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

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Avis important aux abonnés

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

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

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

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

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

Avis

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

Dates

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

Chiffres de code

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

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

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

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

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

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

Avis

2. Country Code

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

3. Canadian Class Titles

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

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

4. Class Schedules and Definitions

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

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

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

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

2. Code des pays

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

3. Liste des classes canadiennes

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

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

4. Listes et définitions des classes

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

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

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

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

Notices

6. Orders for Patents by Class or Sub-Class

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

7. Advice on Making a Patent Application

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

8. Licensing of Patents

Voluntary Licences

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

Compulsory Licences

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

9. Patents Available for Licence or Sale

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

6. Conseils relatifs à la préparation de demandes de brevets

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

7. Conseils relatifs à la préparation de demandes de brevets

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

8. Octroi de licences en vertu des brevets

Licences librement accordées

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

Licences obligatoires

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

9. Brevets disponibles pour licence ou vente

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

10. List of Patents Available for Licence or Sale

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

2,150,875
2,219,046

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. 1,172,400 which issued on August 7, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

12. Laid-Open Applications

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

13. Language of Published Documents

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

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

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

2,150,875
2,219,046

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 7 août 1984 sont maintenant expirés, jusque et y compris le no. 1,172,400. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

12. Demandes mises à la disponibilité du public

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

13. Langue du document publié

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

Notices

14. Patent Cooperation Treaty (PCT)

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

SCHEDULE OF FEES APPLICABLE AS OF APRIL 1, 2001

BARÈME DE TAXES À PARTIR DU 01 AVRIL 2001

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

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

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

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

Preliminary Examination

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

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

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

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

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

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

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

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

Examen préliminaire

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

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

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

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

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>.

Erratum

Please note that "Canadian Patents Issued" chapter of edition no.30, volume 129 of Canadian Patent Office Record published on July 24th contained incorrect information. No patent was granted for application 2,135,310.

16. Lay-Open Applications

The Patent Office Record of August 7, 2001 contains laid-open applications from July 15, 2001 - July 21, 2001.

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>.

Erratum

Veillez prendre note que le chapitre "Brevets canadiens délivrés" de l'édition numéro 30, volume 129, publié le 24 juillet dernier, contenait de l'information erroné. Aucun brevet n'a été délivré à l'application 2,135,310.

16. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 15 juillet 2001 - 21 juillet 2001.

Canadian Patents Issued

August 7, 2001

Brevets canadiens délivrés

7 aout 2001

[11] 1,341,280 [13] C	[11] 1,341,282 [13] C	[11] 2,013,871 [13] C
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CATALYSEUR A BASE DE
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[54] **PROCESS FOR THE EXTRUSION PREPARATION OF ACTIVES GRANULES**
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[54] DISPOSITIF DE DELIVRANCE DES
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CULTURE MEDIA COMPRISING
CYCLODEXTRINS,
METHYLCELLULOSE OR MIXTURES
THEREOF**
[54] **METHODE DE CULTURE DE
MICRO-ORGANISMES DES GENRES
HELICOBACTER, CAMPYLOBACTER
ET ARCOBACTER EN UTILISANT DES
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[54] **METHODE ET SYSTEME DE
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[13] C

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[51] Int.Cl. 5H01M 6/18
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[51] **Int.Cl. 5B41J 2/01**
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[72] Endo, Hiroshi, JP
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[11] **2,122,623**
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[73] Calgon Carbon Corporation, US
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[54] VACCINE COMPOSITION FOR ELICITING AN IMMUNE RESPONSE AGAINST N-GLYCOLYLATED GANGLIOSIDES AND ITS USE FOR CANCER TREATMENT
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[72] Molina, Luis E. F., CU
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[73] HALLIBURTON COMPANY, US
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[13] C

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[73] ALCON LABORATORIES, INC., US
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[30] US (08/148,521) 1993-11-15

[11] **2,153,634**
[13] C

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[30] US (08/017,478) 1993-02-12

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[13] C

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[30] FR (95.00033) 1995-01-04

[11] 2,162,110
[13] C

[51] Int.Cl. 6B27G 5/02
[25] EN
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[72] Freeland, Neil, GB
[72] Freeland, Stuart, GB
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[54] **OPTIMISATION DES REGLAGES DES PRISES D'UN FILTRE ADAPTATIF POUR LES ELIMINATEURS D'ECHOS ACOUSTIQUES DE SOUS-BANDE UTILISES DANS LES TELECONFERENCES**
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[13] C

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[25] EN
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[54] **ARCHITECTURE DE RESEAU ELECTRONIQUE CONFORMATEUR DE FAISCEAU POUR APPLICATIONS A COMMANDE DE PHASE**
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[73] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER, CA
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[51] **Int.Cl. 6A46B 13/02 6A46B 17/00 6A61C 17/00**
[25] EN
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[54] **INSTRUMENT POUR L'HYGIENE BUCCALE**
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[54] **METHODES ET DISPOSITIF POUR LA PERFORATION DES SURFACES LISSES A ALVEOLES FERMEES DE FEUILLES EN PLASTIQUE ET L'OBTENTION DE FEUILLES A ALVEOLES OUVERTES**
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DEVICE HAVING SAID LEAD FRAME
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[72] Perry, David T., US
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MATERIAL
[54] METHODE ET APPAREIL POUR
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[13] C

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[54] **POLARISATION DES DEUX BROSSES D'UN DISPOSITIF DE NETTOYAGE NE NECESSITANT PAS LE PRENETTOYAGE DU COROTRON DANS UN APPAREIL TRIBOELECTRIQUE UTILISANT UN TONER NEGATIF**
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[13] C

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[25] EN
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[54] **COMPOSE A JOINT DE TYPE A DURCISSEMENT PRET A L'EMPLOI ET METHODE DE FABRICATION**
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[13] C

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[11] **2,196,394**
[13] C

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[54] **METHODE ET APPAREIL DE RETENUE ET DE MONTAGE A DOUBLE AGRAFE**
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DOPAMINE RECEPTOR SUBTYPE
SPECIFIC LIGANDS
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[72] YUAN, Jun, US
[73] NEUROGEN CORPORATION, US
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[54] METHODE DE SEGMENTATION
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[72] MORIKAWA, Hiroki, JP
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[54] **METHODE ET SYSTEME DE SIGNALISATION DPSK-PSK UNIFIEE POUR TELECOMMUNICATIONS PAR SATELLITE AMRC**
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[54] **PULVERISATEUR A GACHETTE DOTE D'UN BATI A DEUX PIECES**
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[73] Mocal Energy Limited, JP
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[73] Gulf Canada Resources Limited, CA
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[72] WEISS, Udo, DE
[72] JOIST, Michael, DE
[72] PFEIFER, Klaus, DE
[72] THALAU, Klaus-Michael, DE
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AVOIDANCE USING RTS/CTS
EXCHANGES**
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[13] C

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[54] **METHODS AND APPARATUS FOR
INCREASING ACCEPTANCE AND
ADJUSTING THE RATE OF PRESSURE
VARIATIONS WITHIN A
PRESPECIFIED RANGE IN
PRECHARGED FLUID STORAGE
SYSTEMS**
[54] **METHODES ET DISPOSITIF POUR
AUGMENTER LA CAPACITE ET
CONTROLLER LA VITESSE DE
VARIATION DE PRESSION A
L'INTERIEUR D'UNE PLAG
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[13] C

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CORRECTLY DETECTING POWER
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[54] **TERMINAL D'INFORMATIONS
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[73] EMS TECHNOLOGIES CANADA,
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TRACKING FINGER OFF-SET IN A
SPREAD-SPECTRUM RAKE
RECEIVER AND WIRELESS
INFRASTRUCTURE EMPLOYING THE
SAME
[54] **CIRCUIT ET METHODE DE**
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SYSTEM
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[73] NORTEL NETWORKS LIMITED, CA
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AGENT DESINFECTANT POUR
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[72] KRAMER, Axel, DE
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[13] C

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[54] **A DEVICE FOR DELIVERING A**
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[54] **DISPOSITIF DESTINE A**
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[73] NEPHROS THERAPEUTICS, INC., US
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HOLE
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[54] PROCEDE ET APPAREIL DE FABRICATION D'UNE STRUCTURE DE MATELASSAGE AU MOYEN D'UN ENSEMBLE DE FIBRES
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[72] OHKOUCHI, Hideki, JP
[73] TEIJIN LIMITED, JP
[85] 1997-12-24
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[73] DEERE & COMPANY, US
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[54] METHODE ET APPAREIL DE PRESELECTION DE RELEVES D'EMPREINTES DIGITALES
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[13] C

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[11] 2,226,686
[13] C

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[11] 2,226,699
[13] C

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[54] PLATE-FORME DE LEVAGE HYDRAULIQUE POUR L'ARRIERE D'UN CAMION
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[73] HOLLAND EQUIPMENT LIMITED, CA
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[11] 2,226,706
[13] C

[51] Int.Cl. 6E05D 15/00 6E06B 3/48
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[25] EN
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[54] SUPPORT POUR PORTES DE GARAGE CONTRE-BALANCEES
[72] BOUCHER, David Scott, US
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[73] Overhead Door Corporation, US
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[25] EN
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[54] **PROCEDE DE FABRICATION D'UNE COLLATION QUI SE TIENT DANS LA MAIN, ET PRODUIT RESULTANT**
[72] WU, Rei-Young Amos, US
[73] THE QUAKER OATS COMPANY, US
[22] 1998-01-15
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[11] **2,228,262**
[13] C

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[25] EN
[54] **METHOD OF REGULATION IN WINDING**
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[72] LESKINEN, Arto, FI
[72] VAINIO, Pertti, FI
[73] VALMET CORPORATION, FI
[85] 1998-01-29
[86] 1997-06-09 (PCT/FI97/00357)
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[30] FI (962396) 1996-06-10

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[13] C

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[13] C

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[25] EN
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[13] C

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MEMORY UNITS HAVING
INTERLEAVED DATA
[54] APPAREIL DE DETECTION DE
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WATER POLYMERIC SILICONE
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[13] C

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[25] EN
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OF CARBON MONOXIDE
[54] PRODUCTION DE FER DE
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[54] FILTRE A AIR ET AUTOMOBILE
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[13] C

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[25] EN
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[11] **2,243,202**
[13] C

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[25] EN
[54] **METHOD FOR UNLICENSED BAND PORT TO AUTONOMOUSLY DETERMINE INTERFERENCE THRESHOLD AND POWER LEVEL**
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[13] C

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[54] **MODULATEUR OPTIQUE**
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[72] MOODIE, David Graham, GB
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
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[11] **2,243,285**
[13] C

[51] **Int.Cl. 6B29C 41/06**
[25] EN
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[54] **STRUCTURE, APPAREIL ET PROCEDE DE MOULAGE ROTATIF MULTIAXIAL**
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[11] **2,243,569**
[13] C

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[25] EN
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[87] (WO97/28343)
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[30] US (60/025,246) 1996-09-16

[11] **2,244,226**
[13] C

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[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
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[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
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INTERCONNECT NON-CONTACT
COUPLER TECHNOLOGY
ACHIEVING A MULTI-POINT TO
MULTI-POINT INTERCONNECT
[54] BUS DE DONNEES A GRANDE
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[72] SIMONOVICH, Lambert, CA
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[54] ACTIONNEUR DE TENTURE
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[54] **PROCEDE ET APPAREIL CORRESPONDANT PERMETTANT DE MODIFIER UN SIGNAL VIDEO AFIN D'EMPECHER LA FORMATION D'ENREGISTREMENTS ACCEPTABLES SUR PISTE MAGNETIQUE**

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[72] LAWSER, John Jutten, US
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[54] **ARME A FEU MODELE EQUIPEE D'UN MECANISME D'APPROVISIONNEMENT EN BALLES AUTOMATIQUE**
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[72] WATANABE, Koji, JP
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[73] THE LOUIS BERKMAN COMPANY, US
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[54] **MULTIPLE NETWORK PROTOCOL ENCODER/DECODER AND DATA PROCESSOR**
[54] **CODEUR / DECODEUR DE PROTOCOLES DE RESEAUX MULTIPLES ET UNITE DE TRAITEMENT DE DONNEES**
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[72] POFF, Thomas C., US
[72] SHINOHARA, Masaru, US
[72] BURKES, Daniel F., US
[72] MINAMI, John Shigetou, US
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[11] **2,265,722**
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[54] **FLUID COLLECTION CASSETTE IDENTIFICATION SCHEME**
[54] **PROCEDE D'IDENTIFICATION D'UNE CASSETTE DE RECUPERATION DE FLUIDE**
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[73] BAUSCH & LOMB SURGICAL, INC., US
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[72] SWENSON, Richard A., US
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[54] **COUPE-TUYAU POUR TUYAU D'EGOUT**
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[73] EMERSON ELECTRIC CO., US
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[25] EN
[54] **APPARATUS AND METHOD FOR ENSURING GOOD PRINT QUALITY IN A MAIL HANDLING SYSTEM INCLUDING A FIXED PRINthead/ MOVING MAILPIECE SUBSYSTEM**
[54] **APPAREIL ET METHODE POUR ASSURER UNE BONNE QUALITE D'IMPRESSIOn DANS UN SYSTEME DE MANUTENTION DU COURRIER, Y COMPRIS UNE TETE D'IMPRESSIOn FIXE ET UN SOUS-SYSTEME DE DEPLACEMENT DU COURRIER**
[72] NAMBU DIRI, Eswaran C. N., US
[72] MULLER, Arno, US
[72] SCRIBE, Mark A., US
[72] MOH, Sungwon, US
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[72] BIENZ, BRIAN, US
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[54] **METHODE ET APPAREIL DE REGULATION DE LA VITESSE DE FERMETURE D'UNE PORTE COUPE-FEU ENROULABLE**
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[73] CLOPAY BUILDING PRODUCTS R&D COMPANY, INC., US
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[54] **MARTEAU A COULISSE**
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[72] HUNG, OLIVER K., CA
[73] UNIVERSAL DYNAMICS LIMITED, CA
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[54] **LIGHT COVER**
[54] **PROTEGE-LAMPE**
[72] SEALY, IRA A., US
[73] ST. NICK CO., US
[22] 2000-03-17
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[54] **STRUCTURE HAVING AT LEAST ONE IMPROVED SURFACE AND A METHOD OF MAKING THE STRUCTURE**
[54] **STRUCTURE PRESENTANT AU MOINS UNE SURFACE AMELIOREE ET PROCEDE DE FABRICATION DE CETTE STRUCTURE**
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[72] PIERSON, RICHARD E., US
[73] STEELEWOOD EXTRUDING CORPORATION, US
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[54] **MODULAR TERRAIN FOR A TOY BUILDING SET**
[54] **TERRAIN MODULAIRE POUR ENSEMBLE JEU DE CONSTRUCTION**
[72] BRADY, CHRIS, US
[72] FRANKO, RICH, US
[72] PROCTOR, STEVE, US
[72] CYRUS, PETER, US
[72] BURNS, WILLIAM, US
[72] FRANZ, GARY, US
[72] WICKLANDER, DAVID, US
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[25] EN
[54] **IMAGE SIGNAL CODING SYSTEM**
[54] **SYSTEME DE CODAGE DE SIGNAUX D'IMAGE**
[72] YAMADA, YOSHIHISA, JP
[72] NISHIKAWA, HIROFUMI, JP
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[72] MURAKAMI, TOKUMICHI, JP
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[54] **BBQ OVEN**
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[22] 2000-06-13

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[25] EN
[54] **PUMP DEVICE WITH COLLAPSIBLE PUMP CHAMBER HAVING INTEGRAL SHIPPING SEAL**
[54] **POMPE DISTRIBUTRICE A RESERVOIR COMPRIMABLE MUNI DE GARNITURES D'ETANCHEITE INTEGRES**
[72] STAHLEY, ROBERT EDWARD, US
[72] PETERSON, ROBERT JAMES, US
[72] STIGALL, J. RANDALL, US
[72] REIFENBERGER, JOHN ERWEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[13] A1
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[54] **METHOD AND SYSTEM FOR DELIVERY AND TARGETING ADVERTISEMENTS OVER WIRELESS NETWORKS**
[54] **METHODE ET SYSTEME DE LIVRAISON DE MESSAGES PUBLICITAIRES ET DE DETERMINATION DE LA CIBLE, SUR RESEAUX SANS FIL**
[72] MILLER, ALEXANDER, ZZ
[72] HOST, GERALD, ZZ
[71] 3711757 CANADA INC., CA
[22] 2000-01-17
[43] 2001-07-17

[21] **2,294,674**
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[54] **APPAREIL D'ENTRAINEMENT POUR PARER AUX TIRS AU BUT**
[72] ISBISTER, TODD CONRAD, CA
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[22] 2000-01-19
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[25] EN
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[54] **EVAPORATEUR POUR LE TRAITEMENT DE MALADIES ASSOCIEES A L'ABEILLE DOMESTIQUE ET DE CONDITIONS DE RUCHES DESAGREABLES**
[72] SCHEUNEMAN, THEODORE W., CA
[72] RUDIAK, RONALD PAUL, CA
[71] SCHEUNEMAN, THEODORE W., CA
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[72] LEBLANC, EDWIN, CA
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[54] **PANIER D'EGOUT ET SUPPORT CONNEXE**
[72] REMON, GILLES, CA
[71] REMON, GILLES, CA
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[21] **2,296,049**
[13] A1
[51] **Int.Cl. 7C10B 53/00**
[25] EN
[54] **HOW TO PRODUCE CRUDE PETROLEUM FROM ORGANIC WASTES, PROCESS CALLED PETROLISATION WHICH IS DESCRIBED AND CLAIMED IN THIS ATTACHED SPECIFICATION**
[54] **FAIRE DU PETROLE BRUT A PARTIR DE DECHETS ORGANIQUES, PROCEDE APPELE PETROLISATION**
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[51] **Int.Cl. 7G01R 31/308**
[25] FR
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[54] **OPTICAL INSPECTION SYSTEM**
[72] CANTIN, MICHEL, CA
[72] COULOMBE, ALAIN, CA
[72] BÉRARD, LOUIS, CA
[71] 9071 9410 QUEBEC INC. (SOLVISION), CA
[22] 2000-01-18
[43] 2001-07-18

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[54] **REEL FOR UNWINDING A TORUS SHAPED COIL**
[54] **DEVIDOIR POUR LE DEROULEMENT D'UNE BOBINE EN FORME DE TORE**
[72] MESSIER, NORMAND, CA
[71] MESSIER, NORMAND, CA
[22] 2000-01-17
[43] 2001-07-17

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[13] A1
[51] **Int.Cl. 7F24F 6/18**
[25] EN
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[54] **HUMIDIFICATEUR PORTATIF**
[72] CROWHURST, PAUL, CA
[71] CLAIRION HOME CARE PRODUCTS
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[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,157**
[13] A1
[51] **Int.Cl. 7E06B 3/28**
[25] EN
[54] **PATIO DOOR WITH INTEGRAL
GLAZING FRAME**
[54] **PORTE PANORAMIQUE
COULISSANTE MUNIE D'UN
ENCADREMENT DE VITRAGE
INTEGRE**
[72] KUEI-YUNG WANG, CHEN, TW
[71] NAN YA PLASTICS CORPORATION,
TW
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,158**
[13] A1
[51] **Int.Cl. 7A63C 19/10 7A63C 19/00
7F24F 9/00**
[25] EN
[54] **ARTIFICIAL SNOW SYSTEM
WITH AIR ROOF**
[54] **SYSTEME DE NEIGE
ARTIFICIELLE MUNI D'UN TOIT
D'AIR**
[72] KATAYAMA, MINORU, JP
[71] KABUSHIKI KAISHA PISTE SNOW
INDUSTRIES, JP
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,159**
[13] A1
[51] **Int.Cl. 7B60P 1/32 7B60P 3/06 7B60P
1/44**
[25] EN
[54] **APPARATUS FOR LOADING A
TRUCK BOX**
[54] **DISPOSITIF DE CHARGEMENT
DE CAISSE DE CAMION**
[72] SCHULTZ, RICHARD, CA
[71] SCHULTZ, RICHARD, CA
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,166**
[13] A1
[51] **Int.Cl. 7B62M 1/04**
[25] EN
[54] **STEPPING BICYCLE**
[54] **VELO A ACTION PAR IMPULSION**
[72] RIVIGLIA, MIKE, CA
[71] RIVIGLIA, MIKE, CA
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,167**
[13] A1
[51] **Int.Cl. 7B01D 29/68 7B05B 15/02**
[25] EN
[54] **FLUTED STATIC STACK
AGITATOR**
[54] **AGITATEUR VERTICAL
STATIQUE CANNELE**
[72] MOSSIP, TIMOTHY DONALD, CA
[71] MOSSIP, TIMOTHY DONALD, CA
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,184**
[13] A1
[51] **Int.Cl. 7A47B 13/08 7A47B 95/04
7A47B 96/18**
[25] EN
[54] **FINISHED NOSING SYSTEM FOR
A WORK SURFACE**
[54] **SYSTEME DE PROTECTION DE
FINITION POUR SURFACE DE
TRAVAIL**
[72] GOSLING, GEOFF, CA
[71] EVANS CONSOLES INC., CA
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,186**
[13] A1
[51] **Int.Cl. 7B65H 54/80**
[25] EN
[54] **WIRE TAKE-UP MECHANISM**
[54] **MECANISME DE BOBINAGE DE
MATERIAUX FILIFORMES**
[72] MITCHELL, JOHN S., CA
[71] STELCO INC., CA
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,192**
[13] A1
[51] **Int.Cl. 7B65G 33/34**
[25] EN
[54] **REVERSIBLE GEAR BOX FOR USE
WITH AN AUGER**
[54] **BO-TE DE MECANISME DE
MARCHE ARRIERE POUR
UTILISATION AVEC UNE TARIERE**
[72] WOODCOCK, BRENT, CA
[71] WOODCOCK, BRENT, CA
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,197**
[13] A1
[51] **Int.Cl. 7A63C 19/10 7F25C 3/04**
[25] EN
[54] **SNOW PRODUCING SYSTEM IN
WHICH MELTWATER IS REUSED**
[54] **SYSTEME DE FABRICATION DE
LA NEIGE LEQUEL REUTILISE DE
L'EAU DE FONTE**
[72] KATAYAMA, MINORU, JP
[71] KABUSHIKI KAISHA PISTE SNOW
INDUSTRIES, JP
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,203**
[13] A1
[51] **Int.Cl. 7F16J 15/12 7B60J 10/00
7B60R 13/06 7B21D 53/88**
[25] EN
[54] **CORE METAL INSERT FOR USE IN
A SEALING ASSEMBLY AND
ASSOCIATED METHOD OF
MANUFACTURE**
[54] **LAME METALLIQUE CENTRALE
POUR UTILISATION DANS UN
ENSEMBLE D'ETANCHEITE, ET
METHODE CONNEXE DE
FABRICATION**
[72] SUITTS, TERRY ROBERT, US
[71] THE GEM CITY ENGINEERING
COMPANY, US
[22] 2000-01-17
[43] 2001-07-17

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[21] **2,296,209**
[13] A1

[51] **Int.Cl. 7H04L 27/00**
[25] EN
[54] **METHOD AND APPARATUS FOR DYNAMICALLY GENERATING MULTIPLE LEVEL DECISION THRESHOLDS OF AN M-ARY CODED SIGNAL**
[54] **METHODE ET APPAREIL DE GENERATION DYNAMIQUE DE SEUILS DE DECISION A NIVEAUX MULTIPLES D'UN SIGNAL CODE A BASE M**
[72] BIRKETT, NEIL, CA
[72] PAYER, DANIEL G., CA
[71] PHILSAR SEMICONDUCTOR INC., CA
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,217**
[13] A1

[51] **Int.Cl. 7B05B 1/06 7B05D 1/12 7B05B 1/30**
[25] EN
[54] **SPRAY COATING OF PARTICULATE MATERIAL USING A CONICAL DISPERSION APPARATUS**
[54] **REVETEMENT PAR PULVERISATION DE PARTICULES AU MOYEN D'UN DISPERSEUR CONIQUE**
[72] DESAUTELS, MICHELLE L., CA
[72] SHARBY, THOMAS F., CA
[72] LLOYD, THOMAS, CA
[72] SHAND, MICHAEL, CA
[72] DURSTON, IAN M., CA
[71] ADVANCED AUTOMATIONS INC., CA
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,219**
[13] A1

[51] **Int.Cl. 7E06B 3/54**
[25] EN
[54] **MOUNTING ASSEMBLY OF A WINDOW TO A SURROUNDING STRUCTURE**
[54] **ENSEMBLE DE FIXATION D'UNE VITRE A UNE STRUCTURE ENVIRONNANTE**
[72] HEAD, PETER, CA
[71] HEAD, PETER, CA
[22] 2000-01-18
[43] 2001-07-18

[21] **2,296,220**
[13] A1

[51] **Int.Cl. 7H04L 9/30**
[25] EN
[54] **CUSTOMIZABLE PUBLIC KEY INFRASTRUCTURE AND DEVELOPMENT TOOL FOR SAME**
[54] **INFRASTRUCTURE A CLE PUBLIQUE PERSONNALISABLE ET OUTIL DE DEVELOPPEMENT CONNEXE**
[72] KAPOOR, AMIT, US
[71] KAPOOR, AMIT, US
[22] 2000-01-17
[43] 2001-07-17

[21] **2,296,228**
[13] A1

[51] **Int.Cl. 7E01C 11/02 7E01D 19/06**
[25] EN
[54] **EXPANSION AND SEISMIC JOINT COVERS**
[54] **COUVRE-JOINTS D'EXPANSION/ SISMQUES**
[72] BAERVELDT, KONRAD, CA
[71] BAERVELDT, KONRAD, CA
[22] 2000-01-18
[43] 2001-07-18

[21] **2,296,230**
[13] A1

[51] **Int.Cl. 7F16J 15/10**
[25] EN
[54] **HYDROPHILIC JOINT SEAL**
[54] **JOINT D'ETANCHEITE HYDROPHILE**
[72] BAERVELDT, KONRAD, CA
[71] BAERVELDT, KONRAD, CA
[22] 2000-01-18
[43] 2001-07-18

[21] **2,296,238**
[13] A1

[51] **Int.Cl. 7F16L 29/04 7F16L 41/16 7F16L 37/32**
[25] EN
[54] **CONNECTOR ASSEMBLY FOR MEDICAL GAS SERVICE OUTLET**
[54] **ENSEMBLE DE CONNEXION POUR SORTIE DE GAZ MEDICAL**
[72] REYNOLDS, KENNETH JOSEPH, CA
[71] VITALAIRE, CA
[22] 2000-01-18
[43] 2001-07-18

[21] **2,296,247**
[13] A1

[51] **Int.Cl. 7E05B 1/00**
[25] FR
[54] **(FLEX) POIGNEE DE PORTE SPECIALISEE**
[54] **SPECIALIZED DOOR HANDLE (FLEX)**
[72] SAUVÉ, RICHARD, CA
[71] SAUVÉ, RICHARD, CA
[22] 2000-01-18
[43] 2001-07-18

[21] **2,296,260**
[13] A1

[51] **Int.Cl. 7A63B 57/00**
[25] EN
[54] **GOLF TEE**
[54] **TE DE GOLF**
[72] DOVIGI, ALLAN J., CA
[71] DOVIGI, ALLAN J., CA
[22] 2000-01-19
[43] 2001-07-19

[21] **2,296,262**
[13] A1

[51] **Int.Cl. 7B65B 3/00**
[25] EN
[54] **AUTOMATIC TURRET BAGGING MACHINE**
[54] **ENSACHEUSE AUTOMATIQUE A TOURELLES**
[72] LIPES, ARNOLD, CA
[72] WETTER, BRUNO, CA
[71] GLOPAK INC., CA
[22] 2000-01-19
[43] 2001-07-19

[21] **2,296,267**
[13] A1

[51] **Int.Cl. 7A61F 9/02 7A63B 33/00**
[25] EN
[54] **GOGGLES WITH DUAL LENS STRUCTURE**
[54] **LUNETTES PROTECTRICES AVEC LENTILLES DOUBLES**
[72] MILTON, BRUCE, CA
[72] BARAGAR, MARC C., CA
[71] MILTON, BRUCE, CA
[71] BARAGAR, MARC C., CA
[22] 2000-01-19
[43] 2001-07-19

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[21] **2,296,279**
[13] A1
[51] **Int.Cl. 7H01S 3/067 7H04B 10/17**
[25] EN
[54] **OPTICAL FIBER PUMPING APPARATUS AND METHOD FOR THE USE IN PUMPED OPTICAL FIBER AMPLIFIER AND LASER SYSTEMS**
[54] **APPAREIL DE POMPAGE A FIBRES OPTIQUES ET METHODE D'UTILISATION DANS DES AMPLIFICATEURS ET LASERS A FIBRES OPTIQUES POMPES**
[72] LAUZON, JOCELYN, CA
[72] LAROSE, ROBERT, CA
[72] TAILLON, YVES, CA
[72] WANG, MIN, US
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2000-01-19
[43] 2001-07-19

[21] **2,296,433**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 17/30 7H04L 12/54**
[25] EN
[54] **METHOD FOR PURCHASING SERVICES USING A DISTRIBUTED DATABASE RESERVATION SYSTEM**
[54] **METHODE POUR ACHETER DES SERVICES EN UTILISANT UN SYSTEME DE RESERVATION AVEC BASE DE DONNEES REPARTIES**
[72] GILL, MURRAY, CA
[72] THOMSON, COLIN, CA
[71] BOOK4GOLF.COM CORPORATION, CA
[22] 2000-01-19
[43] 2001-07-19

[21] **2,296,579**
[13] A1
[51] **Int.Cl. 7B67D 1/04 7B67D 5/62**
[25] EN
[54] **BEVERAGE COOLER**
[54] **REFROIDISSEUR DE BOISSONS**
[72] CHIUSOLO, SAM, CA
[71] CHIUSOLO, SAM, CA
[22] 2000-01-20
[43] 2001-07-20

[21] **2,296,615**
[13] A1
[51] **Int.Cl. 7F02D 43/00 7F02P 3/04**
[25] EN
[54] **ENGINE MANAGEMENT SYSTEM FOR AN INTERNAL COMBUSTION ENGINE PROVIDED WITH A LOW VOLTAGE ELECTRICAL SUPPLY**
[54] **SYSTEME DE GESTION POUR MOTEUR A COMBUSTION INTERNE FOURNI AVEC UNE SOURCE D'ALIMENTATION ELECTRIQUE A BASSE TENSION**
[72] GAGNON, ÉRIC, CA
[72] BROUARD, PIERRE, CA
[71] MEGATECH ELECTRO INC., CA
[22] 2000-01-19
[43] 2001-07-19

[21] **2,296,625**
[13] A1
[51] **Int.Cl. 7A61K 7/42**
[25] EN
[54] **SWEAT RESISTANT SUNBLOCK AND ANTIOXIDANT COMPOSITION**
[54] **COMPOSITION D'ANTIOXYDANTS ET D'ECRAN SOLAIRE, RESISTANTE A LA SUEUR**
[72] FALLICK, HARRY, US
[71] FALLIEN COSMECEUTICALS, LTD., US
[22] 2000-01-18
[43] 2001-07-18

[21] **2,296,631**
[13] A1
[51] **Int.Cl. 7H04L 9/28**
[25] EN
[54] **BROADCASTING ENCRYPTED MESSAGES USING SESSION KEYS**
[54] **DIFFUSION DE MESSAGES CODES EN UTILISANT DES CLES DE SESSION**
[72] LITTLE, HERB A., CA
[72] HIND, HUGH R., CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2000-01-19
[43] 2001-07-19

[21] **2,296,651**
[13] A1
[51] **Int.Cl. 7B24B 41/06**
[25] EN
[54] **ORBITAL DISC SANDER SUPPORT**
[54] **SUPPORT POUR PONCEUSE A DISQUE ORBITAL**
[72] BLACK, MARTIN THOMAS, CA
[71] BLACK, MARTIN THOMAS, CA
[22] 2000-01-19
[43] 2001-07-19

[21] **2,296,714**
[13] A1
[51] **Int.Cl. 7G10D 3/18**
[25] EN
[54] **GUITAR BEVEL CUSHION**
[54] **COUSSIN POUR POSITIONNER UNE GUITARE DANS UN ANGLE OBLIQUE**
[72] BRUCE, RANDY, CA
[71] BRUCE, RANDY, CA
[22] 2000-01-20
[43] 2001-07-20

[21] **2,296,717**
[13] A1
[51] **Int.Cl. 7A61H 33/00 7A47K 3/022 7E03C 1/08**
[25] EN
[54] **MOBILE JET**
[54] **JET MOBILE**
[72] SHINO, FRED, CA
[71] SHINO, FRED, CA
[22] 2000-01-20
[43] 2001-07-20

[21] **2,296,779**
[13] A1
[51] **Int.Cl. 7E04B 1/68**
[25] EN
[54] **JOINT SEAL WITH RESILIENT CAP**
[54] **JOINT D'ETANCHEITE AVEC CAPUCHON RESILIENT**
[72] BAERVELDT, KONRAD, CA
[71] BAERVELDT, KONRAD, CA
[22] 2000-01-21
[43] 2001-07-21

