEUMATIQUES [72] PUSATERI, DANIEL S., US [71] SNAP-ON TOOLS COMPANY, US [85] 1999-11-01 [86] 1999-03-12 (PCT/US99/05543) [87] 1999-09-30 (WO99/49249) [30] US (09/044,942) 1998-03-20</p>	<p style="text-align: right;">[21] 2,288,886 [13] A1</p> <p>[51] Int.Cl. 6H01M 10/40 6H01M 10/44 [25] EN [54] METHODS OF FABRICATING ELECTROCHEMICAL CELLS [54] PROCEDES DE FABRICATION POUR CELLULES ELECTROCHIMIQUES [72] BARKER, JEREMY, US [72] COCHRAN, STEVEN D., US [71] VALENCE TECHNOLOGY, INC., US [85] 1999-11-01 [86] 1998-05-05 (PCT/US98/08972) [87] 1998-11-19 (WO98/52244) [30] US (08/857,025) 1997-05-15</p>

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[13] A1
[51] **Int.Cl. 6C11D 11/00 6C11D 3/00**
6C11D 1/02 6C11D 3/02 6C11D 3/43
6C11D 1/66 6C11D 1/83
[25] EN
[54] **CLEANING COMPOSITION,
METHODS, AND/OR ARTICLES FOR
HARD SURFACES**
[54] **COMPOSITIONS DE NETTOYAGE,
PROCEDES ET/OU ARTICLES POUR
SURFACES DURES**
[72] ROSELLE, BRIAN JOSEPH, US
[72] MOSTER, HEATHER LYNN, US
[71] THE PROCTER & GAMBLE
COMPANY, US
[85] 1999-11-01
[86] 1998-04-29 (PCT/IB98/00649)
[87] 1998-11-12 (WO98/50518)
[30] US (60/045,492) 1997-05-02

[21] **2,288,889**
[13] A1
[51] **Int.Cl. 6B29B 7/56**
[25] EN
[54] **MILL MIXING PROCESS FOR
COMPOUNDING GAS-PHASE
PRODUCED ELASTOMERS**
[54] **PROCEDE DE MELANGE EN
LAMINOIR POUR L'ELABORATION
EN PHASE GAZEUSE
D'ELASTOMERES MELANGES**
[72] ITALIAANDER, ERICH THOMAS,
NL
[71] UNION CARBIDE CHEMICALS &
PLASTICS TECHNOLOGY
CORPORATION, US
[85] 1999-11-01
[86] 1998-05-01 (PCT/US98/08923)
[87] 1998-11-12 (WO98/50210)
[30] US (08/850,166) 1997-05-02

[21] **2,288,892**
[13] A1
[51] **Int.Cl. 6G06F 15/163**
[25] EN
[54] **METHOD FOR PREVENTING
BUFFER DEADLOCK IN DATAFLOW
COMPUTATIONS**
[54] **PROCEDE PERMETTANT DE
PREVENIR UN INTERBLOCAGE DE
TAMPONS DANS DES CALCULS DE
FLUX DE DONNEES**
[72] STANFILL, CRAIG W., US
[72] LASSER, CLIFFORD A., US
[71] AB INITIO SOFTWARE
CORPORATION, US
[85] 1999-10-26
[86] 1998-04-28 (PCT/US98/08559)
[87] 1998-11-05 (WO98/49628)
[30] US (08/847,909) 1997-04-28

[21] **2,288,888**
[13] A1
[51] **Int.Cl. 6G02B 6/00**
[25] EN
[54] **FLUORINATED RARE EARTH
DOPED GLASS AND GLASS-CERAMIC
ARTICLES**
[54] **VERRE DOPE AUX TERRES
RARES FLUORE ET ARTICLES DE
VITROCERAMIQUE**
[72] TICK, PAUL A., US
[72] O'CONNELL, JOHN W., US
[72] CORNELIUS, LAUREN K., US
[72] BORRELLI, NICHOLAS F., US
[72] BANGE, JAMES C., US
[71] CORNING INCORPORATED, US
[85] 1999-11-01
[86] 1998-05-20 (PCT/US98/10594)
[87] 1998-12-03 (WO98/54607)
[30] US (60/047,711) 1997-05-27

[21] **2,288,890**
[13] A1
[51] **Int.Cl. 6A63G 21/18**
[25] EN
[54] **PARTICIPATORY WATER SLIDE
PLAY STRUCTURE**
[54] **TOBOGGAN AQUATIQUE
RECREATIF IMPLIQUANT LA
PARTICIPATION D'AUTRES
PARTICIPANTS**
[72] BRIGGS, RICK A., US
[71] BRIGGS, RICK A., US
[85] 1999-11-01
[86] 1998-04-10 (PCT/US98/07309)
[87] 1998-11-12 (WO98/50124)
[30] US (60/045,406) 1997-05-01
[30] US (08/914,672) 1997-08-19

[21] **2,288,893**
[13] A1
[51] **Int.Cl. 6C08F 210/16 6C08F 4/645**
[25] EN
[54] **OLEFIN POLYMERS PREPARED
WITH SUBSTITUTED INDENYL
CONTAINING METAL COMPLEXES**
[54] **POLYMERES D'OLEFINES
PREPARES AVEC DES COMPLEXES
DE METAUX CONTENANT DE
L'INDENYLE SUBSTITUEE**
[72] VANDERLENDE, DANIEL D., US
[72] STEVENS, JAMES C., US
[72] MANGOLD, DEBRA J., US
[72] PARIKH, DEEPAK R., US
[72] PATTON, JASSON T., US
[72] NICKIAS, PETER N., US
[72] KALE, LAWRENCE T., US
[71] THE DOW CHEMICAL COMPANY,
US
[85] 1999-10-27
[86] 1998-05-01 (PCT/US98/08859)
[87] 1998-11-05 (WO98/49211)
[30] US (60/045,410) 1997-05-01
[30] US (60/045,348) 1997-05-01

[21] **2,288,891**
[13] A1
[51] **Int.Cl. 6F21L 7/00**
[25] EN
[54] **CARD LIGHT**
[54] **CARTE EMETTRICE DE LUMIERE**
[72] FURTH, DAVID A., US
[72] LYNCH, PETER F., US
[72] DALTON, DAVID R., AU
[71] EVEREADY BATTERY COMPANY,
INC., US
[85] 1999-11-01
[86] 1998-05-01 (PCT/US98/08822)
[87] 1998-11-12 (WO98/50730)
[30] US (08/850,693) 1997-05-02

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[21] **2,288,895**
[13] A1

[51] **Int.Cl. 6A01H 4/00 6C12N 5/04 6C12N 5/14 6C12N 15/82 6C12N 15/84**
[25] EN
[54] **GENETICALLY ENGINEERED DUCKWEED**
[54] **LENTILLE D'EAU GENETIQUEMENT MISE AU POINT**
[72] STOMP, ANNE-MARIE, US
[72] RAJBHANDARI, NIRMALA, US
[71] NORTH CAROLINA STATE UNIVERSITY, US
[85] 1999-10-27
[86] 1998-08-11 (PCT/US98/16683)
[87] 1999-02-18 (WO99/07210)
[30] US (60/055,474) 1997-08-12

[21] **2,288,896**
[13] A1

[51] **Int.Cl. 6A61B 5/087**
[25] EN
[54] **PEAK FLOW MONITOR**
[54] **DISPOSITIF SERVANT A CONTROLER UN DEBIT DE POINTE**
[72] FOURIE, PIETER ROUSSEAU, ZA
[71] HARWILL INDUSTRIES (PTY) LTD., ZA
[85] 1999-10-27
[86] 1998-04-29 (PCT/GB98/01253)
[87] 1998-11-05 (WO98/48694)
[30] ZA (97/3679) 1997-04-29

[21] **2,288,897**
[13] A1

[51] **Int.Cl. 6A61K 31/135 6C07D 313/04 6C07D 305/08 6C07D 305/10 6C07D 309/14 6C07D 313/18 6C07D 307/22 6C07D 309/28 6C07D 307/30 6A61K 31/335 6A61K 31/34 6A61K 31/35 6C07C 211/42**
[25] EN
[54] **AMINOTETRALINS AS 5-HT1D.ALPHA. AGONISTS**
[54] **AMINOTETRALINES SERVANT D'AGONISTES DE 5-HT1D.ALPHA.**
[72] SCHAUS, JOHN MEHNERT, US
[72] WALKER, CLINT DUANE, US
[72] XU, YAO-CHANG, US
[71] ELI LILLY AND COMPANY, US
[85] 1999-10-27
[86] 1998-04-27 (PCT/US98/08436)
[87] 1998-11-05 (WO98/48786)
[30] US (08/846,399) 1997-04-30

[21] **2,288,898**
[13] A1

[51] **Int.Cl. 6C07H 15/24 6C07H 1/00**
[25] EN
[54] **PROCESS FOR PREPARING ETOPOSIDE**
[54] **PROCEDE DE PREPARATION D'ETOPOSIDE**
[72] VEMISHETTI, PURUSHOTHAM, US
[72] SILVERBERG, LEE JONATHAN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 1999-11-01
[86] 1998-04-17 (PCT/US98/07717)
[87] 1998-12-10 (WO98/55491)
[30] US (60/048,292) 1997-06-02

[21] **2,288,899**
[13] A1

[51] **Int.Cl. 6C07D 217/04 6C07D 471/04 6C07D 487/04 6C07D 495/04 6C07D 401/12 6C07D 405/12 6C07D 409/12 6C07D 413/12 6A61K 31/435**
[25] EN
[54] **TETRAHYDROISOQUINOLINE DERIVATIVES AS MODULATORS OF DOPAMINE D3 RECEPTORS**
[54] **DERIVES DE TETRAHYDROISOQUINOLINE COMME MODULATEURS DES RECEPTEURS D3 DE LA DOPAMINE**
[72] BRANCH, CLIVE LESLIE, GB
[72] STEMP, GEOFFREY, GB
[72] JOHNSON, CHRISTOPHER NORBERT, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 1999-11-01
[86] 1998-04-27 (PCT/EP98/02583)
[87] 1998-11-12 (WO98/50364)
[30] GB (9708976.7) 1997-05-03
[30] GB (9723294.6) 1997-11-04

[21] **2,288,900**
[13] A1

[51] **Int.Cl. 6H04M 11/08 6H04L 29/06 6H04N 7/173**
[25] EN
[54] **INTERACTIVE DISPLAY SYSTEM**
[54] **SYSTEME D'AFFICHAGE INTERACTIF**
[72] ELLISON, JULIAN GORING ARCHDALE, GB
[72] HANDLEY, JAMES WILLIAM, GB
[71] RED FIG LIMITED, GB
[85] 1999-11-01
[86] 1998-04-30 (PCT/GB98/01262)
[87] 1998-11-12 (WO98/51068)
[30] GB (9708928.8) 1997-05-01

[21] **2,288,901**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C12N 1/21 6A61K 31/70 6C07K 14/705 6C12N 15/86**
[25] EN
[54] **UNCOUPLING PROTEIN HOMOLOGUE: UCP 3**
[54] **HOMOLOGUE DE PROTEINE DE DECOUPLAGE: UCP3**
[72] GIACOBINO, JEAN-PAUL, CH
[72] BOSS, OLIVIER, CH
[72] MUZZIN, PATRICK, CH
[71] NOVARTIS AG, CH
[85] 1999-11-02
[86] 1998-05-05 (PCT/EP98/02645)
[87] 1998-11-12 (WO98/50542)
[30] CH (1072/97) 1997-05-07

[21] **2,288,902**
[13] A1

[51] **Int.Cl. 6A61L 27/00**
[25] EN
[54] **COMPOSITIONS FOR MORPHOGEN-INDUCED OSTEOGENESIS**
[54] **COMPOSITIONS POUR OSTEOGENESE INDUITE PAR DES AGENTS MORPHOGENETIQUES**
[72] RUEGER, DAVID C., US
[72] TUCKER, MARJORIE M., US
[71] STRYKER CORPORATION, US
[85] 1999-11-08
[86] 1998-05-15 (PCT/US98/09951)
[87] 1998-11-19 (WO98/51354)
[30] US (60/046,589) 1997-05-15
[30] US (09/039,107) 1998-03-14

[21] **2,288,903**
[13] A1

[51] **Int.Cl. 6B29C 55/02 6A01F 25/13**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING STRETCH WRAP PLASTIC FILM**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE FILM PLASTIQUE ETIRABLE POUR EMBALLAGE**
[72] JOHNSTONE, PETER, AU
[71] FIRST GREEN PARK PTY. LTD., AU
[85] 1999-11-01
[86] 1998-05-01 (PCT/AU98/00314)
[87] 1998-11-12 (WO98/50219)
[30] AU (PO 6563) 1997-05-01

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[21] **2,288,904**
[13] A1
[51] **Int.Cl. 6B23B 27/00**
[25] EN
[54] **THERMOPLASTIC MULTI-LAYER COMPOSITE STRUCTURE**
[54] **STRUCTURE COMPOSITE MULTICOUCHE THERMOPLASTIQUE**
[72] REEVES, CHARLIE, US
[72] CRANE, STEPHEN, US
[71] BRUNSWICK CORPORATION, US
[85] 1999-10-25
[86] 1998-04-24 (PCT/US98/08294)
[87] 1998-11-05 (WO98/48962)
[30] US (08/846,143) 1997-04-25

[21] **2,288,905**
[13] A1
[51] **Int.Cl. 6D01F 6/12**
[25] EN
[54] **VINYLDIENE FLUORIDE RESIN MONOFILAMENT AND FISHING LINE PREPARED THEREFROM**
[54] **MONOFILAMENT EN RESINE AU FLUORURE DE VINYLDIENE ET FIL DE PECHE PREPARE AVEC CE DERNIER**
[72] OHIRA, SEIICHI, JP
[72] SATO, SUGURU, JP
[72] MUNAKATA, KAZUYUKI, JP
[72] MIZUNO, FUMIYA, JP
[71] KUREHA CHEMICAL INDUSTRY CO., LTD., JP
[85] 1999-10-22
[86] 1998-04-23 (PCT/JP98/01864)
[87] 1998-10-29 (WO98/48087)
[30] JP (9/120360) 1997-04-23

[21] **2,288,906**
[13] A1
[51] **Int.Cl. 6A61M 29/00**
[25] EN
[54] **ANTEGRADE CARDIOPLEGIA CATHETER AND METHOD**
[54] **CATHETER DESTINE A PROVOQUER UNE CARDIOPLEGIE ANTEROGRADE ET TECHNIQUE AFFERENTE**
[72] STEVENS, JOHN H., US
[72] ST.GOAR, FREDERICK G., US
[72] GIFFORD, HANSON S., III, US
[72] GRIFFITH, BARTLEY P., US
[71] HEARTPORT, INC., US
[85] 1999-10-22
[86] 1998-04-22 (PCT/US98/08174)
[87] 1998-10-29 (WO98/47558)
[30] US (08/839,189) 1997-04-23

[21] **2,288,907**
[13] A1
[51] **Int.Cl. 6H04B 3/46**
[25] EN
[54] **AN ARRANGEMENT IN A SUBSCRIBER LINE INTERFACE CIRCUIT**
[54] **CONFIGURATION D'UN CIRCUIT D'INTERFACE DE LIGNE D'ABONNE**
[72] MALMGREN, CARL-HENRIK, SE
[72] HELLBERG, HENRIK, SE
[72] EMERICKS, ANDERS, SE
[72] ISRAELSSON, MATTIAS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-10-22
[86] 1998-04-21 (PCT/SE98/00722)
[87] 1998-10-29 (WO98/48525)
[30] SE (9701524-2) 1997-04-23

[21] **2,288,908**
[13] A1
[51] **Int.Cl. 6B05B 7/04**
[25] EN
[54] **SPRAY GUN**
[54] **PISTOLET PULVERISATEUR**
[72] JONSSON, PEDER, SE
[71] APLICATOR SYSTEM AB, SE
[85] 1999-10-22
[86] 1998-04-17 (PCT/SE98/00704)
[87] 1998-10-29 (WO98/47625)
[30] SE (9701541-6) 1997-04-23

[21] **2,288,909**
[13] A1
[51] **Int.Cl. 6F25D 13/06 6A23L 3/36**
[25] EN
[54] **METHOD AND APPARATUS FOR SURFACE FREEZING**
[54] **PROCEDE ET APPAREIL DE CONGELATION SUPERFICIELLE**
[72] MALMBERG, JONNY, SE
[72] OLSSON, LENNART, SE
[71] FRIGOSCANDIA EQUIPMENT AB, SE
[85] 1999-10-22
[86] 1998-04-23 (PCT/SE98/00735)
[87] 1998-11-05 (WO98/49505)
[30] SE (9701550-7) 1997-04-25

[21] **2,288,910**
[13] A1
[51] **Int.Cl. 6C07D 487/04 6C07D 401/06 6C07D 231/40 6A61K 31/415 6A61K 31/505**
[25] EN
[54] **PYRAZOLOPYRIMIDINONES WHICH INHIBIT TYPE 5 CYCLIC GUANOSINE 3',5'-MONOPHOSPHATE PHOSPHODIESTERASE (CGMP PDE5) FOR THE TREATMENT OF SEXUAL DYSFUNCTION**
[54] **PYRAZOLOPYRIMIDINONES INHIBANT LA PHOSPHODIESTERASE D'ACIDE GUANOSINE-3'5'-MONOPHOSPHATE CYCLIQUE (CGMP PDE5) S'UTILISANT POUR TRAITER DES DYSFONCTIONS SEXUELLES**
[72] BUNNAGE, MARK EDWARD, GB
[72] STREET, STEPHEN DEREK ALBERT, GB
[72] WOOD, ANTHONY, GB
[72] MATHIAS, JOHN PAUL, GB
[71] PFIZER INC., US
[85] 1999-10-22
[86] 1998-04-10 (PCT/EP98/02257)
[87] 1998-11-05 (WO98/49166)
[30] GB (9708406.5) 1997-04-25
[30] GB (9715380.3) 1997-07-22
[30] GB (9722954.6) 1997-10-30

[21] **2,288,911**
[13] A1
[51] **Int.Cl. 6H01J 37/06**
[25] EN
[54] **APPARATUS AND METHOD FOR A MODULAR ELECTRON BEAM SYSTEM FOR THE TREATMENT OF SURFACES**
[54] **DISPOSITIF ET PROCEDE POUR SYSTEME A FAISCEAU ELECTRONIQUE MODULAIRE APPLICABLE AU TRAITEMENT DE SURFACE**
[72] WAKALOPULOS, GEORGE, US
[71] AMERICAN INTERNATIONAL TECHNOLOGIES, INC., US
[85] 1999-10-22
[86] 1998-04-10 (PCT/US98/07253)
[87] 1998-10-29 (WO98/48442)
[30] US (08/845,513) 1997-04-24