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[21] **2,296,780**
[13] A1

[51] **Int.Cl. 7A43C 7/00**
[25] EN
[54] **SHOE CLIP**
[54] **CLIP POUR CHAUSSURE**
[72] UNKNOWN, ZZ
[71] DYNASTREAM INNOVATIONS
INC., CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,296,781**
[13] A1

[51] **Int.Cl. 7B62D 55/08**
[25] EN
[54] **REAR TRACK SYSTEM FOR
FOUR-WHEEL DRIVE MOTORCYCLE-
TYPE ALL TERRAIN VEHICLE**
[54] **SYSTEME DE CHENILLE
ARRIERE POUR VEHICULE TOUT-
TERRAIN DE TYPE MOTO ET A
QUATRE ROUES MOTRICES**
[72] HUGRON, DENIS P., CA
[71] HUGRON, DENIS P., CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,296,783**
[13] A1

[51] **Int.Cl. 7A63C 13/00 7A63B 29/00**
7A43C 15/09
[25] EN
[54] **MOUNTAIN CLIMBING
SNOWSHOE**
[54] **RAQUETTES D'ALPINISME**
[72] GREETHAM, STANLEY ADAM, CA
[71] GREETHAM, STANLEY ADAM, CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,296,785**
[13] A1

[51] **Int.Cl. 7G01B 11/06**
[25] EN
[54] **MEASUREMENT OF HOT
CONTAINER WALL THICKNESS**
[54] **MESURE DE L'EPAISSEUR DU
MUR D'UN RECIPIENT CHAUD**
[72] RINGLIEN, JAMES A., US
[72] JUVINALL, JOHN W., US
[71] OWENS-BROCKWAY GLASS
CONTAINER INC., US
[22] 2000-01-21
[43] 2001-07-21

[21] **2,296,787**
[13] A1

[51] **Int.Cl. 7A47K 5/00**
[25] EN
[54] **A SOAP REST**
[54] **PORTE-SAVON**
[72] KEMP, ANTHONY LESLIE, CA
[71] KEMP, ANTHONY LESLIE, CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,296,791**
[13] A1

[51] **Int.Cl. 7A01D 34/73**
[25] EN
[54] **LAWN MOWER CUTTING AND
SWEEPING BLADE WITH
DETACHABLE LAWN THATCHING
DEVICE**
[54] **LAME DE COUPE ET DE
BALAYAGE POUR TONDEUSE A
GAZON AVEC UN DISPOSITIF DE
DECHAUMAGE DE GAZON
AMOVIBLE**
[72] SWIST, JASON, CA
[71] SWIST, JASON, CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,296,799**
[13] A1

[51] **Int.Cl. 7B26B 11/00 7B26B 5/00**
7B26B 1/08
[25] FR
[54] **COUTEAU A LAME
RETRACTABLE AVEC POINTEUR
LASER**
[54] **RETRACTABLE-BLADED KNIFE
WITH A LASER DESIGNATOR**
[72] AREL, RICHARD, CA
[71] AREL, RICHARD, CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,296,803**
[13] A1

[51] **Int.Cl. 7B65D 1/46**
[25] EN
[54] **ENHANCED STRENGTH
CONTAINER**
[54] **RECIPIENT A HAUTE
RESISTANCE AMELIORE**
[72] BRADSEN, ROSS, CA
[72] TERRY, DONNA LEE, CA
[72] ANDERSON, JEFFREY BLAKE, CA
[71] COLGATE-PALMOLIVE COMPANY,
US
[22] 2000-01-24
[43] 2001-07-21
[30] US (UNKNOWN) 2000-01-21

[21] **2,296,822**
[13] A1

[51] **Int.Cl. 7A61K 41/00 7A61P 31/00**
[25] EN
[54] **GOLDAQUA, OXYGEN-
ENRICHED WITHIN A MAGNETIC
FIELD, MAGNETICALLY TREATED
WATER AND HEAVY WATER/0.1-111
PPM DEUTERIUM CONTENT/, FOOD-
BIO AND PHARMACEUTICAL LIQUID
PRODUCT, SUITABLE TO PREVENT
AND CURE CANCERUS AND AIDS
DISEASES AND APPARATUS FOR
PREPARING THESE PRODUCT.**
[54] « GOLDAQUA », ENRICHI
D'OXYGENE A L'INTERIEUR D'UN
CHAMP MAGNETIQUE, EAU ET EAU
LOURDE TRAITÉES
MAGNETIQUEMENT/CONTENU DE
DEUTERIUM DE 0,1 A 111 P.P.M./,
PRODUIT LIQUIDE BIO-
ALIMENTAIRE ET
PHARMACEUTIQUE, CONVENABLE
POUR LA PREVENTION ET LA
GUERISON DE MALADIES RELIEES
AU CANCER ET AU SIDA, AINSI QU'UN
APPAREIL POUR LA PREPARATION
DE CE PRODUIT
[72] TIBOR, NAGY, HU
[71] TIBOR, NAGY, HU
[22] 2000-01-17
[43] 2001-07-17

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[21] 2,296,827
[13] A1
[51] Int.Cl. 7C22B 11/00
[25] EN
[54] PROCESS FOR ELUTING
PRECIOUS METALS FROM
ACTIVATED CARBON
[54] PROCESSUS D'ELUTION DE
METAUX PRECIEUX DE CHARBON
ACTIF
[72] ROBLES, ANTONIO T., CA
[71] ROBLES, ANTONIO T., CA
[22] 2000-01-18
[43] 2001-07-18

[21] 2,296,847
[13] A1
[51] Int.Cl. 7A01G 23/14
[25] FR
[54] CHALUMEAU A BANDEAU
[54] TUBING WITH WATERTIGHT
LINING
[72] DARVEAU, DENIS, CA
[71] DARVEAU, DENIS, CA
[22] 2000-01-20
[43] 2001-07-20

[21] 2,296,848
[13] A1
[51] Int.Cl. 7B65D 30/22
[25] FR
[54] PROCEDE DE FILTRATION DES
MATIERES AGRO-ALIMENTAIRES
DANS LES EMBALLAGES A SAC
[54] PROCESS FOR FILTERING AGRI-
FOOD MATERIALS THAT ARE
PACKED IN BAGS
[72] HOUDE, DANY, CA
[71] HOUDE, DANY, CA
[22] 2000-01-20
[43] 2001-07-20

[21] 2,296,859
[13] A1
[51] Int.Cl. 7G08B 7/00 7G08B 5/36
[25] EN
[54] WARNING DEVICE FOR MOTOR
VEHICLE
[54] DISPOSITIF D'AVERTISSEMENT
POUR UN VEHICULE
[72] SHIH, HUNG-MING, TW
[71] SHIH, HUNG-MING, TW
[22] 2000-01-21
[43] 2001-07-21

[21] 2,296,860
[13] A1
[51] Int.Cl. 7A01F 25/14 7B65D 88/28
7B65G 65/46
[25] EN
[54] UNDER FLOOR LOADING
SYSTEM FOR A CROP STORAGE BIN
[54] SYSTEME DE CHARGEMENT
SOUS LE PLANCHER POUR
ENTREPOSER LES RECOLTES DANS
UN SILO DE STOCKAGE
[72] SIMROSE, PHILIP D., CA
[71] SIMROSE, PHILIP D., CA
[22] 2000-01-21
[43] 2001-07-21

[21] 2,296,863
[13] A1
[51] Int.Cl. 7B23D 23/00 7E06B 9/266
[25] EN
[54] VENETIAN BLIND CUTTING
MACHINE
[54] MACHINE POUR COUPER LES
STORES VENITIENS
[72] HSU, YA-WEI, TW
[72] WANG, WEI-CHENG, TW
[71] INDUSTRIAL TECHNOLOGY
RESEARCH INSTITUTE, TW
[71] NIEN MADE ENTERPRISE CO., LTD.,
TW
[22] 2000-01-21
[43] 2001-07-21

[21] 2,296,868
[13] A1
[51] Int.Cl. 7F24F 13/075 7F24F 13/14
[25] EN
[54] AIR OUTLET GRILLE WITH
LOUVER INDEXING ADJUSTMENT
MEANS
[54] GRILLE DE SORTIE D'AIR AVEC
DISPOSITIF DE REGLAGE DE
L'AREATEUR
[72] SCHMIDT, DONALD JAMES, CA
[71] E.H. PRICE LIMITED, CA
[22] 2000-01-21
[43] 2001-07-21

[21] 2,296,886
[13] A1
[51] Int.Cl. 7A01D 90/10
[25] FR
[54] SYSTEME DE BRAS DE
TRANSFER AVEC RAMPE DE
GUIDAGE
[54] GUIDING RAMP WITH A
TRANSFER ARM SYSTEM
[72] BEAUDOIN, YVON, CA
[71] BEAUDOIN, YVON, CA
[22] 2000-01-21
[43] 2001-07-21

[21] 2,296,935
[13] A1
[51] Int.Cl. 7B64C 31/00
[25] EN
[54] SYSTEM AND METHOD FOR
WIND-POWERED FLIGHT
[54] SYSTEME ET PROCEDE DE VOL
ACTIONNE PAR LE VENT
[72] KRAMER, DALE, CA
[71] KRAMER, DALE, CA
[22] 2000-01-21
[43] 2001-07-21

[21] 2,296,990
[13] A1
[51] Int.Cl. 7B44C 1/00
[25] EN
[54] BUCKET OF DECORATING PARTS
(FACIAL FEATURES, GLASSES,
BOWTIES, EARRINGS ETC.)
[54] PANIER D'ARTICLES DE
DECORATION (PRODUITS FACIAUX,
LUNETTES, NOEUDS PAPILLONS,
BOUCLES D'OREILLES, ETC.)
[72] TETLOCK, MELANIE, CA
[71] TETLOCK, MELANIE, CA
[22] 2000-01-20
[43] 2001-07-20

[21] 2,296,997
[13] A1
[51] Int.Cl. 7A61K 35/14 7A61K 33/00
[25] EN
[54] TREATMENT OF CONGESTIVE
HEART FAILURE
[54] TRAITEMENT DE
L'INSUFFISANCE CARDIAQUE
GLOBALE
[72] UNKNOWN, ZZ
[71] VASOGEN IRELAND LIMITED, IE
[22] 2000-01-18
[43] 2001-07-18

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[21] **2,297,165**
[13] A1

[51] **Int.Cl. 7A61B 5/117**
[25] EN
[54] **TEMPORARY PERSONAL BODY MARKING IDENTIFICATION FOR NEWBORNS, TODDLERS, CHILDREN AND INCAPACITATED INDIVIDUALS**
[54] **DISPOSITIF D'IDENTIFICATION PERSONNEL TEMPORAIRE POUR LES NOUVEAUX-NES, ENFANTS ET LES PERSONNES SOUFFRANT D'INCAPACITES**
[72] SWIST, FRANCISCA, CA
[72] SWIST, JASON, CA
[71] SWIST, FRANCISCA, CA
[71] SWIST, JASON, CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,297,301**
[13] A1

[51] **Int.Cl. 7C07C 11/04 7C07C 4/06 7C07C 11/06**
[25] EN
[54] **COMBINATION PROCESS FOR ENHANCED LIGHT OLEFIN PRODUCTION**
[54] **PROCESSUS D'AGENCEMENT POUR LA FABRICATION D'OLEFINE LEGERE AMELIOREE**
[72] MARKER, TERRY L., US
[72] BARGER, PAUL T., US
[72] VORA, BIPIN V., US
[71] UOP LLC, US
[22] 2000-01-18
[43] 2001-07-18

[21] **2,297,313**
[13] A1

[51] **Int.Cl. 7H03K 17/28**
[25] EN
[54] **DIGITAL DELAY LINE WITH SYNCHRONOUS CONTROL**
[54] **LIGNE DE RETARD NUMERIQUE AVEC COMMANDE DE SYNCHRONISATION**
[72] CARR, LARRIE, CA
[71] PMC-SIERRA, INC., CA
[22] 2000-01-18
[43] 2001-07-18

[21] **2,297,319**
[13] A1

[51] **Int.Cl. 7B08B 3/02 7B08B 3/08**
[25] EN
[54] **A HIGH PRESSURE CLEANING DEVICE HAVING SUDS CLEANING EFFICACY**
[54] **DISPOSITIF DE NETTOYAGE A HAUTE PRESSION OFFRANT UN NETTOYAGE EFFICACE A L'EAU SAVONNEUSE**
[72] HUANG, Y. JEN, TW
[71] WU LI AGRICULTURE MACHINE CO., LTD., TW
[22] 2000-01-18
[43] 2001-07-18

[21] **2,297,351**
[13] A1

[51] **Int.Cl. 7A42B 3/20**
[25] EN
[54] **PROTECTIVE MASK WITH THROAT GUARD FOR PHYSICAL GAMES**
[54] **MASQUE PROTECTEUR AVEC UN PROTEGE-GORGE POUR JEUX PHYSIQUES**
[72] CYR, RAYMOND, CA
[71] LEADER INDUSTRIES INC., CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,297,355**
[13] A1

[51] **Int.Cl. 7A42B 3/20**
[25] EN
[54] **PROTECTIVE MASK WITH ANCHOR CLAMP FOR PHYSICAL GAMES**
[54] **MASQUE PROTECTEUR AVEC UNE BRIDE D'ANCRAGE POUR JEUX PHYSIQUES**
[72] CYR, RAYMOND, CA
[71] LEADER INDUSTRIES INC., CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,297,380**
[13] A1

[51] **Int.Cl. 7E04C 1/00 7A63H 33/12**
[25] EN
[54] **MODULAR CONSTRUCTION BLOCKS**
[54] **BLOCS DE CONSTRUCTION MODULAIRE**
[72] KARLSTROM, BRUCE, CA
[71] KARLSTROM, BRUCE, CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,297,476**
[13] A1

[51] **Int.Cl. 7A61C 19/04**
[25] EN
[54] **SYSTEM FOR DETECTION OF DENTAL TARTAR, E.G. SUBGINGIVAL TARTAR**
[54] **SYSTEME POUR LA DETECTION DE TARTRE DENTAIRE, I.E. TARTRE SUBGINGIVAL**
[72] MONTINI, EMMANUEL, CA
[72] KARAZIVAN, NAIM, CA
[71] NEKS RECHERCHE & DEVELOPPEMENT INC., CA
[22] 2000-01-21
[43] 2001-07-21

[21] **2,297,498**
[13] A1

[51] **Int.Cl. 7A44C 25/00 7A44C 27/00**
[25] EN
[54] **METHODS FOR FABRICATING JEWELRY AND OTHER DECORATIVE ITEMS USING NATURAL OBJECTS**
[54] **PROCEDE POUR FABRIQUER DES BIJOUX ET AUTRES ITEMS DECORATIFS EN UTILISANT DES OBJETS NATURELS**
[72] LEE, DENNIS A., CA
[71] LEE, DENNIS A., CA
[22] 2000-01-21
[43] 2001-07-21

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[21] **2,297,500**
[13] A1
[51] **Int.Cl. 7G06K 11/18**
[25] EN
[54] **HAND-HELD THUMB CONTROLLED TRACKBALL MOUSE**
[54] **SOURIS A BOULE DE COMMANDE A MAIN MANIPULE AVEC LE POUCE**
[72] MELANSON, FABIEN, CA
[72] DUFEU, ROBERT, CA
[71] MELANSON, FABIEN, CA
[71] DUFEU, ROBERT, CA
[22] 2000-01-18
[43] 2001-07-18

[21] **2,297,541**
[13] A1
[51] **Int.Cl. 7A63H 33/26 7A63H 1/00**
[25] EN
[54] **SHUTTLE WHEEL TOY**
[54] **JOUET AVEC ROUE MOBILE**
[72] GORMLEY, JUSTIN, CA
[72] GORMLEY, JASON, CA
[71] PAID TO PLAY INC., CA
[22] 2000-01-20
[43] 2001-07-20

[21] **2,298,258**
[13] A1
[51] **Int.Cl. 7B60Q 1/06**
[25] EN
[54] **HEADLAMP ADJUSTING ATTACHMENT NUT**
[54] **BOULON DE FIXATION POUR AJUSTER A UN PHARE**
[72] CASSIDY, TODD E., US
[71] TRANS TECHNOLOGY ENGINEERED COMPONENTS LLC, US
[22] 2000-02-09
[43] 2001-07-19
[30] US (09/487,520) 2000-01-19

[21] **2,302,896**
[13] A1
[51] **Int.Cl. 7H04L 12/16**
[25] EN
[54] **A MICROTRANSACTION INTERNET ECONOMIC MODEL WITH AUTOMATED VENDOR WEB PUBLISHING AND SECURE ELECTRONIC COUPONING**
[54] **MODELE ECONOMIQUE POUR MICROTRANSACTIONS SUR INTERNET AVEC PUBLICATION AUTOMATISEE SUR INTERNET POUR LES COMMERCANTS ET COUPONNAGE ELECTRONIQUE SECURITAIRE**
[72] MCLEOD, ROBERT, CA
[72] LIU, QI, CA
[71] MCLEOD, ROBERT, CA
[71] LIU, QI, CA
[22] 2000-03-22
[43] 2001-07-20
[30] US (60/176,905) 2000-01-20

[21] **2,303,474**
[13] A1
[51] **Int.Cl. 7G02B 7/00**
[25] EN
[54] **OPTICAL APPARATUS, OPTICAL APPARATUS ADJUSTMENT METHOD, AND STORAGE MEDIUM RECORDED WITH A PROCESSING PROGRAM THAT EXECUTES SAID ADJUSTMENT METHOD**
[54] **APPAREIL OPTIQUE, METHODE D'AJUSTEMENT DUDIT APPAREIL ET MOYEN DE STOCKAGE DANS LEQUEL UN PROGRAMME DE TRAITEMENT EST ENREGISTRE, CE DERNIER EXECUTANT LADITE METHODE D'AJUSTEMENT**
[72] HIGUCHI, TETSUYA, JP
[72] MURAKAWA, MASAHIRO, JP
[72] KASAI, YUJI, JP
[72] ITATANI, TARO, JP
[71] HIGUCHI, TETSUYA, JP
[71] MURAKAWA, MASAHIRO, JP
[71] KASAI, YUJI, JP
[71] AGENCY OF INDUSTRIAL SCIENCE & TECHNOLOGY, MINISTRY OF INTERNATIONAL TRA, JP
[71] ITATANI, TARO, JP
[22] 2000-03-30
[43] 2001-07-17
[30] JP (2000-7741) 2000-01-17

[21] **2,303,686**
[13] A1
[51] **Int.Cl. 7F16D 41/00**
[25] EN
[54] **FREEWHEEL CLUTCH**
[54] **EMBRAYAGE DE ROUE LIBRE**
[72] KETTLER, HEINZ, DE
[71] HEINZ KETTLER GMBH & CO., DE
[22] 2000-04-03
[43] 2001-07-20
[30] DE (100 02 334.7) 2000-01-20

[21] **2,308,319**
[13] A1
[51] **Int.Cl. 7H01R 13/639**
[25] EN
[54] **WIRE HARNESS CONNECTOR**
[54] **CONNECTEUR POUR FAISCEAU DE CABLES**
[72] YAMAMOTO, MASAHIRO, JP
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2000-05-12
[43] 2001-07-20
[30] JP (2000-011697) 2000-01-20

[21] **2,308,698**
[13] A1
[51] **Int.Cl. 7H05B 41/26**
[25] EN
[54] **DISCHARGE LAMP LIGHTING DEVICE**
[54] **APPAREIL D'ECLAIRAGE AVEC LAMPE A DECHARGE**
[72] KAMOI, TAKESHI, JP
[72] SHINBORI, HIROICHI, JP
[72] KOMATSU, NAOKI, JP
[72] SHIOMI, TSUTOMU, JP
[72] SUN, YIYOUNG, US
[72] GORIKI, TAKESHI, US
[71] MATSUSHITA ELECTRIC WORKS, LTD., JP
[22] 2000-05-15
[43] 2001-07-18
[30] US (09/484,005) 2000-01-18

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[21] **2,313,488**
[13] A1

[51] **Int.Cl. 7C12P 13/04 7C12P 13/08 7A23K 1/16 7A23K 1/22 7C07C 229/26**
[25] EN
[54] **PROCESS FOR MAKING A VARIETY OF L-LYSINE FEED SUPPLEMENTS**
[54] **PROCEDE POUR FABRIQUER UNE VARIETE D'ALIMENTS COMPLEMENTAIRES CONTENANT DE LA L-LYSINE**
[72] WIEGAND, THOMAS, US
[72] MOORE, KEVIN, US
[72] BINDER, THOMAS P., US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[22] 2000-07-10
[43] 2001-07-20
[30] US (09/488624) 2000-01-20

[21] **2,314,376**
[13] A1

[51] **Int.Cl. 7H05B 1/02 7F24H 3/00 7F24H 9/20**
[25] EN
[54] **HEATER/BLOWER UNIT WITH LOAD CONTROL**
[54] **APPAREIL DE CHAUFFAGE/ VENTILATION AVEC CONTROLE DE LA CHARGE**
[72] ZIAIMEHR, ALLEN HAMID, US
[72] VAN DUREN, ALBERT PHILIP, US
[72] FRALEY, PETER DONALD, US
[71] AUGUSTINE MEDICAL, INC., US
[22] 2000-07-24
[43] 2001-07-18
[30] US (09/484,681) 2000-01-18

[21] **2,314,567**
[13] A1

[51] **Int.Cl. 7A01K 1/02 7A61D 19/00 7A01K 21/00**
[25] EN
[54] **METHOD OF RAISING RABBITS AND APPARATUS FOR IMPLEMENTING THE SAME**
[54] **METHODE D'ELEVAGE DE LAPINS ET APPAREIL DE MISE EN OEUVRE DE LADITE METHODE**
[72] ZLOTCHEVSKI, SERGUEI VALEREVICH, RU
[71] ZLOTCHEVSKI, SERGUEI VALEREVICH, RU
[22] 2000-07-20
[43] 2001-07-20
[30] RU (2000101094) 2000-01-20

[21] **2,314,842**
[13] A1

[51] **Int.Cl. 7A43B 21/42**
[25] EN
[54] **A DEVICE FOR ADJUSTING AND LOCKING TWO MOVABLY INTERCONNECTED ELEMENTS, PARTICULARLY FOOTWEAR HEELS AND HEEL-PIECES, AND THE LIKE**
[54] **DISPOSITIF POUR AJUSTER ET BLOQUER DEUX ELEMENTS MOBILES INTERCONNECTES, EN PARTICULIER DES TALONS DE CHAUSSURES ET DES PIECES DE TALON, ET AUTRES ARTICLES SEMBLABLES**
[72] BOLZONELLO, SILVANO, IT
[72] GALLINA, SIMONE, IT
[71] BAUER ITALIA S.P.A., IT
[22] 2000-08-02
[43] 2001-07-19
[30] IT (PD2000A000008) 2000-01-19

[21] **2,316,061**
[13] A1

[51] **Int.Cl. 7B01D 27/10**
[25] EN
[54] **METHOD AND APPARATUS FOR FILTERING IMPURITIES OUT OF FLUID**
[54] **METHODE ET APPAREIL POUR FILTRER LES IMPURETES DES LIQUIDES**
[72] RODEBUSH, MICHAEL J., US
[72] BEARD, JOHN H., US
[71] BALDWIN FILTERS, US
[22] 2000-08-16
[43] 2001-07-19
[30] US (09/487,126) 2000-01-19

[21] **2,323,255**
[13] A1

[51] **Int.Cl. 7H01L 21/00**
[25] EN
[54] **GAS SHOWER UNIT FOR SEMICONDUCTOR MANUFACTURING APPARATUS AND SEMICONDUCTOR MANUFACTURING APPARATUS**
[54] **UNITE DE VAPORISATION DE GAZ POUR APPAREIL DE FABRICATION DE SEMICONDUCTEURS ET APPAREIL DE FABRICATION DE SEMICONDUCTEURS**
[72] KUBIRA, AKIRA, JP
[72] NAKATA, HIROHIKO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2000-10-17
[43] 2001-07-20
[30] JP (2000-011862) 2000-01-20
[30] JP (2000-160722) 2000-05-30

[21] **2,324,163**
[13] A1

[51] **Int.Cl. 7E06B 9/30**
[25] EN
[54] **VENETIAN BLINDS**
[54] **STORES VENITIENS**
[72] NIEN, MING, TW
[71] NIEN, MING, TW
[22] 2000-10-24
[43] 2001-07-19
[30] US (09/487,034) 2000-01-19

[21] **2,324,821**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04M 11/06 7G06F 17/60**
[25] EN
[54] **INTEGRATED VOICE AND DATA SYSTEM AND AUTO RETAIL CHANNEL NETWORK PORTAL**
[54] **SYSTEME INTEGRE DE TRANSMISSION DE LA VOIX ET DE DONNES ET PORTE DE RESEAU DE CANAUX POUR LA VENTE AU DETAIL D'AUTOMOBILES**
[72] MEVIS, DAN, US
[72] MILLSAP, DONALD W., US
[72] SIMPSON, JOHN, US
[72] REEVES, DWAYNE E., US
[72] BECKER, EDWARD C., US
[71] REYNOLDS AND REYNOLDS, HOLDINGS, INC., US
[22] 2000-10-30
[43] 2001-07-19
[30] US (60/176,621) 2000-01-19
[30] US (09/621,350) 2000-07-21

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[21] **2,324,987**
[13] A1
[51] **Int.Cl. 7A63C 5/00**
[25] EN
[54] **SKI PATROL TOBOGGAN**
[54] **TOBOGGAN DE SAUVETAGE**
[72] SAWATZKY, RANDAL G., CA
[71] SAWATZKY, RANDAL G., CA
[22] 2000-11-01
[43] 2001-07-18
[30] US (60/176,495) 2000-01-18

[21] **2,325,208**
[13] A1
[51] **Int.Cl. 7H01B 13/016 7H01B 11/18**
[25] EN
[54] **COAXIAL CABLE AND PROCESS**
AND APPARATUS FOR FORMING
[54] **CABLE COAXIAL ET PROCEDE**
ET APPAREIL POUR LE FABRIQUER
[72] CAULFIELD, JOSEPH N., US
[72] FAUERBACH, HENRY J., JR., US
[71] MICRO-COAX, INC., US
[22] 2000-11-02
[43] 2001-07-19
[30] US (09/487,539) 2000-01-19

[21] **2,325,826**
[13] A1
[51] **Int.Cl. 7H03K 3/70 7H04B 1/04**
[25] EN
[54] **RF POWER AMPLIFIER SYSTEM**
HAVING INDUCTIVE STEERING
[54] **SYSTEME AMPLIFICATEUR DE**
PUISSANCE RF AVEC DIRECTION
INDUCTIVE
[72] LUU, KY THOAI, US
[71] HARRIS CORPORATION, US
[22] 2000-11-14
[43] 2001-07-21
[30] US (09/489,488) 2000-01-21

[21] **2,326,093**
[13] A1
[51] **Int.Cl. 7H01L 21/68**
[25] EN
[54] **WAFER HOLDER FOR**
SEMICONDUCTOR
MANUFACTURING APPARATUS
[54] **SUPPORT DE PLAQUETTES POUR**
APPAREIL DE FABRICATION DE
SEMICONDUCTEURS
[72] KUIBIRA, AKIRA, JP
[72] NAKATA, HIROHIKO, JP
[71] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[22] 2000-11-16
[43] 2001-07-20
[30] JP (2000-012225) 2000-01-20

[21] **2,326,575**
[13] A1
[51] **Int.Cl. 7H01L 21/68**
[25] EN
[54] **WAFER HOLDER FOR**
SEMICONDUCTOR
MANUFACTURING APPARATUS AND
SEMICONDUCTOR
MANUFACTURING APPARATUS
USING THE SAME
[54] **SUPPORT DE PLAQUETTES POUR**
APPAREIL DE FABRICATION DE
DE FABRICATION DE
SEMICONDUCTEURS ET APPAREIL
DE FABRICATION DE
SEMICONDUCTEURS UTILISANT CE
SUPPORT
[72] KUIBIRA, AKIRA, JP
[72] NAKATA, HIROHIKO, JP
[71] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[22] 2000-11-16
[43] 2001-07-20
[30] JP (2000-012170) 2000-01-20
[30] JP (2000-160366) 2000-05-30

[21] **2,326,906**
[13] A1
[51] **Int.Cl. 7F25D 17/06**
[25] EN
[54] **AIR FLOW ASSEMBLY FOR**
REFRIGERATOR FOOD STORAGE
SYSTEM
[54] **DEBIT D'AIR POUR SYSTEME**
D'ENTREPOSAGE DES ALIMENTS
DANS UN REFRIGERATEUR
[72] ALBERT, JANE, US
[72] SMITH, RICHARD D., JR., US
[72] VESTAL, WILLIAM J., II, US
[71] MAYTAG CORPORATION, US
[22] 2000-11-27
[43] 2001-07-19
[30] US (09/487,713) 2000-01-19

[21] **2,326,999**
[13] A1
[51] **Int.Cl. 7F25D 29/00 7F25D 17/06**
[25] EN
[54] **REFRIGERATOR FOOD STORAGE**
TEMPERATURE CONTROL SYSTEM
[54] **SYSTEME DE CONTROLE DE LA**
TEMPERATURE D'ENTREPOSAGE
DES ALIMENTS DANS UN
REFRIGERATEUR
[72] MERCILLE, ROBERT STEPHEN, US
[72] MANDEL, SHELDON W., US
[72] VESTAL, WILLIAM J., II, US
[72] WETEKAMP, ROBERT L., US
[71] MAYTAG CORPORATION, US
[22] 2000-11-27
[43] 2001-07-19
[30] US (09/487,714) 2000-01-19

[21] **2,327,433**
[13] A1
[51] **Int.Cl. 7F24C 3/02 7F24C 15/32**
[25] EN
[54] **GAS COOKING APPLIANCE WITH**
ISOLATED COMBUSTION AND
COOLING AIR FLOWS
[54] **APPAREIL DE CUISSON A GAZ**
AVEC DEBIT ISOLE D'AIR DE
COMBUSTION ET DE
REFROIDISSEMENT
[72] RODEN, JIMMY C., US
[72] BROCK, EDDIE M., US
[72] MCCLOUD, DONALD E., US
[72] MCFARLAND, JAMES C., US
[72] LEVI, DAVID E., US
[72] WARE, JEFFREY D., US
[71] MAYTAG CORPORATION, US
[22] 2000-11-27
[43] 2001-07-20
[30] US (09/487,622) 2000-01-20

[21] **2,327,604**
[13] A1
[51] **Int.Cl. 7A47L 9/26 7H02G 11/00**
[25] EN
[54] **DEVICE FOR WINDING POWER**
CORD OF UP-RIGHT VACUUM
CLEANER
[54] **DISPOSITIF D'ENROULEMENT**
DU CORDON D'ALIMENTATION D'UN
ASPIRATEUR-BALAI
[72] PARK, JOUNG-SOO, KR
[71] SAMSUNG KWANGJU
ELECTRONICS CO., LTD., KR
[22] 2000-12-05
[43] 2001-07-17
[30] KR (002058/2000) 2000-01-17

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[21] **2,327,619**
[13] A1

[51] **Int.Cl. 7H04Q 3/64**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTI-VARIABLE WORK ASSIGNMENT IN A CALL CENTER**
[54] **METHODE ET APPAREIL POUR LA REPARTITION DU TRAVAIL A VARIABLES MULTIPLES DANS UN CENTRE D'APPELS**
[72] MATHEWS, EUGENE P., US
[72] KOHLER, JOYLEE E., US
[72] FLOCKHART, ANDREW D., US
[72] FOSTER, ROBIN H., US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2000-12-05
[43] 2001-07-18
[30] US (09/484,099) 2000-01-18

[21] **2,327,749**
[13] A1

[51] **Int.Cl. 7G01J 3/52 7B41M 5/00 7B41J 2/21**
[25] EN
[54] **PRODUCT FOR ENSURING CONSISTENT ACCURACY IN COLOR PRINTING AND METHOD OF ITS USE**
[54] **PRODUIT PERMETTANT D'ASSURER UNE EXACTITUDE CONSTANTE LORS DE L'IMPRESSION EN COULEURS ET METHODE D'UTILISATION**
[72] LEE, DAVID L., US
[71] WEYERHAEUSER COMPANY, US
[22] 2000-12-06
[43] 2001-07-20
[30] US (09/488,341) 2000-01-20

[21] **2,327,897**
[13] A1

[51] **Int.Cl. 7B65D 25/02**
[25] EN
[54] **SPILL PROOF SNACK CONTAINER**
[54] **CONTENANT POUR ALIMENTS A L'EPREUVE DES RENVERSEMENTS ACCIDENTELS**
[72] VOLOSHIN, CORRI, CA
[71] VOLOSHIN, CORRI, CA
[22] 2000-12-07
[43] 2001-07-20
[30] US (09/488,399) 2000-01-20

[21] **2,328,011**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/12**
[25] EN
[54] **METHOD AND APPARATUS FOR LOAD BALANCING OF NETWORK SERVICES**
[54] **METHODE ET APPAREIL POUR EQUILIBRER LA CHARGE DES SERVICES DE RESEAU**
[72] HOSSAIN, ASHFAQ, US
[72] ROYER, RANDOLPH, US
[72] GASMAN, CHARLES ROBERT, US
[72] SHU, HOUSHING FRANK, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-12-12
[43] 2001-07-18
[30] US (09/484,097) 2000-01-18

[21] **2,328,012**
[13] A1

[51] **Int.Cl. 7H04L 12/26 7H04L 12/66**
[25] EN
[54] **METHOD AND APPARATUS FOR ANALYZING ONE OR MORE FIREWALLS**
[54] **METHODE ET APPAREIL POUR ANALYSER UN OU PLUSIEURS COUPE-FEU**
[72] WOOL, AVISHAI, US
[72] MAYER, ALAIN JULES, US
[72] ZISKIND, ELISHA, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-12-12
[43] 2001-07-18
[30] US (09/483,876) 2000-01-18

[21] **2,328,118**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7G06F 12/02 7G06F 17/30**
[25] EN
[54] **HIERARCHICAL DATA NETWORK ADDRESS RESOLUTION**
[54] **RESOLUTION D'ADRESSE DANS UN RESEAU DE DONNEES HIERARCHIQUES**
[72] JAI, BEN, US
[72] MARTIN, CLIFFORD E., US
[72] SILBERSCHATZ, ABRAHAM, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-12-12
[43] 2001-07-19
[30] US (09/487,516) 2000-01-19

[21] **2,328,282**
[13] A1

[51] **Int.Cl. 7B65G 27/24**
[25] EN
[54] **ADJUSTABLE TUNING SPRING SYSTEM FOR VIBRATORY CONVEYOR DRIVES**
[54] **SYSTEME A RESSORTS REGLABLE POUR LES COURROIES D'ENTRAINEMENT VIBRATOIRES DES CONVOYEURS**
[72] PATTERSON, HAROLD E., US
[71] FMC CORPORATION, US
[22] 2000-12-14
[43] 2001-07-18
[30] US (09/484,752) 2000-01-18

[21] **2,328,341**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 12/16**
[25] EN
[54] **SOUND STRUCTURE FOR WEB NAVIGATION**
[54] **STRUCTURE SONORE POUR LA NAVIGATION SUR INTERNET**
[72] ROBERTS, LINDA A., US
[72] SIKORA, CYNTHIA A., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-12-14
[43] 2001-07-20
[30] US (09/488,729) 2000-01-20

[21] **2,328,701**
[13] A1

[51] **Int.Cl. 7B81B 5/00 7B81B 7/02**
[25] EN
[54] **MEMS MAGNETICALLY ACTUATED SWITCHES AND ASSOCIATED SWITCHING ARRAYS**
[54] **COMMUTATEURS MEMS ACTIVES MAGNETIQUEMENT ET CONFIGURATIONS DE COMMUTATION CONNEXES**
[72] HILL, EDWARD A., US
[72] MAHADEVAN, RAMASWAMY, US
[71] CRONOS INTEGRATED MICROSYSTEMS, INC., US
[22] 2000-12-15
[43] 2001-07-20
[30] US (09/487,976) 2000-01-20

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[21] **2,328,713**
[13] A1

[51] **Int.Cl. 7G02B 26/08 7B81B 5/00**
[25] EN
[54] **MEMS OPTICAL CROSS-CONNECT SWITCH**
[54] **COMMUTATEUR D'INTERCONNEXION OPTIQUE MEMS**
[72] MAHADEVAN, RAMASWAMY, US
[72] WOOD, ROBERT L., US
[72] HILL, EDWARD A., US
[71] CRONOS INTEGRATED MICROSYSTEMS, INC., US
[22] 2000-12-15
[43] 2001-07-21
[30] US (09/489,264) 2000-01-21

[21] **2,329,245**
[13] A1

[51] **Int.Cl. 7C08L 33/06 7E04C 5/00 7C04B 26/04 7C09J 5/06**
[25] EN
[54] **MORTAR COMPOSITION, CURABLE BY FRONTAL POLYMERIZATION AND A METHOD FOR FASTENING TIE BARS**
[54] **COMPOSITION DE MORTIER, CURABLE PAR POLYMERISATION FRONTALE ET METHODE POUR FIXER LES FERS DE LIAISON**
[72] BURGEL, THOMAS, DE
[72] MORBIDELLI, MASSIMO, CH
[72] PFEIL, ARMIN, DE
[72] ROSELL, ANNY, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2000-12-20
[43] 2001-07-20
[30] DE (10002367.3) 2000-01-20

[21] **2,329,265**
[13] A1

[51] **Int.Cl. 7H04B 7/005 7H04J 3/02 7H04Q 7/36**
[25] EN
[54] **METHOD AND SYSTEM FOR DYNAMIC DOWNLINK POWER CONTROL IN A TIME-DIVISION, MULTIPLEX WIRELESS SYSTEM**
[54] **PROCEDE ET SYSTEME DE REGULATION DE LA PUISSANCE D'EMISSION EN LIAISON DESCENDANTE A REPARTITION DANS LE TEMPS, SYSTEME MULTIPLEX SANS-FILS**
[72] HUANG, JOE, US
[72] CHENG, TERRY SI-FONG, SG
[72] MISRA, APARAJITA, US
[72] MURPHY, KEVIN JOHN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-12-20
[43] 2001-07-21
[30] US (09/488,543) 2000-01-21

[21] **2,329,287**
[13] A1

[51] **Int.Cl. 7G06F 13/38 7G06F 5/06**
[25] EN
[54] **HOST INTERFACE FOR IMAGING ARRAYS**
[54] **INTERFACE HOTE POUR DISPOSITIF D'IMAGERIE**
[72] SUSKA, MARK, CA
[71] SYMAGERY MICROSYSTEMS INC., CA
[22] 2000-12-21
[43] 2001-07-21
[30] US (60/177,496) 2000-01-21

[21] **2,329,410**
[13] A1

[51] **Int.Cl. 7G01R 31/36**
[25] EN
[54] **RECHARGEABLE BATTERY ELECTRODE TESTING DEVICE**
[54] **DISPOSITIF POUR TESTER LES ELECTRODES DE PILES RECHARGEABLES**
[72] MARTINEAU, DANIEL, CA
[72] WRONSKI, ZBIGNIEW S., CA
[71] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL, CA
[22] 2000-12-21
[43] 2001-07-21
[30] US (09/489,334) 2000-01-21

[21] **2,329,816**
[13] A1

[51] **Int.Cl. 7H01L 21/68**
[25] EN
[54] **WAFER HOLDER FOR SEMICONDUCTOR MANUFACTURING APPARATUS, METHOD OF MANUFACTURING WAFER HOLDER, AND SEMICONDUCTOR MANUFACTURING APPARATUS**
[54] **SUPPORT DE PLAQUETTES POUR APPAREIL DE FABRICATION DE SEMICONDUCTEURS, METHODE DE FABRICATION DU SUPPORT DE PLAQUETTES ET APPAREIL DE FABRICATION DE SEMICONDUCTEURS**
[72] NATSUHARA, MASUHIRO, JP
[72] HIGAKI, KENJIRO, JP
[72] NAKATA, HIROHIKO, JP
[72] KUBIRA, AKIRA, JP
[72] ISHII, TAKASHI, JP
[72] MATSUI, YASUYUKI, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2000-12-28
[43] 2001-07-20
[30] JP (2000-012061) 2000-01-20
[30] JP (2000-160721) 2000-05-30
[30] JP (2000-200860) 2000-07-03

[21] **2,329,850**
[13] A1

[51] **Int.Cl. 7B08B 9/027 7E03C 1/30**
[25] EN
[54] **ADAPTER FOR DRAIN CLEANING TOOL**
[54] **ADAPTATEUR POUR DEGORGEOIR**
[72] KIHS, JOSEF K., CA
[71] KIHS, JOSEF K., CA
[22] 2000-12-28
[43] 2001-07-19
[30] US (60/176810) 2000-01-19

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[21] **2,329,910**
[13] A1

[51] **Int.Cl. 7G10L 15/08 7G10L 15/10 7H04Q 3/64**
[25] EN
[54] **AUTOMATIC CALL DISTRIBUTOR WITH LANGUAGE BASED ROUTING SYSTEM AND METHOD**
[54] **DISTRIBUTEUR AUTOMATIQUE D'APPELS AVEC SYSTEME D'ACHEMINEMENT AXE SUR LA LANGUE, ET METHODE**
[72] BECK, JIM, US
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US
[22] 2001-01-02
[43] 2001-07-18
[30] US (09/484,140) 2000-01-18

[21] **2,329,987**
[13] A1

[51] **Int.Cl. 7F01N 1/24 7B60R 13/08 7F02B 77/13 7F01N 7/16**
[25] EN
[54] **CLADDING ELEMENT**
[54] **GAINÉ**
[72] BANTEL, JOERG, DE
[72] MOITZHEIM, JUERGEN, DE
[71] KAUTEX TEXTRON GMBH & CO. KG., DE
[22] 2001-01-02
[43] 2001-07-19
[30] DE (100 01 932.3) 2000-01-19

[21] **2,330,015**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 12/22 7H04L 9/32**
[25] EN
[54] **PERFORMANCE PATH METHOD AND APPARATUS FOR EXCHANGING DATA AMONG SYSTEMS USING DIFFERENT DATA FORMATS**
[54] **METHODE DU CHEMIN DE RENDEMENT ET APPAREIL POUR ECHANGER DES DONNEES ENTRE DES SYSTEMES UTILISANT DIFFERENTS FORMATS DE DONNEES**
[72] SCHAEFER, ROBERT G., US
[72] WARDHAN, HARSH, US
[71] REYNOLDS AND REYNOLDS HOLDINGS, INC., US
[22] 2000-12-29
[43] 2001-07-19
[30] US (60/176,625) 2000-01-19

[21] **2,330,063**
[13] A1

[51] **Int.Cl. 7A62B 7/02 7A61H 31/00 7A61M 16/00**
[25] EN
[54] **PATIENT VENTILATOR OXYGEN CONCENTRATION SYSTEM**
[54] **SYSTEME DE CONCENTRATION DE L'OXYGENE DANS UN VENTILATEUR**
[72] ZUGMAIER, MICHAEL, US
[72] CANTRILL, DEAN, US
[71] LITTON SYSTEMS, INC., US
[22] 2000-12-29
[43] 2001-07-18
[30] US (09/484,448) 2000-01-18

[21] **2,330,064**
[13] A1

[51] **Int.Cl. 7B64D 47/00**
[25] EN
[54] **ADJUSTABLE SENSOR SUPPORTING APPARATUS AND METHOD**
[54] **SUPPORT REGLABLE POUR DETECTEUR METHODE DE FONCTIONNEMENT**
[72] CORCORAN, DAN. E., US
[71] CORCORAN, DAN. E., US
[22] 2001-01-03
[43] 2001-07-20
[30] US (09/488,912) 2000-01-20

[21] **2,330,066**
[13] A1

[51] **Int.Cl. 7B64D 10/00**
[25] EN
[54] **AN APPARATUS FOR AND METHOD OF COMBATING THE GRAVITY PUSH-PULL EFFECT EXPERIENCED BY AN AIRMAN WEARING A FLIGHT SUIT**
[54] **APPAREIL ET METHODE POUR COMBATTRE L'EFFET POUSSEE-TIREE DE LA PESANTEUR QUE RESSENTENT LES AVIATEURS QUI PORTENT UNE COMBINAISON DE VOL**
[72] CROME, VICTOR P., US
[72] HART, RUSSEL F., US
[71] LITTON SYSTEMS, INC., US
[22] 2000-12-29
[43] 2001-07-18
[30] US (09/484,449) 2000-01-18

[21] **2,330,080**
[13] A1

[51] **Int.Cl. 7G01J 1/42**
[25] EN
[54] **AMBIENT LIGHT DETECTION TECHNIQUE FOR AN IMAGING ARRAY**
[54] **TECHNIQUE DE DETECTION DE LUMIERE AMBIANTE POUR UN DISPOSITIF D'IMAGERIE**
[72] VULPOIU, PAUL, CA
[72] ROUSTAEI, ALEX, US
[72] SCOTT-THOMAS, JOHN, CA
[71] SYMAGERY MICROSYSTEMS INC., CA
[22] 2001-01-03
[43] 2001-07-21
[30] US (60/177,496) 2000-01-21
[30] US (09/718,137) 2000-11-21

[21] **2,330,093**
[13] A1

[51] **Int.Cl. 7C09D 5/10 7C09D 17/00**
[25] EN
[54] **FLOWABLE AND PUMPABLE METALLIC-PIGMENT SEMIFINISHED PRODUCT FOR THE PRODUCTION OF PAINTS AND LACQUERS**
[54] **PRODUIT SEMI-FINI AVEC PIGMENTS METALLIQUES, AQUEUX ET POMPAGE, POUR LA PRODUCTION DE PEINTURES ET DE LAQUES**
[72] MAUL, ROBERT, DE
[72] KORN, ANDREAS, DE
[71] ECKART-WERKE STANDARD BRONZEPULVER-WERKE CARL ECKART GMBH & CO., DE
[22] 2001-01-04
[43] 2001-07-15
[30] DE (100 01 437.2) 2000-01-15

[21] **2,330,158**
[13] A1

[51] **Int.Cl. 7B21D 7/00**
[25] EN
[54] **METHOD AND APPARATUS FOR BENDING TUBING**
[54] **METHODE ET APPAREIL POUR PLIER DES TUYAUX**
[72] KLINGENSMITH, JAMES K., US
[72] WEHMEYER, JOHN E., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2001-01-04
[43] 2001-07-19
[30] US (09/487,855) 2000-01-19

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[21] **2,330,177**
[13] A1

[51] **Int.Cl. 7A23G 3/20 7A23G 9/24**
[25] EN
[54] **METHOD FOR MANUFACTURING CONFECTIONERY BARS**
[54] **METHODE POUR CONFECTIONNER DES FRIANDISES EN TABLETTE**
[72] LEFEBVRE, RENE, FR
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[22] 2001-01-03
[43] 2001-07-18
[30] EP (00200182.4) 2000-01-18

[21] **2,330,218**
[13] A1

[51] **Int.Cl. 7C04B 41/91**
[25] EN
[54] **METHOD OF REMOVING A THERMAL BARRIER COATING**
[54] **METHODE POUR ENLEVER UN REVETEMENT THERMIQUE**
[72] BROOKS, WILLIAM C., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2001-01-04
[43] 2001-07-20
[30] US (09/487,986) 2000-01-20

[21] **2,330,248**
[13] A1

[51] **Int.Cl. 7A62C 29/00 7A62C 31/02 7B63B 35/85**
[25] EN
[54] **DETACHABLE FIREFIGHTING ATTACHMENT FOR A PERSONAL WATERCRAFT**
[54] **ACCESSOIRE AMOVIBLE DE LUTTE CONTRE LES INCENDIES POUR EMBARCATIONS PERSONNELLES**
[72] STAUNING, VERNER, CA
[72] STAUNING, PAUL, CA
[71] STAUNING, VERNER, CA
[71] STAUNING, PAUL, CA
[22] 2001-01-05
[43] 2001-07-18
[30] US (09/484,980) 2000-01-18

[21] **2,330,397**
[13] A1

[51] **Int.Cl. 7B64D 15/04**
[25] EN
[54] **AIRCRAFT AIRFOIL LEADING EDGE MEMBER EQUIPPED WITH A DE-ICING DEVICE**
[54] **PIECE DE BORD D'ATTAQUE DE LA SURFACE PORTANTE D'UN AERONEF MUNIE D'UN DISPOSITIF DE DEGIVRAGE**
[72] LAUGT, PAUL, FR
[71] DASSAULT AVIATION, FR
[22] 2001-01-09
[43] 2001-07-17
[30] FR (00 00525) 2000-01-17

[21] **2,330,405**
[13] A1

[51] **Int.Cl. 7B65B 43/12**
[25] EN
[54] **PACKAGING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'EMBALLAGE**
[72] HODGE, MICHAEL J., US
[72] MERTENS, GREGG H., US
[71] AUTOMATED PACKAGING SYSTEMS, INC., US
[22] 2001-01-08
[43] 2001-07-19
[30] US (09/487,168) 2000-01-19

[21] **2,330,411**
[13] A1

[51] **Int.Cl. 7H03F 3/189 7H03C 1/00 7H03F 3/20**
[25] EN
[54] **RF POWER AMPLIFIER AND IMPROVEMENTS THEREOF**
[54] **AMPLIFICATEUR DE PUISSANCE RF ET AMELIORATIONS CORRESPONDANTES**
[72] LUU, KY THOAI, US
[71] HARRIS CORPORATION, US
[22] 2001-01-09
[43] 2001-07-21
[30] US (09/489,120-09/489,494) 2000-01-21

[21] **2,330,433**
[13] A1

[51] **Int.Cl. 7H04N 1/04 7H05B 37/02**
[25] EN
[54] **SMART EXPOSURE DETERMINATION FOR IMAGERS**
[54] **DETERMINATION INTELLIGENTE DE L'EXPOSITION POUR IMAGEURS**
[72] ROUSTAEI, ALEX, US
[72] VULPOIU, PAUL, CA
[71] SYMAGERY MICROSYSTEMS INC., CA
[22] 2001-01-09
[43] 2001-07-21
[30] US (60/177,496) 2000-01-21
[30] US (09/689,368) 2000-10-12

[21] **2,330,793**
[13] A1

[51] **Int.Cl. 7G01N 21/90**
[25] EN
[54] **CONTAINER SEALING SURFACE AREA INSPECTION**
[54] **INSPECTION DE L'AIRE DE SURFACE D'ETANCHEITE D'UN RESERVOIR**
[72] RINGLIEN, JAMES A., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[22] 2001-01-12
[43] 2001-07-21
[30] US (09/488,843) 2000-01-21

[21] **2,330,860**
[13] A1

[51] **Int.Cl. 7A61H 35/00**
[25] EN
[54] **MODULAR BIDET SPOUT ASSEMBLY**
[54] **BEC DE BIDET MODULAIRE**
[72] LOSCHELDER, TODD C., US
[72] DANIEL, JOHN, US
[71] MOEN INCORPORATED, US
[22] 2001-01-12
[43] 2001-07-19
[30] US (09/487,577) 2000-01-19

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[21] **2,330,869**
[13] A1

[51] **Int.Cl. 7E03C 1/24**
[25] EN
[54] **SINK DRAIN ASSEMBLY INCLUDING SINK SEAL CAP REMOVAL TOOL**
[54] **CANALISATION D'EVACUATION POUR EVIER/LAVABO COMPRENANT UN OUTIL POUR ENLEVER LE CAPUCHON D'ETANCHEITE**
[72] TALLEY, ALLEN L., US
[72] DANIEL, JOHN H., III, US
[71] MOEN INCORPORATED, US
[22] 2001-01-12
[43] 2001-07-19
[30] US (09/487,029) 2000-01-19

[21] **2,330,873**
[13] A1

[51] **Int.Cl. 7B27B 29/00**
[25] EN
[54] **CHOPPING MACHINE**
[54] **MACHINE A TRANCHER**
[72] PITKANTEMI, TARMO, FI
[71] PITKANTEMI, TARMO, FI
[22] 2001-01-12
[43] 2001-07-19
[30] FI (FI-20000109) 2000-01-19

[21] **2,330,888**
[13] A1

[51] **Int.Cl. 7G08C 25/00 7G08B 29/00**
[25] EN
[54] **ALARM LOCKOUT APPARATUS**
[54] **VERROU D'ALARME**
[72] TICE, LEE D., US
[71] PITTSWAY CORPORATION, US
[22] 2001-01-11
[43] 2001-07-19
[30] US (09/488,214) 2000-01-19

[21] **2,330,900**
[13] A1

[51] **Int.Cl. 7B65D 19/00**
[25] EN
[54] **EXPANDABLE PALLET**
[54] **PALETTE TELESCOPIQUE**
[72] KOEFELDA, GERALD R., US
[71] REHRIG PACIFIC COMPANY, US
[22] 2001-01-12
[43] 2001-07-15
[30] US (60/176,461) 2000-01-15
[30] US (09/724,164) 2000-11-28

[21] **2,330,955**
[13] A1

[51] **Int.Cl. 7B29C 49/04 7B29D 23/00 7B29C 47/20 7B29C 55/28 7B29C 49/78**
[25] EN
[54] **METHOD AND APPARATUS FOR LAY FLAT CONTROL IN AN EXTRUDED FILM PRODUCTION LINE**
[54] **METHODE ET APPAREIL DE COMMANDE D'APLATISSEMENT DANS UNE CHA-NE DE FABRICATION DE FILM EXTRUDE**
[72] JOSEPH, DANIEL R., US
[71] JOSEPH, DANIEL R., US
[22] 2001-01-15
[43] 2001-07-15
[30] US (60/176,457) 2000-01-15

[21] **2,330,959**
[13] A1

[51] **Int.Cl. 7G02B 26/08 7H04Q 3/52**
[25] EN
[54] **MXN OPTICAL SWITCH WITH IMPROVED STABILITY**
[54] **COMMUTATEUR OPTIQUE MXN AVEC STABILITE AMELIOREE**
[72] IRWIN, MICHAEL JOHN, CA
[71] JDS UNIPHASE INC., CA
[22] 2001-01-15
[43] 2001-07-18
[30] US (60/176,299) 2000-01-18

[21] **2,330,986**
[13] A1

[51] **Int.Cl. 7B23D 25/12**
[25] EN
[54] **HIGH-SPEED SHEAR FOR TRANSVERSELY CUTTING ROLLED STRIP**
[54] **CISAILLE A HAUTE VITESSE POUR COUPER UNE BANDE LAMINEE TRANSVERSALEMENT**
[72] GRAFE, HORST, DE
[72] LOTH, VOLKER, DE
[72] MERZ, JURGEN, DE
[71] SMS DEMAG AG, DE
[22] 2001-01-11
[43] 2001-07-19
[30] DE (100 01 928.5) 2000-01-19

[21] **2,330,987**
[13] A1

[51] **Int.Cl. 7E21B 10/24**
[25] EN
[54] **PROTECTED LUBRICANT RESERVOIR WITH PRESSURE CONTROL FOR SEALED BEARING EARTH BORING DRILL BIT**
[54] **RESERVOIR DE LUBRIFIANT PROTEGE AVEC COMMANDE PAR PRESSION POUR TREPAN DE FORAGE DE TERRAIN AVEC ROULEMENT ETANCHE**
[72] DIDERICKSEN, ROGER, US
[72] NORRIS, KIRK A., US
[72] CONN, WILLIAM M., US
[72] CARIVEAU, PETER T., US
[72] SLAUGHTER, ROBERT H., JR., US
[71] SMITH INTERNATIONAL, INC., US
[22] 2001-01-11
[43] 2001-07-18
[30] US (09/487,947) 2000-01-18

[21] **2,330,992**
[13] A1

[51] **Int.Cl. 7C22C 21/00 7C22C 1/00 7B22D 21/04 7B22D 17/20**
[25] EN
[54] **ALUMINIUM CASTING ALLOY**
[54] **ALLIAGE DE MOULAGE D'ALUMINIUM**
[72] KOCH, HUBERT, DE
[72] KRUG, PETER, DE
[72] SCHRAMM, HORST, DE
[71] ALUMINIUM RHEINFELDEN GMBH, DE
[22] 2001-01-15
[43] 2001-07-19
[30] EP (00810040.6) 2000-01-19

[21] **2,331,002**
[13] A1

[51] **Int.Cl. 7H04N 3/15 7H04N 5/30**
[25] EN
[54] **ANALOG STORAGE FOR A CMOS ARRAY**
[54] **MEMORISATION ANALOGIQUE POUR RESEAU CMOS**
[72] SCOTT-THOMAS, JOHN, CA
[71] SYMAGERY MICROSYSTEMS INC., CA
[22] 2001-01-10
[43] 2001-07-21
[30] US (60/177,496) 2000-01-21

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[21] **2,331,026**
[13] A1
[51] **Int.Cl. 7H01M 2/14 7H01M 8/02**
[25] EN
[54] **MOLD FOR PRODUCING FUEL CELL SEPARATOR**
[54] **MOULE POUR PRODUIRE UN SEPARATEUR DE PILES A COMBUSTIBLE**
[72] HAGIWARA, ATSUSHI, JP
[72] MAKI, TAKASHI, JP
[72] KAMOGAWA, MOTOHIKO, JP
[72] SAITO, KAZUO, JP
[71] NISSHINBO INDUSTRIES INC., JP
[22] 2001-01-10
[43] 2001-07-20
[30] JP (2000-11095) 2000-01-20

[21] **2,331,034**
[13] A1
[51] **Int.Cl. 7B01D 53/047**
[25] EN
[54] **PRESSURE SWING ADSORPTION PROCESS WITH MULTIPLE BEDS ON PURGE AND/OR WITH TEN BEDS AND FOUR PRESSURE EQUALIZATION STEPS**
[54] **PROCEDE D'ADSORPTION MODULEE EN PRESSION AVEC LITS MULTIPLES EN VIDANGE ET/OU AVEC DIX LITS ET QUATRE ETAPES D'EGALISATION DE LA PRESSION**
[72] RARIG, DAVID LESTER, US
[72] WEIST, EDWARD LANDIS JR., US
[72] XU, JIANGUO, US
[72] OCCHIALINI, JAMES MICHAEL, US
[72] PILLARELLA, MARK ROBERT, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2001-01-15
[43] 2001-07-20
[30] US (09/488,648) 2000-01-20

[21] **2,331,074**
[13] A1
[51] **Int.Cl. 7G03G 15/16 7B41M 1/34**
[25] EN
[54] **DEVICE FOR PRINTING ON PAPER OR PLATE-SHAPED MATERIALS**
[54] **DISPOSITIF POUR IMPRESSION SUR PAPIER OU SUR MATERIAUX EN FORME DE PLAQUE**
[72] SCHULTHEIS, BERND, DE
[72] LATTERMANN, BIRGIT, DE
[72] ZIMMER, MICHAEL, DE
[71] ZIMMER, MICHAEL, DE
[71] SCHOTT GLAS, DE
[22] 2001-01-15
[43] 2001-07-15
[30] DE (100 01 452.6-51) 2000-01-15

[21] **2,331,084**
[13] A1
[51] **Int.Cl. 7C02F 1/50**
[25] EN
[54] **WATER TREATMENT**
[54] **TRAITEMENT DE L'EAU**
[72] KING, JOSEPH A., US
[72] EDELSON, MARTIN ROBERT, US
[71] KING TECHNOLOGY, INC., US
[22] 2001-01-10
[43] 2001-07-21
[30] US (60/177,558) 2000-01-21
[30] US (09/550,688) 2000-04-20
[30] US (09/707,114) 2000-11-10

[21] **2,331,100**
[13] A1
[51] **Int.Cl. 7B60K 17/30**
[25] EN
[54] **OMNIDIRECTIONAL VEHICLE AND METHOD OF CONTROLLING THE SAME**
[54] **VEHICULE OMNIDIRECTIONNEL, ET METHODE DE COMMANDE DUDIT VEHICULE**
[72] WADA, MASAYOSHI, JP
[71] FUJI ELECTRIC CO., LTD., JP
[22] 2001-01-16
[43] 2001-07-17
[30] JP (2000-007969) 2000-01-17

[21] **2,331,105**
[13] A1
[51] **Int.Cl. 7B66C 13/12**
[25] EN
[54] **ANTI-TWO BLOCK WIRE INTERNAL TO CRANE TELESCOPIC BOOM**
[54] **DISPOSITIF INTERNE DE FIL ANTI-RAPPROCHEMENT DE MOUFLES A UNE FLECHE TELESCOPIQUE DE GRUE**
[72] SCHNEIDER, WILLIAM D., US
[71] NATIONAL CRANE CORPORATION, US
[22] 2001-01-16
[43] 2001-07-21
[30] US (60/177,215) 2000-01-21
[30] US (09/659,506) 2000-09-11

[21] **2,331,112**
[13] A1
[51] **Int.Cl. 7H04Q 7/36 7H04Q 7/38**
[25] EN
[54] **PSEUDO-GLOBAL TITLE TRANSLATION FOR INTERNATIONAL ROAMING OF ANSI-41 SUBSCRIBERS**
[54] **TRADUCTION DE TITRE PSEUDO-GLOBAL D'ITINERANCE INTERNATIONAL D'USAGERS D'ANSI-41**
[72] BOWMAN, PHILIP J., US
[72] BAZINET, CHRISTIAN, US
[71] GLOBALSTAR L.P., US
[22] 2001-01-16
[43] 2001-07-21
[30] US (09/489,242) 2000-01-21

[21] **2,331,119**
[13] A1
[51] **Int.Cl. 7A23L 3/375 7F25D 13/06**
[25] EN
[54] **MODULAR APPARATUS FOR COOLING AND FREEZING OF A FOOD PRODUCT ON A MOVING SUBSTRATE**
[54] **APPAREIL MODULAIRE POUR LE REFROIDISSEMENT ET LA CONGELATION D'UN PRODUIT ALIMENTAIRE SUR UN SUBSTRAT MOBILE**
[72] NEWMAN, MICHAEL D., US
[72] MCCORMICK, STEPHEN, US
[71] THE BOC GROUP, INC., US
[22] 2001-01-16
[43] 2001-07-18
[30] US (09/483,963) 2000-01-18
[30] US (09/757,972) 2001-01-10

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[21] **2,331,143**
[13] A1

[51] **Int.Cl. 7G02B 27/28 7G02B 6/26 7G02B 5/30**
[25] EN
[54] **FIBEROPTIC POLARIZER AND METHOD OF MAKING THE SAME**
[54] **POLARISATEUR A FIBRES OPTIQUES ET METHODE DE FABRICATION**
[72] TAKAHASHI, HIROKI, JP
[72] TAKEUCHI, YOSHIKI, JP
[72] ONO, TOSHIHOKO, JP
[72] SASAKI, TOSHIO, JP
[72] HASUI, KENJIROU, JP
[71] CORNING INCORPORATED, US
[22] 2001-01-16
[43] 2001-07-18
[30] US (60/176,797) 2000-01-18

[21] **2,331,144**
[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **SIMPLE SUPPLEMENTARY SERVICE PROTOCOL (SSSP)**
[54] **PROTOCOLE DE COMPLEMENT DE SERVICE SIMPLE (PCSS)**
[72] TAM, TERRY, CA
[71] MITEL CORPORATION, CA
[22] 2001-01-15
[43] 2001-07-17
[30] GB (0001035.5) 2000-01-17

[21] **2,331,145**
[13] A1

[51] **Int.Cl. 7B66D 1/00**
[25] EN
[54] **WINCH**
[54] **WINCH**
[72] MEYERDIERKS, HELMUT, DE
[71] MEYERDIERKS, HELMUT, DE
[22] 2001-01-16
[43] 2001-07-18
[30] DE (200 00 724.6) 2000-01-18
[30] EP (00 71 0043.1) 2000-12-18

[21] **2,331,159**
[13] A1

[51] **Int.Cl. 7F01P 3/12 7B63H 20/00**
[25] EN
[54] **PASSAGE WALL COOLING STRUCTURE IN OUTBOARD ENGINE SYSTEM**
[54] **STRUCTURE POUR REFROIDIR LE MUR DE PASSAGE D'UN SYSTEME DE MOTEUR HORS-BORD**
[72] TAKADA, HIDEAKI, JP
[72] TAWA, HIROKI, JP
[72] MURATA, HIROYUKI, JP
[72] IKUMA, TOMONORI, JP
[72] YOSHIDA, HIROYUKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2001-01-16
[43] 2001-07-17
[30] JP (2000-10385) 2000-01-17

[21] **2,331,160**
[13] A1

[51] **Int.Cl. 7H01M 6/52 7H01M 10/54**
[25] EN
[54] **ROTARY THERMAL OXIDIZER FOR BATTERY RECYCLING**
[54] **OXYDEUR THERMIQUE ROTATOIRE POUR LE RECYCLAGE DES PILES**
[72] HANEWALD, RICHARD H., US
[72] BLEAKNEY, RUSSELL R., US
[72] AIKEN, VICTOR HENRY, CA
[72] VAHED, AHMED, CA
[71] WARNER, ANTHONY EDWARD MOLINE, CA
[71] THE INTERNATIONAL METALS RECLAMATION COMPANY, INC., US
[22] 2001-01-16
[43] 2001-07-18
[30] US (09/484,750) 2000-01-18

[21] **2,331,162**
[13] A1

[51] **Int.Cl. 7C08L 63/00**
[25] EN
[54] **CURABLE TWO-COMPONENT MORTAR COMPOSITION AND ITS USE**
[54] **COMPOSITION DE BETON DURCISSABLE A DEUX COMPOSANTS ET SON UTILISATION**
[72] KRAUTER, MECHTHILD, DE
[72] DIERKER, SASCHA, DE
[72] GIENAU, ROLAND, DE
[71] HILTI AKTIENGESSELLSCHAFT, LI
[22] 2001-01-16
[43] 2001-07-21
[30] DE (10002605.2) 2000-01-21

[21] **2,331,165**
[13] A1

[51] **Int.Cl. 7C03B 5/16**
[25] EN
[54] **ELECTROSTATIC BATCH PREHEATER**
[54] **PRECHAUFFEUR ELECTROSTATIQUE DE MATIERES PREMIERES**
[72] ALEXANDER, JEFFREY CARL, GB
[71] THE BOC GROUP PLC, GB
[22] 2001-01-16
[43] 2001-07-18
[30] GB (0000969.6) 2000-01-18