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<p style="text-align: right;">[21] 2,288,912 [13] A1</p> <p>[51] Int.Cl. 6H01L 21/60 6H05K 3/34 [25] EN [54] METHOD OF MANUFACTURING A PATTERNED ARRAY OF SOLDER BUMPS [54] PROCEDE SERVANT A FABRIQUER UN ENSEMBLE STRUCTURE DE GLOBULES DE SOUDURE [72] MCCOLLAM, ROBERT P., US [72] SCHUELLER, RANDOLPH D., US [72] KOSKENMAKI, DAVID C., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-10-22 [86] 1998-05-04 (PCT/US98/09066) [87] 1998-11-26 (WO98/53494) [30] US (08/862,804) 1997-05-23</p>	<p style="text-align: right;">[21] 2,288,927 [13] A1</p> <p>[51] Int.Cl. 6A61N 1/00 [25] EN [54] METHODS AND APPARATUS FOR PORTABLE DELIVERY OF ELECTRICAL PHYSICAL THERAPY MODALITIES TO A PATIENT [54] PROCEDES ET DISPOSITIF PORTABLE PERMETTANT DE PRATIQUER LA PHYSIOTHERAPIE ELECTRIQUE SUR UN PATIENT [72] BOCK, CHRISTOPHER, US [72] GEIST, STEVEN, US [71] BOCK, CHRISTOPHER, US [71] GEIST, STEVEN, US [85] 1999-11-05 [86] 1998-05-06 (PCT/US98/09304) [87] 1998-11-12 (WO98/50107) [30] US (60/045,775) 1997-05-06</p>	<p style="text-align: right;">[21] 2,288,931 [13] A1</p> <p>[51] Int.Cl. 6F26B 13/30 6F25C 1/00 6F26B 5/06 6F25C 5/14 [25] EN [54] SYSTEM AND METHOD FOR CHANNELED FREEZE PROCESSING OF NON-SOLID MATERIALS [54] SYSTEME A CANAUX ET PROCEDE DE CONDITIONNEMENT DE MATIERES NON SOLIDES PAR CONGELATION [72] SCHERER, FRANK J., US [72] SCHERER, J. STIRLING, US [71] SIR WORLDWIDE, LLC, US [85] 1999-11-05 [86] 1998-05-08 (PCT/US98/09433) [87] 1998-11-19 (WO98/51980) [30] US (08/854,581) 1997-05-12</p>
<p style="text-align: right;">[21] 2,288,913 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/00 [25] EN [54] MEMBRANE SYSTEM FOR CONTROLLED TISSUE REGENERATION IN CASES OF DISEASES OF THE PERIDONTIUM [54] SYSTEME DE MEMBRANE POUR LA REGENERATION CONTROLEE DE TISSUS DANS LE CAS D'AFFECTIONS DU PARODONTE [72] LAMPERT, FRIEDRICH, DE [72] GRÄBER, HANS GEORG, DE [71] LAMPERT, FRIEDRICH, DE [71] GRÄBER, HANS GEORG, DE [85] 1999-10-22 [86] 1998-04-17 (PCT/DE98/01089) [87] 1998-10-29 (WO98/47480) [30] DE (197 16 815.9) 1997-04-22 [30] DE (197 48 688.6) 1997-11-04</p>	<p style="text-align: right;">[21] 2,288,928 [13] A1</p> <p>[51] Int.Cl. 6A23L 3/005 6A23L 3/04 6A23L 3/08 6H05B 6/10 [25] EN [54] INDUCTIVE HEATING METHOD AND APPARATUS [54] PROCEDE ET DISPOSITIF DE CHAUFFAGE PAR INDUCTION [72] RUTLEDGE, PETER JOHN, AU [71] RUTLEDGE, PETER JOHN, AU [85] 1999-11-05 [86] 1998-05-08 (PCT/AU98/00335) [87] 1998-11-12 (WO98/49908) [30] AU (PO 6695) 1997-05-08</p>	<p style="text-align: right;">[21] 2,288,932 [13] A1</p> <p>[51] Int.Cl. 6G01B 5/24 6G01B 7/30 [25] EN [54] COMPENSATION FOR UNDESIRED ANGLE DEVIATIONS ARISING DURING VEHICLE WHEEL ALIGNMENT OPERATIONS [54] COMPENSATION DES DEVIATIONS NON DESIREES SURVENANT AU COURS DES OPERATIONS DE REGLAGE DE LA GEOMETRIE D'UN VEHICULE [72] O'MAHONY, PATRICK BRENDAN, IE [72] GILL, GEORGE MICHAEL, US [72] WALCHUK, DONALD, US [71] SNAP-ON TECHNOLOGIES, INC., US [85] 1999-11-05 [86] 1998-06-03 (PCT/US98/11511) [87] 1998-12-10 (WO98/55827) [30] US (08/868,741) 1997-06-04</p>
<p style="text-align: right;">[21] 2,288,926 [13] A1</p> <p>[51] Int.Cl. 6F26B 3/06 6F28D 21/00 6F28F 13/06 6C10L 9/08 6F28C 3/12 6F26B 3/20 [25] EN [54] ENHANCED HEAT TRANSFER SYSTEM [54] SYSTEME DE TRANSFERT THERMIQUE AMELIORE [72] CONOCHIE, DAVID STEWART, AU [71] KFX INC., US [85] 1999-11-05 [86] 1998-05-06 (PCT/AU98/00324) [87] 1998-11-12 (WO98/50743) [30] AU (PO 6632) 1997-05-07</p>	<p style="text-align: right;">[21] 2,288,930 [13] A1</p> <p>[51] Int.Cl. 6B65B 25/14 6B65B 59/02 [25] EN [54] DEVICE FOR AUTOMATIC BUNDLING OF SHEETS [54] DISPOSITIF POUR LA MISE EN PAQUETS AUTOMATIQUE DE PRODUITS EN FEUILLES [72] FRANK, ULRICH, DE [72] STOLL, RAINER, DE [72] LINCK, RALF, DE [72] KRONBAUER, HERMANN, DE [71] GIESECKE & DEVRIENT GMBH, DE [85] 1999-11-05 [86] 1998-05-06 (PCT/EP98/02672) [87] 1998-11-12 (WO98/50272) [30] DE (197 19 239.4) 1997-05-07</p>	<p style="text-align: right;">[21] 2,288,933 [13] A1</p> <p>[51] Int.Cl. 6C08F 2/38 [25] EN [54] POLYMERISATION REACTIONS UNDER MINIEMULSION CONDITIONS [54] REACTIONS DE POLYMERISATION DANS DES CONDITIONS DE MINI-EMULSION [72] KUKULJ, DAX, AU [72] GILBERT, ROBERT, AU [72] DAVIS, THOMAS, AU [71] UNISEARCH LIMITED, AU [85] 1999-11-05 [86] 1998-05-08 (PCT/AU98/00337) [87] 1998-11-12 (WO98/50436) [30] AU (PO 6696) 1997-05-08</p>

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[21] **2,288,934**
[13] A1

[51] **Int.Cl. 6B01D 29/44 6E02B 8/02 6B01D 29/03**
[25] EN
[54] **BAR SCREEN WITH ROTATING RAKES**
[54] **GRILLE A BARREAUX POUR VUE DE RATEAUX ROTATIFS**
[72] MAHR, GERNOT, AT
[71] HEADWORKS INC., US
[85] 1999-11-05
[86] 1997-05-06 (PCT/IB97/00880)
[87] 1998-11-12 (WO98/50132)

[21] **2,288,935**
[13] A1

[51] **Int.Cl. 6A61F 2/80**
[25] EN
[54] **DUAL DUROMETER SILICONE LINER FOR PROSTHESIS**
[54] **REVETEMENT SILICONE DOUBLE A DURETE REGULEE POUR PROTHESE**
[72] KRISTINSSON, OSSUR, IS
[72] JANUSSON, HILMAR BR., IS
[71] OSSUR HF, IS
[71] OSSUR USA, INC., US
[85] 1999-11-05
[86] 1998-05-06 (PCT/US98/08975)
[87] 1998-11-12 (WO98/49977)
[30] US (60/045,704) 1997-05-06

[21] **2,288,936**
[13] A1

[51] **Int.Cl. 6B01D 11/04 6B01D 11/02**
[25] FR
[54] **PROCEDE ET INSTALLATION D'UNE RESOLUTION D'UN MELANGE**
[54] **PROCESS AND APPARATUS FOR A MIXTURE RESOLUTION**
[72] CHARZAT, CLAUDE, FR
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR
[71] CHARZAT, CLAUDE, FR
[85] 1999-10-05
[86] 1997-04-07 (PCT/FR97/00620)
[87] 1998-10-15 (WO98/45015)

[21] **2,288,937**
[13] A1

[51] **Int.Cl. 6H01M 4/58**
[25] FR
[54] **MATERIAU D'ELECTRODE POSITIVE A BASE D'OXYSULFURE DE TITANE POUR GENERATEUR ELECTROCHIMIQUE ET SON PROCEDE DE PREPARATION**
[54] **POSITIVE ELECTRODE MATERIAL BASED ON TITANIUM OXYSULPHIDE FOR ELECTROCHEMICAL GENERATOR AND METHOD FOR MAKING SAME**
[72] MEUNIER, GEORGES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 1999-10-19
[86] 1998-04-21 (PCT/FR98/00799)
[87] 1998-10-29 (WO98/48467)
[30] FR (97/04960) 1997-04-22

[21] **2,288,938**
[13] A1

[51] **Int.Cl. 6G07F 7/02**
[25] FR
[54] **CARTE A PUCE MUNIE D'UN DISPOSITIF DE COMPTAGE**
[54] **CHIP CARD EQUIPPED WITH A COUNTER DEVICE**
[72] KIRIK, JEAN-PAUL, CA
[72] COOREMAN, PASCAL, FR
[71] GEMPLUS S.C.A., FR
[85] 1999-11-01
[86] 1998-04-30 (PCT/FR98/00881)
[87] 1998-11-12 (WO98/50893)
[30] FR (97/05475) 1997-05-02

[21] **2,288,939**
[13] A1

[51] **Int.Cl. 6C07C 17/278 6C07C 19/08**
[25] FR
[54] **PROCEDE DE PREPARATION DE 1,1,1,3,3-PENTACHLOROBUTANE**
[54] **METHOD FOR PREPARING 1,1,1,3,3-PENTACHLOROBUTANE**
[72] JANSSENS, FRANCINE, BE
[72] MATHIEU, VÉRONIQUE, BE
[72] SCHOEBRECHTS, JEAN-PAUL, BE
[71] SOLVAY (SOCIÉTÉ ANONYME), BE
[85] 1999-11-01
[86] 1998-04-28 (PCT/EP98/02585)
[87] 1998-11-12 (WO98/50329)
[30] BE (9700399) 1997-05-05
[30] BE (9700669) 1997-08-08
[30] BE (9800140) 1998-02-24

[21] **2,288,940**
[13] A1

[51] **Int.Cl. 6C07C 17/278 6C07C 19/01 6B01J 31/02 6C07C 17/275**
[25] FR
[54] **PROCEDE DE PREPARATION D'HYDROCARBURES HALOGENES**
[54] **METHOD FOR PREPARING HALOGENATED HYDROCARBONS**
[72] JANSSENS, FRANCINE, BE
[72] MATHIEU, VÉRONIQUE, BE
[71] SOLVAY (SOCIÉTÉ ANONYME), BE
[85] 1999-11-01
[86] 1998-04-28 (PCT/EP98/02586)
[87] 1998-11-12 (WO98/50330)
[30] BE (9700399) 1997-05-05
[30] BE (9700669) 1997-08-08
[30] BE (9800141) 1998-02-24

[21] **2,288,941**
[13] A1

[51] **Int.Cl. 6F25D 3/10 6A23B 4/09 6A23L 3/375**
[25] FR
[54] **PROCEDE ET INSTALLATION DE REFROIDISSEMENT DU CONTENU D'UNE ENCEINTE**
[54] **METHOD AND INSTALLATION FOR COOLING THE CONTENTS OF A CHAMBER**
[72] GAFFET, LUC, FR
[72] CLOAREC, ALAIN, FR
[71] L' AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD., FR
[85] 1999-11-02
[86] 1998-05-26 (PCT/FR98/01044)
[87] 1998-12-17 (WO98/57106)
[30] FR (97/07165) 1997-06-10

[21] **2,288,942**
[13] A1

[51] **Int.Cl. 6H04R 3/00**
[25] FR
[54] **TERMINAL DE RADIOTELECOMMUNICATION**
[54] **RADIO TELECOMMUNICATION TERMINAL**
[72] ATTIMONT, LUC, FR
[72] BODIN, JANNICK, FR
[71] ALCATEL, FR
[85] 1999-11-04
[86] 1999-03-04 (PCT/FR99/00489)
[87] 1999-09-10 (WO99/45743)
[30] FR (98/02684) 1998-03-05

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[21] **2,288,943**
[13] A1

[51] **Int.Cl. 6C12N 15/29 6A61K 48/00 6A61K 38/16 6C12N 15/62 6C12N 15/70 6C12N 15/86**
[25] EN
[54] **RICIN-LIKE TOXIN VARIANTS FOR TREATMENT OF CANCER, VIRAL OR PARASITIC INFECTIONS**
[54] **VARIANTES DE TOXINES DE TYPE RICIN DESTINEES AU TRAITEMENT D'INFECTIONS CANCEREUSES, VIRALES OU PARASITAIRES**
[72] BORGFORD, THOR, CA
[71] DE NOVO ENZYME CORPORATION, CA
[85] 1999-10-28
[86] 1998-04-30 (PCT/CA98/00394)
[87] 1998-11-05 (WO98/49311)
[30] US (60/045,148) 1997-04-30
[30] US (60/063,715) 1997-10-29

[21] **2,288,944**
[13] A1

[51] **Int.Cl. 6C12N 15/31 6C07K 16/12 6C07K 14/315 6C12Q 1/68**
[25] EN
[54] **ENTEROCOCCUS FAECALIS POLYNUCLEOTIDES AND POLYPEPTIDES**
[54] **POLYNUCLEOTIDES ET POLYPEPTIDES D'ENTEROCOCCUS FAECALIS**
[72] KUNSCH, CHARLES A., US
[72] DILLON, PATRICK J., US
[72] BARASH, STEVEN C., US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 1999-11-05
[86] 1998-05-04 (PCT/US98/08985)
[87] 1998-11-12 (WO98/50555)
[30] US (60/044,031) 1997-05-06
[30] US (60/046,655) 1997-05-16
[30] US (60/066,009) 1997-11-14

[21] **2,288,946**
[13] A1

[51] **Int.Cl. 6C12N 15/11 6C07H 21/00 6A61K 45/06 6A61K 31/70**
[25] EN
[54] **MODIFIED ANTISENSE NUCLEOTIDES COMPLEMENTARY TO A SECTION OF THE HUMAN HA-RAS GENE**
[54] **NUCLEOTIDES ANTISENS MODIFIES COMPLEMENTAIRES D'UNE SECTION DU GENE HUMAIN HA-RAS**
[72] PIROLLO, KATHLEEN, US
[72] RAIT, ANTONINA, US
[72] UHLMANN, EUGEN, DE
[72] CHANG, ESTHER, US
[72] WILL, DAVID WILLIAM, DE
[72] PEYMAN, ANUSCHIRWAN, DE
[71] HOECHST MARION ROUSSEL DEUTSCHLAND GMBH, DE
[85] 1999-11-03
[86] 1998-04-30 (PCT/EP98/02546)
[87] 1998-11-12 (WO98/50540)
[30] DE (97107404.2) 1997-05-05

[21] **2,288,955**
[13] A1

[51] **Int.Cl. 6F41A 17/74 6F41A 17/56**
[25] FR
[54] **ARME A FEU MUNIE D'UN DISPOSITIF DE SECURITE RAPIDE ET DISPOSITIF DE SECURITE EN KIT**
[54] **FIREARM EQUIPPED WITH A QUICK SAFETY DEVICE AND SAFETY DEVICE KIT**
[72] HUBERT, ROBERT, BE
[72] HUBERT, LÉON, BE
[71] R.D.I.H. SPRL, BE
[85] 1999-11-05
[86] 1998-05-14 (PCT/BE98/00069)
[87] 1998-11-19 (WO98/51984)
[30] BE (9700427) 1997-05-15

[21] **2,288,956**
[13] A1

[51] **Int.Cl. 6A61M 11/00 6A61F 9/00 6B05B 15/08**
[25] EN
[54] **DEVICE FOR DISPENSING A FLUID OR POWDERY PRODUCT AT A DISTANCE**
[54] **DISPOSITIF POUR DISTRIBUER UN PRODUIT FLUIDE OU PULVERULENT A UNE DISTANCE PREDETERMINEE**
[72] BEDOS, MICHEL, FR
[72] ARGHYRIS, LAURENT, FR
[71] SANOFI-SYNTHELABO, FR
[85] 1999-07-19
[86] 1998-01-19 (PCT/FR98/00087)
[87] 1998-07-23 (WO98/31412)
[30] FR (97/00541) 1997-01-20

[21] **2,288,957**
[13] A1

[51] **Int.Cl. 6G01D 5/353 6G01K 5/52**
[25] EN
[54] **MULTIPARAMETER FIBER OPTIC SENSOR FOR USE IN HARSH ENVIRONMENTS**
[54] **CAPTEUR A FIBRES OPTIQUES A PARAMETRES MULTIPLES DESTINE A ETRE UTILISE DANS DES ENVIRONNEMENTS RUDES**
[72] KERSEY, ALAN D., US
[72] MARON, ROBERT J., US
[71] CIDRA CORPORATION, US
[85] 1999-07-20
[86] 1998-01-20 (PCT/US98/01046)
[87] 1998-07-23 (WO98/31987)
[30] US (08/786,704) 1997-01-21

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[21] **2,288,958**
[13] A1

[51] **Int.Cl. 6A61K 9/127 6A61K 38/13 6A61K 31/41**
[25] EN
[54] **PHARMACEUTICAL PREPARATION COMPRISING LYOPHILIZED LIPOSOMES ENCAPSULATING AN ACTIVE PRINCIPLE WHICH IS HIGHLY INSOLUBLE IN WATER, AND THE PROCESS FOR PREPARING THE SAID PREPARATION**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES LIPOSOMES LYOPHILISES ENCAPSULANT UN PRINCIPE ACTIF ESSENTIELLEMENT INSOLUBLE DANS L'EAU, ET PROCEDE DE PREPARATION DE CETTE COMPOSITION**
[72] MARCHITTO, LEONARDO, IT
[72] CAVALLO, GIOVANNI, IT
[71] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT
[85] 1999-08-17
[86] 1998-02-12 (PCT/EP98/00817)
[87] 1998-08-27 (WO98/36736)
[30] IT (MI97A00362) 1997-02-20

[21] **2,288,959**
[13] A1

[51] **Int.Cl. 6G01V 1/52**
[25] FR
[54] **SONDE DE TYPE SISMIQUE COMPORTANT UN DETECTEUR SISMIQUE ET UN DETECTEUR DU CHAMP MAGNETIQUE TERRESTRE**
[54] **SEISMIC PROBE COMPRISING A SEISMIC SENSOR AND EARTH MAGNETIC FIELD SENSOR**
[72] CRENNER, FRANCIS, FR
[72] BIGARRE, PASCAL, FR
[72] CAMUS, PHILIPPE, FR
[71] INSTITUT NATIONAL DE L'ENVIRONNEMENT INDUSTRIEL ET DES RISQUES, FR
[85] 1999-11-05
[86] 1998-05-20 (PCT/FR98/01001)
[87] 1998-11-26 (WO98/53345)
[30] FR (97/06426) 1997-05-22

[21] **2,288,961**
[13] A1

[51] **Int.Cl. 6B64C 27/35 6B64C 27/45 6B64C 27/48**
[25] FR
[54] **PALE DE ROTOR, NOTAMMENT POUR LE ROTOR ARRIERE ANTICOUPLÉ D'UN HELICOPTERE**
[54] **ROTOR BLADE, IN PARTICULAR FOR HELICOPTER ANTITORQUE TAIL ROTOR**
[72] MOUILLE, RENÉ, FR
[71] MOUILLE, RENÉ, FR
[85] 1999-11-05
[86] 1999-03-16 (PCT/FR99/00581)
[87] 1999-09-23 (WO99/47417)
[30] FR (98 03172) 1998-03-16

[21] **2,288,966**
[13] A1

[51] **Int.Cl. 6A61K 31/195**
[25] EN
[54] **PREVENTIVES AND REMEDIES FOR ULCEROUS COLITIS AND/OR CROHN'S DISEASE**
[54] **MEDICAMENTS DE PREVENTION OU DE TRAITEMENT DE LA RECTO-COLITE HEMORRAGIQUE ET/OU DE LA MALADIE DE CROHN**
[72] ISHIZUKA, MASAOKI, JP
[72] TAKEUCHI, TOMIO, JP
[72] SHIRAIISHI, TADAYOSHI, JP
[72] FUKUSHIMA, MASAKAZU, JP
[72] MAEDA, KENJI, JP
[71] ZAIDAN HOJIN BISEIBUTSU KAGAKU KENKYU KAI, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 1999-10-07
[86] 1998-04-08 (PCT/JP98/01614)
[87] 1998-10-15 (WO98/44916)
[30] JP (9/90688) 1997-04-09