[21] **2,331,167**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 35/00 7C12P 19/00 7C12Q 1/02 7A61K 31/7028**
[25] EN
[54] **AUGMENTATION METHOD FOR ANTITUMOR ACTIVITY OF SUBSTANCE CONTAINING AMYGDALIN, COMPOSITION CONTAINING AUGMENTED AMYGDALIN CONTAINED SUBSTANCE, METHOD FOR ASSESSING ANTITUMOR EFFICACY OF TREATMENT FOR AMYGDALIN CONTAINED SUBSTANCE AND METHOD FOR ASSESSING ANTITUMOR SUBSTANCE CONTAINING AMYGDALIN**
[54] **METHODE D'AMELIORATION DE L'ACTIVITE ANTITUMORALE D'UNE SUBSTANCE CONTENANT DE L'AMYGDALINE, COMPOSITION CONTENANT LADITE SUBSTANCE AMELIOREE, METHODE D'EVALUATION DE L'EFFICACITEANTITUMORALE D'UN TRAITEMENT POUR LADITE SUBSTANCE ET METHODE D'EVALUATION DE LA SUBSTANCE ANTITUMORALE CONTENANT DE L'AMYGDALINE**
[72] NIWA, KOZO, JP
[71] NIWA, KOZO, JP
[22] 2001-01-16
[43] 2001-07-17
[30] JP (2000-8337) 2000-01-17

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[21] **2,331,190**
[13] A1
[51] **Int.Cl. 7B32B 5/04 7B32B 5/08**
[25] EN
[54] **ELASTICALLY STRETCHABLE COMPOSITE SHEET AND PROCESS FOR MAKING THE SAME**
[54] **FEUILLE DE COMPOSITE ELASTIQUE ETIRABLE ET PROCEDE DE FABRICATION**
[72] KOBAYASHI, TOSHIO, JP
[72] OHATA, HIROYUKI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2001-01-17
[43] 2001-07-20
[30] JP (2000-11994) 2000-01-20

[21] **2,331,193**
[13] A1
[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **ATM CONNECTION BAND CONTROL METHOD AND CONTROL SYSTEM**
[54] **METHODE ET SYSTEME DE COMMANDE D'UNE BANDE DE CONNEXION MTA**
[72] UKON, SHINICHI, JP
[71] NEC CORPORATION, JP
[22] 2001-01-17
[43] 2001-07-18
[30] JP (00/009445) 2000-01-18

[21] **2,331,205**
[13] A1
[51] **Int.Cl. 7B65H 75/08 7H02G 11/02**
[25] EN
[54] **DEVICE FOR A WOUND WIRE THAT IS RELATIVELY STIFF**
[54] **DISPOSITIF POUR FIL D'ENROULEMENT RELATIVEMENT RAIDE**
[72] MESSIER, NORMAND, CA
[71] MESSIER, NORMAND, CA
[22] 2001-01-16
[43] 2001-07-17
[30] CA (2,296,153) 2000-01-17

[21] **2,331,207**
[13] A1
[51] **Int.Cl. 7B63H 20/00**
[25] EN
[54] **OUTBOARD ENGINE SYSTEM**
[54] **SYSTEME DE MOTEUR HORS-BORD**
[72] IKUMA, TOMONORI, JP
[72] TAWA, HIROKI, JP
[72] KAWASAKI, TOYOKAZU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2001-01-16
[43] 2001-07-17
[30] JP (2000-10383) 2000-01-17
[30] JP (2000-10384) 2000-01-17

[21] **2,331,224**
[13] A1
[51] **Int.Cl. 7A01N 3/02 7C08J 9/06**
[25] EN
[54] **METHOD OF FORMING FOAM PRODUCT WITH CUT FLOWER FOOD INCORPORATED THEREIN**
[54] **METHODE POUR FABRIQUER UN PRODUIT DE MOUSSE CONTENANT DE L'ENGRAIS POUR FLEURS COUPEES**
[72] PIUS, SILVESTER, US
[71] FLORALIFE, INC., US
[22] 2001-01-17
[43] 2001-07-18
[30] US (09/484,589) 2000-01-18

[21] **2,331,228**
[13] A1
[51] **Int.Cl. 7H04M 1/253 7H04L 12/66**
[25] EN
[54] **PACKET LOSS COMPENSATION METHOD USING INJECTION OF SPECTRALLY SHAPED NOISE**
[54] **METHODE POUR RECOUVRER DES DONNEES PERDUES EN UTILISANT L'INJECTION DE BRUIT FORME PAR UN SPECTRE**
[72] SCHULZ, DIETER, CA
[72] GOUBRAN, RAFIK, CA
[72] HUANG, YING, CA
[71] MITEL CORPORATION, CA
[22] 2001-01-17
[43] 2001-07-18
[30] GB (0001157.7) 2000-01-18

[21] **2,331,231**
[13] A1
[51] **Int.Cl. 7H04L 9/00 7H04K 1/00**
[25] EN
[54] **TELECOMMUNICATION SYSTEM FOR TRANSPORTING AND PROTECTING INFORMATION, TERMINAL, AND METHOD**
[54] **SYSTEME DE TELECOMMUNICATION POUR TRANSPORTER ET PROTEGER L'INFORMATION, TERMINAL, ET PROCEDE**
[72] HOFKENS, JURGEN, BE
[71] ALCATEL, FR
[22] 2001-01-17
[43] 2001-07-21
[30] EP (00 440 015.6) 2000-01-21

[21] **2,331,238**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7A63F 13/00 7H04L 12/16**
[25] EN
[54] **SAFE GAMING SYSTEM**
[54] **SYSTEME DE CONTROLE SECURITAIRE POUR JEUX DE HASARD**
[72] JOHNSON, RICHARD A., US
[71] JOHNSON, RICHARD A., US
[22] 2001-01-17
[43] 2001-07-20
[30] US (60/177,182) 2000-01-20

[21] **2,331,240**
[13] A1
[51] **Int.Cl. 7G02B 5/18**
[25] EN
[54] **OPTICAL REFLECTION GRATING AND METHOD FOR ITS OPTIMIZATION AND OPTICAL SPECTROMETER**
[54] **RESEAU DE REFLEXION OPTIQUE ET METHODE D'OPTIMISATION, ET SPECTROMETRE OPTIQUE**
[72] FUHRMANN, THOMAS, DE
[71] WAVETEK WANDEL GOLTERMANN ENINGEN GMBH, DE
[22] 2001-01-17
[43] 2001-07-18
[30] EP (00 100 864.8) 2000-01-18

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[21] **2,331,241**
[13] A1

[51] **Int.Cl. 7G02B 6/36**
[25] EN
[54] **PIN AND SOCKET FIBER OPTIC TERMINI**
[54] **TERMINAISONS DE FIBRES OPTIQUES MALES ET FEMELLES**
[72] GALLUSSER, DAVID OTIS, US
[72] MIKOLAICYK, JOHN HENRY, US
[72] OLEKSIK, GREGORY JOHN, US
[72] JOHNSON, HEATH ALLEN, US
[71] AMPHENOL CORPORATION, US
[22] 2001-01-17
[43] 2001-07-18
[30] US (09/484,035) 2000-01-18

[21] **2,331,242**
[13] A1

[51] **Int.Cl. 7G02C 9/04**
[25] EN
[54] **SUPPORT FOR AUXILIARY LENSES**
[54] **SUPPORT POUR LENTILLES AUXILIAIRES**
[72] DA VIA, GIANMARCO, IT
[71] DA VIA, GIANMARCO, IT
[22] 2001-01-17
[43] 2001-07-21
[30] IT (UD2000A000007) 2000-01-21

[21] **2,331,244**
[13] A1

[51] **Int.Cl. 7A63F 13/00 7G06F 19/00 7H04L 12/16 7H04L 9/32**
[25] EN
[54] **METHOD AND APPARATUS FOR AWARDED AND REDEEMING PROMOTIONAL POINTS AT AN ELECTRONIC GAME**
[54] **PROCEDE ET DISPOSITIF POUR ATTRIBUER ET REMBOURSER LES POINTS PROMOTIONNELS A UN JEU ELECTRONIQUE**
[72] MATTHEWS, THOMAS J., US
[72] ADAMS, WILLIAM R., US
[71] ANCHOR COIN, INC., US
[22] 2001-01-17
[43] 2001-07-21
[30] US (09/489,249) 2000-01-21

[21] **2,331,246**
[13] A1

[51] **Int.Cl. 7B61B 3/02**
[25] EN
[54] **CONVEYING DEVICE**
[54] **DISPOSITIF DE TRANSPORT**
[72] STAUBER, H. ULRICH, CH
[71] FERAG AG, CH
[22] 2001-01-17
[43] 2001-07-18
[30] CH (0 087/00) 2000-01-18

[21] **2,331,248**
[13] A1

[51] **Int.Cl. 7H01R 13/639**
[25] EN
[54] **ANTI-DECOUPLING ARRANGEMENT FOR AN ELECTRICAL CONNECTOR**
[54] **DISPOSITIF ANTIDECOUPAGE POUR UN CONNECTEUR ELECTRIQUE**
[72] WESTRICK, CLIFFORD JOSEPH, US
[72] JOHNSON, HEATH ALLEN, US
[72] FREAR, DAVID LEIGH, US
[71] AMPHENOL CORPORATION, US
[22] 2001-01-17
[43] 2001-07-19
[30] US (09/487,214) 2000-01-19

[21] **2,331,251**
[13] A1

[51] **Int.Cl. 7G06F 13/10 7G06F 19/00 7H01H 13/64**
[25] EN
[54] **DATA PROCESSING DEVICE FOR CAMERA-INTEGRATED VTR, PRINTER THEREOF, AND METHOD FOR OPERATING THE PRINTER**
[54] **DISPOSITIF DE TRAITEMENT DE DONNEES POUR MAGNETOSCOPE A BANDE INTEGREE A UNE CAMERA, IMPRIMANTE, ET METHODE DE FONCTIONNEMENT DE L'IMPRIMANTE**
[72] ISHIMITSU, HAJIME, JP
[72] KUBODERA, TOSHIMITSU, JP
[72] MIYAJIMA, YOICHI, JP
[72] YAMAGUCHI, MASATO, JP
[72] KOMATSU, KOUJI, JP
[72] MORIKAWA, SEIICHI, JP
[72] HIGUCHI, YOSHINARI, JP
[72] OHYAMA, HIROYUKI, JP
[72] KATO, YUKIHIRO, JP
[72] ISHIHARA, JUNYA, JP
[72] CHIBA, KEIKICHI, JP
[71] SONY CORPORATION, JP
[22] 2001-01-17
[43] 2001-07-19
[30] JP (P2000-010401) 2000-01-19
[30] JP (P2000-075940) 2000-03-17

[21] **2,331,252**
[13] A1

[51] **Int.Cl. 7H04L 12/54 7H04L 12/24**
[25] EN
[54] **METHOD AND APPARATUS FOR USING QUEUE FOR INDEFINITELY LONG MESSAGE**
[54] **METHODE ET APPAREIL POUR UTILISER UNE FILE D'ATTENTE POUR UN MESSAGE DE LONGUEUR INDEFINIE**
[72] HATANO, SHIZUKA, JP
[71] NEC CORPORATION, JP
[22] 2001-01-17
[43] 2001-07-19
[30] JP (2000-009606) 2000-01-19

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[21] **2,331,262**
[13] A1
[51] **Int.Cl. 7G06N 3/02 7G01N 33/22**
[25] EN
[54] **METHOD FOR PREDICTING FLAMMABILITY LIMITS OF COMPLEX MIXTURES**
[54] **METHODE POUR PREDIRE LA LIMITE D'INFLAMMABILITE DES MELANGES COMPLEXES**
[72] WAGNER, MATTHEW LINCOLN, US
[72] AKHRAS, AMER WAHID, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2001-01-17
[43] 2001-07-18
[30] US (09/487,385) 2000-01-18

[21] **2,331,283**
[13] A1
[51] **Int.Cl. 7F01L 1/18**
[25] EN
[54] **VALVE OPERATING SYSTEM IN INTERNAL COMBUSTION ENGINE**
[54] **DISTRIBUTION DANS UN MOTEUR A COMBUSTION INTERNE**
[72] TANAKA, CHIKARA, JP
[72] IWAMOTO, JUNICHI, JP
[72] YAMADA, NORIYUKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2001-01-17
[43] 2001-07-18
[30] JP (2000-13917) 2000-01-18

[21] **2,331,418**
[13] A1
[51] **Int.Cl. 7E05B 63/00**
[25] EN
[54] **INTERCONNECTED LOCK WITH KEYLESS EXIT**
[54] **VERROU INTERCONNECTE AVEC SORTIE SANS CLE**
[72] BUSSIERE, JOHN, US
[72] BATES, PETER, US
[72] BEATTY, CHRISTOPHER N., US
[71] SCHLAGE LOCK COMPANY, US
[22] 2001-01-19
[43] 2001-07-19
[30] US (60/176,999) 2000-01-19
[30] US (09/765,997) 2001-01-19

[21] **2,331,269**
[13] A1
[51] **Int.Cl. 7B65D 33/25**
[25] EN
[54] **RECLOSABLE PACKAGE HAVING SLIDER DEVICE AND TAMPER-EVIDENT STRUCTURE**
[54] **EMBALLAGE REFERMABLE MUNI D'UN DISPOSITIF A GLISSIERE ET AYANT UNE STRUCTURE INVOLABLE**
[72] BUCHMAN, JAMES E., US
[71] REYNOLDS CONSUMER PRODUCTS, INC., US
[22] 2001-01-17
[43] 2001-07-18
[30] US (60/179,031) 2000-01-18
[30] US (09/621,600) 2000-07-21

[21] **2,331,292**
[13] A1
[51] **Int.Cl. 7B24B 29/00**
[25] EN
[54] **POLISHER AND GROUND PAPER FOR POLISHERS**
[54] **POLISSEUSE ET PAPIER MOULU POUR POLISSEUSES**
[72] UENO, MAKOTO, JP
[71] DUKEPLANNING & CO., INC., JP
[22] 2001-01-17
[43] 2001-07-18
[30] JP (2000-13984) 2000-01-18

[21] **2,331,425**
[13] A1
[51] **Int.Cl. 7E05B 1/00**
[25] EN
[54] **TRIM ATTACHMENT AND METHOD FOR KNOBS/LEVERS**
[54] **ACCESSOIRE ET METHODE DE COMPENSATION POUR POIGNEES/ LEVIERS DE PORTE**
[72] STONE, RON, US
[72] KEMP, VINCE M., US
[72] MORA, DOMITILLIA, US
[71] SCHLAGE LOCK COMPANY, US
[22] 2001-01-19
[43] 2001-07-19
[30] US (60/177,000) 2000-01-19
[30] US (09/766,018) 2001-01-19

[21] **2,331,271**
[13] A1
[51] **Int.Cl. 7A47L 5/12**
[25] EN
[54] **AIR EXHAUST STRUCTURE OF AN UPRIGHT-TYPE VACUUM CLEANER**
[54] **STRUCTURE D'EVACUATION D'AIR D'UN ASPIRATEUR MODELE VERTICAL**
[72] KIM, NAE-JUNG, KR
[71] SAMSUNG KWANGJU ELECTRONICS CO., LTD., KR
[22] 2001-01-17
[43] 2001-07-17
[30] KR (2000-2057) 2000-01-17
[30] CA (2,311,230) 2000-06-12
[30] KR (2000-86383) 2000-12-29

[21] **2,331,417**
[13] A1
[51] **Int.Cl. 7E05B 47/00**
[25] EN
[54] **SIDE BAR PLUNGER AND SOLENOID CYLINDER LOCKING MECHANISM**
[54] **MECANISME DE VERROUILLAGE AVEC NOYAU PLONGEUR, BARRE LATERALE ET CYLINDRE EN SOLENOIDE**
[72] KAJUCH, PETE, US
[72] DOERR, ALAN, US
[72] KOSKELA, CHERYL K., US
[71] SCHLAGE LOCK COMPANY, US
[22] 2001-01-19
[43] 2001-07-19
[30] US (60/176,997) 2000-01-19
[30] US (09/766,019) 2001-01-19

[21] **2,331,426**
[13] A1
[51] **Int.Cl. 7E05B 63/00**
[25] EN
[54] **INTERCONNECTED LOCK WITH REMOTE LOCKING MECHANISM**
[54] **VERROU INTERCONNECTE AVEC MECANISME DE VERROUILLAGE A DISTANCE**
[72] BATES, PETER, US
[72] BUSSIERE, JOHN, US
[72] DOERR, ALAN, US
[71] SCHLAGE LOCK COMPANY, US
[22] 2001-01-19
[43] 2001-07-19
[30] US (60/176,996) 2000-01-19
[30] US (09/765,862) 2001-01-19

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[21] **2,331,429**
[13] A1

[51] **Int.Cl. 7H04L 12/26 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD FOR REAL-TIME UPDATING SERVICE PROVIDER RATINGS**
[54] **PROCEDE ET SYSTEME POUR LA MISE A JOUR EN TEMPS REEL POUR LE SERVICE D'INDICE D'UN FOURNISSEUR**
[72] STEIN, JAMES, US
[71] VALUESTAR, INC., US
[22] 2001-01-18
[43] 2001-07-18
[30] US (09/487,963) 2000-01-18

[21] **2,331,432**
[13] A1

[51] **Int.Cl. 7C12Q 1/00 7G01N 33/533**
[25] EN
[54] **EX-VIVO TEST KIT FOR TESTING THE EFFECTIVENESS OF REVERSERS OF MULTIDRUG RESISTANCE**
[54] **NECESSAIRE D'ESSAI EX-VIVO POUR VERIFIER L'EFFICACITE DES INVERSEURS DE LA RESISTANCE MULTIPLE AUX MEDICAMENTS**
[72] STEIN, WILFRED DONALD, IL
[72] KOTT, MIRIAM VIVIANA, IL
[71] M.D.R. TESTS LTD., IL
[22] 2001-01-18
[43] 2001-07-19
[30] US (09/487,429) 2000-01-19

[21] **2,331,436**
[13] A1

[51] **Int.Cl. 7B01D 29/27**
[25] EN
[54] **SEALING MEANS FOR FILTER ENVELOPES**
[54] **DISPOSITIF D'ETANCHEITE POUR ENVELOPPES DE FILTRE**
[72] MUNSON, JAMES R., US
[71] THE DALLAS GROUP OF AMERICA, INC., US
[22] 2001-01-19
[43] 2001-07-21
[30] US (60/177,295) 2000-01-21

[21] **2,331,441**
[13] A1

[51] **Int.Cl. 7B64C 1/14 7B60J 1/00**
[25] EN
[54] **CRASH ENERGY ABSORBING GLAESHIELD AND METHOD OF PROTECTING AGAINST HEAD INJURY IN AIRCRAFT CRASHES**
[54] **DIFFUSEUR ANTI-EBLOUISSEMENT ABSORBANT LE CHOC LORS DE L'IMPACT ET PROCEDE POUR SE PROTEGER CONTRE LES BLESSURES A LA TETE DANS DES ECRASEMENTS D'AVIONS**
[72] HAZEN, TIMOTHY M., US
[72] BROOKER, KEVIN R., US
[72] SMITH, MICHAEL R., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2001-01-19
[43] 2001-07-21
[30] US (60/177,317) 2000-01-21

[21] **2,331,471**
[13] A1

[51] **Int.Cl. 7C07H 15/18 7A23L 1/30 7A23L 3/3463 7C12P 19/44 7A61K 31/7028**
[25] EN
[54] **COMPOUNDS WITH AN ANTIOXIDANT ACTIVITY, COMPOSITIONS USEFUL AS FOOD INTEGRATORS CONTAINING THEM AND PROCESS FOR THEIR PREPARATION**
[54] **COMPOSES AFFICHANT UNE ACTIVITE ANTIOXYDANTE, COMPOSITIONS UTILES COMME INTEGRATEURS D'ALIMENTS CONTENANT LESDITS COMPOSES ET PROCEDE DE PREPARATION**
[72] MINGHETTI, ANACLETO, IT
[72] CRESPI PERELLINO, NICOLETTA, IT
[72] RODA, ALDO, IT
[72] DANIELI, BRUNO, IT
[72] FRIGERIO, GIULIANO, IT
[72] MARCHIORETTO, DANILA INGRID, IT
[71] GIULIANI S.P.A., IT
[22] 2001-01-19
[43] 2001-07-20
[30] IT (MI2000A 000066) 2000-01-20

[21] **2,331,473**
[13] A1

[51] **Int.Cl. 7E21B 33/138**
[25] EN
[54] **FLUID INJECTION APPARATUS AND METHOD WITH CONTROLLED VOLUME DISPLACEMENT FOR USE IN SUBTERRANEAN WELLS**
[54] **APPAREIL ET METHODE D'INJECTION HYDRAULIQUE AVEC VOLUME DE CARENE CONTROLE A UTILISER DANS LES Puits SOUTERRAINS**
[72] CARISELLA, JAMES V., US
[72] COOK, ROBERT BRADLEY, US
[71] CARISELLA, JAMES V., US
[71] COOK, ROBERT BRADLEY, US
[22] 2001-01-19
[43] 2001-07-20
[30] US (09/489,190) 2000-01-20

[21] **2,331,476**
[13] A1

[51] **Int.Cl. 7H04L 9/32 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **ACCEPTING AND PROCESSING ELECTRONIC CHECKS AUTHORIZED VIA A PUBLIC NETWORK**
[54] **ACCEPTATION ET TRAITEMENT DE VERIFICATIONS ELECTRONIQUES AUTORISEES PAR L'ENTREMISE D'UN RESEAU PUBLIC**
[72] ARNOLD, THOMAS A., US
[71] CYBERSOURCE CORPORATION, US
[22] 2001-01-19
[43] 2001-07-19
[30] US (60/177,014) 2000-01-19

[21] **2,331,482**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **COMPLEXITY INDEX METHODOLOGY FOR THE ANALYSIS OF RUN LIFE PERFORMANCE**
[54] **METHODOLOGIE AXEE SUR L'INDEX DE COMPLEXITE POUR L'ANALYSE DE LA DUREE DE VIE UTILE**
[72] HOGAN, JAMES R., US
[72] RIVAS, OLEGARIO S., US
[71] CAMCO INTERNATIONAL INC., US
[22] 2001-01-19
[43] 2001-07-20
[30] US (09/488,474) 2000-01-20

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[13] A1
[51] **Int.Cl. 7B07B 1/46 7B01D 39/10 7B23K 11/11**
[25] EN
[54] **HIGH TENSILE STRENGTH STAINLESS STEEL SCREEN AND METHOD OF MAKING THEREOF**
[54] **ECRAN EN ACIER INOXYDABLE A FORTE RESISTANCE A LA TRACTION ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] BAILEY, EDWIN C., US
[71] BISON STEEL, INC., US
[22] 2001-01-19
[43] 2001-07-20
[30] US (60/177,122) 2000-01-20

[21] **2,331,512**
[13] A1
[51] **Int.Cl. 7E05B 59/00**
[25] EN
[54] **INTERCONNECTED LOCK WITH REMOTE LOCKING MECHANISM**
[54] **VERROU INTERCONNECTE AVEC MECANISME DE VERROUILLAGE A DISTANCE**
[72] BRADLEY, TRUMAN, US
[72] BATES, PETER, US
[72] DOERR, ALAN, US
[71] SCHLAGE LOCK COMPANY, US
[22] 2001-01-19
[43] 2001-07-19
[30] US (60/176,890) 2000-01-19
[30] US (09/765,854) 2001-01-19

[21] **2,331,519**
[13] A1
[51] **Int.Cl. 7B32B 7/10 7B32B 1/08 7B32B 27/08**
[25] EN
[54] **MULTILAYER PLASTIC PIPE WITH GOOD LAYER ADHESION**
[54] **TUYAU DE PLASTIQUE MULTICOUCHES AVEC UNE BONNE ADHESION DES COUCHES**
[72] HELLERMANN, WALTER, DE
[72] OENBRINK, GEORG, DE
[72] GROSSE-PUPPENDAHL, THOMAS, DE
[72] SCHMITZ, GUIDO, DE
[72] HAGER, HARALD, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[22] 2001-01-19
[43] 2001-07-21
[30] DE (10002461.0) 2000-01-21

[21] **2,331,522**
[13] A1
[51] **Int.Cl. 7F16B 31/00**
[25] EN
[54] **THREADED FASTENER AND ASSEMBLY**
[54] **DISPOSITIF ET FIXATION FILETE**
[72] BONDAROWICZ, FRANK A., US
[72] JONES, JAMES D., US
[72] O'NEILL, RYAN W., US
[72] STLASKE, WILLIAM G., US
[71] WILLIAMS, AMY L., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2001-01-19
[43] 2001-07-21
[30] US (09/489,558) 2000-01-21

[21] **2,331,530**
[13] A1
[51] **Int.Cl. 7B01D 21/02**
[25] EN
[54] **STORMWATER TREATMENT APPARATUS**
[54] **APPAREIL POUR EPURER L'EAU PLUVIALE**
[72] STEVER, R. RUSSELL, US
[72] EARLES, ANDREW, US
[72] URBONAS, BEN R., US
[72] JONES, JONATHAN E., US
[71] JENSEN ENTERPRISES, INC., US
[22] 2001-01-18
[43] 2001-07-19
[30] US (09/487,097) 2000-01-19

[21] **2,331,540**
[13] A1
[51] **Int.Cl. 7A01F 15/10**
[25] EN
[54] **BALE FEEDER**
[54] **DISTRIBUTEUR DE BALLE DE FOIN**
[72] DEBOER, SAMUEL, US
[72] STREDWICK, ROBERT P., US
[72] MCCAULEY, EDWARD K., US
[71] PRO AG DESIGNS, INC., US
[22] 2001-01-19
[43] 2001-07-20
[30] US (60/177,088) 2000-01-20
[30] US (09/764,518) 2001-01-18

[21] **2,331,541**
[13] A1
[51] **Int.Cl. 7A61L 9/12**
[25] EN
[54] **AIR FRESHENER DISPENSING SYSTEM UTILIZING BREAKABLE CARTRIDGES**
[54] **DISTRIBUTRICE DE PURIFICATEUR D'AIR UTILISANT DES CARTOUCHES CASSABLES**
[72] PHILLIPS, BRIAN, US
[72] KAUZLARICH, JOHN, US
[72] VOTH, A.J., US
[72] MCKINNELL, MARTIN, US
[71] STEINER COMPANY, INC., US
[22] 2001-01-18
[43] 2001-07-18
[30] US (09/483,991) 2000-01-18

[21] **2,331,547**
[13] A1
[51] **Int.Cl. 7C05F 9/02**
[25] EN
[54] **METHOD OF COMPOSTING AND CONTAINER THEREFOR**
[54] **PROCEDE DE COMPOSTAGE ET CONTENANT CORRESPONDANT**
[72] WEST, EDWARD VICTOR, GB
[71] WEST, EDWARD VICTOR, GB
[22] 2001-01-18
[43] 2001-07-21
[30] GB (0001267.4) 2000-01-21

[21] **2,331,561**
[13] A1
[51] **Int.Cl. 7E04C 3/02 7E04B 1/00**
[25] EN
[54] **STRUCTURAL MEMBER FOR BUILDING AND METHOD FOR FORMING A STRUCTURE FOR BUILDING**
[54] **ELEMENT DE CONSTRUCTION POUR UN EDIFICE ET PROCEDE POUR FORMER UN TEL ELEMENT**
[72] MATSUBARA, HIDEO, JP
[71] MATSUBARA, HIDEO, JP
[22] 2001-01-19
[43] 2001-07-20
[30] JP (2000-11859) 2000-01-20

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[21] **2,331,577**
[13] A1

[51] **Int.Cl. 7G02B 6/12 7H01S 5/026**
[25] EN
[54] **OPTICAL COMMUNICATION DEVICE**
[54] **DISPOSITIF DE COMMUNICATION OPTIQUE**
[72] OKADA, TAKESHI, JP
[72] NAKANISHI, HIROMI, JP
[72] KUHARA, YOSHIKI, JP
[72] YAMABAYASHI, NAOYUKI, JP
[71] NHK SPRING CO., LTD., JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2001-01-18
[43] 2001-07-21
[30] JP (2000-12857) 2000-01-21

[21] **2,331,591**
[13] A1

[51] **Int.Cl. 7H04L 12/12 7H04L 12/20**
[25] EN
[54] **DATA CALLS USING BOTH CONSTANT BIT RATE AND VARIABLE BIT RATE CONNECTIONS**
[54] **COMMUNICATIONS EN TRANSMISSION DE DONNEES UTILISANT A LA FOIS DES CONNEXIONS A DEBIT BINAIRE CONSTANT ET VARIABLE**
[72] BOLDT, DEAN, US
[72] TORREY, JASON, US
[71] SPRINT COMMUNICATIONS COMPANY, L.P., US
[22] 2001-01-18
[43] 2001-07-19
[30] US (09/487,147) 2000-01-19

[21] **2,331,592**
[13] A1

[51] **Int.Cl. 7B60Q 1/076 7H05B 37/00**
[25] EN
[54] **HEADLIGHT ADAPTER SYSTEM**
[54] **ADAPTATEUR POUR PHARES**
[72] MENZE, PETER C., US
[71] M.P. MENZE RESEARCH & DEVELOPMENT INC., US
[22] 2001-01-18
[43] 2001-07-18
[30] US (09/484,043) 2000-01-18

[21] **2,331,598**
[13] A1

[51] **Int.Cl. 7A43B 7/00 7A43B 13/38**
[25] EN
[54] **MOISTURE AND TEMPERATURE REGULATION INSOLE FOR THE FEET OF THE USER APPLIED IN SHOEMAKING**
[54] **SEMELLE REGULARISANT LA TEMPERATURE ET L'HUMIDITE POUR LES PIEDS DE L'USAGER ET APPLIQUER DANS LA FABRICATION DE CHAUSSURES**
[72] SWETT OPAZO, ALFONSO ANDRES, CL
[71] ASESORIAS E INVERSIONES SANTA FRANCISCA LIMITADA, CL
[22] 2001-01-19
[43] 2001-07-20
[30] CL (0120-2000) 2000-01-20

[21] **2,331,662**
[13] A1

[51] **Int.Cl. 7A61F 13/505**
[25] EN
[54] **WATER-DECOMPOSABLE ABSORBENT ARTICLE AND METHOD FOR PRODUCING IT**
[54] **ARTICLE ABSORBANT SE DECOMPOSANT DANS L'EAU ET PROCEDE POUR LE FABRIQUER**
[72] IMAI, SHIGEO, JP
[72] SUZUKI, SACHIYO, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2001-01-19
[43] 2001-07-21
[30] JP (2000-12699) 2000-01-21

[21] **2,331,839**
[13] A1

[51] **Int.Cl. 7B05C 17/02 7B05C 21/00**
[25] EN
[54] **PAINT APPLICATOR AND METHOD OF MANUFACTURE THEREOF**
[54] **APPLICATEUR DE PEINTURE ET PROCEDE DE FABRICATION**
[72] POLZIN, BRUCE C., US
[71] NEWELL OPERATING COMPANY, US
[22] 2001-01-22
[43] 2001-07-21
[30] US (60/177,328) 2000-01-21

[21] **2,331,928**
[13] A1

[51] **Int.Cl. 7F21V 21/10**
[25] EN
[54] **BATTERY OPERATED PICTURE LIGHT**
[54] **LUMIERE POUR PHOTOGRAPHIE FONCTIONNANT SUR PILES**
[72] BASACCHI, VINCENT, CA
[71] BASACCHI, VINCENT, CA
[22] 2001-01-22
[43] 2001-07-21
[30] US (09/488,839) 2000-01-21

[21] **2,331,943**
[13] A1

[51] **Int.Cl. 7B67D 1/04**
[25] EN
[54] **BEVERAGE COOLER**
[54] **REFROIDISSEUR DE BREUVAGE**
[72] CHIUSOLO, SAM, CA
[71] CHIUSOLO, SAM, CA
[22] 2001-01-19
[43] 2001-07-20
[30] CA (2,296,579) 2000-01-20

[21] **2,331,949**
[13] A1

[51] **Int.Cl. 7B65G 21/16**
[25] EN
[54] **A SUPPORT RAILING FOR A CURVED CONVEYOR PATH**
[54] **MONTANT DE SOUTIEN POUR UN TRANSPORTEUR A PARCOURS COURBE**
[72] CSIKI, KALMAN, SE
[72] JEPSSON, ROGER, SE
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[22] 2001-01-19
[43] 2001-07-21
[30] SE (0000183-4) 2000-01-21

[21] **2,331,951**
[13] A1

[51] **Int.Cl. 7H01Q 19/10 7H01Q 15/16**
[25] EN
[54] **SHAPED REFLECTOR ANTENNA ASSEMBLY**
[54] **ENSEMBLE D'ANTENNE A REFLECTEUR CONFORME**
[72] COMISKY, WILLIAM J., US
[72] BLASING, RAYMOND R., US
[71] ENDWAVE CORPORATION, US
[22] 2001-01-19
[43] 2001-07-20
[30] US (60/177,254) 2000-01-20

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[21] **2,331,956**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **AUTOMATED TASK
MANAGEMENT AND EVALUATION**
[54] **GESTIONNAIRE DE TACHES
AUTOMATISE ET D'EVALUATION**
[72] LOVELAND, JAMES B., US
[71] XACTWARE, INC., US
[22] 2001-01-22
[43] 2001-07-21
[30] US (60/177,425) 2000-01-21
[30] US (09/544,191) 2000-04-06