[21] **2,288,968**
[13] A1

[51] **Int.Cl. 6A61K 47/14**
[25] EN
[54] **PERMUCOUS PREPARATION**
[54] **PREPARATION ABSORBABLE PAR LES MUQUEUSES**
[72] HASHIMOTO, MITSUO, JP
[72] NAKANISHI, SEIKI, JP
[72] YAZAKI, TAKASHI, JP
[71] MITSUBISHI-TOKYO PHARMACEUTICALS, INC., JP
[85] 1999-10-12
[86] 1998-04-13 (PCT/JP98/01679)
[87] 1998-10-22 (WO98/46269)
[30] JP (9/95618) 1997-04-14

[21] **2,288,969**
[13] A1

[51] **Int.Cl. 6G01N 1/14 6G01N 1/18 6G01N 1/24**
[25] EN
[54] **METHOD AND APPARATUS FOR SAMPLING CONTAMINANTS**
[54] **PROCEDE ET APPAREIL D'ECHANTILLONNAGE DE CONTAMINANTS**
[72] BUECHLER, SAM S., IL
[72] ORNATH, FREDY, IL
[71] R.A.Y. DETECTION TECHNOLOGIES LTD., IL
[85] 1999-10-13
[86] 1998-06-09 (PCT/US98/11805)
[87] 1998-12-17 (WO98/57140)
[30] US (08/873,394) 1997-06-12

[21] **2,288,970**
[13] A1

[51] **Int.Cl. 6A61K 9/16**
[25] EN
[54] **USE OF MICROPARTICLES HAVING A PROTEIN AND AN ANTIBODY ADSORBED THEREON FOR PREPARING A PHARMACEUTICAL COMPOSITION FOR INTRANASAL ADMINISTRATION**
[54] **UTILISATION DE MICROPARTICULES COMPORTANT UNE PROTEINE ET UN ANTICORPS ADSORBE SUR CETTE DERNIERE POUR LA PREPARATION D'UNE COMPOSITION PHARMACEUTIQUE A ADMINISTRATION INTRANASALE**
[72] PORTA, CRISTINA, IT
[72] CREMASCHI, DARIO, IT
[71] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT
[85] 1999-10-13
[86] 1998-04-08 (PCT/EP98/02214)
[87] 1998-10-22 (WO98/46209)
[30] IT (MI97A000856) 1997-04-14

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[21] **2,288,971**
[13] A1

[51] **Int.Cl. 6C07K 14/245 6A61K 39/108 6C07K 1/22**
[25] EN
[54] **METHOD OF RECOVERING SHIGA-LIKE TOXINS AND VACCINES COMPRISING INACTIVATED SHIGA-LIKE TOXIN**
[54] **PROCEDE DE RECUPERATION DE TOXINES DU TYPE SHIGA ET VACCINS COMPRENANT UNE TOXINE DU TYPE SHIGA INACTIVEE**
[72] ARMSTRONG, GLEN D., CA
[72] VANMAELE, ROSA, CA
[71] SYNORB BIOTECH, INC., CA
[85] 1999-10-27
[86] 1998-05-06 (PCT/CA98/00433)
[87] 1998-12-03 (WO98/54215)
[30] US (08/866,921) 1997-05-30

[21] **2,288,972**
[13] A1

[51] **Int.Cl. 6G02B 27/14 6G02B 17/00 6A01J 7/00 6G01N 21/88**
[25] EN
[54] **VIEWING APPARATUS**
[54] **APPAREIL D'OBSERVATION VISUELLE**
[72] STIRLING, HUGH GERALD, GB
[72] ROSS, DAVID WILLIAM, GB
[71] BTG INTERNATIONAL LIMITED, GB
[85] 1999-10-28
[86] 1998-05-14 (PCT/GB98/01383)
[87] 1998-11-19 (WO98/52087)
[30] GB (9709738.0) 1997-05-14

[21] **2,288,973**
[13] A1

[51] **Int.Cl. 6A61B 5/0402**
[25] EN
[54] **A SYSTEM AND METHOD FOR DETECTING AND LOCATING HEART DISEASE**
[54] **SYSTEME ET METHODE POUR DETECTER ET LOCALISER UNE MALADIE CARDIAQUE**
[72] LIU, HAI XIANG, US
[72] FANG, DAN QUN, US
[71] FANG, DAN QUN, US
[85] 1999-11-03
[86] 1999-02-19 (PCT/US99/03666)
[87] 1999-09-10 (WO99/44500)
[30] US (09/035,476) 1998-03-05

[21] **2,288,974**
[13] A1

[51] **Int.Cl. 6C07K 14/37 6C07K 14/375 6C07K 14/38 6C07K 14/385 6C07K 14/39 6C07K 14/395 6C07K 14/40 6C12N 15/52 6G01N 33/573**
[25] EN
[54] **IPC SYNTHASE GENES FROM FUNGI**
[54] **GENES DE IPC SYNTHASE FONGIQUE**
[72] RADDING, JEFFREY ALAN, US
[72] HEIDLER, STEVEN ALAN, US
[71] ELI LILLY AND COMPANY, US
[85] 1999-10-15
[86] 1998-04-14 (PCT/US98/07757)
[87] 1998-10-22 (WO98/46639)
[30] US (60/043,591) 1997-04-15
[30] US (60/044,095) 1997-04-22
[30] US (60/046,348) 1997-05-13
[30] US (60/053,320) 1997-07-21
[30] US (60/062,971) 1997-10-17

[21] **2,288,975**
[13] A1

[51] **Int.Cl. 6B29C 37/00 6B29C 33/46**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVAL OF BIOPOLYMER CONSTRUCTS FROM SUPPORT STRUCTURES**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETACHER DES CONSTRUCTIONS BIOPOLYMERES DE STRUCTURES DE SUPPORT**
[72] FOFONOFF, TIMOTHY W., US
[72] BELL, EUGENE, US
[71] TISSUE ENGINEERING, INC., US
[85] 1999-11-03
[86] 1998-05-06 (PCT/US98/09248)
[87] 1998-11-12 (WO98/50213)
[30] US (08/851,626) 1997-05-06

[21] **2,288,976**
[13] A1

[51] **Int.Cl. 6C12N 15/00 6A01H 1/00 6A01H 3/00 6A01H 5/00 6C12N 15/09 6C12N 15/29 6C12N 15/82**
[25] EN
[54] **PHYTOCHROME REGULATED TRANSCRIPTION FACTOR FOR CONTROL OF HIGHER PLANT DEVELOPMENT**
[54] **FACTEUR DE TRANSCRIPTION REGULE PAR LES PHYTOCHROMES POUR MAITRISER UNE CROISSANCE PROLONGEE DES PLANTES**
[72] SUN, LIN, US
[72] TOBIN, ELAINE, US
[72] WANG, ZHI-YONG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 1999-10-15
[86] 1998-04-17 (PCT/US98/07693)
[87] 1998-10-29 (WO98/48007)
[30] US (08/843,572) 1997-04-18

[21] **2,288,977**
[13] A1

[51] **Int.Cl. 6A61K 31/66**
[25] EN
[54] **USE OF DIPHOSPHONIC ACIDS OR THE PHYSIOLOGICALLY ACCEPTABLE SALTS OR ESTERS THEREOF IN THE PREVENTIVE TREATMENT OF AFTER-EFFECTS RESULTING FROM ENLARGEMENT OR REPLACEMENT OF THE BLADDER**
[54] **UTILISATION D'ACIDES DIPHOSPHONIQUES OU DE LEURS SELS OU ESTERS PHYSIOLOGIQUEMENT TOLERABLES POUR LE TRAITEMENT PREVENTIF DES SEQUELLES TARDIVES EN CAS D'AGRANDISSEMENT VESICAL OU DE REMPLACEMENT VESICAL**
[72] BRKOVIC, DRASKO, DE
[72] BAUSS, FRIEDER, DE
[71] ROCHE DIAGNOSTICS GMBH, DE
[85] 1999-11-03
[86] 1998-05-08 (PCT/EP98/02712)
[87] 1998-11-19 (WO98/51314)
[30] DE (197 19 680.2) 1997-05-09

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[21] **2,288,978**
[13] A1

[51] **Int.Cl. 6G01N 33/02 6G01N 33/03 6G01N 33/53 6G01N 33/566**
[25] EN
[54] **METHODS FOR IDENTIFYING LIGANDS FOR NUCLEAR HORMONE RECEPTORS**
[54] **PROCEDE D'IDENTIFICATION DE LIGANDS POUR RECEPTEURS D'HORMONES NUCLEAIRES**
[72] FORMAN, BARRY MARC, US
[72] EVANS, RONALD M., US
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[85] 1999-10-27
[86] 1998-04-01 (PCT/US98/06446)
[87] 1998-11-05 (WO98/49555)
[30] US (08/846,620) 1997-04-29

[21] **2,288,981**
[13] A1

[51] **Int.Cl. 6B01D 17/12**
[25] EN
[54] **END-OF-LIFE INDICATOR FOR WATER TREATMENT DEVICE**
[54] **INDICATEUR DE FIN DE VIE POUR DISPOSITIF DE TRAITEMENT DE L'EAU**
[72] STIGGELBOURT, JOHN, US
[72] HUANG, ALEXANDER, US
[72] FAYRAM, RICHARD, US
[71] THE CLOROX COMPANY, US
[85] 1999-11-03
[86] 1998-05-01 (PCT/US98/08949)
[87] 1998-11-12 (WO98/50130)
[30] US (08/851,774) 1997-05-06

[21] **2,288,984**
[13] A1

[51] **Int.Cl. 6B01L 3/02 6G01N 35/10 6G01N 1/12 6G01N 31/20**
[25] EN
[54] **SYSTEM AND MANUFACTURING OF SMALL VOLUME TRANSFERER**
[54] **SYSTEME ET PRODUCTION DE DISPOSITIF DE TRANSFERT DE PETITS VOLUMES**
[72] CARRE, ALAIN, FR
[72] BIRCH, WILLIAM, FR
[72] FRANCOIS, ERIC, FR
[71] CORNING INCORPORATED, US
[85] 1999-11-02
[86] 1998-06-01 (PCT/US98/11102)
[87] 1998-12-23 (WO98/57747)
[30] FR (97/07466) 1997-06-17
[30] US (60/053,971) 1997-07-28

[21] **2,288,979**
[13] A1

[51] **Int.Cl. 6B01J 8/22 6C10G 2/00**
[25] EN
[54] **SLURRY HYDROCARBON SYNTHESIS WITH EXTERNAL PRODUCT FILTRATION**
[54] **SYNTHESE D'HYDROCARBURES EN SUSPENSION ASSOCIEE A UNE FILTRATION EXTERNE DES PRODUITS**
[72] CHANG, MIN, US
[72] DEGEORGE, CHARLES W., US
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US
[85] 1999-11-03
[86] 1998-05-15 (PCT/US98/09941)
[87] 1998-11-19 (WO98/51407)
[30] US (08/857,604) 1997-05-16

[21] **2,288,982**
[13] A1

[51] **Int.Cl. 6A61K 47/00**
[25] EN
[54] **METHODS FOR PREVENTING AND TREATING THE INSULT-INDUCED METABOLIC IMBALANCE IN HUMANS AND OTHER ANIMALS**
[54] **METHODES DE PREVENTION ET DE TRAITEMENT DU DESEQUILIBRE METABOLIQUE INDUIT PAR INSULTE CHEZ LES HUMAINS ET DES ANIMAUX**
[72] KRUZEL, MARIAN L., US
[72] CASTRO, GILBERT A., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 1999-11-02
[86] 1998-04-30 (PCT/US98/09053)
[87] 1998-11-12 (WO98/50076)
[30] US (60/045,521) 1997-05-03

[21] **2,288,985**
[13] A1

[51] **Int.Cl. 6B41M 3/14**
[25] EN
[54] **SECURITY DOCUMENT CONTAINING ENCODED DATA BLOCK**
[54] **DOCUMENT DE SECURITE CONTENANT UNE LEGENDE CODEE**
[72] MOWRY, WILLIAM H., JR., US
[71] THE STANDARD REGISTER COMPANY, US
[85] 1999-11-02
[86] 1998-06-09 (PCT/US98/11938)
[87] 1998-12-17 (WO98/56589)
[30] US (08/872,883) 1997-06-11

[21] **2,288,980**
[13] A1

[51] **Int.Cl. 6A46B 15/00 6A63B 57/00 6B08B 1/00**
[25] EN
[54] **GOLF IRON BRUSH**
[54] **DISPOSITIF DE BROSSAGE POUR TETE DE CLUB DE GOLF EN FER**
[72] BRUCE, CRAIG, US
[71] BRUCE, CRAIG, US
[85] 1999-11-03
[86] 1998-05-01 (PCT/US98/08935)
[87] 1998-11-12 (WO98/49919)
[30] US (60/045,611) 1997-05-05
[30] US (09/002,047) 1997-12-31

[21] **2,288,983**
[13] A1

[51] **Int.Cl. 6A61K 31/73 6A61F 2/00 6C08B 37/08**
[25] EN
[54] **COVALENTLY LINKED N,O-CARBOXYMETHYLCHITOSAN AND USES THEREOF**
[54] **N, O-CARBOXYMETHYL-CHITOSANE A LIAISON COVALENTE ET SES APPLICATIONS**
[72] ELSON, CLIVE M., CA
[71] CHITOGENICS, INC., US
[85] 1999-11-03
[86] 1998-05-04 (PCT/US98/09001)
[87] 1998-11-12 (WO98/50050)
[30] US (08/852,005) 1997-05-06

[21] **2,288,986**
[13] A1

[51] **Int.Cl. 6A61K 31/395**
[25] EN
[54] **BETA-LACTAM INHIBITORS OF COA-IT**
[54] **INHIBITEURS BETA-LACTAMINE DE COA-IT (TRANSACYLASE INDEPENDANTE DE COENZYME A)**
[72] WINKLER, JAMES DAVID, US
[72] BONDINELL, WILLIAM E., US
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 1999-11-03
[86] 1998-05-08 (PCT/US98/09483)
[87] 1998-11-12 (WO98/50032)
[30] US (60/046,080) 1997-05-09

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[21] **2,288,987**
[13] A1

[51] **Int.Cl. 6C23C 14/34 6C25F 3/00 6B08B 3/12 6B44C 1/22**
[25] EN
[54] **METHOD OF REDUCING SPUTTERING BURN-IN TIME, MINIMIZING SPUTTERED PARTICULATE, AND TARGET ASSEMBLY THEREFOR**
[54] **TECHNIQUE VISANT A REDUIRE LE TEMPS DE FORMAGE D'UNE CIBLE POUR PULVERISATION, A MINIMISER LA QUANTITE PARTICULAIRE PULVERISEE, ET CIBLE A CET EFFET**
[72] DUNLOP, JOHN A., US
[72] FELDEWERTH, GERALD B., US
[72] GOLDSTEIN, MICHAEL, US
[72] SCHITTNY, STEPHAN, US
[72] SHIM, CARI, US
[71] INTEL CORPORATION, US
[71] MATERIALS RESEARCH CORPORATION, US
[85] 1999-11-02
[86] 1998-05-04 (PCT/US98/08961)
[87] 1998-11-12 (WO98/50598)
[30] US (08/850,707) 1997-05-02

[21] **2,288,988**
[13] A1

[51] **Int.Cl. 6C07K 5/00 6C07H 21/04 6C12P 19/34 6C12Q 1/68**
[25] EN
[54] **METHODS FOR RAPID CLONING OF FULL LENGTH CDNAS**
[54] **METHODES DE CLONAGE RAPIDE D'ADNC DE LONGUEUR TOTALE**
[72] MOONEY, JEFFREY L., US
[72] BERGSMA, DERK JON, US
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 1999-11-02
[86] 1998-06-04 (PCT/US98/11671)
[87] 1998-12-10 (WO98/55502)
[30] US (60/048,973) 1997-06-04

[21] **2,288,989**
[13] A1

[51] **Int.Cl. 6B01D 39/14**
[25] EN
[54] **HIGH PERFORMANCE FILTERS**
[54] **FILTRES HAUTE PERFORMANCE**
[72] WILSON, DOUG, US
[72] MATHUR, RAJ, US
[71] HITCO CARBON COMPOSITES, INC., US
[85] 1999-11-03
[86] 1998-05-29 (PCT/US98/11521)
[87] 1998-12-03 (WO98/53897)
[30] US (60/048,273) 1997-06-02

[21] **2,288,990**
[13] A1

[51] **Int.Cl. 6A61K 31/00**
[25] EN
[54] **ALLELIC POLYGENE DIAGNOSIS OF REWARD DEFICIENCY SYNDROME AND TREATMENT**
[54] **DIAGNOSTIC D'UN SYNDROME D'INSATISFACTION A L'AIDE DE POLYGENE ALLELIQUE ET TRAITEMENT ASSOCIE**
[72] BLUM, KENNETH, US
[72] IVY, JOHN L., US
[72] COMINGS, DAVID E., US
[71] CITY OF HOPE NATIONAL MEDICAL CENTER, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] KENNETH BLUM, INC., US
[85] 1999-10-27
[86] 1998-04-29 (PCT/US98/08684)
[87] 1998-11-05 (WO98/48785)
[30] US (60/044,394) 1997-04-29

[21] **2,288,993**
[13] A1

[51] **Int.Cl. 6A61K 35/74 6A61K 38/21 6C12N 15/21**
[25] EN
[54] **BIO-PHARMACEUTICAL PREPARATION CONTAINING A LIVE CULTURE OF BACILLUS AND METHOD FOR TREATING VIRAL AND BACTERIAL INFECTIONS AS WELL AS IMMUNO-DEFICIENCY CONDITIONS**
[54] **PREPARATION BIO-PHARMACEUTIQUE A BASE D'UNE CULTURE VIVANTE DE BACILLUS ET PROCEDE PERMETTANT DE TRAITER DES INFECTIONS VIRALES ET BACTERIENNES AINSI QU'UN ETAT DE DEFICIT IMMUNITAIRE**
[72] SERGIENKO, VALERY IVANOVICH, RU
[72] GNEDOI, SERGEI NIKOLAEVICH, RU
[72] VARAND, ALEXANDR VIKTOROVICH, RU
[72] PUSTOVOI, VYACHESLAV VASILIEVICH, RU
[72] KOSTROVSKY, VITALY GEORGIEVICH, RU
[71] SERGIENKO, VALERY IVANOVICH, RU
[71] GNEDOI, SERGEI NIKOLAEVICH, RU
[71] VARAND, ALEXANDR VIKTOROVICH, RU
[71] PUSTOVOI, VYACHESLAV VASILIEVICH, RU
[71] KOSTROVSKY, VITALY GEORGIEVICH, RU
[85] 1999-10-25
[86] 1998-07-06 (PCT/RU98/00208)
[87] 1999-11-18 (WO99/58137)
[30] RU (98108318) 1998-05-12

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<p style="text-align: right;">[21] 2,288,995 [13] A1</p> <p>[51] Int.Cl. 6A61K 7/13 [25] FR [54] COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UN DERIVE AZO DE 3-AMINO PYRIDINE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CE PROCEDE [54] OXIDATION DYEING COMPOSITION FOR KERATINOUS FIBRES CONTAINING A 3-AMINOPYRIDINE AZO DERIVATIVE AND DYEING METHOD USING SAID COMPOSITION [72] MAUBRU, MIREILLE, FR [72] COTTERET, JEAN, FR [72] LANG, GÉRARD, FR [71] L'OREAL, FR [85] 1999-10-26 [86] 1999-03-11 (PCT/FR99/00542) [87] 1999-09-30 (WO99/48466) [30] FR (98/03453) 1998-03-20</p>	<p style="text-align: right;">[21] 2,288,997 [13] A1</p> <p>[51] Int.Cl. 6H04M 11/00 [25] FR [54] IMPRIMANTE POUR SYSTEME DE TRANSFERT D'INFORMATIONS DE TYPE A SERVEUR VOCAL ET SYSTEME A SERVEUR VOCAL COMPORTANT DE TELLES IMPRIMANTES [54] PRINTER FOR DATA TRANSFER SYSTEM WITH VOICE SERVER AND VOICE SERVER SYSTEM COMPRISING SUCH PRINTERS [72] PIERRE-FRANÇOIS, PASCAL, FR [72] LARDANT, PATRICK, FR [71] INVESTIX S.A., FR [85] 1999-10-26 [86] 1998-04-28 (PCT/FR98/00856) [87] 1998-11-05 (WO98/49823) [30] FR (97/05232) 1997-04-28</p>	<p style="text-align: right;">[21] 2,288,999 [13] A1</p> <p>[51] Int.Cl. 6C07J 31/00 6C07J 1/00 6C07J 17/00 6A61K 31/565 [25] EN [54] ESTROGENIC 19-NORADNROST-17-ONE DERIVATIVES WITH AN AROMATIC B-RING [54] DERIVES OESTROGENIQUES 19-NORADNROST-17-ONE RENFERMANT UN CYCLE B AROMATIQUE [72] SHAH, SYED M., US [72] RAVEENDRANATH, PANOLIL, US [72] KAGAN, MICHAEL Z., US [71] AMERICAN HOME PRODUCTS CORPORATION, US [85] 1999-11-01 [86] 1998-04-28 (PCT/US98/08455) [87] 1998-11-12 (WO98/50412) [30] US (08/850,427) 1997-05-02</p>
<p style="text-align: right;">[21] 2,288,996 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/06 6G06M 11/00 6G01N 21/00 6G01N 24/00 6G01N 33/04 6G01N 15/06 6G01N 33/483 [25] EN [54] A METHOD AND A SYSTEM FOR DETERMINATION OF SOMATIC CELLS IN MILK [54] PROCEDE ET SYSTEME DE DOSAGE DES CELLULES SOMATIQUES DU LAIT [72] HANSEN, FRANS EJNER RAVN, DK [72] JEPPESEN, JESPER MYRON, DK [72] ARNVIDARSON, BORKUR, DK [72] GLENSBJERG, MARTIN, DK [71] CHEMOMETEC A/S, DK [71] BERMAN, CHARLES, US [85] 1999-11-01 [86] 1998-05-05 (PCT/US98/09312) [87] 1998-11-12 (WO98/50577) [30] DK (0509/97) 1997-05-05 [30] DK (1431/97) 1997-12-09</p>	<p style="text-align: right;">[21] 2,288,998 [13] A1</p> <p>[51] Int.Cl. 6C08G 77/54 6A61K 7/06 [25] FR [54] POLYMERES SILICIÉS DE POLYAMMONIUM QUATÉNAIRE HÉTÉROCYCLIQUE ET LEUR UTILISATION DANS LES COMPOSITIONS COSMÉTIQUES [54] HÉTÉROCYCLIC QUATERNARY POLYAMMONIUM SILICON POLYMERS AND THEIR USE IN COSMETIC COMPOSITIONS [72] LAGRANGE, ALAIN, FR [72] RICHARD, HERVÉ, FR [71] L'OREAL, FR [85] 1999-10-27 [86] 1999-03-23 (PCT/FR99/00679) [87] 1999-10-07 (WO99/50338) [30] FR (98/04059) 1998-04-01</p>	<p style="text-align: right;">[21] 2,289,000 [13] A1</p> <p>[51] Int.Cl. 6B61C 9/50 [25] FR [54] BOGIE MOTEUR DE VEHICULE DE TRACTION [54] POWER PULLER MOTOR BOGIE [72] KOELSCH, ERIC, FR [71] ALSTOM TRANSPORT S.A., FR [85] 1999-10-27 [86] 1999-03-01 (PCT/FR99/00452) [87] 1999-09-10 (WO99/44875) [30] FR (98/02473) 1998-03-02</p>
		<p style="text-align: right;">[21] 2,289,001 [13] A1</p> <p>[51] Int.Cl. 6C07D 211/46 6C07H 7/06 6C07D 211/40 6A61K 31/445 6C07D 211/94 [25] EN [54] NOVEL HÉTÉROCYCLIC COMPOUNDS [54] NOUVEAUX COMPOSES HÉTÉROCYCLIQUES [72] LUNDGREN, KARSTEN, DK [72] SOKILDE, BIRGITTE, DK [72] LUNDBECK, JANE MARIE, DK [72] JAKOBSEN, PALLE, DK [72] KRISTIANSEN, MARIT, DK [71] NOVO NORDISK A/S, DK [85] 1999-11-02 [86] 1998-05-06 (PCT/DK98/00177) [87] 1998-11-12 (WO98/50359) [30] DK (0526/97) 1997-05-06</p>

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,289,002 [13] A1</p> <p>[51] Int.Cl. 6B25C 1/04 [25] EN [54] FASTENER DRIVING DEVICE HAVING INTERCHANGEABLE CONTROL MODULES [54] DISPOSITIF DU TYPE PISTOLET A CLOUS, AVEC MODULES DE COMMANDE INTERCHANGEABLES [72] WHITE, BRIAN M., US [71] STANLEY FASTENING SYSTEMS, L.P., US [85] 1999-10-27 [86] 1998-02-25 (PCT/US98/02912) [87] 1998-11-12 (WO98/50203) [30] US (08/852,080) 1997-05-06</p>	<p style="text-align: right;">[21] 2,289,004 [13] A1</p> <p>[51] Int.Cl. 6A46B 11/02 6A46B 11/06 [25] EN [54] SOAP AND WATER DISPENSING SYSTEM [54] SYSTEME DE DISTRIBUTION DE SAVON ET D'EAU [72] STORY, JAMES B., US [72] KEARBY, DAVID LEE, US [72] STEWART, WALTER EDWARD, US [72] FREITAS, MICHAEL WOODFORD, US [72] CUNNINGHAM, JOHN FARIS, US [72] BROWNE, LELAND WARREN JR., US [72] BROWNE, LELAND WARREN III, US [72] LAMMONS, CARL, US [71] THE LELAND GROUP, INC., US [85] 1999-10-27 [86] 1998-04-24 (PCT/US98/08292) [87] 1998-11-05 (WO98/48663) [30] US (08/847,917) 1997-04-28</p>	<p style="text-align: right;">[21] 2,289,006 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/57 [25] EN [54] PREGNAN-3-OL-20-ONES [54] PREGNAN-3-OL-20-ONES [72] KAGAN, MICHAEL Z., US [72] SHAH, SYED M., US [71] AMERICAN HOME PRODUCTS CORPORATION, US [85] 1999-11-01 [86] 1998-04-28 (PCT/US98/08456) [87] 1998-11-12 (WO98/50042) [30] US (08/850,567) 1997-05-02</p>
<p style="text-align: right;">[21] 2,289,003 [13] A1</p> <p>[51] Int.Cl. 6C07D 405/10 6C07D 493/04 6C07D 305/06 6C07D 303/38 6A01N 43/56 [25] EN [54] SUBSTITUTED 4-BENZOYL-PYRAZOLES [54] 4-BENZOYLE-PYRAZOLS SUBSTITUES [72] WESTPHALEN, KARL-OTTO, DE [72] KARDORFF, UWE, DE [72] MAYER, GUIDO, DE [72] OTTEN, MARTINA, DE [72] RHEINHEIMER, JOACHIM, DE [72] BAUMANN, ERNST, DE [72] ENGEL, STEFAN, DE [72] WALTER, HELMUT, DE [72] WAGNER, OLIVER, DE [72] WITSCHHEL, MATTHIAS, DE [72] HILL, REGINA LUISE, DE [72] VON DEYN, WOLFGANG, DE [72] MISSLITZ, ULF, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-11-03 [86] 1998-05-04 (PCT/EP98/02622) [87] 1998-11-12 (WO98/50379) [30] DE (19719387.0) 1997-05-07</p>	<p style="text-align: right;">[21] 2,289,005 [13] A1</p> <p>[51] Int.Cl. 6C07B 45/00 6C07C 303/38 6C07C 311/48 [25] FR [54] PROCEDE DE SYNTHESE DE PERFLUOROSULFONAMIDES, DE PERFLUOROSULFONIMIDES ET DE LEURS SELS, AINSI QU'UN REACTIF DE SULFONYLATON [54] METHOD FOR THE SYNTHESIS OF PERFLUOROSULPHONAMIDES, PERFLUOROSULPHONAMIDES AND THEIR SALTS, AND A SULPHONATION REAGENT [72] PEVERE, VIRGINIE, FR [72] MARX, EMMANUEL, FR [72] GILBERT, LAURENT, FR [71] RHODIA CHIMIE, FR [85] 1999-11-05 [86] 1998-05-15 (PCT/FR98/00973) [87] 1998-11-26 (WO98/52886) [30] FR (97/06064) 1997-05-16</p>	<p style="text-align: right;">[21] 2,289,007 [13] A1</p> <p>[51] Int.Cl. 6H01Q 19/19 6H01Q 25/00 [25] FR [54] ANTENNE A FORTE CAPACITE DE BALAYAGE [54] ANTENNA WITH HIGH SCANNING CAPACITY [72] LENORMAND, RÉGIS, FR [72] CROQ, FRÉDÉRIC, FR [72] MAGNIN, FRÉDÉRIC, FR [72] VOISIN, PHILIPPE, FR [71] ALCATEL, FR [85] 1999-11-05 [86] 1998-06-25 (PCT/FR98/01345) [87] 1999-01-07 (WO99/00870) [30] FR (97/08011) 1997-06-26</p>
		<p style="text-align: right;">[21] 2,289,008 [13] A1</p> <p>[51] Int.Cl. 6C07J 31/00 6C07J 1/00 6A61K 31/565 [25] EN [54] PHARMACEUTICALLY ACCEPTABLE SALTS OF 3-HYDROXY-ESTR-5(10)-EN-17-ONE 3-SULPHATE ACTIVE AS ESTROGENS [54] SELS PHARMACEUTIQUEMENT ACCEPTABLES DE 3-HYDROXY-ESTR-5(10)-EN-17-ONE 3-SULFATE A ACTIVITE D'OESTROGENES [72] SHAH, SYED M., US [72] KAGAN, MICHAEL Z., US [72] KONG, FANGMING, US [72] McDONALD, LEONARD A., US [72] RAVEENDRANATH, PANOLIL, US [72] ZELDIS, JOSEPH, US [71] AMERICAN HOME PRODUCTS CORPORATION, US [85] 1999-11-01 [86] 1998-04-28 (PCT/US98/08481) [87] 1998-11-12 (WO98/50413) [30] US (08/850,568) 1997-05-02</p>

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[13] A1

[51] **Int.Cl. 6A61K 39/09 6A61K 39/385**
[25] FR
[54] **COMPOSITION VACCINALE MULTIVALENTE A PORTEUR MIXTE**
[54] **MULTIVALENT VACCINE COMPOSITION WITH MIXED CARRIER**
[72] LEROY, ODILE, FR
[71] PASTEUR MERIEUX SÉRUMS ET VACCINS, FR
[85] 1999-11-05
[86] 1998-05-14 (PCT/FR98/00966)
[87] 1998-11-19 (WO98/51339)
[30] FR (97/06210) 1997-05-14

[21] **2,289,016**
[13] A1

[51] **Int.Cl. 7A61B 1/00**
[25] EN
[54] **EYEWEAR COMPRISING A VISUAL ENTERTAINMENT SYSTEM**
[54] **SYSTEME VISUEL LUDIQUÉ COMPRENANT UNE LUNETTE**
[72] KALLENBACH, NEVILLE R., US
[72] MOROZOV, VICTOR N., US
[71] KALLENBACH, NEVILLE R., US
[71] MOROZOV, VICTOR N., US
[85] 1999-10-28
[86] 1998-04-29 (PCT/US98/08732)
[87] 1998-11-05 (WO98/48689)
[30] US (08/841,157) 1997-04-29

[21] **2,289,070**
[13] A1

[51] **Int.Cl. 6H04L 12/18**
[25] EN
[54] **MULTICAST SWITCHING**
[54] **COMMUTATEUR MULTIDIFFUSION**
[72] HAGGERTY, WILLIAM T., US
[72] NEGUS, STEPHEN H., US
[72] ANDLAUER, PHILLIP, US
[71] CABLETRON SYSTEMS, INC., US
[85] 1999-11-05
[86] 1998-04-14 (PCT/US98/07642)
[87] 1998-11-12 (WO98/51041)
[30] US (08/852,188) 1997-05-06

[21] **2,289,111**
[13] A1

[51] **Int.Cl. 6E06B 1/12 6E06B 1/14 6E06B 1/20 6E06B 1/52**
[25] EN
[54] **DOOR FRAMES**
[54] **CADRES DE PORTES**
[72] BEATON, ROSS JAMES, AU
[71] BEATON, ROSS JAMES, AU
[85] 1999-11-04
[86] 1997-05-06 (PCT/AU97/00272)
[87] 1997-11-13 (WO97/42390)

[21] **2,289,123**
[13] A1

[51] **Int.Cl. 6A61K 38/18**
[25] EN
[54] **THERAPIES FOR ACUTE RENAL FAILURE**
[54] **THERAPIES CONTRE L'INSUFFISANCE RENALE AIGUE**
[72] SAMPATH, KUBER T., US
[72] COHEN, CHARLES M., US
[71] CREATIVE BIOMOLECULES, INC., US
[85] 1999-11-04
[86] 1998-05-05 (PCT/US98/03197)
[87] 1998-11-12 (WO98/50060)
[30] US (60/045,619) 1997-05-05

[21] **2,289,124**
[13] A1

[51] **Int.Cl. 6A61K 31/69 6A61K 38/55**
[25] EN
[54] **USE OF CD26 INHIBITOR FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF HIV**
[54] **UTILISATION D'UN INHIBITEUR DU CD26 POUR PREPARER UN MEDICAMENT TRAITANT LE VIH**
[72] HUBER, BRIGITTE T., US
[72] UNDERWOOD, ROBERT, US
[72] SCHMITZ, TRACY, US
[71] TRUSTEES OF TUFTS COLLEGE, US
[85] 1999-11-04
[86] 1998-04-30 (PCT/US98/08723)
[87] 1998-11-12 (WO98/50046)
[30] US (08/852,394) 1997-05-07

[21] **2,289,125**
[13] A1

[51] **Int.Cl. 6A61K 38/55 6G01N 33/50**
[25] EN
[54] **POTENTIATION OF THE IMMUNE RESPONSE THROUGH DELIVERY OF COMPOUNDS BINDING A CYTOPLASMIC DIPEPTIDASE**
[54] **POTENTIALISATION DE LA REPONSE IMMUNITAIRE PAR PRODUCTION DE COMPOSES SE FIXANT A UNE DIPEPTIDASE CYTOPLASMIQUE**
[72] SCHMITZ, TRACY, US
[72] HUBER, BRIGITTE T., US
[72] UNDERWOOD, ROBERT, US
[71] TRUSTEES OF TUFTS COLLEGE, US
[85] 1999-11-04
[86] 1998-04-30 (PCT/US98/08838)
[87] 1998-11-12 (WO98/50066)
[30] US (08/852,395) 1997-05-07

[21] **2,289,126**
[13] A1

[51] **Int.Cl. 6C22B 3/00 6C22B 3/02 6C22B 3/04 6E21B 43/243 6E21B 43/28**
[25] EN
[54] **IN-SITU CHEMICAL REACTOR FOR RECOVERY OF METALS OR PURIFICATION OF SALTS**
[54] **REACTEUR CHIMIQUE IN SITU DE RECUPERATION DE METAUX OU DE PURIFICATION DE SELS**
[72] HSU, KENNETH J., CH
[71] TARIM ASSOCIATES FOR SCIENTIFIC MINERAL AND OIL EXPLORATION AG, CH
[85] 1999-11-04
[86] 1998-05-06 (PCT/IB98/00814)
[87] 1998-11-12 (WO98/50592)
[30] US (08/852,327) 1997-05-07

[21] **2,289,127**
[13] A1

[51] **Int.Cl. 6C02F 11/18 6C02F 11/04**
[25] EN
[54] **PROCESS AND APPARATUS FOR TREATING WASTE**
[54] **PROCEDE ET APPAREIL SERVANT AU TRAITEMENT DE DECHETS**
[72] BUEHLER, VERNE T., US
[71] UNITED STATES FILTER CORPORATION, US
[85] 1999-11-03
[86] 1998-05-06 (PCT/US98/09628)
[87] 1998-11-12 (WO98/50312)
[30] US (08/851,645) 1997-05-06

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[13] A1
[51] **Int.Cl. 6E21B 7/00 6E21B 47/00
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[25] EN
[54] **EARTH FORMATION SURVEYING
DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE
DES FORMATIONS GEOLOGIQUES**
[72] PESTMAN, BAREND JAN, NL
[72] COENEN, JOSEF GUILLAUME
CHRISTOFFEL, NL
[71] SHELL CANADA LIMITED, CA
[85] 1999-11-03
[86] 1998-06-17 (PCT/EP98/03999)
[87] 1998-12-30 (WO98/59146)
[30] EP (97201894.9) 1997-06-20

[21] **2,289,130**
[13] A1
[51] **Int.Cl. 6C08G 79/02**
[25] EN
[54] **PURIFICATION OF
POLYPHOSPHAZENE POLYACIDS**
[54] **PURIFICATION DES POLYACIDES
DE POLYPHOSPHAZENE**
[72] SVIRKIN, YURI, US
[72] SULE, SAMEER S., US
[72] ANDRIANOV, ALEXANDER K., US
[72] LeGOLVAN, MARK P., US
[71] AVANT IMMUNOTHERAPEUTICS,
INC., US
[85] 1999-11-03
[86] 1998-05-07 (PCT/US98/09323)
[87] 1998-11-19 (WO98/51730)
[30] US (08/856,073) 1997-05-14

[21] **2,289,132**
[13] A1
[51] **Int.Cl. 6B05B 12/04 6A01M 7/00
6B05B 9/04 6B05B 12/08 6B05B 1/30**
[25] EN
[54] **SPRAY NOZZLE ARRANGEMENT
[54] AGENCEMENT DE BUSE DE
PULVERISATION**
[72] PAICE, MARK EDWARD RUSSELL,
GB
[72] MILLER, PAUL CHARLES HARVEY,
GB
[71] BTG INTERNATIONAL LIMITED,
GB
[85] 1999-11-03
[86] 1998-06-19 (PCT/GB98/01808)
[87] 1998-12-30 (WO98/58746)
[30] GB (9713242.7) 1997-06-23

[21] **2,289,133**
[13] A1
[51] **Int.Cl. 6H03F 1/26**
[25] EN
[54] **FREQUENCY SELECTIVE
PREDISTORTION IN A LINEAR
TRANSMITTER**
[54] **PREDISTORSION SELECTIVE EN
FREQUENCE DANS UN EMETTEUR
LINEAIRE**
[72] LYENDECKER, ROBERT R., US
[71] GLENAYRE ELECTRONICS, INC.,
US
[85] 1999-11-03
[86] 1998-05-05 (PCT/US98/03193)
[87] 1998-11-12 (WO98/51005)
[30] US (08/852,390) 1997-05-07

[21] **2,289,134**
[13] A1
[51] **Int.Cl. 6G01V 5/12 6G01V 5/10**
[25] EN
[54] **FORMATION DENSITY
MEASUREMENT UTILIZING PULSED
NEUTRONS**
[54] **MESURE DE LA DENSITE DES
FORMATIONS PAR UTILISATION DE
NEUTRONS PULSES**
[72] ODOM, RICHARD C., US
[72] STREETER, RICHARD W., VE
[72] WILSON, ROBERT D., US
[71] COMPUTALOG U.S.A., INC., US
[85] 1999-11-03
[86] 1998-01-29 (PCT/US98/01629)
[87] 1998-12-23 (WO98/58278)
[30] US (08/878,545) 1997-06-19

[21] **2,289,189**
[13] A1
[51] **Int.Cl. 6C05F 7/00**
[25] EN
[54] **SEWAGE SLUDGE RECYCLING
WITH A PIPE CROSS-REACTOR**
[54] **RECYCLAGE DE BOUES
D'EPURATION A L'AIDE D'UN
REACTEUR A TUYAUX
TRANSVERSAUX**
[72] DAHMS, GARY L., US
[72] GREER, GARY D., US
[71] UNITY, INC., US
[85] 1999-11-03
[86] 1998-05-07 (PCT/US98/09398)
[87] 1998-11-12 (WO98/50323)
[30] US (08/852,663) 1997-05-07