[21] **2,331,975**
[13] A1
[51] **Int.Cl. 7H04L 12/66 7H04L 29/06
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[25] EN
[54] **METHOD AND APPARATUS FOR
OVERLOAD CONTROL IN MULTI-
BRANCH PACKET NETWORKS**
[54] **PROCEDE ET DISPOSITIF POUR
CONTROLLER LES SURCHARGES
DANS DES PAQUETS DE RESEAUX A
BRANCHEMENT MULTIPLE**
[72] SAMADI, BEHROKH, US
[72] MATRAGI, WASSIM A., US
[72] BAUER, ERIC JONATHAN, US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2001-01-19
[43] 2001-07-20
[30] US (09/488,182) 2000-01-20

[21] **2,331,991**
[13] A1
[51] **Int.Cl. 7H04L 9/32 7G06F 17/60**
[25] EN
[54] **ANONYMOUS PARTICIPATION
AUTHORITY MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION A
AUTHORITE DE PARTICIPATION
ANONYME**
[72] SAKO, KAZUE, JP
[71] NEC CORPORATION, JP
[22] 2001-01-22
[43] 2001-07-21
[30] JP (012490/2000) 2000-01-21

[21] **2,331,995**
[13] A1
[51] **Int.Cl. 7H04L 27/01**
[25] EN
[54] **EQUALISER FOR DIGITAL
COMMUNICATIONS SYSTEMS AND
METHOD OF EQUALISATION**
[54] **EGALISATEUR POUR SYSTEMES
DE COMMUNICATIONS
NUMERIQUES ET PROCEDE
D'EGALISATION**
[72] HUDSON, JOHN E., GB
[71] NORTEL NETWORKS LIMITED, CA
[22] 2001-01-22
[43] 2001-07-20
[30] US (09/488,721) 2000-01-20

[21] **2,332,169**
[13] A1
[51] **Int.Cl. 7A61K 38/34 7A61P 3/04
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[25] EN
[54] **TREATMENTS FOR OBESITY AND
METHODS FOR IDENTIFYING
COMPOUNDS USEFUL FOR
TREATING OBESITY**
[54] **TRAITEMENTS CONTRE
L'OBESITE ET METHODES POUR
IDENTIFIER LES COMPOSES UTILES
POUR TRAITER L'OBESITE**
[72] HADCOCK, JOHN RICHARD
NEVILLE, US
[72] SWICK, ANDREW GORDON, US
[71] PFIZER PRODUCTS INC., US
[22] 2001-01-16
[43] 2001-07-18
[30] US (60/176,508) 2000-01-18
[30] US (60/206,126) 2000-05-22

[21] **2,332,457**
[13] A1
[51] **Int.Cl. 7A47F 7/00**
[25] FR
[54] **STRUCTURE DE RANGEMENT A
Panneaux articules**
[54] **STORAGE STRUCTURE WITH
HINGED PANELS**
[72] ACCATINO, HENRI, FR
[71] FERALP, SOCIETE ANONYME, FR
[22] 2001-01-17
[43] 2001-07-19
[30] FR (00 00870) 2000-01-19

[21] **2,332,461**
[13] A1
[51] **Int.Cl. 7C07D 417/04 7A61P 7/02
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09 7A61P 9/10 7C07D 295/155 7C07D 211/
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31/4535 7A61K 31/454 7A61K 31/495
7A61K 31/496**
[25] FR
[54] **NOUVEAUX DERIVES DE
BENZENESULFONAMIDE, LEUR
PROCEDE DE PREPARATION ET LES
COMPOSITIONS
PHARMACEUTIQUES QUI LES
CONTIENNENT**
[54] **NEW BENZENESULFONAMIDE
DERIVATIVES, THEIR METHOD OF
PREPARATION AND THE
PHARMACEUTICAL COMPOSITIONS
CONTAINING THEM**
[72] SIMONET, SERGE, FR
[72] DESCOMBES, JEAN-JACQUES, FR
[72] VERBEUREN, TONY, FR
[72] CIMETIERE, BERNARD, FR
[72] LAVIELLE, GILBERT, FR
[71] ADIR ET COMPAGNIE, FR
[22] 2001-01-18
[43] 2001-07-19
[30] FR (00.00623) 2000-01-19

[21] **2,332,466**
[13] A1
[51] **Int.Cl. 7A61K 7/08 7A61P 17/00
7A61K 7/02 7A61K 7/043 7A61K 9/107
7A61K 7/50**
[25] FR
[54] **NANOEMULSION A BASE DE
LIPIDES AMPHIPHILES ET DE
POLYMERES CATIONIQUES ET
UTILISATIONS**
[54] **AMPHIPHILIC LIPIDS AND
CATIONIC POLYMERS BASED
NANOEMULSIONS AND ITS USE**
[72] DOUIN, VERONIQUE, FR
[72] DECOSTER, SANDRINE, FR
[72] CAZIN, BENEDICTE, FR
[71] L'OREAL, FR
[22] 2001-01-18
[43] 2001-07-21
[30] FR (00 00 792) 2000-01-21

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[21] **2,332,468**
[13] A1

[51] **Int.Cl. 7A61K 7/08 7A61P 17/00**
7A61K 7/02 7A61K 7/043 7A61K 9/107
7A61K 7/50
[25] FR
[54] **NANOEMULSION CONTENANT**
DES LIPIDES AMPHIPHILES ET UN
ESTER DE PEG ET UTILISATIONS
[54] **NANOEMULSIONS CONTAINING**
AMPHIPHILIC LIPIDS AND AN PEG
ESTER AND ITS USE
[72] AUBRUN, ODILE, FR
[72] SIMONNET, JEAN-THIERRY, FR
[72] DOUIN, VERONIQUE, FR
[72] VERITE, CLAUDE, FR
[72] CAZIN, BENEDICTE, FR
[71] L'OREAL, FR
[22] 2001-01-18
[43] 2001-07-21
[30] FR (00 00 794) 2000-01-21

[21] **2,332,469**
[13] A1

[51] **Int.Cl. 7A61K 7/08 7A61P 17/00**
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[25] FR
[54] **NANOEMULSION CONTENANT**
DES LIPIDES AMPHIPHILES ET UN
POLYMERE NON IONIQUE ET
UTILISATIONS
[54] **NANOEMULSIONS CONTAINING**
AMPHIPHILIC LIPIDS AND A NON-
IONIC POLYMER AND ITS USE
[72] CAZIN, BENEDICTE, FR
[72] SIMONNET, JEAN-THIERRY, FR
[72] DOUIN, VERONIQUE, FR
[72] AUBRUN, ODILE, FR
[71] L'OREAL, FR
[22] 2001-01-19
[43] 2001-07-21
[30] FR (00 00 793) 2000-01-21

[21] **2,332,474**
[13] A1

[51] **Int.Cl. 7A61K 7/075 7A61K 7/50**
[25] FR
[54] **COMPOSITION DE LAVAGE DES**
MATIERES KERATINIQUES A BASE
D'ESTER DE SORBITAN FAIBLEMENT
ETOXYLE
[54] **LOW ETOXYL SORBITAN ESTER**
BASED KERATINOUS MATERIALS
WASHING COMPOSITIONS
[72] DECOSTER, SANDRINE, FR
[72] BEAUQUEY, BERNARD, FR
[72] MAUBRU, MIREILLE, FR
[71] L'OREAL, FR
[22] 2001-01-22
[43] 2001-07-21
[30] FR (FR 0000790) 2000-01-21

[21] **2,339,590**
[13] A1

[51] **Int.Cl. 7C10G 33/06**
[25] EN
[54] **HEATED INCLINED SEPARATION**
PRESSURE VESSEL
[54] **APPAREIL SOUS PRESSION DE**
SEPARATION, CHAUFFE ET INCLINE
[72] NUK, GREG, CA
[72] SMITHSON, ARLIN, CA
[72] DUCHESNE, LAWRENCE, CA
[72] BINSFELD, BRUCE, CA
[72] HETHERINGTON, CORY, CA
[71] CORLAC INDUSTRIES (1998) LTD.,
CA
[22] 2001-03-07
[43] 2001-07-16

**Canadian Laid-Open Applications
July 15, 2001 - July 21, 2001**

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<p>[21] 2,342,824 [13] A1</p> <p>[51] Int.Cl. 7C10L 1/18 [25] EN [54] LOW POLLUTION LIQUID FUEL AND MANUFACTURING METHOD OF THE SAME [54] COMBUSTIBLE LIQUIDE A FAIBLE POLLUTION ET METHODE DE FABRICATION DE CE COMBUSTIBLE [72] AZUMA, AKIHIRO, JP [71] SHIMURA, YOSHIHARU, JP [71] AZUMA, AKIHIRO, JP [71] GAIA ENERGY INTERNATIONAL INC., CA [85] 2001-03-02 [86] 1999-12-21 (PCT/JP99/07196) [87] 2001-06-21 ()</p>	<p>[21] 2,343,089 [13] A1</p> <p>[51] Int.Cl. 7A63B 53/04 [25] EN [54] METAL WOOD CLUB HEAD [54] TETE DE BATON EN METAL-BOIS [72] IWATA, MOTOTAKA, JP [72] SAKAI, KOJI, JP [72] SUGIMOTO, KIYOSHI, JP [72] MASUDA, NAOYUKI, JP [71] MIZUNO CORPORATION, JP [71] K.K. ENDO SEISAKUSHO, JP [85] 2001-03-06 [86] 2000-05-22 (PCT/JP00/03274) [87] 2001-04-28 () [30] JP (11-306868) 1999-10-28</p>	<p>[21] 2,345,090 [13] A1</p> <p>[51] Int.Cl. 7G06F 9/44 7G09B 5/02 7G06F 3/14 7H04N 7/16 [25] EN [54] ENHANCED VIDEO PROGRAMMING SYSTEM AND METHOD UTILIZING SHARED WHITEBOARD [54] SYSTEME PERFECTIONNE DE PROGRAMMATION VIDEO ET METHODE D'UTILISATION D'UN TABLEAU BLANC PARTAGE [72] HARRINGTON, JEFFREY M., US [72] ABATO, MICHAEL R., US [71] ACTV, INC., US [85] 2001-03-21 [86] 2000-10-04 (PCT/US00/27330) [87] 2001-04-04 () [30] US (09/411,939) 1999-10-04</p>
<p>[21] 2,342,929 [13] A1</p> <p>[51] Int.Cl. 7A23J 3/16 7A23G 9/02 7A21D 13/06 7A23L 1/16 7A23L 1/24 7A23L 1/314 7A23J 3/34 7A23L 1/39 [25] EN [54] METHOD FOR PROCESSING SOYBEAN BY USING ENZYME, PROCESSED SOYBEAN THUS OBTAINED AND FOODS CONTAINING THE THUS PROCESSED SOYBEAN [54] METHODE POUR TRANSFORMER LE SOJA EN UTILISANT DES ENZYMES, SOJA TRANSFORME AINSI OBTENU ET ALIMENTS CONTENANT LE SOJA AINSI TRANSFORME [72] AKAZAWA, TORU, JP [71] AKAZAWA, TORU, JP [85] 2001-03-05 [86] 1999-08-06 (PCT/JP99/04258) [87] 2001-02-06 ()</p>	<p>[21] 2,343,289 [13] A1</p> <p>[51] Int.Cl. 7A61K 38/00 7C12N 5/00 7A61K 38/04 7C12N 5/06 7A61K 38/08 7C12Q 1/68 [25] EN [54] REGULATION OF HER2/NEU ONCOGENE EXPRESSION BY SYNTHETIC POLYAMIDES [54] REGULATION DE L'EXPRESSION D'ONCOGENE HER2/NEU A L'AIDE DE POLYAMIDES SYNTHETIQUES [72] DERVAN, PETER B., US [71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US [85] 2001-03-09 [86] 1999-09-10 (PCT/US99/20971) [87] 2000-03-23 (WO00/15242) [30] US (60/099,906) 1998-09-11</p>	<p>[21] 2,345,895 [13] A1</p> <p>[51] Int.Cl. 7A01N 1/02 7A61K 38/00 7A01N 65/00 7A01N 43/04 7A61K 35/12 [25] EN [54] IMPROVED ARTIFICIAL BLOOD FLUIDS [54] FLUIDES SANGUINS ARTIFICIELS AMELIORES [72] KAMENEVA, MARINA V., US [72] GRIFFITH, BARTLEY P., US [72] BOROVIETZ, HARVEY S., US [72] CHAPMAN, TOBY M., US [71] UNIVERSITY OF PITTSBURGH, US [85] 2001-04-12 [86] 1999-09-09 (PCT/US99/20704) [87] 2000-03-16 (WO00/13501) [30] US (09/150,138) 1998-09-09 [30] US (09/339,647) 1999-06-24</p>

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[21] **2,345,896**
[13] A1

[51] **Int.Cl. 6A61K 31/495**
[25] EN
[54] **A METHOD OF MODULATING ION CHANNEL FUNCTIONAL ACTIVITY**
[54] **PROCEDE DE MODULATION DE L'ACTIVITE FONCTIONNELLE DU CANAL IONIQUE**
[72] EWART, GARY, AU
[72] COX, GRAEME, AU
[72] GAGE, PETER, AU
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
[85] 2001-04-11
[86] 1999-10-12 (PCT/AU99/00872)
[87] 2000-04-20 (WO00/21538)
[30] AU (PP 6464) 1998-10-12

[21] **2,346,122**
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C07K 14/245 7C12N 15/31 7C12N 15/62 7C12N 15/63 7C12N 15/67 7C12N 15/72**
[25] EN
[54] **STABILIZED BIOACTIVE PEPTIDES AND METHODS OF IDENTIFICATION, SYNTHESIS AND USE**
[54] **PEPTIDES BIOACTIFS STABILISES, PROCEDES D'IDENTIFICATION, SYNTHESE ET UTILISATION**
[72] ALTMAN, ELLIOT, US
[71] THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
[85] 2001-04-10
[86] 1999-10-12 (PCT/US99/23731)
[87] 2000-04-20 (WO00/22112)
[30] US (60/104,013) 1998-10-13
[30] US (60/112,150) 1998-12-14

[21] **2,346,123**
[13] A1

[51] **Int.Cl. 7C12N 15/41 7C12N 7/01 7C12N 7/04 7A61K 35/76**
[25] EN
[54] **RECOMBINANT POLIOVIRUS FOR THE TREATMENT OF CANCER**
[54] **POLIOVIRUS RECOMBINE DE TRAITEMENT DU CANCER**
[72] GROMEIER, MATTHIAS, US
[72] WIMMER, ECKARD, US
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US
[85] 2001-04-11
[86] 1999-04-09 (PCT/US99/07839)
[87] 2000-02-17 (WO00/08166)
[30] US (09/129,686) 1998-08-05

[21] **2,346,257**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 14/48**
[25] EN
[54] **METHOD FOR OBTAINING ACTIVE .BETA.-NGF**
[54] **PROCEDE D'OBTENTION DE NGF-.BETA. ACTIF**
[72] GROSSMANN, ADELBERT, DE
[72] RATTENHOLL, ANKE, DE
[72] SCHWARZ, ELISABETH, DE
[72] RUDOLPH, RAINER, DE
[71] SCIL PROTEINS GMBH, DE
[85] 2001-04-09
[86] 1999-10-11 (PCT/EP99/07613)
[87] 2000-04-20 (WO00/22119)
[30] EP (98119077.0) 1998-10-09

[21] **2,346,259**
[13] A1

[51] **Int.Cl. 7C12N 15/57 7A01H 5/00 7C12N 5/10 7C12N 15/11 7C12N 15/13 7C12N 15/82**
[25] EN
[54] **MEANS AND METHODS FOR MODULATING STOMATA CHARACTERISTICA IN PLANTS**
[54] **SYSTEMES ET PROCEDES POUR MODULER LES CARACTERISTIQUES STOMATIQUES DE VEGETAUX**
[72] ALTMANN, THOMAS, DE
[72] BERGER, DIETER, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[71] PLANTTEC BIOTECHNOLOGIE GmbH, DE
[85] 2001-04-11
[86] 1999-10-12 (PCT/EP99/07633)
[87] 2000-04-20 (WO00/22144)
[30] EP (98119244.6) 1998-10-12

[21] **2,346,496**
[13] A1

[51] **Int.Cl. 7A01N 43/04 7C07K 14/00 7C12N 15/00 7C07H 21/04 7C12N 5/10 7C12P 19/34 7G01N 33/53**
[25] EN
[54] **NOVEL TH2-SPECIFIC MOLECULES AND USES THEREOF**
[54] **NOUVELLES MOLECULES SPECIFIQUES DE TH2 ET LEURS UTILISATIONS**
[72] LEHAR, SOPHIE, US
[72] COYLE, ANTHONY J., US
[72] MANNING, STEPHEN, US
[72] GUTIERREZ-RAMOS, JOSE-CARLOS, US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2001-04-06
[86] 1999-10-06 (PCT/US99/23156)
[87] 2000-04-13 (WO00/19988)
[30] US (09/168,229) 1998-10-07
[30] US (09/258,670) 1999-02-26
[30] US (09/413,136) 1999-10-06

[21] **2,346,501**
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C07K 14/00**
[25] EN
[54] **METHOD FOR AMPLIFYING FOREIGN GENE**
[54] **METHODE D'AMPLIFICATION D'UN GENE ETRANGER**
[72] HORIUCHI, TAKASHI, JP
[72] KOBAYASHI, TAKEHIKO, JP
[71] HORIUCHI, TAKASHI, JP
[71] KYOWA HAKKO KOGYO CO., LTD., JP
[85] 2001-04-11
[86] 1999-10-14 (PCT/JP99/05673)
[87] 2000-04-20 (WO00/22107)
[30] JP (10/292697) 1998-10-15

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[21] **2,346,765**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A61K 38/00 7C07K 1/00 7C07K 14/00 7C07K 17/00 7C07H 21/02 7C07H 21/04 7A01N 43/04 7A01N 37/18 7A61K 31/70**

[25] EN
[54] **COMPOSITIONS AND METHODS OF DISEASE DIAGNOSIS AND THERAPY**
[54] **COMPOSITIONS ET METHODES PERMETTANT DE DIAGNOSTIQUER ET DE TRAITER DES MALADIES**

[72] STANTON, LAWRENCE W., US
[72] SCOTT, JAMES, GB
[72] AITMAN, TIMOTHY J., GB
[71] MEDICAL RESEARCH COUNCIL, GB
[71] SCIOS INC., US
[85] 2001-04-09
[86] 1999-10-07 (PCT/US99/23418)
[87] 2000-04-13 (WO00/19883)
[30] US (09/167,750) 1998-10-07
[30] US (09/221,222) 1998-12-28
[30] US (09/270,542) 1999-03-17

[21] **2,346,797**
[13] A1

[51] **Int.Cl. 7C12N 1/06 7C07K 16/28 7C07K 14/65 7C12N 15/70**

[25] EN
[54] **PROCESS FOR RECOVERING HETEROLOGOUS POLYPEPTIDES FROM BACTERIAL CELLS**
[54] **PROCEDE DE RECUPERATION DE POLYPEPTIDES HETEROLOGUES A PARTIR DE CELLULES BACTERIENNES**

[72] LEUNG, WOON-LAM SUSAN, US
[72] SWARTZ, JAMES R., US
[71] GENENTECH, INC., US
[85] 2001-04-19
[86] 1999-10-21 (PCT/US99/24696)
[87] 2000-05-04 (WO00/24873)
[30] US (60/106,052) 1998-10-28

[21] **2,346,798**
[13] A1

[51] **Int.Cl. 7A61K 38/16 7C07K 19/00 7C12P 21/08 7A61K 38/18 7C07K 16/18 7A61K 39/395 7C07K 14/475**

[25] EN
[54] **NOVEL NEUROPILIN/GROWTH FACTOR BINDING AND USES THEREOF**
[54] **NOUVELLE LIAISON NEUROPILINE/FACTEUR DE CROISSANCE ET APPLICATIONS DE CELLE-CI**

[72] ERIKSSON, ULF, SE
[72] OLOFSSON, BRIGITTA, SE
[72] ALITALO, KARI, FI
[72] MAKINEN, TAIJA, FI
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US
[71] LICENTIA LTD., FI
[85] 2001-04-19
[86] 1999-10-19 (PCT/US99/24430)
[87] 2000-04-27 (WO00/23565)
[30] US (60/104,723) 1998-10-19
[30] US (60/112,991) 1998-12-18

[21] **2,346,799**
[13] A1

[51] **Int.Cl. 6C12N 15/63 6C12N 15/70 6C12N 15/79 6C12N 15/85**

[25] EN
[54] **DELIVERY SYSTEM FOR PORCINE SOMATOTROPIN**
[54] **SYSTEME D'ADMINISTRATION DE SOMATOTROPINE PORCINE**

[72] JONES, MARK RICHARD, AU
[72] MOORE, GEOFFREY PHILIP M., AU
[72] KEEGAN, MITCHELL, AU
[71] PIG RESEARCH AND DEVELOPMENT CORPORATION, AU
[71] UNIVERSITY OF WESTERN SYDNEY (NEPEAN), AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2001-04-11
[86] 1999-10-18 (PCT/AU99/00896)
[87] 2000-04-27 (WO00/23601)
[30] AU (PP 6556) 1998-10-16

[21] **2,346,800**
[13] A1

[51] **Int.Cl. 7C12N 15/00 7A61K 48/00 7C12N 7/00**

[25] EN
[54] **CELLS EXPRESSING RECOMBINASE**
[54] **CELLULES EXPRIMANT UNE RECOMBINASE**

[72] SAITO, IZUMU, JP
[72] KANEGAE, YUMI, JP
[71] SUMITOMO PHARMACEUTICALS COMPANY, LIMITED, JP
[85] 2001-04-11
[86] 1999-10-07 (PCT/JP99/05548)
[87] 2000-04-20 (WO00/22106)
[30] JP (10/289785) 1998-10-12

[21] **2,346,937**
[13] A1

[51] **Int.Cl. 7A61K 38/00 7G01N 33/00 7C12N 9/12 7C12Q 1/48**

[25] EN
[54] **SPECIFIC THERAPEUTIC INTERVENTIONS OBTAINED BY INTERFERENCE WITH REDISTRIBUTION AND/OR TARGETING**
[54] **INTERVENTIONS THERAPEUTIQUES SPECIFIQUES OBTENUES PAR INTERFERENCE AVEC REDISTRIBUTION ET OU CIBLAGE**

[72] THASTRUP, OLE, DK
[72] BJORN, SARA PETERSEN, DK
[72] ARKHAMMAR, PER O. G., SE
[72] TERRY, BERNARD ROBERT, DK
[72] SCUDDER, KURT MARSHALL, DK
[71] BIOLMAGE A/S, DK
[85] 2001-04-17
[86] 1999-10-15 (PCT/DK99/00567)
[87] 2000-04-27 (WO00/23091)
[30] DK (PA 1998 01321) 1998-10-15
[30] DK (PA 1998 01322) 1998-10-15
[30] DK (PA 1998 01323) 1998-10-15

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[21] **2,346,942**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 14/47**
[25] EN
[54] **CAMEL, AN ALTERNATIVE TRANSLATION PRODUCT OF THE TUMOUR ANTIGEN LAGE-1**
[54] **CAMEL, AUTRE PRODUIT DE TRADUCTION DE L'ANTIGENE TUMORAL LAGE-1**
[72] HEIDER, KARL-HEINZ, AT
[72] AARNOUDSE, CORLIEN A., NL
[72] KLADE, CHRISTOPH, AT
[72] SCHRIER, PETER I., NL
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[71] UNIVERSITY HOSPITAL LEIDEN, NL
[85] 2001-04-11
[86] 1999-10-15 (PCT/EP99/07832)
[87] 2000-04-27 (WO00/23584)
[30] EP (98119583.7) 1998-10-16

[21] **2,346,952**
[13] A1

[51] **Int.Cl. 7B29C 44/18**
[25] EN
[54] **METHOD FOR FILLING AND REINFORCING HONEYCOMB SANDWICH PANELS**
[54] **PROCEDE DE REMPLISSAGE ET DE RENFORCEMENT DE PANNEAUX EN SANDWICH EN NIDS D'ABEILLES**
[72] BUGG, DEAN ANTHONY, GB
[72] HAYES, BARRIE JAMES, GB
[71] VANTICO AG, CH
[85] 2001-04-11
[86] 1999-09-16 (PCT/EP99/06858)
[87] 2000-05-04 (WO00/24559)
[30] GB (9823139.2) 1998-10-23
[30] GB (9910481.2) 1999-05-07

[21] **2,346,960**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A61K 39/00 7A61P 43/00 7A61K 31/70**
[25] EN
[54] **METHOD FOR DETERMINING THE SUSCEPTIBILITY TO DEVELOPING SEPSIS AND THERAPEUTICS FOR THE TREATMENT OF SEPSIS**
[54] **PROCEDE POUR DETERMINER LA PREDISPOSITION A DEVELOPPER UNE SEPTICEMIE ET MEDICAMENTS POUR LE TRAITEMENT DE LA SEPTICEMIE**
[72] DI GIOVINE, FRANCESCO S., GB
[72] DUFF, GORDON W., GB
[71] INTERLEUKIN GENETICS, INC., US
[85] 2001-04-09
[86] 1999-11-01 (PCT/US99/25633)
[87] 2000-06-29 (WO00/37679)
[30] US (09/183,850) 1998-10-30

[21] **2,346,962**
[13] A1

[51] **Int.Cl. 7C12N 15/62 7A01K 67/027 7C12N 9/16 7C12N 15/52 7G01N 33/566 7C12N 15/86**
[25] EN
[54] **FK506-BASED REGULATION OF BIOLOGICAL EVENTS**
[54] **REGULATION FONDEE SUR FK506 D'EVENEMENTS BIOLOGIQUES**
[72] GLADSTONE, BRIAN G., US
[72] SETH, ABHINAV, US
[72] SCHREIBER, STUART L., US
[72] CLEMONS, PAUL A., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2001-04-10
[86] 1999-11-05 (PCT/US99/25766)
[87] 2000-05-18 (WO00/28011)
[30] US (60/107,473) 1998-11-06

[21] **2,346,965**
[13] A1

[51] **Int.Cl. 7C12N 15/10 7G01N 33/50 7G01N 33/68 7C12Q 1/68**
[25] EN
[54] **METHODS FOR VALIDATING POLYPEPTIDE TARGETS THAT CORRELATE TO CELLULAR PHENOTYPES**
[54] **METHODES DE VALIDATION DE POLYPEPTIDES CIBLES SE RAPPORTANT A DES PHENOTYPES CELLULAIRES**
[72] CARL, ALEXANDER KAMB, US
[71] ARCARIS, INC., US
[85] 2001-04-11
[86] 1999-11-17 (PCT/US99/27409)
[87] 2000-05-25 (WO00/29565)
[30] US (09/193,759) 1998-11-17

[21] **2,347,075**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01K 67/027 7C12N 5/10 7A61K 38/17 7C07K 16/28 7G01N 33/566 7C07K 14/705**
[25] EN
[54] **CDNA SEQUENCE AND GENOMIC ORGANIZATION FOR A 59.4 KDA NEURONAL-SPECIFIC 7 TRANSMEMBRANE PROTEIN (PNEU60)**
[54] **SEQUENCE D'ADNC ET ORGANISATION GENOMIQUE POUR PROTEINE 7-TRANSMEMBRANAIRE A SPECIFICITE NEURONALE, DE 59,4 KDA (PNEU60)**
[72] SAUER, CHRISTIAN, DE
[72] WEBER, BERNHARD, H. F., DE
[71] MULTIGENE BIOTECH GMBH, DE
[85] 2001-04-17
[86] 1999-10-20 (PCT/EP99/07969)
[87] 2000-05-04 (WO00/24888)
[30] EP (98120231.0) 1998-10-26

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[21] **2,347,080**
[13] A1

[51] **Int.Cl. 7C12N 5/10 7C12N 15/12 7C12N 15/19 7C12N 15/28 7C07K 14/47 7C07K 14/52 7C07K 14/525 7C12N 15/63 7C12N 15/64**
[25] EN
[54] **TNFR RELATED GENE 12**
[54] **GENE 12 LIE AU RECEPTEUR DE TNF (TNFR)**
[72] NI, JIAN, US
[72] RUBEN, STEVEN M., US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2001-04-19
[86] 1999-10-19 (PCT/US99/24413)
[87] 2000-04-27 (WO00/23572)
[30] US (60/104,950) 1998-10-20

[21] **2,347,120**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01K 67/027 7C12N 9/12 7A61K 38/17 7C07K 16/18 7A61K 39/395 7C07K 16/40 7A61K 38/45 7C07K 14/47 7C12N 15/54 7C12N 15/62**
[25] EN
[54] **NLK1 -INTERACTING PROTEINS**
[54] **PROTEINES D'INTERACTION AVEC NLK1**
[72] YANG, MEIJA, US
[72] SCHULZ, VINCENT P., US
[72] NANDABALAN, KRISHNAN, US
[71] CURAGEN CORPORATION, US
[85] 2001-04-03
[86] 1999-10-06 (PCT/US99/23314)
[87] 2000-04-13 (WO00/20448)
[30] US (09/167,206) 1998-10-06

[21] **2,347,121**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/18 7C07K 14/47 7G01N 33/68 7C12Q 1/68 7C07K 14/78**
[25] FR
[54] **POLYPEPTIDES (MBP1) CAPABLES D'INTERAGIR AVEC LES MUTANTS ONCOGENIQUES DE LA PROTEINE P53**
[54] **(MBP1) POLYPEPTIDES CAPABLE OF INTERACTING WITH ONCOGENIC MUTANTS OF THE P53 PROTEIN**
[72] GALLAGHER, WILLIAM, FR
[72] CONSEILLER, EMMANUEL, FR
[72] DEBUSSCHE, LAURENT, FR
[71] AVENTIS PHARMA S.A., FR
[85] 2001-04-09
[86] 1999-10-12 (PCT/FR99/02465)
[87] 2000-04-20 (WO00/22120)
[30] FR (98/12754) 1998-10-12
[30] US (60/132,331) 1999-05-03

[21] **2,347,122**
[13] A1

[51] **Int.Cl. 7C03C 8/16**
[25] FR
[54] **COMPOSITION D'APPLICATION D'EMAIL ET PROCEDE DE FABRICATION DE PIECES FORMEES EMAILLEES**
[54] **ENAMEL APPLICATION COMPOSITION AND METHOD FOR MAKING ENAMELLED FORMED PARTS**
[72] GENEVAY, JEAN-PIERRE, FR
[72] CHOLET, VINCENT, FR
[72] HELLOUIN, REMY, FR
[71] SOLLAC, FR
[71] BECKER INDUSTRIE, FR
[85] 2001-04-09
[86] 1999-10-06 (PCT/FR99/02381)
[87] 2000-04-20 (WO00/21897)
[30] FR (98/12769) 1998-10-12

[21] **2,347,123**
[13] A1

[51] **Int.Cl. 7C10L 1/32**
[25] FR
[54] **COMPOSITION COMBUSTIBLE SOUS FORME D'UNE EMULSION DERIVANT DE DECHETS HETEROGENES GRAISSEUX ET PROCEDE POUR SA FABRICATION**
[54] **FUEL COMPOSITION IN THE FORM OF AN EMULSION DERIVED FROM HETEROGENEOUS GREASY WASTE AND METHOD FOR MAKING SAME**
[72] HENDOU, MOULOU, FR
[72] LACAZE, PIERRE, FR
[72] FLAMENT, PATRICK, FR
[72] COLLIN, JEAN-CLAUDE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[71] LACAZE S.A., FR
[85] 2001-04-11
[86] 1999-10-01 (PCT/FR99/02366)
[87] 2000-04-20 (WO00/22069)
[30] FR (98/12751) 1998-10-12

[21] **2,347,124**
[13] A1

[51] **Int.Cl. 7H02K 21/24 7H01F 7/14**
[25] FR
[54] **ACTIONNEUR MAGNETIQUE ROTATIF**
[54] **ROTARY MAGNETIC ACTUATOR**
[72] VEYNE, STEPHANE, FR
[71] SAGEM S.A., FR
[85] 2001-04-12
[86] 1999-10-11 (PCT/FR99/02432)
[87] 2000-04-20 (WO00/22720)
[30] FR (98/12730) 1998-10-12

[21] **2,347,129**
[13] A1

[51] **Int.Cl. 7C12N 15/86 7C12N 7/01 7C12N 5/10**
[25] EN
[54] **METHODS FOR LARGE-SCALE PRODUCTION OF RECOMBINANT AAV VECTORS**
[54] **METHODES DE PRODUCTION A GRANDE ECHELLE DE VECTEURS RECOMBINANTS AAV**
[72] ZOLOTUKHIN, SERGEI, US
[72] BYRNE, BARRY J., US
[72] CONWAY, JAMES E., US
[72] HAYWARD, GARY S., US
[72] MUZYCZKA, NICHOLAS, US
[71] UNIVERSITY OF FLORIDA, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2001-04-17
[86] 1999-09-22 (PCT/US99/22052)
[87] 2000-03-30 (WO00/17377)
[30] US (60/101,507) 1998-09-22