[21] **2,289,198**
[13] A1
[51] **Int.Cl. 6H04L 12/28 6H04L 12/56**
[25] EN
[54] **A PERSONAL DESKTOP ROUTER**
[54] **ROUTEUR PERSONNEL DE
BUREAU**
[72] MILOSLAVSKY, ALEC, US
[72] NEYMAN, IGOR, US
[71] GENESYS
TELECOMMUNICATIONS
LABORATORIES, INCORPORATED, US
[85] 1999-11-05
[86] 1998-06-03 (PCT/US98/11442)
[87] 1998-12-10 (WO98/56141)
[30] US (08/869,815) 1997-06-05

[21] **2,289,199**
[13] A1
[51] **Int.Cl. 6B25B 13/50**
[25] EN
[54] **LOW FRICTION POWER TONG
JAW ASSEMBLY**
[54] **ENSEMBLE MACHOIRE DE CLE
DE VISSAGE A COMMANDE
PNEUMATIQUE A FAIBLE
COEFFICIENT DE FROTTEMENT**
[72] BANGERT, DANIEL S., US
[72] BUCK, DAVID A., US
[71] BANGERT, DANIEL S., US
[71] BUCK, DAVID A., US
[85] 1999-11-03
[86] 1998-05-22 (PCT/US98/10441)
[87] 1998-11-26 (WO98/52720)
[30] US (08/862,555) 1997-05-23

[21] **2,289,200**
[13] A1
[51] **Int.Cl. 6B05D 7/00 6C22C 29/00
6B22F 3/00 6B22F 1/02**
[25] EN
[54] **TOUGH-COATED HARD
POWDERS AND SINTERED ARTICLES
THEREOF**
[54] **POUDRES DURES A
REJETEMENT RESISTANT ET
ARTICLES FRITES PRODUITS A
PARTIR DE CES POUDRES**
[72] TOTH, RICHARD EDMUND, US
[71] TOTH, RICHARD EDMUND, US
[85] 1999-11-03
[86] 1998-05-13 (PCT/US98/09767)
[87] 1998-11-19 (WO98/51419)
[30] US (60/046,885) 1997-05-13

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[21] **2,289,201**
[13] A1
[51] **Int.Cl. 6G02B 6/12 6G02B 6/122 6G02B 6/124**
[25] EN
[54] **INTEGRATED OPTICAL CIRCUIT**
[54] **CIRCUIT OPTIQUE INTEGRE**
[72] KOOPS, HANS WILFRIED PETER, DE
[72] DULTZ, WOLFGANG, DE
[71] DEUTSCHE TELEKOM AG, DE
[85] 1999-11-03
[86] 1998-04-29 (PCT/EP98/02532)
[87] 1998-11-26 (WO98/53350)
[30] DE (197 20 784.7) 1997-05-17

[21] **2,289,202**
[13] A1
[51] **Int.Cl. 6A61K 47/40 6A61K 9/28 6A61K 47/48**
[25] EN
[54] **SOLID PHARMACEUTICAL FORMULATIONS CONTAINING A PHYSICAL MIXTURE OF SULFOALKYL ETHER CYCLODEXTRIN AND A THERAPEUTIC AGENT**
[54] **FORMULATIONS PHARMACEUTIQUES SOLIDES CONTENANT UN MELANGE PHYSIQUE DE SULFOALKYL ETHER CYCLODEXTRINE ET UN AGENT THERAPEUTIQUE**
[72] RAJEWSKI, ROGER A., US
[72] STELLA, VALENTINO K., US
[72] MCGINITY, JAMES, US
[71] CYDEX INC., US
[85] 1999-11-03
[86] 1998-04-20 (PCT/US98/08221)
[87] 1998-11-12 (WO98/50077)
[30] US (08/851,006) 1997-05-05

[21] **2,289,203**
[13] A1
[51] **Int.Cl. 6C08G 18/76 6C08J 9/08 6C08K 5/54 6C08G 18/66**
[25] EN
[54] **FLEXIBLE, SUBSTANTIALLY OPEN CELLED POLYURETHANE FOAM AND METHOD OF MAKING SAME**
[54] **MOUSSE DE POLYURETHANE SOUPLE A ALVEOLES SENSIBLEMENT OUVERTES ET SON PROCEDE DE PRODUCTION**
[72] MATTESKY, HENRY, US
[71] MAGLA WORLD-WIDE L.L.C., US
[85] 1999-11-03
[86] 1998-04-29 (PCT/US98/08605)
[87] 1998-11-12 (WO98/50446)
[30] US (60/045,782) 1997-05-06

[21] **2,289,204**
[13] A1
[51] **Int.Cl. 6C07H 21/00 6C07H 21/02 6C07H 21/04**
[25] EN
[54] **SYNTHESIS OF OLIGONUCLEOTIDES**
[54] **SYNTHESE D'OLIGONUCLEOTIDES**
[72] LANDEGREN, ULF, SE
[72] NILSSON, MATS, SE
[72] KWIATKOWSKI, MAREK, SE
[71] KWIATKOWSKI, MAREK, SE
[85] 1999-11-03
[86] 1998-05-14 (PCT/SE98/00893)
[87] 1998-11-19 (WO98/51698)
[30] SE (9701783-4) 1997-05-14

[21] **2,289,205**
[13] A1
[51] **Int.Cl. 6G06F 1/16**
[25] EN
[54] **PRESENTATION DEVICE**
[54] **DISPOSITIF DE PRESENTATION**
[72] STEWART, STEVEN JOHN, GB
[71] CHASE ADVANCED TECHNOLOGIES LTD., GB
[85] 1999-11-03
[86] 1998-05-12 (PCT/GB98/01257)
[87] 1998-11-19 (WO98/52116)
[30] GB (9709737.2) 1997-05-14

[21] **2,289,206**
[13] A1
[51] **Int.Cl. 6C07D 265/18**
[25] EN
[54] **EFFICIENT ENANTIOSELECTIVE ADDITION REACTION USING AN ORGANOZINC REAGENT**
[54] **REACTION D'ADDITION ENANTIOSELECTIVE EFFICACE A REACTIF DE TYPE COMPLEXE ORGANATE-ZINC**
[72] CHEN, CHENG YI, US
[72] TAN, LUSHI, US
[72] TILLYER, RICHARD D., US
[71] MERCK & CO., INC., US
[85] 1999-11-03
[86] 1998-05-12 (PCT/US98/08888)
[87] 1998-11-19 (WO98/51676)
[30] US (60/046,713) 1997-05-16
[30] US (60/057,884) 1997-09-03
[30] US (60/083,525) 1998-04-29
[30] GB (9711599.2) 1997-06-05
[30] GB (9727129.0) 1997-12-22

[21] **2,289,207**
[13] A1
[51] **Int.Cl. 6G06K 7/08 6G06K 7/00 6G06K 7/10**
[25] EN
[54] **ENHANCED IDENTIFICATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION PERFECTIONNEE**
[72] MARAIS, MARIO ALPHONSO, ZA
[72] ATKINS, RAYMOND CATHERALL, ZA
[72] VAN ZYL SMIT, HENDRIK, ZA
[71] BTG INTERNATIONAL LIMITED, GB
[85] 1999-11-03
[86] 1998-05-14 (PCT/GB98/01385)
[87] 1998-11-19 (WO98/52142)
[30] GB (9709741.4) 1997-05-14
[30] GB (9724185.5) 1997-11-14

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,289,208 [13] A1</p> <p>[51] Int.Cl. 6H04L 25/03 [25] EN [54] METHOD AND APPARATUS FOR LINEAR TRANSMISSION BY DIRECT INVERSE MODELING [54] PROCEDE ET APPAREIL DE TRANSMISSION LINEAIRE PAR MODELISATION INVERSE DIRECTE [72] REY, CLAUDIO G., CA [72] YAN, DESMOND WAI M., CA [72] CHEN, JAY J.-C., CA [72] LEYENDECKER, ROBERT R., US [72] GUO, YAN, CA [72] GARRIDO, ARMANDO C., CA [72] PAVLOVIC, VLADIMIR, CA [71] GLENAYRE ELECTRONICS, INC., US [85] 1999-11-03 [86] 1998-04-30 (PCT/US98/08606) [87] 1998-11-12 (WO98/51047) [30] US (08/850,940) 1997-05-05</p>	<p style="text-align: right;">[21] 2,289,211 [13] A1</p> <p>[51] Int.Cl. 6D21D 5/00 [25] EN [54] METHOD AND ARRANGEMENT FOR CONTROLLING A MULTI-PHASE SCREENING APPARATUS [54] PROCEDE ET DISPOSITIF POUR COMMANDER UN DISPOSITIF DE CLASSAGE A ETAGES MULTIPLES [72] PETÄJISTO, JORMA, FI [72] HAUTALA, JOUKO, FI [72] VUORINEN, TIMO, FI [72] VALLI, JUHANI, FI [71] VALMET CORPORATION, FI [85] 1999-11-03 [86] 1998-05-04 (PCT/FI98/00378) [87] 1998-11-12 (WO98/50624) [30] FI (971938) 1997-05-06 [30] US (60/051,708) 1997-07-03</p>	<p style="text-align: right;">[21] 2,289,214 [13] A1</p> <p>[51] Int.Cl. 6B41C 1/10 [25] EN [54] METHOD AND APPARATUS FOR NON-ABLATIVE, HEAT-ACTIVATED LITHOGRAPHIC IMAGING [54] PROCEDE ET APPAREIL D'IMAGERIE LITHOGRAPHIQUE PAR TRANSFERT THERMIQUE SANS ABLATION [72] LEWIS, THOMAS E., US [72] FRANK, STEPHEN J., US [71] PRESSTEK, INC., US [85] 1999-11-03 [86] 1998-04-14 (PCT/US98/07837) [87] 1998-11-12 (WO98/50231) [30] US (08/851,205) 1997-05-05</p>
<p style="text-align: right;">[21] 2,289,209 [13] A1</p> <p>[51] Int.Cl. 6C07D 309/06 6C07C 401/00 6A61K 31/045 [25] EN [54] CYCLIC ETHER VITAMIN D3 COMPOUNDS, 1.ALPHA. (OH) 3-EPI-VITAMIN D3 COMPOUNDS AND USES THEREOF [54] COMPOSES DE VITAMINE D3 A ETHER CYCLIQUE ET COMPOSES DE 1.ALPHA.(OH)3-EPI-VITAMINE D3, ET UTILISATION DESDITS COMPOSES [72] REDDY, SATAYANARAYANA G., US [71] WOMEN & INFANTS HOSPITAL, US [85] 1999-11-03 [86] 1998-05-15 (PCT/US98/10062) [87] 1998-11-19 (WO98/51678) [30] US (60/046,690) 1997-05-16</p>	<p style="text-align: right;">[21] 2,289,212 [13] A1</p> <p>[51] Int.Cl. 6H03H 11/22 [25] EN [54] ACTIVE PHASE SPLITTER [54] DEPHASEUR MULTIPLE ACTIF [72] APARIN, VLADIMIR, US [71] QUALCOMM INCORPORATED, US [85] 1999-11-03 [86] 1998-05-21 (PCT/US98/10509) [87] 1998-11-26 (WO98/53553) [30] US (08/862,094) 1997-05-22</p>	<p style="text-align: right;">[21] 2,289,215 [13] A1</p> <p>[51] Int.Cl. 6A61K 35/76 6A61K 48/00 6C12N 15/09 6C12N 15/63 6C12N 15/85 6C12N 15/86 6C12N 15/88 [25] EN [54] GENE TRANSFER WITH ADENOVIRUSES HAVING MODIFIED FIBER PROTEINS [54] TRANSFERT DE GENES A L'AIDE D'ADENOVIRUS COMPRENANT DES PROTEINES FIBREUSES MODIFIEES [72] GORZIGLIA, MARIO, US [72] McCLELLAND, ALAN, US [72] STEVENSON, SUSAN C., US [72] VANIN, ELIO F., US [71] GENETIC THERAPY, INC., US [85] 1999-11-03 [86] 1998-04-30 (PCT/US98/08570) [87] 1998-11-12 (WO98/50053) [30] US (08/852,924) 1997-05-08</p>
<p style="text-align: right;">[21] 2,289,210 [13] A1</p> <p>[51] Int.Cl. 6H01M 4/52 6H01M 8/22 6H01M 4/36 6H01M 4/58 [25] EN [54] AN IRON-BASED STORAGE BATTERY [54] PILE ELECTRIQUE A BASE DE FER [72] LICHT, STUART, IL [71] CHEMERGY LTD., IL [85] 1999-11-03 [86] 1998-05-04 (PCT/IL98/00207) [87] 1998-11-12 (WO98/50970) [30] IL (120784) 1997-05-05</p>	<p style="text-align: right;">[21] 2,289,213 [13] A1</p> <p>[51] Int.Cl. 6A61M 29/00 [25] EN [54] WIRE FRAME PARTIAL FLOW OBSTRUCTION DEVICE FOR ANEURYSM TREATMENT [54] DISPOSITIF EN FIL DE FER POUR OBSTRUCTION PARTIELLE DE FLUX DESTINE AU TRAITEMENT DE L'ANEVRISME [72] LENKER, JAY, US [72] CROCKETT, K. DAVID, US [71] MICRO THERAPEUTICS, INC., US [85] 1999-11-03 [86] 1998-05-01 (PCT/US98/08876) [87] 1998-11-12 (WO98/50102) [30] US (08/850,311) 1997-05-05</p>	<p style="text-align: right;">[21] 2,289,216 [13] A1</p> <p>[51] Int.Cl. 6B62B 3/08 [25] EN [54] BASKET AND REAR PANEL FOR SHOPPING CART [54] PANIER ET PANNEAU POSTERIEUR DE POUSETTE DE MARCHE [72] KERN, ALAN R., US [72] JOHNSON, CHRISTOPHER M., US [72] HENRY, SCOTTLAN R., US [71] REHRIG INTERNATIONAL, INC., US [85] 1999-11-03 [86] 1998-05-05 (PCT/US98/08971) [87] 1998-11-12 (WO98/50264) [30] US (60/045,562) 1997-05-05</p>

PCT Applications Entering the National Phase

[21] **2,289,217**
[13] A1

[51] **Int.Cl. 6H04L 29/04**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTIPOINT TRUNKING**
[54] **PROCEDE ET APPAREIL DE JONCTION MULTIPOINT**
[72] HEINER, EDWARD A., JR., US
[72] HUSAK, DAVID J., US
[72] VAN SETERS, STEPHEN L., US
[72] FRIEDMAN, G. STODEL, US
[71] 3COM CORPORATION, US
[85] 1999-11-03
[86] 1998-05-01 (PCT/US98/08875)
[87] 1998-11-12 (WO98/51050)
[30] US (08/852,146) 1997-05-06

[21] **2,289,223**
[13] A1

[51] **Int.Cl. 6F01B 3/02 6F02B 75/26**
[25] EN
[54] **SAKHARNOV PISTON ENGINE**
[54] **MOTEUR A PISTON DE SAKHARNOV**
[72] GALYAN, BORIS AFANASIEVICH, UA
[72] SHVEDOV, LEONID FEDOROVICH, UA
[72] SAKHARNOV, VASILII ALEXSEEVICH, UA
[72] GOLDMAN, ALEKSANDR BORISOVICH, UA
[72] YAKOVETS, SERGEY ALEKSANDROVICH, UA
[72] KOVAL, NIKOLAY IOSSIFOVICH, UA
[71] GALYAN, BORIS AFANASIEVICH, UA
[71] SHVEDOV, LEONID FEDOROVICH, UA
[71] SAKHARNOV, VASILII ALEXSEEVICH, UA
[71] GOLDMAN, ALEKSANDR BORISOVICH, UA
[71] YAKOVETS, SERGEY ALEKSANDROVICH, UA
[71] KOVAL, NIKOLAY IOSSIFOVICH, UA
[85] 1999-09-07
[86] 1997-07-02 (PCT/UA97/00008)
[87] 1998-09-11 (WO98/39556)
[30] UA (9703/024) 1997-03-07

[21] **2,289,224**
[13] A1

[51] **Int.Cl. 6A61M 16/00 6A61M 29/00 6A62B 9/06**
[25] EN
[54] **FOAM CUFF FOR LARYNGEAL MASK AIRWAY**
[54] **BALLONNET EN MOUSSE POUR TUBAGE ENDOTRACHEAL**
[72] KAMEN, JACK M., US
[71] KAMEN, JACK M., US
[71] KAMEN, JACK M., US
[85] 1999-11-01
[86] 1998-04-29 (PCT/US98/08623)
[87] 1998-11-12 (WO98/50096)
[30] US (08/850,414) 1997-05-02

[21] **2,289,225**
[13] A1

[51] **Int.Cl. 6A01D 61/00 6A01D 39/00 6B62D 12/00 6B62D 13/00 6B60K 7/00 6A01F 11/02 6B62D 53/06 6B60K 17/30 6A01F 12/60**
[25] EN
[54] **COMBINE WITH POWERED AND STEERABLE GRAIN TRAILER**
[54] **MOISSONNEUSE-BATTEUSE AVEC REMORQUE A CEREALES AUTONOME ET MOTORISEE**
[72] DILLON, BEN N., US
[71] DILLON, BEN N., US
[85] 1999-11-01
[86] 1998-09-11 (PCT/US98/19046)
[87] 1999-03-18 (WO99/12408)
[30] US (927,872) 1997-09-11

[21] **2,289,227**
[13] A1

[51] **Int.Cl. 6A43B 7/12 6A43B 7/32**
[25] EN
[54] **IMPROVED VAPOR-PERMEABLE SHOE**
[54] **CHAUSSURE AVEC AMELIORATION DE LA PERMEABILITE A LA VAPEUR**
[72] POLEGATO, MARIO, IT
[71] NOTTINGTON HOLDING B.V., NL
[85] 1999-11-08
[86] 1998-04-29 (PCT/EP98/02537)
[87] 1998-11-19 (WO98/51177)
[30] IT (PD97A000102) 1997-05-09

[21] **2,289,228**
[13] A1

[51] **Int.Cl. 6A61K 45/00**
[25] EN
[54] **COMPOSITIONS OF ANTICHLAMYDIAL AGENTS FOR THE DIAGNOSIS AND MANAGEMENT OF INFECTION CAUSED BY CHLAMYDIA**
[54] **DIAGNOSTIC ET GESTION D'INFECTIONS PROVOQUEES PAR CHLAMYDIA**
[72] MITCHELL, WILLIAM M., US
[72] STRATTON, CHARLES W., US
[71] VANDERBILT UNIVERSITY, US
[85] 1999-11-08
[86] 1998-05-06 (PCT/US98/09237)
[87] 1998-11-12 (WO98/50074)
[30] US (60/045,739) 1997-05-06
[30] US (60/045,780) 1997-05-06
[30] US (60/045,787) 1997-05-06
[30] US (60/045,779) 1997-05-06
[30] US (60/045,784) 1997-05-06
[30] US (60/045,689) 1997-05-06
[30] US (08/911,593) 1997-08-14
[30] US (09/025,521) 1998-02-18
[30] US (09/025,174) 1998-02-18
[30] US (09/025,176) 1998-02-18

[21] **2,289,229**
[13] A1

[51] **Int.Cl. 6B07C 3/20**
[25] EN
[54] **MAIL DISTRIBUTION INFORMATION RECOGNITION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE RECONNAISSANCE D'INFORMATION DE DISTRIBUTION DE COURRIER**
[72] MILETZKI, UDO, DE
[72] ROSENBAUM, WALTER, FR
[72] SUCHENWIRTH-BAUERSACHS, RICHARD, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 1999-11-01
[86] 1998-03-27 (PCT/DE98/00897)
[87] 1998-11-12 (WO98/50173)
[30] DE (197 18 805.2) 1997-05-03

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[21] **2,289,230**
[13] A1
[51] **Int.Cl. 6A61M 39/14 6A61M 39/10**
[25] EN
[54] **CONNECTOR ASSEMBLIES, FLUID SYSTEMS, AND METHODS FOR MAKING A CONNECTION**
[54] **ENSEMBLES CONNECTEURS, SYSTEMES DE FLUIDE ET PROCEDES PERMETTANT D'EFFECTUER UNE CONNEXION**
[72] BORMANN, THOMAS J., US
[72] MATKOVICH, VLADO IVAN, US
[72] FRANOVIC, MLADEN, US
[72] DELGIACCO, GERARD R., US
[71] PALL CORPORATION, US
[85] 1999-11-08
[86] 1998-05-08 (PCT/US98/09653)
[87] 1998-11-12 (WO98/50105)
[30] US (60/046,051) 1997-05-09