[21] **2,347,131**
[13] A1

[51] **Int.Cl. 7C07K 19/00 7C12N 1/21 7C12N 15/62 7C12N 15/70**
[25] EN
[54] **MODIFIED PEPTIDES AS THERAPEUTIC AGENTS**
[54] **PEPTIDES MODIFIES UTILISES COMME AGENTS THERAPEUTIQUES**
[72] FEIGE, ULRICH, US
[72] CHEETHAM, JANET, US
[72] BOONE, THOMAS CHARLES, US
[72] LIU, CHUAN-FA, US
[71] AMGEN INC., US
[85] 2001-04-12
[86] 1999-10-25 (PCT/US99/25044)
[87] 2000-05-04 (WO00/24782)
[30] US (60/105,371) 1998-10-23
[30] US (09/428,082) 1999-10-22

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,347,134 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/29 7C07K 14/415 7C12N 15/82 [25] EN [54] MAIZE KIN17 ORTHOLOGUES AND USES THEREOF [54] ORTHOLOGUES DE KIN17 DU MAIS ET UTILISATIONS CORRESPONDANTES [72] MAHAJAN, PRAMOD B., US [71] PIONEER HI-BRED INTERNATIONAL, INC., US [85] 2001-04-17 [86] 1999-10-06 (PCT/US99/23280) [87] 2000-05-04 (WO00/24900) [30] US (60/105,802) 1998-10-27</p>	<p style="text-align: right;">[21] 2,347,140 [13] A1</p> <p>[51] Int.Cl. 7B05B 11/00 [25] EN [54] LOW CAPACITY PUMP WITH ENHANCED COMPATIBILITY [54] POMPE DE FAIBLE CAPACITE A COMPATIBILITE AMELIOREE [72] LOMPECH, HERVE, FR [72] BOUGAMONT, JEAN-LOUIS, FR [72] DUMONT, PIERRE, FR [71] REXAM SOFAB, FR [85] 2001-04-12 [86] 1999-10-15 (PCT/FR99/02514) [87] 2000-04-27 (WO00/23199) [30] FR (98/13004) 1998-10-16</p>	<p style="text-align: right;">[21] 2,347,147 [13] A1</p> <p>[51] Int.Cl. 7B29C 70/38 7B29C 53/80 [25] FR [54] CORPS DE REVOLUTION CREUX ET SON PROCEDE DE FABRICATION [54] HOLLOW SOLID GENERATED BY ROTATION AND METHOD FOR MAKING SAME [72] CIVIDINO, ALEXANDRE, FR [72] DEBALME, JEAN-PAUL, FR [72] VOIRON, JACQUES, FR [71] SAINT-GOBAIN VETROTEX FRANCE S.A., FR [85] 2001-04-17 [86] 1999-10-20 (PCT/FR99/02547) [87] 2000-05-04 (WO00/24566) [30] FR (98/13293) 1998-10-23</p>
<p style="text-align: right;">[21] 2,347,136 [13] A1</p> <p>[51] Int.Cl. 7C07K 14/78 7C12N 15/00 7C07K 7/04 7C07K 5/068 7A61K 38/08 7A61K 38/10 7A61K 9/127 [25] EN [54] NEOVASCULAR-SPECIFIC PEPTIDES [54] PEPTIDES SPECIFIQUES POUR LA NEOVASCULARISATION [72] TANAKA, MICHINORI, JP [72] TAKI, TAKAO, JP [72] ISHIKAWA, DAI, JP [72] OGINO, KOICHI, JP [72] OKU, NAOTO, JP [71] OTSUKA PHARMACEUTICAL CO., LTD., JP [85] 2001-04-12 [86] 1999-10-15 (PCT/JP99/05730) [87] 2000-04-27 (WO00/23476) [30] JP (10/295198) 1998-10-16 [30] JP (11/194706) 1999-07-08</p>	<p style="text-align: right;">[21] 2,347,142 [13] A1</p> <p>[51] Int.Cl. 7C03C 8/14 [25] FR [54] UTILISATION D'UNE COMPOSITION POUR L'EMAILLAGE, PERMETTANT D'EVITER LES COUPS D'ONGLE ET TOLE EMAILLEE OBTENUE [54] USE OF AN ENAMELLING COMPOSITION, ENABLING TO AVOID FISH-SCALES AND RESULTING ENAMELLED SHEET [72] CHOLET, VINCENT, FR [72] HEMMEN, PASCALE, FR [72] VITTER, GERARD, FR [71] USINOR, FR [85] 2001-04-12 [86] 1999-10-06 (PCT/FR99/02383) [87] 2000-04-20 (WO00/21896) [30] FR (98/12912) 1998-10-14</p>	<p style="text-align: right;">[21] 2,347,161 [13] A1</p> <p>[51] Int.Cl. 7C07C 255/65 [25] FR [54] GRANULES DE COMPOSES DE TYPE AZOIQUE [54] AZO-TYPE COMPOUND GRANULES [72] GOLDSZAL, ALEXANDRE, FR [72] DAUBA, JEAN-YVES, FR [71] ATOFINA, FR [85] 2001-04-18 [86] 1999-09-22 (PCT/FR99/02249) [87] 2000-05-04 (WO00/24706) [30] FR (98/13325) 1998-10-23</p>
<p style="text-align: right;">[21] 2,347,138 [13] A1</p> <p>[51] Int.Cl. 7A61F 2/38 [25] FR [54] IMPLANT FEMORAL DE REPRISE POUR PROTHESE DE GENOU [54] REVISION FEMORAL COMPONENT FOR KNEE JOINT PROTHESIS [72] TOUSSAINT, JEAN-MARC, FR [72] BREYSSE, MICHAEL, FR [71] DEPUY FRANCE, FR [85] 2001-04-12 [86] 1999-10-14 (PCT/FR99/02503) [87] 2000-04-27 (WO00/23010) [30] FR (98/13024) 1998-10-16</p>	<p style="text-align: right;">[21] 2,347,145 [13] A1</p> <p>[51] Int.Cl. 7B29D 30/20 7B60C 15/00 [25] FR [54] PROCEDE DE FABRICATION D'UN PNEUMATIQUE SANS TRINGLE [54] METHOD FOR MAKING A TYRE WITHOUT TYRE BEAD CORE [72] AHOUANTO, MICHEL, FR [72] BESTGEN, LUC, FR [71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH [85] 2001-04-12 [86] 1999-10-11 (PCT/EP99/07599) [87] 2000-04-27 (WO00/23260) [30] FR (98/13052) 1998-10-16</p>	<p style="text-align: right;">[21] 2,347,164 [13] A1</p> <p>[51] Int.Cl. 7H03M 3/02 [25] FR [54] COMPENSATION DU RETARD DU CONVERTISSEUR ANALOGIQUE-NUMERIQUE DANS LES MODULATEURS SIGMA-DELTA [54] DELAY COMPENSATION FOR ANALOG-TO-DIGITAL CONVERTER IN SIGMA-DELTA MODULATORS [72] BENABES, PHILIPPE, FR [72] GABET, PASCAL, FR [72] DE GOUY, JEAN-LUC, FR [71] THOMSON-CSF, FR [85] 2001-04-18 [86] 1999-10-22 (PCT/FR99/02579) [87] 2000-05-04 (WO00/25428) [30] FR (98/13324) 1998-10-23</p>

Demandes PCT entrant en phase nationale

[21] **2,347,166**
[13] A1

[51] **Int.Cl. 7B65D 35/12 7B29C 45/16 7B29D 23/20**
[25] FR
[54] **TUBE A TETE EN MATERIAUX MULTICOUCHES ET PROCEDE DE FABRICATION**
[54] **TUBE WITH MULTILAYER HEAD AND METHOD FOR MAKING SAME**
[72] BOSSHARDT, MICHEL, FR
[72] MEAUSOONE, JEAN-PAUL, FR
[72] LAPALUS, ROGER, FR
[71] CEBAL SA, FR
[85] 2001-04-18
[86] 1999-10-18 (PCT/FR99/02525)
[87] 2000-04-27 (WO00/23340)
[30] FR (98/13223) 1998-10-19

[21] **2,347,170**
[13] A1

[51] **Int.Cl. 7A61K 31/765**
[25] FR
[54] **LAXATIF OSMOTIQUE NON FERMENTE POUR TRAITER ET PREVENIR LES CANCERS COLORECTAUX**
[54] **NON-FERMENTED OSMOTIC LAXATIVE FOR TREATING AND PREVENTING COLORECTAL CANCERS**
[72] TACHE, SYLVIANE, FR
[72] PARNAUD, GERALDINE, FR
[72] CORPET, DENIS E., FR
[71] ENVT - ECOLE NATIONALE VETERINAIRE DE TOULOUSE, FR
[71] INRA - INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[85] 2001-04-12
[86] 1999-05-05 (PCT/FR99/01065)
[87] 2000-05-04 (WO00/24407)
[30] FR (98/13450) 1998-10-27
[30] FR (99/03240) 1999-03-16

[21] **2,347,369**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C12M 1/00**
[25] EN
[54] **MINIMAL PROMOTERS AND USES THEREOF**
[54] **PROMOTEURS TRONQUES ET UTILISATIONS ASSOCIEES**
[72] FULLER, JAMES T., US
[71] POWDERJECT VACCINES, INC., US
[85] 2001-04-19
[86] 1999-10-19 (PCT/US99/24694)
[87] 2000-04-27 (WO00/23592)
[30] US (60/104,871) 1998-10-19

[21] **2,347,373**
[13] A1

[51] **Int.Cl. 7C12N 1/20 7C12N 9/42 7C12N 15/52 7C12N 15/56 7C12N 15/63**
[25] EN
[54] **RECOMBINANT EXTRACELLULAR CHITINASES AND USES THEREOF**
[54] **CHITINASES EXTRA-CELLULAIRES RECOMBINEES ET LEUR UTILISATION**
[72] ROSEMAN, SAUL, US
[72] KEYHANI, NEMAT O., US
[72] FOMENKOV, ALEXEY, US
[71] JOHNS HOPKINS UNIVERSITY, US
[85] 2001-04-17
[86] 1999-10-27 (PCT/US99/25180)
[87] 2000-05-04 (WO00/24874)
[30] US (60/106,047) 1998-10-28

[21] **2,347,405**
[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **CONNECTION MANAGER FOR TELECOMMUNICATIONS**
[54] **GESTIONNAIRE DE CONNEXION POUR TELECOMMUNICATIONS**
[72] DE SIMONE, MAURICIO, CA
[72] TRUDEAU, CHRIS, CA
[72] SNELGROVE, WILLIAM MARTIN, CA
[72] STUMM, MICHAEL, CA
[71] SOMA NETWORKS, INC., CA
[85] 2001-03-26
[86] 1999-09-24 (PCT/CA99/00876)
[87] 2000-04-06 (WO00/19677)
[30] US (60/101,857) 1998-09-25
[30] CA (2,264,407) 1999-03-04

[21] **2,347,406**
[13] A1

[51] **Int.Cl. 7H04Q 3/00**
[25] EN
[54] **OPERATING SYSTEM FOR TELECOMMUNICATIONS**
[54] **SYSTEME D'EXPLOITATION POUR COMMUNICATIONS**
[72] SNELGROVE, WILLIAM MARTIN, CA
[72] DE SIMONE, MAURICIO, CA
[72] STUMM, MICHAEL, CA
[71] SOMA NETWORKS, INC., CA
[85] 2001-03-26
[86] 1999-09-24 (PCT/CA99/00874)
[87] 2000-04-06 (WO00/19736)
[30] US (60/101,857) 1998-09-25
[30] CA (2,264,407) 1999-03-04

[21] **2,347,412**
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C12N 1/21 7C12N 15/62 7C12P 19/62 7C12N 15/63 7C12N 15/74**
[25] EN
[54] **RECOMBINANT OLEANDOLIDE POLYKETIDE SYNTHASE**
[54] **OLEANDOLIDE-POLYKETIDE-SYNTHASE DE RECOMBINAISON**
[72] MCDANIEL, ROBERT, US
[72] TANG, LI, US
[72] SHAH, SANJAY KRISHNAKANT, US
[72] BETLACH, MARY C., US
[71] KOSAN BIOSCIENCES, INC., US
[85] 2001-04-18
[86] 1999-10-22 (PCT/US99/24478)
[87] 2000-05-11 (WO00/26349)
[30] US (60/106,100) 1998-10-29
[30] US (60/120,254) 1999-02-16

[21] **2,347,653**
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C07K 19/00 7C12N 5/10 7C12N 9/12 7C12N 15/12 7C07K 16/40 7C07K 14/47 7C12Q 1/48 7G01N 33/68 7C12N 15/85**
[25] EN
[54] **NOVEL CELL SIGNALING POLYPEPTIDES AND NUCLEIC ACIDS**
[54] **NOUVEAUX ACIDES NUCLEIQUES ET POLYPEPTIDES DE SIGNALISATION CELLULAIRE**
[72] CALLOW, MARINELLA, US
[72] RUGGIERI, ROSAMARIA, US
[72] DIAZ, PAUL, US
[71] ONYX PHARMACEUTICALS, INC., US
[85] 2001-04-12
[86] 1999-09-20 (PCT/US99/22008)
[87] 2000-04-20 (WO00/22142)
[30] US (60/104,088) 1998-10-13

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[21] **2,347,654**
[13] A1

[51] **Int.Cl. 7C07K 14/47**
[25] EN
[54] **HUMAN RNA BINDING PROTEINS
FIXATION DE L'ARN**
[72] BAUGHN, MARIAH R., US
[72] LU, DYUNG AINA M., US
[72] BANDMAN, OLGA, US
[72] TANG, TOM Y., US
[72] GUEGLER, KARL J., US
[72] CORLEY, NEIL C., US
[71] INCYTE PHARMACEUTICALS, INC.,
US
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24894)
[87] 2000-04-27 (WO00/23466)
[30] US (09/176,657) 1998-10-21

[21] **2,347,655**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10
7A61K 38/18 7C07K 16/22 7C07K 14/475
7C12N 15/63**
[25] EN
[54] **GROWTH FACTOR RELATED
MOLECULES**
[54] **MOLECULES APPARENTEES AU
FACTEUR DE CROISSANCE**
[72] BAUGHN, MARIAH R., US
[72] GUEGLER, KARL J., US
[72] AU-YOUNG, JANICE, US
[72] TANG, Y. TOM, US
[72] YUE, HENRY, US
[72] CORLEY, NEIL C., US
[72] HILLMAN, JENNIFER L., US
[71] INCYTE PHARMACEUTICALS, INC.,
US
[85] 2001-04-26
[86] 1999-10-28 (PCT/US99/25458)
[87] 2000-05-04 (WO00/24774)
[30] US (09/181,711) 1998-10-28
[30] US (UNKNOWN) 1998-10-28
[30] US (09/209,547) 1998-12-11
[30] US (UNKNOWN) 1998-12-11
[30] US (09/313,457) 1999-05-17
[30] US (UNKNOWN) 1999-05-17

[21] **2,347,656**
[13] A1

[51] **Int.Cl. 6C12Q 1/58 6C07H 21/04
6C12P 19/34**
[25] EN
[54] **A NOVEL METHOD OF
DIAGNOSING, MONITORING,
STAGING, IMAGING AND TREATING
LUNG CANCER**
[54] **NOUVEAU PROCEDE DE
DIAGNOSTIC, DE SURVEILLANCE, DE
CLASSIFICATION PAR STADES,
D'IMAGERIE ET DE TRAITEMENT DU
CANCER DES POUMONS**
[72] SUN, YONGMING, US
[72] YANG, FEI, US
[72] MACINA, ROBERTO A., US
[72] RECIPON, HERVE, US
[71] DIADEXUS, INC., US
[85] 2001-02-02
[86] 1999-07-19 (PCT/US99/16247)
[87] 2000-02-17 (WO00/08206)
[30] US (60/095,233) 1998-08-04

[21] **2,347,672**
[13] A1

[51] **Int.Cl. 7F16H 31/00**
[25] EN
[54] **DRIVE MECHANISM FOR A
ROTATING OBJECT SUCH AS A
ROLLER, SHAFT, DISK OR SUCH LIKE**
[54] **ENTRAINEMENT POUR UN
OBJET TOURNANT, TEL QU'UN
CYLINDRE, UN ARBRE, UN DISQUE
OU ANALOGUE**
[72] HARTER, ERICH, DE
[72] HITZLER, ALFRED, DE
[71] VENTA-LUFTWASCHER GMBH, DE
[71] VENTA AIRWASHER LLC., US
[85] 2001-04-24
[86] 1999-12-29 (PCT/IB99/02063)
[87] 2000-07-06 (WO00/39485)
[30] US (09/222,726) 1998-12-29

[21] **2,347,673**
[13] A1

[51] **Int.Cl. 6C08J 5/04 6C08L 23/06
6B29C 70/42**
[25] EN
[54] **PROCESS FOR THE PRODUCTION
OF A SHAPED ARTICLE**
[54] **PROCEDE D'ELABORATION
D'ARTICLES MOULES**
[72] BEUGELS, JEAN HUBERT MARIE,
NL
[72] MOKVELD, FLORIBERTUS
CORNELIS HERMANUS, NL
[71] DSM N.V., NL
[85] 2001-04-24
[86] 1999-02-24 (PCT/NL99/00097)
[87] 2000-05-04 (WO00/24811)
[30] NL (1010399) 1998-10-26

[21] **2,347,674**
[13] A1

[51] **Int.Cl. 7A61F 13/64**
[25] EN
[54] **ABSORBENT ARTICLE
PROVIDED WITH A BELT**
[54] **ARTICLE ABSORBANT AVEC
CEINTURE**
[72] MAGNUSSON, ING-BRITT, SE
[72] LOFT, PIA, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2001-04-24
[86] 1999-11-03 (PCT/SE99/01975)
[87] 2000-05-18 (WO00/27330)
[30] SE (9803803-7) 1998-11-06

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[21] **2,347,676**
[13] A1

[51] **Int.Cl. 7C08F 4/00 7C08F 293/00 7C08F 2/38**
[25] EN
[54] **COMPOSITION AND PROCESS FOR CONTROLLED RADICAL POLYMERIZATION USING MULTIFUNCTIONAL INITIATOR/REGULATOR COMPOUNDS**
[54] **COMPOSITION ET PROCEDE DE POLYMERISATION RADICALE CONTROLEE UTILISANT DES COMPOSES INITIATEURS/REGULATEURS MULTIFONCTIONNELS**
[72] GALBO, JAMES PETER, US
[72] WUNDERLICH, WIEBKE, DE
[72] PFAENDNER, RUDOLF, DE
[72] SELTZER, RAYMOND, US
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2001-04-24
[86] 1999-12-15 (PCT/EP99/09940)
[87] 2000-06-29 (WO00/37508)
[30] US (60/113,238) 1998-12-21

[21] **2,347,678**
[13] A1

[51] **Int.Cl. 7B27N 3/24**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR THE CONTINUOUS PRODUCTION OF LIGNOCELLULOSE-CONTAINING BOARDS**
[54] **PROCEDE ET INSTALLATION DE PRODUCTION EN CONTINU DE PLANCHES RENFERMANT DE LA LIGNOCELLULOSE**
[72] LUNDGREN, GORAN, SE
[72] MELANDER, OLOF, SE
[72] SCHEDIN, KURT, SE
[71] VALMET FIBERTECH AB, SE
[85] 2001-04-24
[86] 1999-11-01 (PCT/SE99/01964)
[87] 2000-05-11 (WO00/25999)
[30] SE (9803741-9) 1998-11-02

[21] **2,347,680**
[13] A1

[51] **Int.Cl. 7B60P 1/00**
[25] EN
[54] **PRESSURE SWITCH TO DEFEAT PLATFORM FOLD OPERATION IN A HYDRAULIC LIFT**
[54] **MANOCONTACT EMPECHANT LA PLATE-FORME D'UN APPAREIL DE LEVAGE HYDRAULIQUE DE SE REPLIER**
[72] HERMANSON, JEFFREY J., US
[72] PIERROU, JAMES R., US
[71] THE BRAUN CORPORATION, US
[85] 2001-04-24
[86] 1999-10-29 (PCT/US99/25400)
[87] 2000-05-11 (WO00/26060)
[30] US (60/106,365) 1998-10-30

[21] **2,347,681**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **IMPROVED ROLLING MEMBRANE STENT DELIVERY SYSTEM**
[54] **SYSTEME D'ACHEMINEMENT DE STENT AMELIORE MUNI D'UNE MEMBRANE RETRACTABLE**
[72] MONROE, LANCE A., US
[72] SOGARD, DAVE J., US
[72] SMITH, SCOTT R., US
[72] VRBA, ANTHONY C., US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2001-04-24
[86] 1999-10-06 (PCT/US99/23130)
[87] 2000-05-18 (WO00/27309)
[30] US (09/187,947) 1998-11-06

[21] **2,347,684**
[13] A1

[51] **Int.Cl. 7G07F 7/10**
[25] EN
[54] **DELEGATED MANAGEMENT OF SMART CARD APPLICATIONS**
[54] **DELEGATION DE GESTION POUR APPLICATIONS DE CARTES A PUCE**
[72] GUNGL, KLAUS P., DE
[72] WENTKER, DAVID C., US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2001-04-24
[86] 1999-10-26 (PCT/US99/25103)
[87] 2000-05-04 (WO00/25278)
[30] US (60/105,841) 1998-10-27
[30] US (60/121,810) 1999-02-25
[30] US (60/124,130) 1999-03-12

[21] **2,347,704**
[13] A1

[51] **Int.Cl. 7H01R 12/36**
[25] EN
[54] **BOARD-MOUNTED ELECTRONIC DEVICE, IN PARTICULAR AN ELECTRONIC GAS LIGHTER, INCLUDING MEANS FOR FAST CONNECTION OF INSULATED ELECTRIC WIRES TO AN ELECTRIC CIRCUIT ON THE BOARD**
[54] **DISPOSITIF ELECTRONIQUE MONTE SUR TABLETTE, NOTAMMENT ALLUMEUR DE GAZ ELECTRONIQUE COMPORTANT UN MOYEN DE CONNEXION RAPIDE DE FILS ELECTRIQUES ISOLES AVEC UN CIRCUIT ELECTRIQUE SUR LA TABLETTE**
[72] ALEARDI, MASSIMO, IT
[72] BIANCHI, RAOUL, IT
[71] ITW INDUSTRIAL COMPONENTS S.R.L., IT
[85] 2001-01-26
[86] 1999-07-28 (PCT/IT99/00248)
[87] 2000-02-10 (WO00/07263)
[30] IT (TO98U000144) 1998-07-28

[21] **2,347,705**
[13] A1

[51] **Int.Cl. 7F23Q 3/00**
[25] EN
[54] **ELECTRONIC GAS-LIGHTING DEVICE INTEGRATED WITH A TERMINAL BOARD**
[54] **DISPOSITIF ELECTRONIQUE D'ALLUMAGE DE GAZ INTEGRE A UNE PLAQUETTE A BORNES**
[72] BIANCHI, RAOUL, IT
[72] ALEARDI, MASSIMO, IT
[71] ITW INDUSTRIAL COMPONENTS S.R.L., IT
[85] 2001-01-26
[86] 1999-07-28 (PCT/IT99/00247)
[87] 2000-02-10 (WO00/06952)
[30] IT (TO98A000653) 1998-07-28

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[21] **2,347,706**
[13] A1

[51] **Int.Cl. 7A01N 63/02**
[25] EN
[54] **UTILIZATION OF AN ANTIFUNGAL PROTEIN FROM STREPTOMYCES TENDAE AGAINST PLANT PATHOGENIC FUNGI**
[54] **UTILISATION D'UNE PROTEINE ANTIFONGIQUE DE STREPTOMYCES TENDAE POUR LUTTER CONTRE LES CHAMPIGNONS PATHOGENES DES PLANTES**
[72] NEUMANN, THOMAS, DE
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG, DE
[85] 2001-04-20
[86] 1999-10-05 (PCT/EP99/07364)
[87] 2000-04-27 (WO00/22932)
[30] DE (198 48 517.4) 1998-10-21

[21] **2,347,707**
[13] A1

[51] **Int.Cl. 7C08F 220/30 7G02B 1/04 7C08F 220/18**
[25] EN
[54] **FOLDABLE OPHTHALMIC AND OTORHINOLARYNGOLOGICAL DEVICE MATERIALS**
[54] **MATERIAUX POUR DISPOSITIFS OPHTALMIQUES ET OTO-RHINO-LARYNGOLOGIQUES PLIABLE**
[72] FREEMAN, CHARLES, US
[72] SCHLUETER, DOUGLAS C., US
[71] ALCON UNIVERSAL LTD., CH
[85] 2001-04-24
[86] 2000-08-23 (PCT/US00/23283)
[87] 2001-03-15 (WO01/18078)
[30] US (60/152,622) 1999-09-07

[21] **2,347,708**
[13] A1

[51] **Int.Cl. 7H01S 5/183**
[25] EN
[54] **SURFACE-EMISSION SEMICONDUCTOR LASER**
[54] **LASER A SEMI-CONDUCTEUR A EMISSION PAR LA SURFACE**
[72] YOKOUCHI, NORIYUKI, JP
[72] KASUKAWA, AKIHIKO, JP
[71] THE FURUKAWA ELECTRIC CO., LTD., JP
[85] 2001-04-24
[86] 2000-06-06 (PCT/JP00/03668)
[87] 2001-03-22 (WO01/20734)
[30] JP (11/259067) 1999-09-13

[21] **2,347,709**
[13] A1

[51] **Int.Cl. 7C08J 9/14 7C08L 75/04 7C08J 9/30 7B29C 44/34**
[25] EN
[54] **METHOD OF PREPARING RIGID POLYURETHANE FOAM**
[54] **PROCEDE DE PREPARATION D'UNE MOUSSE DE POLYURETHANNE DURE**
[72] MATSUMOTO, TAKUYA, JP
[72] KITANO, KEIICHI, SG
[72] CHIBA, TAKANORI, JP
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2001-04-24
[86] 1999-10-13 (PCT/EP99/07691)
[87] 2000-05-04 (WO00/24813)
[30] JP (10-303794) 1998-10-26

[21] **2,347,712**
[13] A1

[51] **Int.Cl. 6H04N 7/10 6H04N 7/14**
[25] EN
[54] **DYNAMIC EVENT INFORMATION TABLE SCHEDULE WINDOW**
[54] **FENETRE DYNAMIQUE DE PLANIFICATION DE TABLES D'INFORMATIONS D'EVENEMENTS**
[72] MENAND, JEAN-RENE, US
[72] FREIMANN, FELIX, US
[72] NGUYEN, JINO, US
[71] OPENTV, INC., US
[85] 2001-04-24
[86] 1999-11-22 (PCT/US99/27661)
[87] 2000-06-02 (WO00/31973)
[30] US (60/109,918) 1998-11-23

[21] **2,347,713**
[13] A1

[51] **Int.Cl. 7A61K 38/10 7C07K 9/00 7C12N 15/12 7C07K 14/435**
[25] EN
[54] **CONTULAKIN-G, ANALOGS THEREOF AND USES THEREFOR**
[54] **CONTULAKINE-G, SES ANALOGUES ET SES UTILISATIONS**
[72] HILLYARD, DAVID R., US
[72] CRUZ, LOURDES J., US
[72] WAGSTAFF, JOHN D., US
[72] IMPERIAL, JULITA, US
[72] OLIVERA, BALDOMERO M., US
[72] JONES, ROBERT M., US
[72] WATKINS, MAREN, US
[72] MCCABE, R. TYLER, US
[72] LAYER, RICHARD T., US
[72] CRAIG, A. GREY, US
[72] GRIFFEN, DAVID, US
[71] COGNETIX, INC., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[71] SALK INSTITUTE, US
[85] 2001-04-18
[86] 1999-10-20 (PCT/US99/24380)
[87] 2000-04-27 (WO00/23092)
[30] US (60/105,015) 1998-10-20
[30] US (60/128,561) 1999-04-09
[30] US (60/130,661) 1999-04-23

[21] **2,347,719**
[13] A1

[51] **Int.Cl. 7B29C 55/12 7C09J 7/02**
[25] EN
[54] **METHODS OF STRETCHING FILMS AND SUCH FILMS**
[54] **PROCEDE D'ETIREMENT DE FILMS ET FILMS AINSI PRODUITS**
[72] WONG, CHIU P., US
[72] JACKSON, JEFFERY N., US
[72] ROSKA, FRED J., US
[72] HANSCHEN, THOMAS P., US
[72] FERGUSON, ANTHONY B., US
[72] MERRILL, WILLIAM W., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2001-04-24
[86] 1999-03-25 (PCT/US99/06519)
[87] 2000-05-25 (WO00/29197)
[30] US (09/192,059) 1998-11-13

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[21] **2,347,721**
[13] A1

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **METHOD AND APPARATUS FOR BUILDING MULTIMEDIA APPLICATIONS USING INTERACTIVE MULTIMEDIA VIEWERS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE CREER DES APPLICATIONS MULTIMEDIA A L'AIDE DE VISUALISEURS MULTIMEDIA INTERACTIFS**
[72] SIDELL, MARK FRANKLIN, US
[72] BECK, CHRISTOPHER CLEMMETT MACLEOD, US
[72] POWERS, JAMES KARL, US
[72] KNUFF, CHARLES DAZLER, US
[72] BERKE, JONATHAN MICHAEL, US
[72] MITCHELL, ROBIN MARIE, US
[72] JOHNSTONE, JOEL A., US
[71] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US
[85] 2001-04-24
[86] 1999-10-26 (PCT/US99/25309)
[87] 2000-05-04 (WO00/25238)
[30] US (09/182,745) 1998-10-28

[21] **2,347,722**
[13] A1

[51] **Int.Cl. 7G02F 1/09 7G02B 6/26**
[25] EN
[54] **MULTIPLE PORT, FIBER OPTIC CIRCULATOR**
[54] **CIRCULATEUR POUR FIBRES OPTIQUES A ACCES MULTIPLES**
[72] ZHANG, B. BARRY, US
[72] LU, LIANG-JU, US
[71] ADC TELECOMMUNICATIONS, INC., US
[85] 2001-04-24
[86] 1999-10-19 (PCT/US99/24378)
[87] 2000-05-04 (WO00/25173)
[30] US (09/181,142) 1998-10-27

[21] **2,347,728**
[13] A1

[51] **Int.Cl. 7C25B 11/06**
[25] FR
[54] **CATHODE UTILISABLE POUR L'ELECTROLYSE DE SOLUTIONS AQUEUSES**
[54] **CATHODE FOR ELECTROLYSING AQUEOUS SOLUTIONS**
[72] ANDOLFATTO, FRANCOISE, FR
[72] JOUBERT, PHILIPPE, FR
[71] ATOFINA, FR
[85] 2001-04-17
[86] 2000-08-18 (PCT/FR00/02341)
[87] 2001-03-01 (WO01/14615)
[30] FR (99/10659) 1999-08-20

[21] **2,347,759**
[13] A1

[51] **Int.Cl. 7H04Q 7/20 7H04B 7/185**
[25] EN
[54] **MOBILE TELEPHONY**
[54] **TELEPHONIE MOBILE**
[72] USHER, MARTIN PHILIP, GB
[72] MEAD, ANDREW ROBERT, GB
[71] STRATOS GLOBAL LIMITED, GB
[85] 2001-04-19
[86] 2000-08-10 (PCT/GB00/03088)
[87] 2001-03-01 (WO01/15466)
[30] GB (99306763.6) 1999-08-25
[30] GB (99308720.4) 1999-11-03
[30] GB (00093359.1) 2000-04-14
[30] GB (00303155.6) 2000-04-14
[30] GB (00303164.8) 2000-04-14

[21] **2,347,776**
[13] A1

[51] **Int.Cl. 7B41J 2/45**
[25] EN
[54] **SELF-SCANNING LIGHT-EMITTING DEVICE**
[54] **DISPOSITIF ELECTROLUMINESCENT A AUTO-BALAYAGE**
[72] OHNO, SEIJI, JP
[72] YAMASHITA, KEN, JP
[72] YOSHIDA, HARUNOBU, JP
[72] KUSUDA, YUKIHISA, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[85] 2001-04-23
[86] 2000-08-23 (PCT/JP00/05630)
[87] 2001-03-01 (WO01/14145)
[30] JP (11/236546) 1999-08-24
[30] JP (2000/55139) 2000-03-01

[21] **2,347,780**
[13] A1

[51] **Int.Cl. 7C09B 67/00 7C09B 31/053 7C09B 67/22 7G01N 21/91**
[25] EN
[54] **USE OF COMPOSITIONS CONTAINING BISAZO COMPOUNDS FOR DETECTING FISSURES**
[54] **UTILISATION DE COMPOSITIONS CONTENANT DES COMPOSES BISAZO COMME AGENTS DE DETECTION DE FISSURES**
[72] KRAH, CLAUDIA, DE
[72] BECK, KARIN, HEIDRUN, DE
[72] SCHOLZ, GERHARD, DE
[72] VAMVAKARIS, CHRISTOS, DE
[72] ETZBACH, KARL-HEINZ, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
[85] 2001-04-23
[86] 1999-11-20 (PCT/EP99/08917)
[87] 2000-06-02 (WO00/31188)
[30] DE (198 54 677.7) 1998-11-26