[21] **2,289,231**
[13] A1
[51] **Int.Cl. 6H04Q 7/00**
[25] EN
[54] **SUBSCRIBER UNIT WITH PLURAL CONTROL AND DATA SOURCES FOR CDMA WIRELESS COMMUNICATION SYSTEM**
[54] **UNITE D'ABONNE ET PROCEDE UTILE DANS UN SYSTEME DE TELECOMMUNICATIONS SANS FIL**
[72] ODENWALDER, JOSEPH P., US
[71] QUALCOMM INCORPORATED, US
[85] 1999-11-01
[86] 1998-05-13 (PCT/US98/09868)
[87] 1998-11-19 (WO98/52365)
[30] US (08/856,428) 1997-05-14

[21] **2,289,232**
[13] A1
[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/22**
[25] EN
[54] **METHOD AND DEVICE FOR SELECTION OF FREQUENCY REUSAGE IN CELLULAR COMMUNICATION SYSTEMS**
[54] **PROCEDE ET DISPOSITIF DE SELECTION DE REUTILISATION DE FREQUENCES DANS DES SYSTEMES DE COMMUNICATION CELLULAIRE**
[72] STAHL, WOLFGANG, DE
[72] ZIMMERMANN, GERD, DE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-11-08
[86] 1998-05-06 (PCT/EP98/02665)
[87] 1998-11-19 (WO98/52372)
[30] EP (97107719.3) 1997-05-12

[21] **2,289,233**
[13] A1
[51] **Int.Cl. 6D06P 5/20 6D06P 1/44 6D06P 1/52**
[25] EN
[54] **PROCESS FOR FIXING PIGMENT PRINTS AND PIGMENT DYEINGS WITH IONISING RADIATION OR UV RADIATION**
[54] **PROCEDE POUR FIXER DES IMPRESSIONS ET DES TEINTURES A BASE DE PIGMENTS A L'AIDE DE RAYONNEMENTS IONISANTS OU DE RAYONNEMENTS ULTRAVIOLETS**
[72] MHEIDLE, MICKAEL, FR
[72] SCHEIBLI, PETER, CH
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 1999-11-01
[86] 1998-05-20 (PCT/EP98/02954)
[87] 1998-12-03 (WO98/54399)
[30] CH (1270/97) 1997-05-29
[30] CH (1572/97) 1997-06-30

[21] **2,289,235**
[13] A1
[51] **Int.Cl. 6C12N 15/63 6C12N 15/65**
[25] EN
[54] **IMPROVED CLONING VECTOR CONTAINING MARKER INACTIVATION SYSTEM**
[54] **SYSTEME AMELIORE DE CLONAGE PAR INACTIVATION D'UN MARQUEUR CONTENANT UN VECTEUR**
[72] LEBEL, SUZANNE, CA
[72] SLILATY, STEVE N., CA
[71] LEBEL, SUZANNE, CA
[71] SLILATY, STEVE N., CA
[85] 1999-11-04
[86] 1998-05-01 (PCT/US98/08854)
[87] 1998-11-12 (WO98/50566)
[30] US (08/852,834) 1997-05-07

[21] **2,289,236**
[13] A1
[51] **Int.Cl. 6C12N 15/00 6A01K 67/027 6C07K 14/16**
[25] EN
[54] **TRANSGENIC MICE EXPRESSING HIV-1 IN IMMUNE CELLS**
[54] **SOURIS TRANSGENIQUES EXPRIMANT LE VIH-1 DANS LEURS CELLULES IMMUNITAIRES**
[72] JOLICOEUR, PAUL, CA
[72] HANNA, ZAHER, CA
[72] KAY, DENIS, CA
[71] INSTITUT DE RECHERCHES CLINIQUES DE MONTRÉAL, CA
[85] 1999-11-03
[86] 1998-05-05 (PCT/CA98/00434)
[87] 1998-11-12 (WO98/50535)
[30] CA (2,204,572) 1997-05-06

[21] **2,289,253**
[13] A1
[51] **Int.Cl. 6A61K 39/02 6A01N 43/04 6A61K 31/70**
[25] EN
[54] **ANTI-HELICOBACTER VACCINE COMPOSITION FOR USE BY THE SUBDIAPHRAGMATIC SYSTEMIC ROUTE, AND COMBINED MUCOSAL/PARENTERAL IMMUNIZATION METHOD**
[54] **VACCIN ANTI-HELICOBACTER ADMINISTRABLE PAR VOIE GENERALE SOUS-DIAPHRAGMATIQUE, ET PROCEDE COMBINE D'IMMUNISATION PAR LES MUQUEUSES/PARENTERALE**
[72] GUY, BRUNO, FR
[72] HAENSLER, JEAN, FR
[72] WELTZIN, RICHARD A., US
[72] MONATH, THOMAS P., US
[72] LEE, CYNTHIA K., US
[71] MERIEUX ORAVAX, FR
[85] 1999-10-28
[86] 1998-04-30 (PCT/US98/08890)
[87] 1998-11-05 (WO98/48835)
[30] FR (97/05609) 1997-04-30
[30] FR (97/15731) 1997-12-08

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<p style="text-align: right;">[21] 2,289,254 [13] A1</p> <p>[51] Int.Cl. 6B25G 1/10 [25] EN [54] FINGER SUPPORTING STRUCTURE [54] STRUCTURE SUPPORT POUR DOIGT DE LA MAIN [72] CHO, MYONG HO, KR [71] CHO, MYONG HO, KR [85] 1999-10-28 [86] 1998-04-28 (PCT/KR98/00106) [87] 1998-11-05 (WO98/48979) [30] KR (1997/17165) 1997-04-28</p>	<p style="text-align: right;">[21] 2,289,257 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/40 [25] EN [54] THERAPEUTIC TREATMENT FOR SKIN DISORDERS [54] TRAITEMENT THERAPEUTIQUE DES AFFECTIONS CUTANEEES [72] VIGNATI, LOUIS, US [72] STRAMM, LAWRENCE E., US [72] JIROUSEK, MICHAEL R., US [72] WAYS, DOUGLAS KIRK, US [71] ELI LILLY AND COMPANY, US [85] 1999-10-28 [86] 1998-04-21 (PCT/US98/07808) [87] 1998-11-05 (WO98/48795) [30] US (60/044,431) 1997-04-30</p>	<p style="text-align: right;">[21] 2,289,261 [13] A1</p> <p>[51] Int.Cl. 6F01L 7/00 6F02B 57/00 [25] EN [54] A ROTARY AND RECIPROCATING INTERNAL COMBUSTION ENGINE AND COMPRESSOR [54] MOTEUR A COMBUSTION INTERNE ET COMPRESSEUR ROTATIF EFFECTUANT UN DEPLACEMENT ALTERNATIF [72] VALLEJOS, TONY, US [71] VALLEJOS, TONY, US [85] 1999-10-28 [86] 1998-03-17 (PCT/US98/05227) [87] 1998-11-05 (WO98/49430) [30] US (08/848,536) 1997-04-28</p>
<p style="text-align: right;">[21] 2,289,255 [13] A1</p> <p>[51] Int.Cl. 6E05F 11/48 [25] EN [54] WINDOW REGULATOR MECHANISM [54] MECANISME REGULATEUR DE FENETRE [72] SMITH, PETER J., CA [71] ATOMA INTERNATIONAL INC., CA [85] 1999-10-28 [86] 1998-05-06 (PCT/CA98/00422) [87] 1998-11-12 (WO98/50659) [30] US (60/045,698) 1997-05-06</p>	<p style="text-align: right;">[21] 2,289,258 [13] A1</p> <p>[51] Int.Cl. 6H05B 33/12 6H05B 33/06 6E05B 17/10 6H05B 33/10 6G09F 13/22 [25] EN [54] DISPLAY DEVICE AND METHOD THEREFOR [54] DISPOSITIF D’AFFICHAGE ET PROCEDE ASSOCIE [72] PETERSON, FRANCIS C., US [72] WALSH, DAVID, US [71] PHILLIPS PLASTICS CORPORATION, US [85] 1999-10-28 [86] 1998-04-30 (PCT/US98/08747) [87] 1998-11-05 (WO98/49873) [30] US (08/847,197) 1997-05-01</p>	<p style="text-align: right;">[21] 2,289,268 [13] A1</p> <p>[51] Int.Cl. 6A63F 7/06 [25] EN [54] COMPUTER GAMING SYSTEM [54] SYSTEME DE JEU INFORMATIQUE [72] REITZEN, ROBERT, US [72] MIERS, DARRELL, US [72] ROMMERDAHL, BILL, US [72] HUNDAL, HEIN, US [72] HESSE, MICHAEL, US [71] GAMECRAFT, INC., US [85] 1999-10-28 [86] 1998-05-05 (PCT/US98/03187) [87] 1998-12-17 (WO98/56475) [30] US (08/851,255) 1997-05-05</p>
<p style="text-align: right;">[21] 2,289,256 [13] A1</p> <p>[51] Int.Cl. 6E05D 13/00 [25] EN [54] WINDOW REGULATOR MECHANISM HAVING COUNTERBALANCING MEMBER [54] MECANISME REGULATEUR DE FENETRE AVEC ELEMENT D’EQUILIBRAGE [72] SMITH, PETER J., CA [71] ATOMA INTERNATIONAL INC., CA [85] 1999-10-28 [86] 1998-05-06 (PCT/CA98/00421) [87] 1998-11-12 (WO98/50656) [30] US (60/045,698) 1997-05-06</p>	<p style="text-align: right;">[21] 2,289,260 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/22 [25] EN [54] CONTROLLED RELEASE OF DRUGS DELIVERED BY SUBLINGUAL OR BUCCAL ADMINISTRATION [54] MEDICAMENTS A LIBERATION CONTROLEE ADMINISTRES PAR VOIE SUBLINGUALE OU BUCCALE [72] HASSAN, EMAD ELDIN, EG [72] RONSEN, BRUCE, US [72] EL-RASHIDY, RAGAB, US [71] PENTECH PHARMACEUTICALS, INC., US [85] 1999-10-28 [86] 1998-04-29 (PCT/US98/08630) [87] 1998-11-05 (WO98/48781) [30] US (08/841,250) 1997-04-29</p>	<p style="text-align: right;">[21] 2,289,269 [13] A1</p> <p>[51] Int.Cl. 6E21C 41/16 6E21C 25/60 [25] EN [54] SOFTWALL MINING METHOD AND DEVICE [54] PROCEDE ET DISPOSITIF D’EXPLOITATION MINIERE POUR FORMATIONS A PAROIS TENDRES [72] PETERSON, RANDALL D., US [71] IMC-AGRICO COMPANY, US [85] 1999-10-28 [86] 1998-05-01 (PCT/US98/08891) [87] 1998-11-12 (WO98/50682) [30] US (08/851,680) 1997-05-06</p>

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[21] **2,289,277**
[13] A1
[51] **Int.Cl. 6C12N 5/10 6C12N 15/00 6C12N 15/10 6C12N 15/11 6C12N 15/12**
[25] EN
[54] **TARGETED GENE MODIFICATION BY PARVOVIRAL VECTORS**
[54] **MODIFICATION GENETIQUE CIBLEE AU MOYEN DE VECTEURS PARVOVIRAUX**
[72] HIRATA, ROLI K., US
[72] RUSSELL, DAVID W., US
[71] UNIVERSITY OF WASHINGTON, US
[85] 1999-10-15
[86] 1998-04-20 (PCT/US98/07964)
[87] 1998-10-29 (WO98/48005)
[30] US (60/044,789) 1997-04-24

[21] **2,289,279**
[13] A1
[51] **Int.Cl. 6C22B 7/02**
[25] FR
[54] **PROCEDE DE RECYCLAGE DE DECHETS DE FONDERIES DE LAITONS**
[54] **METHOD FOR RECYCLING BRASS FOUNDRY WASTE**
[72] REVET, FLORENCE, FR
[72] WELTER, JEAN-MARIE, FR
[71] TREFIMETAUX, FR
[85] 1999-10-15
[86] 1998-04-10 (PCT/FR98/00738)
[87] 1998-10-29 (WO98/48065)
[30] FR (97/04987) 1997-04-17

[21] **2,289,280**
[13] A1
[51] **Int.Cl. 6B01D 15/00**
[25] EN
[54] **USE OF AEROGELS AS ADSORPTION AGENTS**
[54] **UTILISATION D'AEROGELS COMME AGENT D'ADSORPTION**
[72] ZIMMERMANN, ANDREAS, DE
[72] SIEVERS, WERNER, DE
[71] CABOT CORPORATION, US
[85] 1999-10-15
[86] 1998-04-17 (PCT/EP98/02283)
[87] 1998-10-29 (WO98/47594)
[30] DE (197 16 372.6) 1997-04-18
[30] DE (197 19 395.1) 1997-05-07

[21] **2,289,281**
[13] A1
[51] **Int.Cl. 6H04N 7/173**
[25] EN
[54] **TV VBI ENCODED URL WITH VIDEO STORAGE**
[54] **PROCEDE ET APPAREIL POUR PROGRAMMER DE LA VIDEO ET DU TEXTE DANS UNE EMISSION TELEVISUELLE A TEXTE AMELIORE**
[72] MANKOVITZ, ROY J., US
[71] GEMSTAR DEVELOPMENT CORPORATION, US
[85] 1999-10-15
[86] 1998-04-20 (PCT/US98/08305)
[87] 1998-10-29 (WO98/48566)
[30] US (60/044,161) 1997-04-21
[30] US (60/052,248) 1997-07-11

[21] **2,289,283**
[13] A1
[51] **Int.Cl. 6C12N 15/86 6A01K 67/027 6C12N 5/10 6C07K 14/435**
[25] EN
[54] **METASTASIS MODELS USING GREEN FLUORESCENT PROTEIN (GFP) AS A MARKER**
[54] **METASTASES MODELES UTILISANT UNE PROTEINE FLUORESCENTE VERTE (GFP) COMME MARQUEUR**
[72] TAN, YUYING, US
[72] CHISHIMA, TAKASHI, JP
[71] ANTICANCER, INC., US
[85] 1999-10-15
[86] 1998-04-28 (PCT/US98/08457)
[87] 1998-11-05 (WO98/49336)
[30] US (08/848,539) 1997-04-28
[30] US (09/049,544) 1998-03-27

[21] **2,289,285**
[13] A1
[51] **Int.Cl. 6F16F 3/10 6F16F 5/00 6F16F 13/00**
[25] EN
[54] **COMPOSITE MATERIAL SPRING MODULES WITH INTEGRALLY FORMED ATTACHMENT FITTINGS**
[54] **MODULES RESSORT EN MATERIAU COMPOSITE AVEC FIXATIONS MONOBLOC**
[72] QUINTILE, MARK J., US
[72] CONSTANTINESCU, EUGENE, US
[72] WAGNER, ROBERT F., US
[71] OHIO MATTRESS COMPANY LICENSING AND COMPONENTS GROUP, US
[85] 1999-10-15
[86] 1998-04-16 (PCT/US98/07731)
[87] 1998-10-22 (WO98/46902)
[30] US (08/843,927) 1997-04-17

[21] **2,289,287**
[13] A1
[51] **Int.Cl. 6E05D 15/52**
[25] EN
[54] **FRAME SECTION WITH A SUSPENSION ARM OR PROJECTION ARM FOR LAYING A VERTICALLY PIVOTED OR A TILT AND TURN CASEMENT**
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[72] PREVOT, GÉRARD, FR
[72] KLESPERT, SYLVAIN, FR
[71] FERCO INTERNATIONAL FERRURES ET SERRURES DE BATIMENT, FR
[85] 1999-10-15
[86] 1998-04-21 (PCT/EP98/02346)
[87] 1998-10-29 (WO98/48136)
[30] DE (297 07 358.3) 1997-04-23

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[13] A1

[51] **Int.Cl. 6B01J 8/00 6B01J 19/00
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[25] EN
[54] **GAS GENERATING SYSTEM AND
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[54] **PROCEDE ET SYSTEME DE
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[72] SMITH, RAYMOND M., US
[72] GRUBB, PAUL A., US
[72] MASTON, VALERIE A., US
[72] VANDINE, LESLIE L., US
[72] SEDERQUIST, RICHARD A., US
[72] MALINOWSKI, THEODORE S., US
[71] INTERNATIONAL FUEL CELLS
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[85] 1999-10-15
[86] 1998-04-14 (PCT/US98/07738)
[87] 1998-10-22 (WO98/46346)
[30] US (08/838,118) 1997-04-15

[21] **2,289,292**

[13] A1

[51] **Int.Cl. 6B29D 31/00 6B64C 27/473**
[25] EN
[54] **APPARATUS AND METHOD FOR
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[54] **APPAREIL ET PROCEDE POUR
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[72] LEAHY, KEVIN P., US
[72] KOVALSKY, DAVID A., US
[72] JONES, COREY D., US
[71] SIKORSKY AIRCRAFT
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[85] 1999-10-15
[86] 1998-03-25 (PCT/US98/05780)
[87] 1998-10-22 (WO98/46418)
[30] US (08/843,214) 1997-04-16
[30] US (08/838,295) 1997-04-16

[21] **2,289,291**

[13] A1

[51] **Int.Cl. 6B01J 8/00 6B01J 19/00
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[25] EN
[54] **CONTROL SYSTEM AND
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[72] VANDINE, LESLIE L., US
[72] SEDERQUIST, RICHARD A., US
[72] MALINOWSKI, THEODORE S., US
[72] GRUBB, PAUL A., US
[71] INTERNATIONAL FUEL CELLS
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[85] 1999-10-15
[86] 1998-04-14 (PCT/US98/07739)
[87] 1998-10-22 (WO98/46347)
[30] US (08/838,119) 1997-04-15

[21] **2,289,519**

[13] A1

[51] **Int.Cl. 6H04H 9/00 6H04N 7/16**
[25] EN
[54] **AUDIENCE MEASUREMENT
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[54] **SYSTEME D'AUDIMAT POUR
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[72] FEININGER, WILLIAM A., US
[72] LU, DAOZHENG, US
[71] NIELSEN MEDIA RESEARCH, INC.,
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[85] 1999-12-02
[86] 1998-07-09 (PCT/US98/14286)
[87] 1999-11-18 (WO99/59275)
[30] US (09/076,517) 1998-05-12

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[21] **2,286,491**
[13] A1
[51] Int.Cl. 6B05B 11/00 6B65D 53/04
[25] EN
[54] SEALING GASKET FOR A TRIGGER SPRAYER
[54] JOINT D'ETANCHEITE POUR PULVERISATEUR A GACHETTE
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[72] LAFFEY, MARTIN S., US
[72] NELSON, PHILIP L., US
[71] CONTINENTAL SPRAYERS INTERNATIONAL, INC., US
[22] 1992-12-30
[43] 1993-09-16
[62] 2,129,677
[30] US (07/848,706) 1992-03-09

[21] **2,289,147**
[13] A1
[51] Int.Cl. 6E21B 21/06
[25] EN
[54] APPARATUS FOR SEPARATING COMPONENTS IN WELL FLUIDS
[54] APPAREIL ET METHODE POUR SEPARER DES COMPOSANTS CONTENUS DANS DES FLUIDES DE PUIT
[72] HOMAN, EDWIN DARYL, CA
[71] ENTEST CORP., CA
[22] 1996-08-28
[43] 1997-12-28
[62] 2,184,511
[30] US (08/671,422) 1996-06-27

[21] **2,289,219**
[13] A1
[51] Int.Cl. 6C07D 471/04 6C07D 215/42
[25] EN
[54] 1-SUBSTITUTED, 2-SUBSTITUTED 1H-IMIDAZO-4,5-C|QUINOLIN-4-AMINES
[54] 1H-IMIDAZO-4,5-C|QUINOLINE-4-AMINES SUBSTITUEES EN 1 ET EN 2
[72] GERSTER, JOHN F., US
[72] CROOKS, STEPHEN L., US
[72] LINDSTROM, KYLE J., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[22] 1992-02-20
[43] 1992-09-02
[62] 2,104,782
[30] US (07/662,926) 1991-03-01
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[21] **2,289,220**
[13] A1
[51] Int.Cl. 6C07C 309/86 6C07F 5/00 6C07D 409/02 6C07D 333/22 6G01N 33/533 6C07D 333/56 6C07D 333/76 6C07C 49/813 6C07D 307/91
[25] EN
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[72] YUAN, JINGLI, JP
[72] MATSUMOTO, KAZUKO, JP
[71] SUZUKI MOTOR CORPORATION, JP
[71] MATSUMOTO, KAZUKO, JP
[22] 1996-10-11
[43] 1997-09-09
[62] 2,187,690
[30] JP (51185/1996) 1996-03-08

[21] **2,289,221**
[13] A1
[51] Int.Cl. 6C07C 309/86 6C07F 5/00 6C07D 409/02 6C07D 333/22 6G01N 33/533 6C07D 333/56 6C07D 333/76 6C07C 49/813 6C07D 307/91
[25] EN
[54] LABELED REAGENTS FOR USE IN IMMUNOASSAYS AND FLUORESCENT COMPOUNDS AND COMPLEXES USED THEREIN
[54] REACTIFS MARQUES POUR IMMUNO-ESSAIS; COMPOSES ET COMPLEXES FLUORESCENTS UTILISES DANS CES ESSAIS
[72] YUAN, JINGLI, JP
[72] MATSUMOTO, KAZUKO, JP
[71] MATSUMOTO, KAZUKO, JP
[71] SUZUKI MOTOR CORPORATION, JP
[22] 1996-10-11
[43] 1997-09-09
[62] 2,187,690
[30] JP (51185/1996) 1996-03-08

[21] **2,289,222**
[13] A1
[51] Int.Cl. 6C12N 15/86 6A61K 48/00 6C12Q 1/68 6A61K 31/70
[25] EN
[54] GENE THERAPY FOR CYSTIC FIBROSIS
[54] THERAPIE GENIQUE POUR LA FIBROSE KYSTIQUE
[72] WILSON, JAMES M., US
[72] COLLINS, FRANCIS S., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[22] 1991-09-16
[43] 1992-03-19
[62] 2,091,882
[30] US (584,275) 1990-09-18

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DRIFKA, BRIAN NORBERT	2,276,302	HALLER, DAVID K.	2,275,816	IMAI, Atsushi	2,274,422
DUCATI ENERGIA S.P.A.	2,273,478	HALLIBURTON ENERGY		INADA, Takashi	2,274,422
DUNK, MICHAEL PETER	2,276,586	SERVICES, INC.	2,274,925	INJEYAN, Hagop	2,269,375
DUNN, PETER JAMES	2,275,554	HAMACHI, TADASHI	2,275,845	INSTITUT FRANÇAIS DU	
DYKEMA, NANCY M.	2,275,543	HAMIEL, Charles Elmer	2,272,777	PÉTROLE	2,274,990
EASY HEAT LTD.	2,241,412	HAMM, John Michael	2,273,466	INSTITUT FRANCAIS DU	
EATON CORPORATION	2,276,076	HARAHUC, Lesia	2,241,064	PÉTROLE	2,276,558
EDWARDS, John R.	2,241,289	HARAHUC, LESIA	2,275,098	INTERNATIONAL BUSINESS	
EDWARDS, ROBERT E., JR.	2,276,095	HARASAKI, Kazuhiko	2,275,561	MACHINES	
EICH, Jacob	2,241,116	HARDEN, Philip Alan	2,255,166	CORPORATION	2,267,478
EL-GABALAWY, HANI	2,275,097	HARRIS, Gerald R.	2,244,763	IPEC LTD.	2,241,358
EMPIRE COMFORT SYSTEMS		HARTMAN, DAVID	2,275,812	ITO, YOSHIHARU	2,276,453
	2,268,048	HARVEY, Paul-Étienne	2,242,017	ITW-ATECO G.M.B.H.	2,274,275

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IWASENKO, Joseph	2,261,489	TECHNOLOGY	2,276,281	MAHARAJ, Sudarshan	2,237,738
IWASENKO, Joseph	2,261,527	KORNELSON, Albert	2,241,350	MAHIN-FALLAH, Ahmad	2,255,166
IZUMI, JUN	2,276,114	KOTOWSKI, Dave G.	2,274,192	MAIER, Michael C.	2,242,665
JACKSON, MICHAEL	2,275,097	KOTTHAUS, ROLF	2,275,006	MALIK, DALE W.	2,275,677
JAIN, Rajesh	2,241,647	KOVACH, JOSEPH E.	2,276,071	MANDEL, Sheldon W.	2,270,237
JANSEN, JOHANNES- RUDOLF	2,275,830	KROEMER, Guido	2,274,741	MANEZ, Angel	2,271,181
JANSEN, MICHAEL	2,275,558	KUDO, KIYOMITSU	2,275,113	MANSFIELD, JAMES R.	2,275,097
JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBI	2,273,059	KUHARA, YOSHIKI	2,275,818	MANTSCH, HENRY H.	2,275,097
JAROSINSKI, MAREK	2,276,071	KURIMOTO, MASASHI	2,276,216	MARBLER, CLAUDE A.	2,276,120
JDS FITEL INC.	2,272,469	KUROKAWA, Teruhisa	2,241,696	MARENGO, Michel	2,242,014
JOHANNSEN, MONIKA	2,275,557	KURTZ, RUEDIGER	2,275,856	MAREY, DANIEL JEAN	2,276,238
JOHNSON & JOHNSON CONSUMER COMPANIES, INC.	2,275,839	KUSTERMANN, MARTIN	2,275,856	MARSEILER, FRANZ	2,276,061
JOHNSTON, DAVID	2,276,002	KYUNG, TEI SIK	2,276,003	MARSHALL, PETER VALLANCE	2,275,554
JOINES, Penny B.	2,260,589	LABBÉ, Hélène	2,246,892	MARTIN-HELLER, Teresa	2,246,892
KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO	2,276,216	LAFUENTE, Henry	2,241,668	MASCHHOFF, Lloyd	2,268,048
KALEMPA, WALENTY	2,276,300	LANDSBERGER, David	2,273,595	MASCO TECH	2,270,014
KALEMPA, WALENTY	2,276,302	LANDSBERGER, Kurt	2,273,595	MATSUMOTO, SHOGO	2,275,787
KAMIO, KEIJI	2,275,787	LANGFORD, NEWTON	2,276,227	MATSUMOTO, Takashi	2,273,059
KAO, SUN-CHUEH	2,275,532	LAPPIN, RICK	2,275,810	MATSUNO, JUNICHI	2,275,787
KARNUTSCH, ELIAS	2,276,061	LAROIA, Rajiv	2,271,508	MATSUSHITA ELECTRIC WORKS, LTD.	2,276,453
KAROL, FREDERICK JOHN	2,275,532	LAURINI, MARCO	2,275,067	MATT, HANS JURGEN	2,275,006
KASHINO, TOSHIO	2,275,113	LAUSEN, MARCIA	2,275,524	MATHEWS, Kathryn	2,241,576
KATO, KITOSHI	2,275,851	LE LOARER, JEAN-LUC	2,276,558	MAURIN, VÉRONIQUE	2,275,265
KATO, Yu	2,274,391	LEBAIGUE, ALAIN	2,275,067	MAVINKURVE, PRAMOD S.	2,275,560
KAWABATA, Fumimaru	2,241,127	LECOMTE, DANIEL	2,275,276	MAY, Roger C.	2,238,082
KAWASAKI STEEL CORPORATION	2,241,127	LEFKER, BRUCE ALLEN	2,275,827	MAYTAG CORPORATION	2,270,237
KELLETT, K. CRAIGE	2,241,512	LEIFHEIT, DAVID H.	2,275,839	MCALPINE, WARREN W.	2,275,562
KELLETT, K. CRAIGE	2,276,084	LEIGH, James Andrew	2,242,316	MCCABE, THOMAS	2,276,593
KENNEDY, MATTHEW GORDON CHARLES	2,286,547	LEMANN, PATRICIA	2,275,978	MCCALL, DAVID	2,275,114
KERAK, Leslie Laszlo	2,272,458	LEMANN, PATRICIA	2,275,979	MCCALL, DAVID	2,275,384
KESHAVAN, MADAPUSI K.	2,276,474	LEMARE, David	2,241,523	McGOWAN, Jennifer A.	2,241,480
KESTENBERG, Martin L.	2,241,768	LEVINE, AI	2,237,737	McKAY, Nicholas D., Jr.	2,259,911
KIKUCHI, Yoshiaki	2,274,476	LIEGEOIS, CHRISTIAN	2,276,223	MCNEIL, PPC, INC.	2,275,560
KILMER, Paul R.	2,273,537	LIMBERG, Allen LeRoy	2,241,067	MEIDAN, Daniel	2,272,766
KIM, JEONG EUN	2,276,281	LIN, Chueng-Hsien	2,270,702	MEKAILIAN, PETER UWE	2,276,160
KIM, KIHONG	2,275,864	LIPOWSKI, Joseph Thaddeus	2,271,452	MELLUL, MYRIAM	2,275,265
KIMBERLY-CLARK WORLDWIDE, INC.	2,273,722	LITTLE, PHILIP V.	2,275,044	MELNIK, John	2,273,747
KING, David	2,272,469	LIU, Wenhua	2,241,476	MÉNDEZ-GALLON, BENJAMIN	2,275,856
KINGSPAN RESEARCH AND DEVELOPMENTS LIMITED	2,276,593	LOLL, ACHIM	2,276,236	MERGENS, WILLIAM JOSEPH	2,275,858
KINNEAR, Stuart Gordon	2,274,344	LONG, ROBERT	2,275,810	METZ, HANS JOACHIM	2,275,374
KITA, Katsuya	2,274,391	L'ORÉAL	2,275,265	MICHOT, Christophe	2,242,017
KNEBEL, UWE	2,275,824	L'ORÉAL	2,275,963	MICHOT, CHRISTOPHE	2,275,736
KNEESHAW, David C. O.	2,241,165	L'ORÉAL	2,275,978	MIERZWINSKI, Eugene P.	2,261,381
KOBAYASHI, KAZUO	2,275,845	L'ORÉAL	2,275,979	MIKI, Brian	2,246,892
KOEGLER, GERHARD	2,275,834	LOVADINA, MARCO	2,275,004	MILBANK, MARK CORDES	2,275,858
KOENHEN, DIRK MARINUS	2,275,158	LUCENT TECHNOLOGIES INC.	2,270,641	MILLARD, Jeff	2,241,412
KOHL, BERNHARD	2,275,856	LUCENT TECHNOLOGIES INC.	2,270,700	MILLER, MATTHEW L.	2,276,378
KOHLHAMMER, KLAUS	2,275,834	LUCENT TECHNOLOGIES INC.	2,270,702	MILLIKEN & COMPANY	2,276,496
KOMM, HANS-JOACHIM	2,275,522	LUCENT TECHNOLOGIES INC.	2,270,704	MISTRY, Balwantrai	2,241,766
KOREA RESEARCH INSTITUTE OF		LUCENT TECHNOLOGIES INC.	2,271,507	MITCHELL, DANIEL R.	2,275,105
		LUCENT TECHNOLOGIES, INC.	2,271,508	MITCHELL, R.W. (Rick)	2,241,354
		LUCENT TECHNOLOGIES, INC.	2,269,166	MITEL SEMICONDUCTOR LIMITED	2,276,002
		LUNSFORD, John P.	2,274,270	MITSUBISHI DENKI KABUSHIKI KAISHA	2,274,282
		M&FC HOLDING COMPANY, INC.	2,273,718	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,276,114
		MACKELVIE, Winston R.	2,241,566	MONINO, Anita G.	2,238,082
				MOOR, Richard L.	2,242,665
				MOORE U.S.A., INC.	2,242,665
				MORGAN, CARL A.	2,275,121
				MORGAN, PAUL MCDONALD	2,276,075

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MORITA, YOSHITSUGU	2,275,845	ORTHO-CLINICAL		RICH, ROGER K.	2,276,226
MR. PAYROLL		DIAGNOSTICS	2,275,844	RICHARDSON, BRUCE	2,275,864
CORPORATION	2,276,017	OSHIMA, HISATO	2,275,984	RIHACZEK, CLEMENS	2,275,042
MUELLER, Susan	2,241,576	OSHIMA, HISATO	2,276,144	RITE-HITE HOLDING	
MURAKAMI, Kazuyuki	2,271,976	OSRAM SYLVANIA INC.	2,267,917	CORPORATION	2,276,655
MURATA MANUFACTURING		OSTROM, Devin J.	2,241,575	ROBA, Giacomo Stefano	2,274,361
CO., LTD.	2,275,984	OUELLET, Therese	2,246,892	ROCHFORD, MALCOLM	2,276,593
MURATA MANUFACTURING		OUTOKUMPU OYJ	2,273,772	ROGERS, David L.	2,270,014
CO., LTD.	2,276,144	OW, SAY KYOUN	2,276,281	ROMISCH, JURGEN	2,276,785
MYERS, John P.	2,270,237	OWENS-ILLINOIS CLOSURE		ROSENFELD, LEONARD G.	2,275,560
NAKAJIMA, Isao	2,271,976	INC.	2,275,370	ROSEY, Everett Lee	2,242,316
NAKAJIMA, Yasuhisa	2,274,396	OXLEY, Jeffery Allen	2,265,117	RUIZ, Guillermo A.	2,273,450
NAKAMURA, MASASHI	2,275,672	OZAKI, MASARU	2,275,845	RULIS, DEAN A.	2,276,095
NAKAYAMA, Yoshiyuki	2,274,476	PADLIYA, Dilipkumar	2,241,486	R-VISION, INC.	2,273,452
NALCO/EXXON ENERGY		PAGE, MARTIN	2,275,114	RYTEC CORPORATION	2,276,300
CHEMICALS, L.P.	2,274,925	PAGE, MARTIN	2,275,384	RYTEC CORPORATION	2,276,302
NAQVI, Shamim A.	2,269,166	PALESE, Stephen P.	2,269,375	SABNANI, Krishan Kumar	2,270,702
NARAYANASWAMY, Shankar	2,270,641	PANACEA BIOTEC LIMITED	2,241,647	SAITO, SATORU	2,276,787
NÄSMAN, JAN ANDERS		PANARELLA, Emilio	2,241,116	SAKAMOTO, KUMETARO	2,275,018
HARRY	2,275,381	PASKIEWICZ, Ronald	2,274,940	SAKASEGAWA, SHINJI	2,276,453
NATIONAL RESEARCH		PASQUANTINO, BERNARD D.	2,275,101	SAMILA, Ivan D.	2,241,575
COUNCIL OF CANADA	2,275,097	PATRICK, RODNEY LANE	2,276,160	SAMSUNG ELECTRONICS	
NAUMANN, Stephen	2,241,575	PAUL, Sanjoy	2,270,702	CO., LTD.	2,241,067
NEC CORPORATION	2,275,561	PATRICK, Kathryn D.	2,242,665	SANDEN CORPORATION	2,276,787
NEC CORPORATION	2,275,563	PFIZER INC.	2,242,316	SARCHI, Davide	2,274,361
NEC CORPORATION	2,275,862	PFIZER PRODUCTS INC.	2,275,827	SARTORI, Francesco Gabriele	2,274,361
NEC CORPORATION	2,276,378	PFIZER RESEARCH AND		SASAKI, Takuji	2,273,059
NEDEZ, CHRISTOPHE	2,276,558	DEVELOPMENT		SATTLER, ANDREAS	2,275,830
NELCO INTERNATIONAL		COMPANY, N.V./S.A.	2,275,554	SAUER, PETER	2,275,006
CORPORATION	2,273,542	PHILIPPE, Albert	2,241,116	S-B POWER TOOL COMPANY	2,254,404
NEMOTO, Hiroshi	2,241,696	PHILLIPS, Gregory J.	2,260,589	SCARR, William Danny	2,270,842
NEWNES MACHINE LTD.	2,241,481	PHILLIPS, Martyn Stanley	2,275,675	SCHÄFER, PETER	2,276,236
NEWNES, William R.	2,241,481	PHILLIPS, Richard Stanley	2,275,675	SCHLUMBERGER CANADA	
NEXTEC APPLICATIONS,		PHOENIX INTERNATIONAL	2,255,166	LIMITED	2,273,126
INC.	2,276,160	PHYTOGEN		SCHMIDT, MARTIN ULRICH	2,275,374
NGK INSULATORS, LTD.	2,241,696	PHARMACEUTICALS,		SCHMITZ, Donald Edwin	2,267,478
NICHOLSON, Leroy E.	2,274,997	INC.	2,276,003	SCHMUCK, HARALD	2,275,823
NIELSEN MEDIA RESEARCH,		PICCOLO, Vincenzo	2,274,990	SCHNEIDER, JURGEN	2,275,830
INC.	2,247,706	PIRELLI CAVI E SISTEMI		SCHOLZ, John A.	2,267,917
NISHIDA, YOSHIHIRO	2,276,216	S.P.A.	2,274,361	SCHUBERTH, OLIVER	2,276,061
NIZNICK, GERALD A.	2,276,116	PITRE, Daniel	2,250,277	SCHUCHARDT, HEINRICH	2,275,376
NOGA, TAKEHIRO	2,275,862	POPADIUK, JOHN A.	2,275,517	SCHWAB, EKKEHARD	2,275,531
NORTEL NETWORKS		POPADIUK, JOHN A.	2,276,078	SCHWINGHAMMER, Scott	2,273,346
CORPORATION	2,275,829	PORCHERON, FRANÇOIS	2,275,977	SCOTT, GEORGE L., III	2,275,121
NORTEL NETWORKS		POST, Cliff J.	2,242,665	SEIDL, SUSANNE	2,275,834
CORPORATION	2,275,864	POSTLINEAR MANAGEMENT		SEKI, Wataru	2,274,422
CORPORATION	2,275,913	INC.	2,242,069	SEKIMORI, Toshiyuki	2,274,476
NORWINE, Jeffrey A.	2,260,589	POWELL, JON F.	2,275,543	SEPEQ B.V.	2,275,158
NOTTMEIER, CORD	2,275,522	PROEBSTL, HERBERT	2,275,834	SHIKAMA, TAKASHI	2,275,984
NUSCH, DIETMAR	2,275,824	PUNJA, ZAMIR K.	2,276,003	SHIKAMA, TAKASHI	2,276,144
NUSCO MANUFACTURING &		RABBANI, Elazar	2,273,064	SHIMAZU, SATOSHI	2,275,113
SUPPLY LTD.	2,241,354	RADHAKRISHNAN,		SHIN, JONG HO	2,276,281
OAMI, RYOMA	2,276,378	Chidambaram	2,237,740	SHIRAKI, KAZUO	2,276,014
O'BOYLE, Leonard Edward	2,271,452	RAMASWAMY, Shankar	2,267,478	SHIVELY, Terrence Allen	2,271,375
O'BRIEN, DARRIN S.	2,275,788	RAPPAPORT, Mark	2,241,522	SIECOR OPERATIONS, LLC	2,275,484
OFFICINE MECCANICHE		RECKITT & COLMAN INC.	2,268,863	SIECOR OPERATIONS, LLC	2,275,562
LAURINI LODOVICO &		REES, WAYNE M.	2,275,839	SIMON, JEAN-CHRISTOPHE	2,275,963
C. S.N.C.	2,275,067	REGAZZI, Gianni	2,273,478	SINGH, Amarjit	2,241,647
OGINO, AKIRA	2,275,672	REHBERG, Karsten	2,274,275	SINGLA, Anil	2,241,647
OKADA, HIROYUKI	2,275,851	REHBERG, Karsten	2,274,276	SKALON, JOHN W.	2,276,078
OKATSU, Mitsuhiro	2,241,127	REICH, STEFAN	2,275,856	SKARIE, Christopher Jason	2,255,166
OKURA, TAKANORI	2,276,216	REICHGOTT, David W.	2,238,082	SMITH INTERNATIONAL,	
OOMORI, Mutsuhiro	2,274,391	RETAIL MARKETING		INC.	2,276,474
ORBIT TOOLS LIMITED	2,239,387	SERVICES	2,239,387	SMITH, Harold R., Jr.	2,270,700
		REYMONET, JEAN-LOUIS	2,275,737	SMITH, JAMES E.	2,276,076