[21] **2,347,783**
[13] A1

[51] **Int.Cl. 6H01M 4/04 6B05D 7/14 6B05D 1/28**
[25] EN
[54] **BATTERY CELL COATING APPARATUS AND METHOD**
[54] **PROCEDE ET APPAREIL DE REVETEMENT D'UN ELEMENT DE BATTERIE**
[72] DINKELMAN, JOHN P., US
[71] JOHNSON CONTROLS TECHNOLOGY COMPANY, US
[85] 2001-04-23
[86] 1998-11-04 (PCT/US98/23507)
[87] 2000-05-04 (WO00/25375)
[30] US (09/177,757) 1998-10-23

[21] **2,347,786**
[13] A1

[51] **Int.Cl. 7E21B 43/00 7E21B 43/16**
[25] EN
[54] **METHOD TO REDUCE WATER SATURATION IN NEAR-WELL REGION**
[54] **PROCEDE POUR REDUIRE LA SATURATION EN EAU DANS UNE ZONE PROCHE D'UN FORAGE**
[72] IDOL, W. KEITH, US
[72] REPPERT, TODD R., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2001-04-23
[86] 1999-10-26 (PCT/US99/25090)
[87] 2000-05-11 (WO00/26504)
[30] US (60/106,863) 1998-11-03

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[21] **2,347,788**
[13] A1

[51] **Int.Cl. 7D21H 21/02 7C08F 8/00 7C08G 73/02 7C08J 3/24 7D21H 17/45 7D21H 17/54**

[25] EN

[54] **MODIFIED CATIONIC POLYMERS, THEIR PREPARATION AND THEIR USE IN PAPERMAKING**
[54] **POLYMERES CATIONIQUES MODIFIES, LEUR PREPARATION ET LEUR UTILISATION POUR LA FABRICATION DE PAPIER**

[72] GERCKE, MARTIN, DE

[72] AUS DEM KAHMEN, MARTIN, DE

[72] DYLLICK-BREZNINGER, RAINER, DE

[72] MAHR, NORBERT, DE

[72] ESSER, ANTON, DE

[72] MEIXNER, HUBERT, DE

[72] DECKER, JURGEN, DE

[71] BASF AKTIENGESSELLSCHAFT, DE

[85] 2001-04-23

[86] 1999-10-29 (PCT/EP99/08265)

[87] 2000-05-11 (WO00/26468)

[30] DE (198 50 817.4) 1998-11-04

[21] **2,347,793**
[13] A1

[51] **Int.Cl. 7F28F 13/18 7F28F 1/00 7F28F 1/14 7F28F 1/20 7F28F 1/30 7F28F 1/42**

[25] EN

[54] **POLYHEDRAL ARRAY HEAT TRANSFER TUBE**

[54] **TUBE DE TRANSFERT DE CHALEUR A RESEAU POLYEDRIQUE**

[72] TANG, LIANGYOU, US

[72] BENNETT, DONALD L., US

[71] OUTOKUMPU COPPER FRANKLIN, INC., US

[85] 2001-04-23

[86] 1999-11-01 (PCT/US99/25732)

[87] 2000-05-11 (WO00/26598)

[30] US (09/184,187) 1998-11-02

[21] **2,347,795**
[13] A1

[51] **Int.Cl. 7B01D 11/04 7C22B 23/00 7C22B 3/02**

[25] EN

[54] **METHOD FOR REDUCING THE SIZE OF SOLVENT EXTRACTION PROCESS STEPS AND CELL FOR USING IN THE SOLVENT EXTRACTION PROCESS**

[54] **PROCEDE DE REDUCTION DE LA DIMENSION DES PHASES DU PROCESSUS D'EXTRACTION PAR SOLVANT ET CELLULE A UTILISER DANS LEDIT PROCESSUS**

[72] SIPILA, JUSSI, FI

[72] LAITALA, HANNU, FI

[71] OUTOKUMPU OYJ, FI

[85] 2001-04-23

[86] 1999-10-19 (PCT/FI99/00860)

[87] 2000-05-11 (WO00/25882)

[30] FI (982354) 1998-10-29

[21] **2,347,801**
[13] A1

[51] **Int.Cl. 7B01D 29/94 7B01D 33/76**

[25] EN

[54] **APPARATUS FOR REMOVING MATERIAL FROM PRESSURISED SPACE**

[54] **APPAREIL PERMETTANT D'EVACUER DES MATIERES D'UN ESPACE SOUS PRESSION**

[72] VILO, JAAKKO, FI

[71] OUTOKUMPU OYJ, FI

[85] 2001-04-23

[86] 1999-10-22 (PCT/FI99/00879)

[87] 2000-05-04 (WO00/24495)

[30] FI (982333) 1998-10-27

[21] **2,347,803**
[13] A1

[51] **Int.Cl. 7C07D 309/02**

[25] EN

[54] **MICROBIAL TRANSFORMATION PRODUCT**

[54] **PRODUIT DE TRANSFORMATION MICROBIENNE**

[72] NIELSEN-KAHN, JENNIFER, US

[72] HARRIS, GUY H., US

[72] HEIMBUCH, BRIAN, US

[72] CHARTRAIN, MICHEL M., US

[72] STURR, MICHAEL G., US

[71] MERCK & CO., INC., US

[85] 2001-04-23

[86] 1999-10-22 (PCT/US99/24865)

[87] 2000-05-04 (WO00/24728)

[30] US (60/105,669) 1998-10-26

[21] **2,347,807**
[13] A1

[51] **Int.Cl. 7H02P 7/05**

[25] EN

[54] **SENSORLESS ROTOR POSITION DETECTION FOR SWITCHED RELUCTANCE MACHINES HAVING IRREGULAR POLES**

[54] **DETECTION DE LA POSITION D'UN ROTOR SANS UTILISER DE DETECTEUR DANS DES MACHINES A RELUCTANCE COMMUTEES PRESENTANT DES POLES IRREGULIERS**

[72] MORRIS, DAVID J., US

[71] TRIDELTA INDUSTRIES, INC., US

[85] 2001-04-24

[86] 1999-11-03 (PCT/US99/25897)

[87] 2000-05-11 (WO00/27022)

[30] US (60/107,061) 1998-11-04

[30] US (09/257,867) 1999-02-25

[21] **2,347,810**
[13] A1

[51] **Int.Cl. 7C11D 17/06 7C11D 3/37**

[25] EN

[54] **PROCESS FOR FORMING AN AGGLOMERATED PARTICLE**

[54] **PROCEDE DE FORMATION D'UNE PARTICULE AGGLOMERE**

[72] KANDASAMY, MANIVANNAN, JP

[72] WEN, TIENLI, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2001-04-24

[86] 1998-11-25 (PCT/US98/25229)

[87] 2000-06-02 (WO00/31234)

[21] **2,347,815**
[13] A1

[51] **Int.Cl. 7H02G 7/12**

[25] EN

[54] **LINE SPACER FOR POWER TRANSMISSION LINES**

[54] **SEPARATEUR POUR LIGNES DE TRANSMISSION D'ENERGIE ELECTRIQUE**

[72] GREGORY, OWEN, NZ

[72] MCKINNON, BRUCE RAYMOND, NZ

[71] TYCO ELECTRONICS LOGISTICS AG, CH

[85] 2001-04-24

[86] 1999-11-02 (PCT/NZ99/00180)

[87] 2000-05-11 (WO00/27009)

[30] NZ (332618) 1998-11-02

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[21] **2,347,833**
[13] A1

[51] **Int.Cl. 7C12N 15/13 7C07K 16/00 7C12N 5/10 7A61K 39/395 7C12N 15/63**
[25] EN
[54] **ANTIBODY VARIANTS WITH HIGHER BINDING AFFINITY COMPARED TO PARENT ANTIBODIES**
[54] **VARIANTS D'ANTICORPS A AFFINITE DE LIAISON SUPERIEURE PAR RAPPORT AUX ANTICORPS D'ORIGINE**
[72] MULLER, YVES, DE
[72] LOWMAN, HENRY B., US
[72] CHEN, YVONNE M., US
[71] GENENTECH, INC., US
[85] 2001-04-23
[86] 1999-11-16 (PCT/US99/27153)
[87] 2000-05-25 (WO00/29584)
[30] US (60/108,945) 1998-11-18

[21] **2,347,847**
[13] A1

[51] **Int.Cl. 7C07K 14/705 7C07K 14/435 7C12N 15/62 7C12N 15/63 7C12N 15/86**
[25] EN
[54] **A METHOD OF TREATING TUMORS USING FAS-INDUCED APOPTOSIS**
[54] **TECHNIQUE DE TRAITEMENT DE LA TUMEUR UTILISANT L'APOPTOSE INDUITE PAR LE FAS**
[72] DONG, JIAN-YUN, US
[72] NORRIS, JAMES S., US
[71] MUSC FOUNDATION FOR RESEARCH DEVELOPMENT, US
[85] 2001-04-23
[86] 1999-11-05 (PCT/US99/26221)
[87] 2000-05-18 (WO00/27883)
[30] US (60/107,363) 1998-11-06

[21] **2,347,849**
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 39/095 6C07K 16/12 6C07K 14/22 6G01N 33/53 6C12N 15/62 6G01N 33/68 6C12Q 1/68**
[25] EN
[54] **OMP85 PROTEINS OF NEISSERIA GONORRHOEAE AND NEISSERIA MENINGITIDIS, COMPOSITIONS CONTAINING SAME AND METHODS OF USE THEREOF**
[54] **PROTEINES OMP85 DE NEISSERIA GONORRHOEAE ET DE NEISSERIA MENINGITIDIS, COMPOSITIONS RENFERMANT LESDITES PROTEINES ET METHODES D'UTILISATION CORRESPONDANTES**
[72] MANNING, SCOTT D., US
[72] JUDD, RALPH C., US
[71] THE UNIVERSITY OF MONTANA, US
[85] 2001-04-18
[86] 1998-10-22 (PCT/US98/22352)
[87] 2000-04-27 (WO00/23595)

[21] **2,347,850**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C12N 15/11 7A61K 38/17 7C07K 16/18 7A61K 39/395 7C07K 14/47 7G01N 33/53 7C12N 15/85**
[25] EN
[54] **REGULATORY PROTEIN PKE#83 FROM HUMAN KERATINOCYTES**
[54] **PROTEINE PKE#83 REGULATRICE ISSUE DE KERATINOCYTES HUMAINS**
[72] REINARTZ, JEANETTE, DE
[72] BECHTEL, MICHAEL, DE
[72] KRAMER, MICHAEL D., DE
[72] SCHAFFER, BIRGIT, DE
[72] WALLICH, REINHARD, DE
[71] KRAMER, MICHAEL D., DE
[85] 2001-04-20
[86] 1999-11-19 (PCT/DE99/03732)
[87] 2000-06-02 (WO00/31125)
[30] DE (198 54 672.6) 1998-11-26
[30] DE (198 56 301.9) 1998-12-07

[21] **2,347,906**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12P 19/34 6G01N 33/53**
[25] EN
[54] **A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TREATING BREAST CANCER**
[54] **NOUVELLE METHODE PERMETTANT DE DIAGNOSTIQUER, DE SURVEILLER LE CANCER DU SEIN, D'EN DETERMINER LE STADE AINSI QUE D'EN FORMER DES IMAGES ET DE LE TRAITER**
[72] SUN, YONGMING, US
[72] RECIPON, HERVE, US
[72] CAFFERKEY, ROBERT, US
[71] DIADEXUS, INC., US
[85] 2001-02-02
[86] 1999-07-22 (PCT/US99/16811)
[87] 2000-02-17 (WO00/08210)
[30] US (60/095,232) 1998-08-04

[21] **2,347,937**
[13] A1

[51] **Int.Cl. 7C07K 1/00 7A61K 38/00 7A61K 39/00 7A61K 45/00 7A61K 39/02 7A61K 39/085 7A61K 39/116**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF PURIFIED INVASIN PROTEIN AND USE THEREOF**
[54] **PROCEDE DE PRODUCTION DE PROTEINE INVASINE HAUTEMENT PURIFIEE ET UTILISATION DE CETTE PROTEINE**
[72] PICKING, WENDY D., US
[72] PICKING, WILLIAM D., US
[72] OAKS, EDWIN V., US
[71] UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC., US
[71] WALTER REED ARMY INSTITUTE FOR RESEARCH, US
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24931)
[87] 2000-04-27 (WO00/23462)
[30] US (60/105,085) 1998-10-21
[30] US (60/136,754) 1999-06-01

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[21] **2,347,938**
[13] A1
[51] **Int.Cl. 7C07D 243/12 7C07D 401/04 7C07D 403/04 7A61P 3/04 7A61P 3/10 7A61K 31/551**
[25] EN
[54] **1,5-BENZODIAZEPINE COMPOUNDS, THEIR PRODUCTION AND USE**
[54] **COMPOSES DE 1,5-BENZODIAZEPINE, LEUR PRODUCTION ET UTILISATION**
[72] SUZUKI, NOBUHIRO, JP
[72] OI, SATORU, JP
[72] MATSUMOTO, TAKAHIRO, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2001-04-19
[86] 1999-10-19 (PCT/JP99/05754)
[87] 2000-04-27 (WO00/23428)
[30] JP (10/298941) 1998-10-20

[21] **2,347,959**
[13] A1
[51] **Int.Cl. 6A61L 2/00 6A61L 9/00**
[25] EN
[54] **AN APPARATUS AND METHOD FOR STERILIZING AN INSTRUMENT AT SUBSTANTIALLY ROOM TEMPERATURE**
[54] **PROCEDE ET APPAREIL DE STERILISATION D'UN INSTRUMENT A TEMPERATURE SENSIBLEMENT AMBIANTE**
[72] SERGIO, ROBERT M., US
[72] WOOD, WINFIELD JR., US
[72] SILDVE, PETER O., US
[71] SERMED INDUSTRIES INC., US
[85] 2001-04-20
[86] 1999-10-22 (PCT/US99/24797)
[87] 2000-04-27 (WO00/23118)
[30] US (60/105,115) 1998-10-22
[30] US (60/105,221) 1998-10-22
[30] US (60/105,225) 1998-10-22

[21] **2,347,968**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7C12N 15/62 7C12Q 1/68**
[25] EN
[54] **FOLLISTATIN-RELATED PROTEIN ZFSTA2**
[54] **LA PROTEINE ZFSTA2 APPARENTEE A LA FOLLISTATINE**
[72] CONKLIN, DARRELL C., US
[72] ELLSWORTH, JEFF L., US
[71] ZYMOGENETICS, INC., US
[85] 2001-04-10
[86] 1999-10-05 (PCT/US99/23179)
[87] 2000-04-20 (WO00/22126)
[30] US (09/173,044) 1998-10-15

[21] **2,347,973**
[13] A1
[51] **Int.Cl. 7C12N 15/00**
[25] EN
[54] **NOVEL METHODS FOR DISPLAYING (POLY)PEPTIDES/ PROTEINS ON BACTERIOPHAGE PARTICLES VIA DISULFIDE BONDS**
[54] **NOUVEAUX PROCEDES PERMETTANT LA PRESENTATION DE (POLY)PEPTIDES/PROTEINES SUR DES PARTICULES BACTERIOPHAGES AU MOYEN DE LIAISONS DISULFURE**
[72] LOHNING, CORINNA, DE
[71] MORPHOSYS AG, DE
[85] 2001-02-22
[86] 2000-07-20 (PCT/EP00/06968)
[87] 2001-01-25 (WO01/05950)
[30] EP (99114072.4) 1999-07-20
[30] EP (00103551.8) 2000-02-18

[21] **2,347,983**
[13] A1
[51] **Int.Cl. 7C07K 14/40 7A61K 38/00 7A61K 39/00 7C12N 15/11 7C07K 16/14**
[25] EN
[54] **INHIBITION OF TRANSGLUTAMINASE-MEDIATED MICROBIAL INFECTION OF A MAMMALIAN HOST**
[54] **INHIBITION DE L'INTERACTION MICROBIENNE INDUITE PAR LA TRANSGLUTAMINASE AVEC UN MAMMIFERE HOTE**
[72] SUNDSTROM, PAULA, US
[72] BRADWAY, STEVEN, US
[71] SUNDSTROM, PAULA, US
[85] 2001-04-25
[86] 1999-10-26 (PCT/US99/25043)
[87] 2000-05-04 (WO00/24773)
[30] US (09/178,509) 1998-10-26

[21] **2,348,019**
[13] A1
[51] **Int.Cl. 7A61K 31/00**
[25] EN
[54] **METHOD AND COMPOSITION FOR MODULATING AMYLOIDOSIS**
[54] **PROCEDE ET COMPOSITION POUR LA MODULATION DE L'AMYLOSE**
[72] LAM, FRED CHIU-LAI, CA
[72] REINER, PETER B., CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2001-04-20
[86] 1999-10-14 (PCT/US99/23885)
[87] 2000-05-04 (WO00/24390)
[30] US (09/177,413) 1998-10-23

[21] **2,348,022**
[13] A1
[51] **Int.Cl. 6C07D 487/04 6A61K 31/50**
[25] EN
[54] **FUSED PYRIDAZINE DERIVATIVES, PROCESS FOR THE PREPARATION OF THE SAME AND USES THEREOF**
[54] **DERIVES FUSIONNES DE PYRIDAZINE, PROCEDE DE PREPARATION CORRESPONDANT ET UTILISATION DE CES DERIVES**
[72] HARA, YUKIO, JP
[72] GYOTEN, MICHIO, JP
[72] NAGAYA, HIDEAKI, JP
[72] KAWANO, YASUHIKO, JP
[72] IKEUCHI, MOTOKI, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2001-04-20
[86] 1999-10-20 (PCT/JP99/05786)
[87] 2000-04-27 (WO00/23450)
[30] JP (10/299424) 1998-10-21
[30] JP (10/299425) 1998-10-21
[30] JP (10/307317) 1998-10-28

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[21] **2,348,023**
[13] A1

[51] **Int.Cl. 7A61K 31/55 7C07D 223/14 7C07D 223/16**
[25] EN
[54] **BENZOAZEPINES AND ANALOGS THEREOF USEFUL AS GROWTH HORMONE SECRETAGOGUES**
[54] **BENZOAZEPINES ET LEURS ANALOGUES UTILES EN TANT QUE SECRETAGOGUES D'HORMONES DE CROISSANCE**
[72] LI, JAMES J., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2001-04-23
[86] 1999-10-21 (PCT/US99/24793)
[87] 2000-05-04 (WO00/24398)
[30] US (60/105,969) 1998-10-28

[21] **2,348,024**
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 31/165**
[25] EN
[54] **GRANULAR, FREE-FLOWING PHARMACEUTICAL COMPOSITION, AND STRAW-LIKE DOSAGE FORM FOR ORAL ADMINISTRATION THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE COULANTE EN GRANULES ET FORME GALENIQUE SOUS FORME DE PAILLE POUR ADMINISTRATION ORALE**
[72] MORRIS, JOSEPH M., US
[72] BEAHM, JAMES S., US
[71] MCNEIL-PPC, INC., US
[85] 2001-04-26
[86] 1999-10-28 (PCT/US99/25454)
[87] 2000-05-11 (WO00/25744)
[30] US (60/106,302) 1998-10-30

[21] **2,348,025**
[13] A1

[51] **Int.Cl. 7C12N 15/29 7A01H 5/00 7C12P 21/02 7C12N 5/10 7C07K 14/415**
[25] EN
[54] **GENES ENCODING PROTEINS REGULATING PH OF VACUOLES**
[54] **GENES PROTEINES CODANT POUR DES PROTEINES REGULANT LE PH DE VACUOLES**
[72] INAGAKI, YOSHISHIGE, JP
[72] TANAKA, SACHIKO, JP
[72] IIDA, SHIGERU, JP
[71] SUNTORY LIMITED, JP
[85] 2001-04-23
[86] 2000-08-24 (PCT/JP00/05722)
[87] 2001-03-01 (WO01/14560)
[30] JP (11/236800) 1999-08-24

[21] **2,348,028**
[13] A1

[51] **Int.Cl. 7G01N 30/02**
[25] EN
[54] **METHOD OF PREPARING DELTA-9-TETRAHYDROCANNABINOL**
[54] **PREPARATION DE DELTA-9-TETRAHYDROCANNABINOL**
[72] ELSOHLY, MAHAMOUD A., US
[72] ROSS, SAMIR A., US
[71] THE UNIVERSITY OF MISSISSIPPI, US
[85] 2001-04-25
[86] 1999-10-26 (PCT/US99/25139)
[87] 2000-05-04 (WO00/25127)
[30] US (09/178,962) 1998-10-26

[21] **2,348,029**
[13] A1

[51] **Int.Cl. 7A61F 13/15 7B32B 7/12 7B32B 27/18 7A61L 15/22**
[25] EN
[54] **TOPSHEET SYSTEMS FOR ABSORBENT ARTICLES EXHIBITING IMPROVED HYDROPHILICITY GRADIENTS**
[54] **SYSTEMES A COUCHE SUPERIEURE POUR ARTICLES ABSORBANTS PRESENTANT DES GRADIENTS D'HYDROPHILIE AMELIORES**
[72] TAYLOR, GREGORY WADE, US
[72] CREE, JAMES WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-25
[86] 1999-10-27 (PCT/US99/25269)
[87] 2000-05-11 (WO00/25715)
[30] US (09/183,768) 1998-10-30

[21] **2,348,030**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 29/12 7H04Q 7/22 7H04Q 7/32**
[25] EN
[54] **A MOBILE TERMINAL AND WIRELESS DEVICE WITH COMMON IP ADDRESS**
[54] **TERMINAL MOBILE ET DISPOSITIF SANS FIL AYANT UNE ADRESSE IP COMMUNE**
[72] LIOY, MARCELLO, US
[71] QUALCOMM INCORPORATED, US
[85] 2001-04-25
[86] 1999-10-26 (PCT/US99/25145)
[87] 2000-05-04 (WO00/25497)
[30] US (09/179,226) 1998-10-26

[21] **2,348,031**
[13] A1

[51] **Int.Cl. 6H04N 7/10 6H04N 7/08**
[25] EN
[54] **SYSTEM AND METHOD FOR INFORMATION FILTERING**
[54] **SYSTEME ET PROCEDE DE FILTRAGE D'INFORMATIONS**
[72] FREIMANN, FELIX, US
[71] OPEN TV, INC., US
[85] 2001-04-25
[86] 1999-11-01 (PCT/US99/25730)
[87] 2000-05-18 (WO00/28739)
[30] US (09/189,733) 1998-11-10

[21] **2,348,032**
[13] A1

[51] **Int.Cl. 7A61K 49/00**
[25] EN
[54] **HYPERPOLARIZED HELIUM-3 MICROBUBBLE GAS ENTRAPMENT METHODS**
[54] **TECHNIQUES DE PIEGEAGE DE GAZ A MICROBULLES D'HELIUM-3 HYPERPOLARISE**
[72] DRIEHUYS, BASTIAAN, US
[71] MEDI-PHYSICS, INC., US
[85] 2001-04-25
[86] 1999-10-29 (PCT/US99/25434)
[87] 2000-05-11 (WO00/25828)
[30] US (60/106,843) 1998-11-03

[21] **2,348,033**
[13] A1

[51] **Int.Cl. 7B42D 5/00**
[25] EN
[54] **TAPE STRIP PADS AND DISPENSER AND METHOD OF DISPENSING INDIVIDUAL TAPE STRIPS**
[54] **BLOCS DE PAPILLONS ADHESIFS, DISTRIBUTEUR, ET PROCEDE DE DISTRIBUTION DE PAPILLONS ADHESIFS INDIVIDUELS**
[72] CRAWFORD, DENNIS L., US
[72] PEARSON, SCOTT D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2001-04-25
[86] 1999-09-27 (PCT/US99/22389)
[87] 2000-05-25 (WO00/29224)
[30] US (09/191,649) 1998-11-13

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[21] **2,348,034**
[13] A1
[51] **Int.Cl. 7B65D 33/24 7A44B 18/00**
[25] EN
[54] **TOUCH FASTENERS, THEIR MANUFACTURE, AND PRODUCTS INCORPORATING THEM**
[54] **FIXATIONS PAR CONTACT, LEUR FABRICATION ET PRODUITS LES INCORPORANT**
[72] CLUNE, WILLIAM, US
[72] SHEPARD, WILLIAM H., US
[72] PROVOST, GEORGE A., US
[71] VELCRO INDUSTRIES B.V., AN
[85] 2001-04-25
[86] 1999-11-05 (PCT/US99/26261)
[87] 2000-05-18 (WO00/27721)
[30] US (09/187,389) 1998-11-06
[30] US (09/293,257) 1999-04-16
[30] US (60/159,489) 1999-10-14

[21] **2,348,035**
[13] A1
[51] **Int.Cl. 6H04Q 3/64**
[25] EN
[54] **NEURAL NETWORK FOR CONTROLLING CALLS IN A TELEPHONE SWITCH**
[54] **RESEAU NEURONAL PERMETTANT DE CONTROLER LES APPELS AU NIVEAU D'UN COMMUTATEUR TELEPHONIQUE**
[72] DEZONNO, ANTHONY J., US
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US
[85] 2001-06-01
[86] 1999-08-26 (PCT/US99/19465)
[87] 2000-04-20 (WO00/22844)
[30] US (09/172,362) 1998-10-14

[21] **2,348,036**
[13] A1
[51] **Int.Cl. 7B65H 37/00**
[25] EN
[54] **DEVICE FOR TRANSFERRING A MATERIAL IN THE FORM OF A FILM APPLIED TO A CARRIER STRIP_ ONTO A SUBSTRATE**
[54] **DISPOSITIF PERMETTANT DE DEPOSER UNE MATIERE SOUS FORME DE FILM PLACEE SUR UNE BANDE DE SUPPORT**
[72] HERRMANNSEN, WULF, DE
[72] BAUERSACHS, WOLFGANG, DE
[72] MANUSCH, CHRISTOPH, DE
[71] PRITT PRODUKTIONSGESELLSCHAFT MBH, DE
[85] 2001-06-07
[86] 1999-06-29 (PCT/EP99/04476)
[87] 2000-01-20 (WO00/02806)
[30] DE (198 30 522.2) 1998-07-08

[21] **2,348,063**
[13] A1
[51] **Int.Cl. 7A61K 39/385 7C07K 16/00 7A61P 31/04 7A61K 39/09 7A61K 39/095 7A61P 31/12 7A61K 39/40 7A61K 39/42 7G01N 33/569**
[25] EN
[54] **METHOD FOR PREPARING SOLID PHASE CONJUGATE VACCINES**
[54] **PREPARATION DE VACCINS CONJUGUES EN PHASE SOLIDE**
[72] LEES, ANDREW, US
[71] HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, US
[85] 2001-04-23
[86] 1999-10-29 (PCT/US99/25425)
[87] 2000-05-11 (WO00/25812)
[30] US (60/106,090) 1998-10-29

[21] **2,348,161**
[13] A1
[51] **Int.Cl. 7C12N 15/54 7C12N 9/12 7C12N 1/21 7C12P 7/66**
[25] EN
[54] **PROCESS FOR PRODUCING COENZYME Q10**
[54] **PROCESSUS DE PRODUCTION DE COENZYMES Q10**
[72] YAJIMA, KAZUYOSHI, JP
[72] IKENAKA, YASUHIRO, JP
[72] MATSUDA, HIDEYUKI, JP
[72] KAWAMUKAI, MAKOTO, JP
[72] TAKAHASHI, SATOMI, JP
[72] HASEGAWA, JUNZO, JP
[71] KANEKA CORPORATION, JP
[85] 2001-04-20
[86] 2000-08-24 (PCT/JP00/05659)
[87] 2001-03-01 (WO01/14567)
[30] JP (11/237561) 1999-08-24

[21] **2,348,234**
[13] A1
[51] **Int.Cl. 7A61K 31/422 7C07D 413/12**
[25] EN
[54] **COMPOUNDS DERIVED FROM AN AMINE NUCLEUS THAT ARE INHIBITORS OF IMPDH ENZYME**
[54] **COMPOSES DERIVES D'UN NOYAU AMINE INHIBITEURS DE L'ENZYME IMPDH**
[72] IWANOWICZ, EDWIN J., US
[72] LIU, CHUNJIAN, US
[72] GU, HENRY H., US
[72] DHAR, T. G. MURALI, US
[72] LEFATHERIS, KATERINA, US
[72] PITTS, WILLIAM JOHN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2001-04-24
[86] 1999-10-22 (PCT/US99/24825)
[87] 2000-05-11 (WO00/25780)
[30] US (60/106,186) 1998-10-29

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[21] **2,348,235**
[13] A1

[51] **Int.Cl. 7C07C 401/00 7A61P 11/00 7A61P 3/02 7A61P 3/14 7C07F 7/18 7A61K 31/59**
[25] EN
[54] **VITAMIN D3 DERIVATIVES AND TREATING AGENT FOR INFLAMMATORY DISEASE USING SAME**
[54] **DERIVES DE VITAMINE D3 ET AGENT THERAPEUTIQUE CONTRE LES MALADIES INFLAMMATOIRES UTILISANT CES MEMES DERIVES**
[72] GAO, QINGZHI, JP
[72] SOGAWA, RYO, JP
[72] ISHIZUKA, SEIICHI, JP
[72] TAKENOUCI, KAZUYA, JP
[72] MANABE, KENJI, JP
[72] TAKANO, YASUHIRO, JP
[71] TEIJIN LIMITED, JP
[85] 2001-04-23
[86] 1999-10-22 (PCT/JP99/05826)
[87] 2000-05-04 (WO00/24712)
[30] JP (10/302321) 1998-10-23
[30] JP (10/362827) 1998-12-21
[30] JP (10/365207) 1998-12-22
[30] JP (10/365208) 1998-12-22
[30] JP (10/365209) 1998-12-22

[21] **2,348,236**
[13] A1

[51] **Int.Cl. 7C07C 229/58 7A61P 35/00 7A61K 31/10 7A61K 31/185 7A61K 31/21 7C07C 321/30 7A61K 31/325 7A61K 31/44 7C07D 213/60**
[25] EN
[54] **4-ARYLAMINO, 4-ARYLOXY, AND 4-ARYLTHIO DIARYLAMINES AND DERIVATIVES THEREOF AS SELECTIVE MEK INHIBITORS**
[54] **4-ARYLAMINO, 4-ARYLOXY, ET 4-ARYLTHIO DIARYLAMINES ET LEURS DERIVES COMME INHIBITEURS SELECTIFS DE MEK**
[72] BARRETT, STEPHEN DOUGLAS, US
[72] TECLÉ, HAILE, US
[71] WARNER-LAMBERT COMPANY, US
[85] 2001-04-24
[86] 1999-12-19 (PCT/US99/30418)
[87] 2000-07-20 (WO00/41994)
[30] US (60/115,670) 1999-01-13
[30] US (60/122,421) 1999-03-02

[21] **2,348,237**
[13] A1

[51] **Int.Cl. 7A61K 7/16 7A61K 7/18**
[25] EN
[54] **METHODS OF REDUCING THE ASTRINGENCY OF STANNOUS IN DENTIFRICE COMPOSITIONS**
[54] **PROCEDES POUR REDUIRE L'ASTRINGENCE DES COMPOSES STANNEUX DE COMPOSITIONS DE DENTIFRICE**
[72] GLANDORF, WILLIAM MICHAEL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-24
[86] 1999-11-23 (PCT/US99/27810)
[87] 2000-06-08 (WO00/32160)
[30] US (09/203,215) 1998-11-30

[21] **2,348,240**
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 15/11 7C07K 14/415**
[25] EN
[54] **TRANSCRIPTIONAL ACTIVATOR LEC1 NUCLEIC ACIDS, POLYPEPTIDES AND THEIR USES**
[54] **ACIDES NUCLEIQUES, POLYPEPTIDES ACTIVATEURS TRANSCRIPTIONNELS ET LEURS METHODES D'UTILISATION**
[72] KLEIN, THEODORE M., US
[72] LOWE, KEITH S., US
[72] CAHOON, REBECCA E., US
[72] NADIMPALLI, RAMGOPAL, US
[72] SUN, XIFAN, US
[72] GREGORY, CAROLYN ANN, US
[72] GORDON-KAMM, WILLIAM J., US
[72] RASCO-GAUNT, SONRIZA, GB
[72] HOERSTER, GEORGE J., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2001-04-27
[86] 1999-11-09 (PCT/US99/26514)
[87] 2000-05-18 (WO00/28058)
[30] US (60/107,643) 1998-11-09
[30] US (60/107,810) 1998-11-10

[21] **2,348,255**
[13] A1

[51] **Int.Cl. 7B65D 85/57**
[25] EN
[54] **RECORDED MEDIUM CONTAINER AND INFORMATION PROVIDING BODY**
[54] **CONTENANT POUR SUPPORT ENREGISTRE ET CORPS FOURNISSEUR D'INFORMATION**
[72] KUTARAGI, KEN, JP
[72] GOTO, TEIYU, JP
[72] HINO, MARIKO, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
[85] 2001-04-24
[86] 2000-08-25 (PCT/JP00/05764)
[87] 2001-03-01 (WO01/14222)
[30] JP (11/238986) 1999-08-25