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NESTLE S.A.	2,271,181	TELEFLEX INCORPORATED	2,273,143	VASILATOS, A. J.	2,275,524
SOCIETE DES PRODUITS		TEMPLER, JOHN W., JR.	2,276,017	VAUDREUIL, Gregory M.	2,271,507
NESTLE S.A.	2,271,455	TERAUCHI, HITOSHI	2,275,818	VIRTANEN, Matti	2,273,772
SOCIETE DES PRODUITS		TETRO, Jason Anthony	2,237,739	VISKASE CORPORATION	2,265,117
NESTLE S.A.	2,273,466	TEXTRON INC.	2,276,226	VOITH SULZER	
SOCIÉTÉ NATIONALE		THE GOODYEAR TIRE &		PAPIERTECHNIK	
D'ÉTUDE ET DE		RUBBER COMPANY	2,272,777	PATENT GMBH	2,275,856
CONSTRUCTION DE		THE GOVERNORS OF THE		WACKER-CHEMIE GMBH	2,275,834
MOTEURS D'AVIATION		UNIVERSITY OF		WAKEFIELD, G. STEVE	2,275,101
"SNEC	2,276,238	ALBERTA	2,241,359	WAKO PURE CHEMICAL	
SOEDA, TAKAHIKO	2,276,089	THE LUBRIZOL		INDUSTRIES, LTD.	2,276,014
SOLHEIM, ALAN G.	2,275,913	CORPORATION	2,275,056	WALKER DOWNRIGGERS,	
SOLLAC	2,274,631	THE LUBRIZOL		INC.	2,275,852
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SONY CORPORATION	2,274,396	THIEL, PATRICK L.	2,276,225	WALZ, David K.	2,261,880
SONY CORPORATION	2,275,672	THOM, Paul	2,273,595	WANG, Jin-Der	2,271,508
SOWA, MICHAEL G.	2,275,097	THOMAS & BETTS		WANG, Qinhua	2,267,478
SPECIALTY COATINGS LTD.	2,241,695	INTERNATIONAL, INC.	2,275,044	WARNER, THOMAS P.	2,276,028
SPIEGEL, Alan	2,273,595	THOMPSON, Jane Ann	2,270,704	WASCOW, Joseph Z.	2,254,404
ST. PIERRE, Randall J.	2,269,375	THOMPSON, Robin Jeffrey	2,270,704	WEINER, Heiko	2,274,275
STAINLESS INCORPORATED	2,273,450	THURIES, EDMOND	2,276,562	WEN, Jack Chi-Chieh	2,271,452
STAMEY, Willie, Luther Jr.	2,271,375	TIAN, Lining	2,246,892	WESTERN ATLAS	
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G.	2,273,064	TIRLONI, Bartolomeo Italo	2,274,361	WESTGATE, Walter Kevin	2,272,777
STECKEL, THOMAS F.	2,275,056	TOJIMA, Kazuo	2,274,476	WHEATCROFT, Roger George	
STECKEL, THOMAS F.	2,275,059	TOMONAGA, NARIYUKI	2,276,114	Laurence	2,255,850
STEGER, Rudy	2,272,766	TONEN CORPORATION	2,271,976	WHEELER, Douglas J.	2,273,143
STEINMANN, ALFRED	2,275,381	TORCHET, PASCAL	2,275,734	WHITE, Craig	2,241,523
STEWART, CHRISTINE	2,276,003	TORKILSEN, Joel	2,273,747	WIGHT, Geoff	2,241,481
STINSON, MICHAEL C.	2,276,017	TOYOTA JIDOSHA		WILBANKS	
STRATICO, Gianfranco	2,274,298	KABUSHIKI KAISHA	2,274,476	INTERNATIONAL, INC.	2,276,095
STRECK, Hans-Dieter	2,242,979	TREMBLAY, Yves	2,272,469	WILLIAMS ELECTRONICS	
STROBEL STEWART, Lorna	2,242,069	TRIPPS, JOHN	2,275,829	GAMES, INC.	2,275,517
STURIES, Jens	2,274,275	TRI-STAR ELECTRONICS		WILLIAMS ELECTRONICS	
STURIES, Jens	2,274,276	INTERNATIONAL, INC.	2,272,458	GAMES, INC.	2,276,078
SUGITANI, MASAMI	2,275,984	TROGISCH, GUNTER	2,276,236	WILLIAMS, Dennis A.	2,274,925
SUGITANI, MASAMI	2,276,144	TRUAX, DAVID	2,276,474	WILLIAMSON, KENNETH	
SUMITOMO ELECTRIC		TRW INC.	2,269,375	GRAEME	2,276,075
INDUSTRIES, LTD.	2,275,818	TSAI, Chong-Shien	2,265,024	WILLIAMSON, Richard	2,241,359
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SUNTORY LIMITED	2,275,060	TURCOTTE, Steven Luc	2,237,111	WOOD, Bradford R.	2,273,626
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SUZUKI, ISAMU	2,275,098	UDELL, MARK A.	2,276,226	WOODS, JOANNA JAYNE	2,275,554
SUZUKI, MITSUO	2,275,787	UEBERSCHÄR, MANFRED	2,275,856	WU, Arthur	2,239,387
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MUSIICO, VLADIMIR D.	2,288,628	JOSEPHINE	2,288,735	POLEGATO, MARIO	2,289,227
MUZZIN, PATRICK	2,288,901	O'MAHONY, PATRICK		POLIAKOV, EVGUENI	
NACCACHE, DAVID	2,288,767	BRENDAN	2,288,932	GEORGICVICH	2,288,658
NAGATA, NORIO	2,288,863	ONSOYEN, EDVAR JARLE	2,288,743	POLIAKOVA, LARISSA	
NAKAGAWA, TAKASHI	2,288,686	OPHAUG, DARRELL P.	2,288,835	PETROVNA	2,288,658
NAKANISHI, SEIKI	2,288,968	OPTIMA BATTERIES, INC.	2,288,847	POLITECHNIKA	
NATIONAL SILICATES LTD.	2,288,808	ORGANOGENESIS INC.	2,288,823	WARSZAWSKA	2,288,653
NATIONAL TOOL &		ORNATH, FREDY	2,288,969	PORETSKY, SCOTT MICHAEL	2,288,772
MANUFACTURING CO.	2,288,702	OSIRIS THERAPEUTICS, INC.	2,288,690	PORTA, CRISTINA	2,288,970
NEGUS, STEPHEN H.	2,289,070	OSSENBRINK, HEINZ	2,288,711	POSTELWAIT, LARRY L.	2,288,846
NERGECO	2,288,652	OSSUR HF	2,288,935	PRAKASH, G. K. SURYA	2,288,712
NESBURN, ANTHONY B.	2,288,622	OSSUR USA, INC.	2,288,935	PRENCIPE, MICHAEL	2,288,794
NEUMANN, PETER	2,288,810	OSTERGAARD, JENS	2,288,739	PRESSTEK, INC.	2,289,214
NEWBY, RICHARD A.	2,288,796	OTTEN, MARTINA	2,289,003	PRESTA, LEONARD G.	2,288,600
NEWSON, RICHARD JOHN	2,288,611	PAHLCK, HAROLD E.	2,288,870	PREVOT, GÉRARD	2,289,287
NEYMAN, IGOR	2,289,198	PAICE, MARK EDWARD		PRIDDY, DUANE B.	2,288,857
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NICKIAS, PETER N.	2,288,893	PALL CORPORATION	2,289,230	LIMITED	2,288,664
NIDY, ELDON GEORGE	2,288,750	PANNU, SUKBIR SINGH	2,288,861	PROVENIERS, MARCEL	2,288,641
NIELSEN MEDIA RESEARCH,		PARIKH, DEEPAK R.	2,288,893	PRS, LLC	2,288,623
INC.	2,289,519	PARK, JIN-SOO	2,288,779	PTCHELINTSEV, DMITRI	2,288,760
NIHON SUPERIOR SHA CO.,		PARK, SU WON	2,288,814	PURCELL, DAVID A.	2,288,730
LTD.	2,288,817	PARKER, JERRY JOE	2,288,763	PURTON, ROBERT M.	2,288,656
NILSSON, MATS	2,289,204	PARRY, TOM	2,288,640	PUSATERI, DANIEL S.	2,288,883
NIPPON STEEL CORPORATION	2,288,666	PARSONS, JOHN HENRY	2,288,735	PUSTOVOI, VYACHESLAV	
NISHIMURA, TETSURO	2,288,817	PARTIS, RICHARD A.	2,288,741	VASILIEVICH	2,288,993
NISHIYAMA, EIJI	2,288,852	PASTEL, DAVID A.	2,288,765	QUADRUM	
NISSIM, OFER	2,288,646	PASTEUR MERIEUX SÉRUMS		TELECOMMUNICATIONS	
NITSCH, MARTIN	2,288,848	ET VACCINS	2,289,009	INC.	2,288,663
NOGUCHI, TERUHISA	2,287,900	PATTON, JASSON T.	2,288,893	QUALCOMM INCORPORATED	2,289,212
NOKIA NETWORKS OY	2,288,609	PAVLOVIC, VLADIMIR	2,289,208	QUALCOMM INCORPORATED	2,289,231
NOKIA TELECOM-		PAZDERSKY, KRISTIAN	2,288,749	QUINTILE, MARK J.	2,289,285
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NORSK HYDRO ASA	2,288,717	PEETS, ROY A.	2,288,841	TECHNOLOGIES LTD.	2,288,969
NORTEL NETWORKS		PELLEG, AMIR	2,288,821	R.D.I.H. SPRL	2,288,955
CORPORATION	2,288,763	PELLINGRA, SALVATORE		RADDING, JEFFREY ALAN	2,288,974
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RAVEENDRANATH, PANOLIL	2,289,008	SAKURAI, KATSUMI	2,288,694	FEDOROVICH	2,289,223
REAL VISION CORPORATION	2,288,819	SALLINEN, JUKKA	2,288,650	SIDHU, HARMEET	2,288,709
RECKITT & COLMAN		SALMINEN, KARI	2,288,849	SIEMENS	
PRODUCTS LIMITED	2,288,743	SALMINEN, KARI	2,288,856	AKTIENGESELLSCHAFT	2,288,676
RED FIG LIMITED	2,288,900	SAMPATH, KUBER T.	2,289,123	SIEMENS	
REDDY, SATAYANARAYANA		SAMSUNG ELECTRONICS CO.,		AKTIENGESELLSCHAFT	2,289,229
G.	2,288,710	LTD.	2,288,682	SIEMENS WESTINGHOUSE	
REDDY, SATAYANARAYANA		SAMSUNG ELECTRONICS CO.,		POWER CORPORATION	2,288,796
G.	2,289,209	LTD.	2,288,779	SIEMENS WESTINGHOUSE	
REDING, BRUCE W.	2,288,765	SAMSUNG ELECTRONICS CO.,		POWER CORPORATION	2,288,839
REEVES, CHARLIE	2,288,904	LTD.	2,288,814	SIEVERS, WERNER	2,289,280
REHRIG INTERNATIONAL, INC.	2,289,216	SANOFI-SYNTHELABO	2,288,637	SIKORSKY AIRCRAFT	
REICH KG REGEL - UND		SANOFI-SYNTHELABO	2,288,956	CORPORATION	2,289,292
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REITZEN, ROBERT	2,289,268	SASAKI, MAKOTO	2,288,807	SIMPSON, MICHAEL S.	2,288,845
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REYNER, EMERSON M., II	2,288,791	SCHAUS, JOHN MEHNERT	2,288,897	SMILLIE, BENJAMIN ANDREW	2,288,865
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RIBOZYME		KABUSHIKI KAISHA	2,288,726	SMITH, RAYMOND M.	2,289,291
PHARMACEUTICALS, INC.	2,288,640	SCHICK, KARL G.	2,288,697	SMITHKLINE BEECHAM	
RICHARD, HARRY GENE	2,288,681	SCHIKOWSKY, HARTMUT	2,288,803	CORPORATION	2,288,722
RICHARD, HERVÉ	2,288,998	SCHITTNY, STEPHAN	2,288,987	SMITHKLINE BEECHAM	
RICHARDSON, CAROLYN		SCHLEH, RUDOLF	2,288,816	CORPORATION	2,288,868
ANNE	2,288,720	SCHMIDT, VOLKMAR		SMITHKLINE BEECHAM	
RICHTER, ROBIN	2,288,804	MANFRED	2,288,678	CORPORATION	2,288,986
RICKETTS, ANTHONY PAUL	2,288,759	SCHMITZ, TRACY	2,289,124	SMITHKLINE BEECHAM	
RITTER, THOMAS E.	2,288,683	SCHMITZ, TRACY	2,289,125	CORPORATION	2,288,988
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C.	2,288,884	SCHORNICK, GUNNAR	2,288,708	SMITHKLINE BEECHAM P.L.C.	2,288,850
ROBERT, ALEXANDRE MICHEL	2,288,773	SCHREY, GUNTER	2,288,654	SMITHKLINE BEECHAM P.L.C.	2,288,868
ROBERT, LADISLAS	2,288,773	SCHUBERT, WERNER	2,288,766	SMITHKLINE BEECHAM P.L.C.	2,288,899
ROBERTS, RICK D.	2,288,768	SCHUELLER, RANDOLPH D.	2,288,912	SMOLINSKI, GERALD J.	2,288,882
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ROCHE DIAGNOSTICS GMBH	2,288,977	SCHUTT, HENRY	2,288,834	SNAP-ON TECHNOLOGIES, INC.	2,288,932
RODEL, WOLFGANG	2,288,649	SCHWARZ, HANS-PETER	2,288,737	SNAP-ON TOOLS COMPANY	2,288,842
RODGERS, ROBERT E., JR.	2,288,114	SCIOLOG, INC.	2,288,697	SNAP-ON TOOLS COMPANY	2,288,882
RODILLA SALA, VINCENTE	2,288,875	SEAGER, RICHARD H.	2,288,696	SNAP-ON TOOLS COMPANY	2,288,883
ROHM GMBH	2,288,803	SEDERQUIST, RICHARD A.	2,289,290	SNAP-ON TOOLS COMPANY	2,288,884
ROMMERDAHL, BILL	2,289,268	SEDERQUIST, RICHARD A.	2,289,291	SNOW BRANDS MILK	
RONSEN, BRUCE	2,289,260	SEPLow, SEYMOUR	2,288,669	PRODUCTS CO., LTD.	2,288,881
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ROSI, ALESSANDRO	2,288,647	IVANOVICH	2,288,993	SOKILDE, BIRGITTE	2,289,001
ROSS, DAVID WILLIAM	2,288,972	SEVIGNY, CLAUDE	2,288,829	SOLVAY (SOCIÉTÉ ANONYME)	2,288,939
ROUSTAEL, ALEXANDER R.	2,288,758	SHAH, PURVI	2,287,779	SOLVAY (SOCIÉTÉ ANONYME)	2,288,940
RUEGER, DAVID C.	2,288,902	SHAH, SYED M.	2,288,999	SONDERGELD, WERNER	2,288,792
RUFFOLO, ROBERT R., JR.	2,288,722	SHAH, SYED M.	2,289,006	SORIANI, SALVATORE	2,288,634
RUSHTON, ALAN	2,288,761	SHAH, SYED M.	2,289,008	SOWELL, C. GREGORY	2,288,601
RUSSELL, DAVID W.	2,289,277	SHAMIR, ADI	2,288,837	SOYKA, RAINER	2,288,744
RUSSELL, ROBERT L.	2,288,764	SHELDON, JOHN	2,288,681	SPALTMANN, DIRK	2,288,872
RUSSELL, ROBERT L.	2,288,871	SHELL CANADA LIMITED	2,289,129	SPEER, DREW VE	2,288,616
RUTLEDGE, PETER JOHN	2,288,928	SHEN, YAN-FEI	2,288,604	SQUARE D COMPANY	2,288,831
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STANLEY FASTENING		TARIM ASSOCIATES FOR		THE STANDARD REGISTER	
SYSTEMS, L.P.	2,289,002	SCIENTIFIC MINERAL		COMPANY	2,288,985
STANLEY, JOHN	2,288,715	AND OIL EXPLORATION		THE TRUSTEES OF COLUMBIA	
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STELLA, VALENTINO K.	2,289,202	TECHNISCHE UNIVERSITEIT		OF NEW YORK	2,288,811
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STEMP, GEOFFREY	2,288,899	TECHNOSTAR CO., LTD.	2,288,714	QUEENSLAND	2,288,720
STERNFELD, FRANCINE	2,288,789	TEIJIN LIMITED	2,288,694	THE VALSPAR CORPORATION	2,288,644
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STEVENSON, SUSAN C.	2,289,215	TELEFONAKTIEBOLAGET LM		THOMAS, JAMES COOPER	2,288,768
STEWART, STEVEN JOHN	2,289,205	ERICSSON	2,288,635	THOMEY, HENRY W.	2,288,748
STEWART, WALTER EDWARD	2,289,004	TELEFONAKTIEBOLAGET LM		THOMPSON, JAMES	2,288,640
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STIRLING, HUGH GERALD	2,288,972	TELEFONAKTIEBOLAGET LM		THOMSON INDUSTRIES, INC.	2,288,752
STISO, ALBERT J.	2,288,728	ERICSSON	2,288,820	THORNTON, CHARLES G.	2,288,457
STOCK, GERHARD	2,288,632	TELEFONAKTIEBOLAGET LM		TICK, PAUL A	2,288,888
STOLL, RAINER	2,288,930	ERICSSON	2,288,873	TILLYER, RICHARD D.	2,289,206
STOLLERY, DAVID	2,288,625	TELEFONAKTIEBOLAGET LM		TISSUE ENGINEERING, INC.	2,288,975
STOMP, ANNE-MARIE	2,288,895	ERICSSON	2,288,907	TOBIN, ELAINE	2,288,976
STORY, JAMES B.	2,289,004	TELEFONAKTIEBOLAGET LM		TOCHIHARA, MISAKO	2,288,864
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STRATTON, CHARLES W.	2,289,228	TELEMARK TECHNOLOGY,		TOGAMI, DAVID W.	2,288,813
STREET, LESLIE JOSEPH	2,288,789	INC.	2,288,638	TOKHEIM CORPORATION	2,288,715
STREET, STEPHEN DEREK		THALHEIMER, JAMES J.	2,288,728	TOMA, DANIELA	2,288,677
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RICHARD	2,289,229	COMPANY	2,288,857	TRANSGENOMIC, INC.	2,288,813
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SUGEN, INC.	2,288,778	COMPANY	2,288,893	TREFIMETAUX	2,289,279
SUGIMOTO, YASUAKI	2,288,627	THE FREDERICKS COMPANY	2,288,798	TRESS, WERNER	2,288,615
SUGIMURA, KENJI	2,288,686	THE GENERAL HOSPITAL		TRONSTAD, RAGNAR	2,288,701
SULE, SAMEER S.	2,289,130	CORPORATION	2,287,774	TROTTER, EDWARD E.	2,288,736
SUN, LIN	2,288,976	THE GILLETTE COMPANY	2,288,604	TRUSTEES OF TUFTS COLLEGE	2,289,124
SUNDARAM, HARI	2,288,811	THE JOHNS HOPKINS		TRUSTEES OF TUFTS COLLEGE	2,289,125
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SUPIMA HOLDINGS INC.	2,288,756	THE MORGAN CRUCIBLE		TUCKER, MARJORIE M.	2,288,902
SURGICAL DYNAMICS, INC.	2,288,768	COMPANY PLC	2,288,725	TULONEN, ERNO	2,288,771
SVENSSON, PEEHR MATHIAS		THE MORGAN CRUCIBLE		TURECEK, PETER	2,288,737
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LTD.	2,288,966	COMPANY	2,288,721	CORPORATION	2,288,889
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