[21] **2,348,257**
[13] A1

[51] **Int.Cl. 7G02B 21/00**
[25] EN
[54] **CONFOCAL OPTICAL MICROSCOPE, MAGNIFYING ATTACHMENT THEREFOR AND METHOD OF USE THEREOF**
[54] **MICROSCOPE OPTIQUE CONFOCAL, DISPOSITIF D'AGRANDISSEMENT POUR CE MICROSCOPE ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] AMOS, WILLIAM BRADSHAW, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2001-04-24
[86] 2000-02-18 (PCT/GB00/00572)
[87] 2000-08-31 (WO00/50948)
[30] GB (9904150.1) 1999-02-23

[21] **2,348,259**
[13] A1

[51] **Int.Cl. 7G06F 9/30 7G06F 9/38**
[25] EN
[54] **DATA PROCESSOR**
[54] **PROCESSEUR DE DONNEES**
[72] SATO, TOMOYOSHI, JP
[71] SATO, TOMOYOSHI, JP
[71] IP FLEX INC., JP
[85] 2001-04-24
[86] 2000-08-30 (PCT/JP00/05848)
[87] 2001-03-08 (WO01/16710)
[30] JP (11/244137) 1999-08-30

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[21] **2,348,261**
[13] A1

[51] **Int.Cl. 7G06F 9/30 7G06F 9/38**
[25] EN
[54] **PROGRAM PRODUCT AND DATA PROCESSOR**
[54] **PROGICIEL ET PROCESSEUR DE DONNEES**
[72] SATO, TOMOYOSHI, JP
[71] IP FLEX INC., JP
[71] SATO, TOMOYOSHI, JP
[85] 2001-04-24
[86] 2000-08-30 (PCT/JP00/05849)
[87] 2001-03-08 (WO01/16711)
[30] JP (11/244137) 1999-08-30

[21] **2,348,262**
[13] A1

[51] **Int.Cl. 7G06F 12/00 7G06F 17/30 7H04N 5/445**
[25] EN
[54] **SYSTEM AND METHOD FOR RECORDING RECEIPT OF INFORMATION**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT DE RECEPTION D'INFORMATIONS**
[72] FREIMANN, FELIX, US
[72] MENAND, JEAN-RENE, US
[72] MARCONCINI, STEFANO, US
[71] OPEN TV, INC., US
[85] 2001-04-24
[86] 1999-11-01 (PCT/US99/25735)
[87] 2000-05-18 (WO00/28432)
[30] US (09/189,730) 1998-11-10

[21] **2,348,263**
[13] A1

[51] **Int.Cl. 7B01J 19/32**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING STRUCTURED PACKING ELEMENT**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN ELEMENT DE GARNISSAGE STRUCTURE**
[72] PAIKERT, BETTINA, CH
[72] LLOYD, JONATHAN, CH
[72] GRIFFIN, TIMOTHY, CH
[72] DUBACH, PETER, CH
[72] BUCHI, FRANZ, CH
[72] VOGT, ERNST, CH
[71] ABB LUMMUS GLOBAL, INC., US
[85] 2001-04-24
[86] 1999-10-21 (PCT/US99/24907)
[87] 2000-05-04 (WO00/24506)
[30] US (09/181,186) 1998-10-28

[21] **2,348,266**
[13] A1

[51] **Int.Cl. 6A61B 5/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SIGNAL TRANSMISSION AND DETECTION USING A CONTACT DEVICE**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE SIGNAUX ET DE DETECTION UTILISANT UN DISPOSITIF DE CONTACT**
[72] ABREU, MARCIO MARC AURELIO MARTINS, US
[71] ABREU, MARCIO MARC AURELIO MARTINS, US
[85] 2001-04-24
[86] 1999-11-01 (PCT/US99/23992)
[87] 2000-05-11 (WO00/25662)
[30] US (09/184,127) 1998-11-02

[21] **2,348,267**
[13] A1

[51] **Int.Cl. 7C07D 263/34 7C07D 413/10 7A61K 31/42**
[25] EN
[54] **NOVEL INHIBITORS OF IMPDH ENZYME**
[54] **NOUVEAUX INHIBITEURS DE L'ENZYME IMPDH**
[72] DHAR, T. G. MURALI, US
[72] IWANOWICZ, EDWIN J., US
[72] GU, HENRY H., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2001-04-24
[86] 1999-10-22 (PCT/US99/24889)
[87] 2000-05-11 (WO00/26197)
[30] US (60/106,180) 1998-10-29

[21] **2,348,269**
[13] A1

[51] **Int.Cl. 6C08L 33/12 6C08F 265/06**
[25] EN
[54] **ACRYLIC COMPOSITIONS**
[54] **COMPOSITIONS ACRYLIQUES**
[72] TURBEVILLE, MICHAEL R., US
[72] LEACH, JAMES R., US
[72] FAROOQ, FAREEDUDDIN, US
[72] JANOWICZ, ANDREW H., US
[72] REDFEARN, RICHARD D., US
[71] ICI ACRYLICS INC., US
[85] 2001-04-25
[86] 1999-10-25 (PCT/US99/25133)
[87] 2000-05-04 (WO00/24825)
[30] US (60/105,645) 1998-10-26

[21] **2,348,271**
[13] A1

[51] **Int.Cl. 6G02B 6/26 6H04J 14/02 6G02B 6/293**
[25] EN
[54] **RESONATOR FIBER BIDIRECTIONAL COUPLER**
[54] **COUPLEUR BIDIRECTIONNEL POUR FIBRES OPTIQUES UTILISANT UN RESONATEUR**
[72] HUNZIKER, GUIDO, US
[72] CAI, MING, US
[72] VAHALA, KERRY, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2001-04-26
[86] 1999-11-12 (PCT/US99/26877)
[87] 2000-05-25 (WO00/29886)
[30] US (60/108,358) 1998-11-13

[21] **2,348,274**
[13] A1

[51] **Int.Cl. 6G01R 31/00 6G02F 1/01 6G01R 15/24**
[25] EN
[54] **ELECTRO-OPTIC VOLTAGE SENSOR**
[54] **CAPTEUR DE TENSION ELECTRO-OPTIQUE**
[72] CRAWFORD, THOMAS M., US
[72] SEIFERT, GARY D., US
[72] DAVIDSON, JAMES R., US
[71] LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY, US
[85] 2001-04-26
[86] 1999-08-31 (PCT/US99/19742)
[87] 2000-03-09 (WO00/13033)
[30] US (60/098,794) 1998-09-01

[21] **2,348,275**
[13] A1

[51] **Int.Cl. 6H05K 9/00**
[25] EN
[54] **CASE FOR CIRCUIT BOARD FOR HORIZONTAL OR VERTICAL MOUNTING**
[54] **BOITIER POUR CARTE DE CIRCUIT IMPRIME POUVANT ETRE MONTE HORIZONTALEMENT OU VERTICALEMENT**
[72] ASHDOWN, GLYNN RUSSELL, US
[71] POWER TRENDS, INC., US
[85] 2001-04-26
[86] 1999-10-27 (PCT/US99/25146)
[87] 2000-05-11 (WO00/27178)
[30] US (09/183,612) 1998-10-30

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[21] **2,348,277**
[13] A1

[51] **Int.Cl. 6B23K 26/06**
[25] EN
[54] **ABLATED LASER FEATURE
SHAPE REPRODUCTION CONTROL**
[54] **COMMANDE DE LA
REPRODUCTION DE LA FORME DE
MOTIFS REALISES PAR ABLATION
LASER**

[72] GOVORKOV, SERGEI V., US
[72] BURGHARDT, BERTHOLD, DE
[72] TREADWELL, DANIEL J., US
[72] SHOEMAKER, CURTIS L., US
[71] MICROLAS LASER SYSTEMS
GMBH, DE
[71] LAMBDA PHYSIK GMBH, DE
[71] MINNESOTA MINING AND
MANUFACTURING COMPANY, US
[85] 2001-04-26
[86] 1999-03-31 (PCT/US99/07066)
[87] 2000-06-02 (WO00/30801)
[30] US (09/198,160) 1998-11-23

[21] **2,348,280**
[13] A1

[51] **Int.Cl. 7G01L 5/00 7G01B 7/14**
[25] EN
[54] **NIP WIDTH SENSING SYSTEM
AND METHOD**

[54] **SYSTEME ET PROCEDE DE
DETECTION DE LARGEUR DE
CONTACT DE DEUX ROULEAUX**
[72] MOORE, ROBERT H., US
[72] KENNEDY, WILLIAM B., US
[71] SW PAPER, INC., US
[85] 2001-04-26
[86] 2000-01-18 (PCT/US00/01120)
[87] 2000-08-24 (WO00/49379)
[30] US (09/252,203) 1999-02-18

[21] **2,348,281**
[13] A1

[51] **Int.Cl. 7A61K 31/551 7A61P 25/22**
[25] EN
[54] **USE OF OPTICALLY PURE (R)-
TOFISOPAM FOR TREATING AND
PREVENTING ANXIETY DISORDERS
AND COMPOSITION THEREOF**
[54] **UTILISATION DU TOFISOPAM (R)
OPTIQUEMENT PUR POUR TRAITER
ET PREVENIR LES TROUBLES DE
L'ANXIETE ET SA COMPOSITION**

[72] LANDRY, DONALD W., US
[72] KLEIN, DONALD F., US
[71] VELA PHARMACEUTICALS INC.,
US
[85] 2001-04-26
[86] 1999-10-27 (PCT/US99/25040)
[87] 2000-05-04 (WO00/24400)
[30] US (60/105,803) 1998-10-27

[21] **2,348,282**
[13] A1

[51] **Int.Cl. 6B64D 15/12**
[25] EN
[54] **SYSTEMS AND METHODS FOR
MODIFYING ICE ADHESION
STRENGTH**

[54] **SYSTEMES ET PROCEDES
DESTINES A MODIFIER LE POUVOIR
D'ADHESION DE LA GLACE**
[72] PETRENKO, VICTOR, US
[71] TRUSTEES OF DARTMOUTH
COLLEGE, US
[85] 2001-04-26
[86] 1999-10-26 (PCT/US99/25124)
[87] 2000-05-04 (WO00/24634)
[30] US (60/105,782) 1998-10-27

[21] **2,348,283**
[13] A1

[51] **Int.Cl. 7H04B 1/00 7H04H 1/10**
[25] EN
[54] **METHOD AND APPARATUS FOR
REDUCTION OF FM INTERFERENCE
FOR FM IN-BAND ON-CHANNEL
DIGITAL AUDIO BROADCASTING
SYSTEM**

[54] **PROCEDE ET APPAREIL DE
REDUCTION DES INTERFERENCES
EN MODULATION DE FREQUENCE
DANS UN SYSTEME DE
RADIODIFFUSION NUMERIQUE
INTRABANDE SUR LE CANAL DE
RECEPTION**
[72] BAIRD, JEFFREY SCOTT, US
[72] KROEGER, BRIAN WILLIAM, US
[71] IBIQUITY DIGITAL CORPORATION,
US
[85] 2001-04-26
[86] 1999-10-28 (PCT/US99/25300)
[87] 2000-05-11 (WO00/27040)
[30] US (09/192,555) 1998-11-03

[21] **2,348,285**
[13] A1

[51] **Int.Cl. 7A61K 39/39 7A61K 45/00**
[25] EN
[54] **NOVEL IMMUNOADJUVANTS
[54] NOUVEAUX
IMMUNOADJUVANTS**

[72] ROBERTS, BRYAN E., US
[72] ANDRIANOV, ALEXANDER K., US
[72] JENKINS, SHARON A., US
[72] LOEBELLENZ, JEAN R., US
[71] AVANT IMMUNOTHERAPEUTICS,
INC., US
[85] 2001-04-26
[86] 1999-10-26 (PCT/US99/24214)
[87] 2000-05-11 (WO00/25815)
[30] US (60/106,326) 1998-10-30

[21] **2,348,287**
[13] A1

[51] **Int.Cl. 7B23C 5/10**
[25] EN
[54] **SPHERICAL CUTTING TOOL
[54] OUTIL DE COUPE SPHERIQUE**

[72] LEE, YOUNG BAE, KR
[71] YG-1 CO., LTD., KR
[85] 2001-04-26
[86] 1999-11-09 (PCT/KR99/00671)
[87] 2000-05-25 (WO00/29153)
[30] KR (1998/48441) 1998-11-12

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[21] **2,348,289**
[13] A1
[51] **Int.Cl. 7B65G 69/00**
[25] EN
[54] **POWER-UP VEHICLE RESTRAINT
DE VEHICULE**
[72] HAHN, NORBERT, US
[71] RITE-HITE HOLDING
CORPORATION, US
[85] 2001-04-25
[86] 1999-10-25 (PCT/US99/24842)
[87] 2000-05-04 (WO00/24658)
[30] US (09/178,868) 1998-10-26

[21] **2,348,293**
[13] A1
[51] **Int.Cl. 7C08F 10/00 7C08F 4/70**
[25] EN
[54] **POLYMERISATION CATALYSTS
CATALYSEURS DE
POLYMERISATION**
[72] SPEAKMAN, JOHN GABRIEL, FR
[72] BERARDI, ALAIN, FR
[71] BP CHEMICALS LIMITED, GB
[85] 2001-04-25
[86] 1999-10-21 (PCT/GB99/03502)
[87] 2000-05-04 (WO00/24788)
[30] EP (98430023.6) 1998-10-26

[21] **2,348,294**
[13] A1
[51] **Int.Cl. 6G06F 13/00 6G06F 11/22
6H04L 12/24**
[25] EN
[54] **NETWORK MANAGING SYSTEM
SYSTEME DE GESTION DE
RESEAU**
[72] KUWAHARA, NORIAKI, JP
[71] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[85] 2001-04-25
[86] 1999-07-28 (PCT/JP99/04041)
[87] 2001-02-01 (WO01/08016)

[21] **2,348,295**
[13] A1
[51] **Int.Cl. 7C12N 9/54 7C12N 1/20**
[25] EN
[54] **NOVEL THERMOSTABLE
COLLAGEN-DIGESTING ENZYME,
NOVEL MICROORGANISM
PRODUCING THE ENZYME AND
PROCESS FOR PRODUCING THE
ENZYME**
[54] **NOUVELLE ENZYME
THERMOSTABLE DIGERANT LE
COLLAGENE, NOUVEAU MICRO-
ORGANISME PRODUISANT
L'ENZYME ET METHODE DE
PRODUCTION DE L'ENZYME**
[72] TSURUOKA, NAOKI, JP
[72] NAKAYAMA, TORU, JP
[72] NISHINO, TOKUZO, JP
[72] AKAI, MINORU, JP
[71] JAPAN SCIENCE AND
TECHNOLOGY CORPORATION, JP
[85] 2001-04-25
[86] 1999-11-16 (PCT/JP99/06392)
[87] 2001-03-08 (WO01/16302)
[30] JP (11/242816) 1999-08-30

[21] **2,348,297**
[13] A1
[51] **Int.Cl. 6E21B 10/64**
[25] EN
[54] **RETRACTABLE DRILL BIT
SYSTEM**
[54] **SYSTEME DE TREPAN
ESCAMOTABLE**
[72] MCLEOD, GAVIN, AU
[71] DHT TECHNOLOGIES LIMITED, AU
[85] 2001-04-25
[86] 1999-10-13 (PCT/AU99/00878)
[87] 2000-05-11 (WO00/26498)
[30] AU (PP 6838) 1998-10-29

[21] **2,348,298**
[13] A1
[51] **Int.Cl. 7B01D 15/00 7B01J 4/00**
[25] EN
[54] **A NEW SYSTEM AND ITS UNITS
NOUVEAU SYSTEME ET SES
UNITES**
[72] LEIJON, PATRIK, SE
[72] TARNSTROM, ANDERS, SE
[72] GEBAUER, KLAUS, SE
[71] AMERSHAM PHARMACIA
BIOTECH AB, SE
[85] 2001-04-25
[86] 1999-10-31 (PCT/SE99/01957)
[87] 2000-05-11 (WO00/25883)
[30] SE (9803737-7) 1998-10-31
[30] SE (9803813-6) 1998-11-08

[21] **2,348,299**
[13] A1
[51] **Int.Cl. 7B65H 29/04 7B65H 29/66**
[25] EN
[54] **METHOD OF, AND APPARATUS
FOR, CONVEYING PRINTED
PRODUCTS**
[54] **PROCEDE ET DISPOSITIF
D'ALIMENTATION EN IMPRIMES**
[72] HONEGGER, WERNER, CH
[71] FERAG AG, CH
[85] 2001-04-25
[86] 1999-08-24 (PCT/CH99/00389)
[87] 2000-05-04 (WO00/24660)
[30] CH (2159/98) 1998-10-26

[21] **2,348,300**
[13] A1
[51] **Int.Cl. 7C09J 5/02 7C23C 22/68**
[25] EN
[54] **ADHESIVE BONDING PROCESS
FOR ALUMINIUM AND/OR
ALUMINIUM ALLOY**
[54] **FIXATION PAR COLLAGE POUR
ALUMINIUM ET/OU ALLIAGE EN
ALUMINIUM**
[72] DIXON, DAVID GRAHAM, GB
[71] BAE SYSTEMS PLC, GB
[85] 2001-04-25
[86] 1999-10-27 (PCT/GB99/03549)
[87] 2000-05-18 (WO00/27939)
[30] GB (9824223.3) 1998-11-05

[21] **2,348,302**
[13] A1
[51] **Int.Cl. 7A61K 47/38 7A61K 9/02**
[25] EN
[54] **SUPPOSITORIES
SUPPOSITOIRES**
[72] FUJIMORI, TOMOKO, JP
[72] SUGITA, KIMIKO, JP
[71] TAISHO PHARMACEUTICAL CO.,
LTD., JP
[85] 2001-04-25
[86] 1999-11-17 (PCT/JP99/06405)
[87] 2000-05-25 (WO00/29026)
[30] JP (10/326251) 1998-11-17

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[21] **2,348,365**
[13] A1

[51] **Int.Cl. 7C12N 15/53 7C12N 9/04 7C12P 13/08 7C12N 1/21 7C12Q 1/68**
[25] EN
[54] **NUCLEOTIDE SEQUENCES WHICH CODE FOR THE OPCA GENE**
[54] **SEQUENCES NUCLEOTIDIQUES CODANT POUR LE GENE OPCA**
[72] MORITZ, BERND, DE
[72] STAPELTON, CLIONA, IE
[72] BURKE, KEVIN, IE
[72] MOCKEL, BETTINA, DE
[72] DUNICAN, L/K (deceased), ZZ
[72] EGGELING, LOTHAR, DE
[72] SAHM, HERMANN, DE
[72] MCCORMACK, ASHLING, IE
[72] WEISSENBORN, ANKE, DE
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE
[71] NATIONAL UNIVERSITY OF IRELAND, IE
[71] DEGUSSA AG, DE
[85] 2001-03-08
[86] 2000-07-05 (PCT/EP00/06300)
[87] 2001-01-18 (WO01/04322)
[30] US (60/142,915) 1999-07-09
[30] US (09/531,267) 2000-03-20

[21] **2,348,388**
[13] A1

[51] **Int.Cl. 7C07H 21/02 7A01H 5/00 7C07K 1/00 7C12N 5/04 7C12P 21/06 7C12N 5/14**
[25] EN
[54] **GENE REGULATING CIRCADIAN CLOCK FUNCTION AND PHOTOPERIODISM**
[54] **GENE REGULANT LE FONCTIONNEMENT DE L'HORLOGE INTERNE ET LE PHOTOPERIODISME**
[72] HICKS, KAREN A., US
[72] WAGNER, RY, US
[72] FOSS, HENRIETTE, US
[72] SPENCE, MICHELLE Z., US
[72] ALBERTSON, TINA M., US
[72] PRIGGE, MICHAEL, US
[71] THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUC, US
[85] 2001-02-14
[86] 1999-08-17 (PCT/US99/18747)
[87] 2000-02-24 (WO00/09658)
[30] US (60/096,802) 1998-08-17

[21] **2,348,421**
[13] A1

[51] **Int.Cl. 7C07K 14/00**
[25] EN
[54] **PROTEIN**
[54] **PROTEINE**
[72] RASMUSSEN, MAGNUS, SE
[72] BJORCK, LARS HENRIK, SE
[71] ACTINOVA LIMITED, GB
[85] 2001-05-01
[86] 1999-11-02 (PCT/GB99/03631)
[87] 2000-05-11 (WO00/26240)
[30] GB (9823975.9) 1998-11-02

[21] **2,348,430**
[13] A1

[51] **Int.Cl. 7C07H 21/02**
[25] EN
[54] **OVARY-SPECIFIC GENES AND PROTEINS**
[54] **GENES ET PROTEINES SPECIFIQUES AUX OVAIRES**
[72] MATZUK, MARTIN M., US
[72] WANG, PEI, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2001-04-26
[86] 1999-10-28 (PCT/US99/25209)
[87] 2000-05-04 (WO00/24755)
[30] US (60/106,020) 1998-10-28

[21] **2,348,431**
[13] A1

[51] **Int.Cl. 7C12N 15/25 7A61P 37/02 7C12N 5/10 7A61K 38/20 7C07K 14/545 7C12N 15/62**
[25] EN
[54] **INTERLEUKIN-1 HOMOLOG ZIL1A4**
[54] **HOMOLOGUES ZIL 1A4 D'INTERLEUKINE-1**
[72] GAO, ZEREN, US
[72] WEST, ROBERT R., US
[72] SHEPPARD, PAUL O., US
[71] ZYMOGENETICS, INC., US
[85] 2001-04-27
[86] 1999-10-27 (PCT/US99/25038)
[87] 2000-05-04 (WO00/24899)
[30] US (09/179,614) 1998-10-27

[21] **2,348,447**
[13] A1

[51] **Int.Cl. 7D06M 16/00 7D06L 3/11 7D06L 1/12**
[25] EN
[54] **BIOPREPARATION OF TEXTILES AT HIGH TEMPERATURES**
[54] **BIOPREPARATION DE TEXTILES A HAUTES TEMPERATURES**
[72] SCHULEIN, MARTIN, DK
[72] LANGE, NIELS ERIK KREBS, US
[72] BJORNVAD, MADS, DK
[72] HUSAIN, PHILIP ANWAR, US
[72] KONGSBK, LARS, DK
[71] NOVOZYMES A/S, DK
[71] NOVOZYMES NORTH AMERICA, INC., US
[85] 2001-05-01
[86] 1999-10-27 (PCT/US99/24489)
[87] 2000-05-11 (WO00/26464)
[30] US (09/184,217) 1998-11-02

[21] **2,348,448**
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C12P 13/06 7C12P 13/08 7C12P 13/22 7C12N 15/62 7C12Q 1/68**
[25] EN
[54] **NUCLEOTIDE SEQUENCES FOR THE TAL GENE**
[54] **SEQUENCES NUCLEOTIDIQUES POUR LE GENE TAL**
[72] BURKE, KEVIN, IE
[72] DUNICAN, L/K (DECEASED), ZZ
[72] STAPELTON, CLIONA, IE
[72] MOCKEL, BETTINA, DE
[72] MCCORMACK, ASHLING, IE
[71] DEGUSSA AG, DE
[71] NATIONAL UNIVERSITY OF IRELAND, IE
[85] 2001-03-08
[86] 2000-07-05 (PCT/EP00/06304)
[87] 2001-01-18 (WO01/04325)
[30] US (60/142,915) 1999-07-09
[30] US (09/531,266) 2000-03-20

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[21] **2,348,489**
[13] A1
[51] **Int.Cl. 7H01R 13/523 7E21B 33/038**
[25] EN
[54] **ELECTRICAL CONNECTOR SYSTEM**
[54] **SYSTEME DE CONNECTEUR ELECTRIQUE**
[72] WEBSTER, WILLIAM GEORGE
NIGEL PARKINSON, GB
[72] EDWARDS, JEFFREY CHARLES, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2001-04-27
[86] 1999-10-28 (PCT/GB99/03567)
[87] 2000-05-11 (WO00/26998)
[30] GB (9826630.7) 1998-10-30

[21] **2,348,490**
[13] A1
[51] **Int.Cl. 7H04L 12/24 7H04L 29/12 7G06F 17/30**
[25] EN
[54] **SERVER MANAGER**
[54] **GESTIONNAIRE DE SERVEURS**
[72] WATERS, GLENN, CA
[71] NORTEL NETWORKS LIMITED, CA
[85] 2001-04-27
[86] 1999-10-29 (PCT/IB99/01873)
[87] 2000-05-11 (WO00/26806)
[30] US (09/182,949) 1998-10-29

[21] **2,348,493**
[13] A1
[51] **Int.Cl. 7A61L 27/18 7C12M 3/00 7C08L 83/04 7A61L 29/06 7C12M 3/06 7C08J 9/26 7A61L 15/26**
[25] EN
[54] **TEXTURED AND POROUS SILICONE RUBBER**
[54] **CAOUTCHOUC DE SILICONE POREUX ET TEXTURE**
[72] PEGG, DAVID, GB
[72] CLAYSON, TONY, GB
[72] FULLER, JESS PAUL, GB
[72] CLIFFORD, TIMOTHY BURGESS, GB
[72] BIRD, ROBERT MCLEAN, GB
[71] ASHBY SCIENTIFIC LIMITED, GB
[85] 2001-04-27
[86] 1999-10-28 (PCT/GB99/03558)
[87] 2000-05-04 (WO00/24437)
[30] GB (9823446.1) 1998-10-28
[30] GB (9912641.9) 1999-05-28

[21] **2,348,496**
[13] A1
[51] **Int.Cl. 7G08B 13/193**
[25] EN
[54] **MOTION DETECTORS AND OCCUPANCY SENSORS WITH IMPROVED SENSITIVITY, ANGULAR RESOLUTION AND RANGE**
[54] **DETECTEURS DE MOUVEMENT ET CAPTEURS DE PRESENCE POSSEDANT DE MEILLEURES CARACTERISTIQUES DE SENSIBILITE, DE RESOLUTION ANGULAIRE ET DE PORTEE**
[72] BARONE, STEPHEN, US
[71] ELECTRO-OPTIC TECHNOLOGIES, LLC, US
[85] 2001-04-27
[86] 1999-10-27 (PCT/US99/25161)
[87] 2000-05-11 (WO00/26879)
[30] US (60/106,323) 1998-10-30
[30] US (60/143,209) 1999-07-09

[21] **2,348,497**
[13] A1
[51] **Int.Cl. 7E02D 5/14 7E02B 5/02**
[25] EN
[54] **STRUCTURE FORMING METHOD, APPARATUS AND PRODUCT**
[54] **PROCEDE, APPAREIL ET PRODUIT DE FORMATION D'UNE STRUCTURE**
[72] PAYNE, LEROY, US
[71] PAYNE, LEROY, US
[85] 2001-04-27
[86] 1999-09-20 (PCT/US99/21675)
[87] 2000-05-11 (WO00/26478)
[30] US (PCT/US98/23034) 1998-10-30

[21] **2,348,498**
[13] A1
[51] **Int.Cl. 6B32B 31/06 6B29C 44/00 6B32B 31/08**
[25] EN
[54] **STRUCTURE FORMING METHOD, APPARATUS AND PRODUCT**
[54] **PROCEDE, APPAREIL DE FORMAGE D'UNE STRUCTURE ET ARTICLE**
[72] PAYNE, LEROY, US
[71] PAYNE, LEROY, US
[85] 2001-04-27
[86] 1998-10-30 (PCT/US98/23034)
[87] 2000-11-02 (WO00/64673)

[21] **2,348,499**
[13] A1
[51] **Int.Cl. 7A23L 1/059 7A23L 1/30 7A23L 1/304 7A61K 7/48**
[25] EN
[54] **USE OF CALCAREOUS MATERIAL FOR FOODSTUFF AND COSMETIC MATERIAL**
[54] **COMPOSITIONS DE PRODUITS ALIMENTAIRES**
[72] ASSOUMANI, MOHAMED BAKRI, IE
[71] AQUACAL LIMITED, IE
[85] 2001-04-27
[86] 1999-10-29 (PCT/GB99/03580)
[87] 2000-05-11 (WO00/25602)
[30] GB (9823885.0) 1998-10-30

[21] **2,348,500**
[13] A1
[51] **Int.Cl. 7H01R 13/646**
[25] EN
[54] **METHOD FOR PRODUCING AN ELECTRIC CONNECTOR AND A CONNECTOR PRODUCED ACCORDING TO THIS METHOD**
[54] **PROCEDE DE PRODUCTION D'UN CONNECTEUR ELECTRIQUE ET CONNECTEUR PRODUIT SELON CE PROCEDE**
[72] GLAUSER, PETER, CH
[71] HUBER + SUHNER AG, CH
[85] 2001-04-27
[86] 1999-10-25 (PCT/CH99/00502)
[87] 2000-05-04 (WO00/25391)
[30] CH (2174/98) 1998-10-27

[21] **2,348,501**
[13] A1
[51] **Int.Cl. 7B64C 1/40 7F16L 59/02**
[25] EN
[54] **INSULATING ARRANGEMENT FOR THE INNER INSULATION OF AN AIRCRAFT**
[54] **STRUCTURE ISOLANTE POUR ISOLATION INTERIEURE D'UN AERONEF**
[72] LUETJENS, HEIKO, DE
[72] TURANSKI, PETRA, DE
[72] WITSCHKE, MATTHIAS, DE
[72] MUELLER, RAINER, DE
[72] SCHMITZ, GERHARD, DE
[71] DAIMLERCHRYSLER AEROSPACE AIRBUS GMBH, DE
[85] 2001-04-27
[86] 1999-10-28 (PCT/DE99/03438)
[87] 2000-05-04 (WO00/24632)
[30] DE (198 49 696.6) 1998-10-28

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,348,512 [13] A1</p> <p>[51] Int.Cl. 7H02H 3/12 [25] EN [54] ELECTRIC CABLE WITH PROTECTIVE DEVICE [54] CABLE ELECTRIQUE AVEC DISPOSITIF DE PROTECTION [72] MAY, HARRY STANLEY, GB [71] NORTHERN ELECTRIC DISTRIBUTION LTD, GB [85] 2001-04-26 [86] 1999-10-25 (PCT/GB99/03525) [87] 2000-05-04 (WO00/25406) [30] GB (9823527.8) 1998-10-27</p>	<p style="text-align: right;">[21] 2,348,515 [13] A1</p> <p>[51] Int.Cl. 6B32B 31/28 6G01J 1/08 [25] EN [54] A SPIRAL-SHAPED LAMP FOR UV CURING OF COATINGS AND BONDING FOR A DIGITAL VERSATILE DISK (DVD) OR COMPACT DISK (CD) [54] LAMPE EN FORME DE SPIRALE POUR SECHAGE ULTRAVIOLET DE REVETEMENTS ET FIXATION D'UN DVD OU D'UN CD [72] PANICO, RICHARD C., US [71] XENON CORPORATION, US [85] 2001-04-26 [86] 1999-11-04 (PCT/US99/26188) [87] 2000-05-11 (WO00/26029) [30] US (60/107,057) 1998-11-04</p>	<p style="text-align: right;">[21] 2,348,518 [13] A1</p> <p>[51] Int.Cl. 7D01F 6/04 [25] EN [54] HIGHLY ORIENTED POLYOLEFIN FIBRE [54] FIBRES DE POLYOLEFINE FORTEMENT ORIENTEES [72] SIMMELINK, JOSEPH ARNOLD PAUL MARIA, NL [72] MENCKE, JACOBUS JOHANNES, NL [71] DSM N.V., NL [85] 2001-04-26 [86] 1999-02-24 (PCT/NL99/00099) [87] 2000-05-04 (WO00/24952) [30] NL (1010413) 1998-10-28</p>
<p style="text-align: right;">[21] 2,348,513 [13] A1</p> <p>[51] Int.Cl. 7A61F 13/15 [25] EN [54] WRAPPED SANITARY NAPKIN WITH IMPROVED FLAP DISPOSITION [54] CONDITIONNEMENT D'UNE SERVIETTE HYGIENIQUE AVEC POSITIONNEMENT AMELIORE DES RABATS [72] BORBACH, MARKUS, DE [72] HIRSCH, UWE THOMAS MICHAEL HORST, DE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-26 [86] 1999-10-22 (PCT/US99/24940) [87] 2000-05-11 (WO00/25713) [30] EP (98120610.5) 1998-11-02 [30] EP (98124198.7) 1998-12-21</p>	<p style="text-align: right;">[21] 2,348,516 [13] A1</p> <p>[51] Int.Cl. 6D21C 11/06 6D21C 11/10 [25] EN [54] METHOD OF PRODUCING PROCESS STEAM FROM A BLACK LIQUOR [54] PROCEDE DE PRODUCTION DE LA VAPEUR INDUSTRIELLE A PARTIR DE BOUE NOIRE [72] SNEKKENES, VIDAR, SE [72] GUSTAVSSON, LENNART, SE [72] NYSTROM, PER, SE [71] KVAERNER PULPING AKTIEBOLAG, SE [85] 2001-04-26 [86] 1998-11-09 (PCT/SE98/02014) [87] 2000-05-18 (WO00/28136)</p>	<p style="text-align: right;">[21] 2,348,519 [13] A1</p> <p>[51] Int.Cl. 7D06C 5/00 [25] EN [54] STRETCHER FOR TUBULAR FABRIC WITH MAGNETIC ATTRACTION [54] DISPOSITIF D'ETIRAGE POUR TISSU TUBULAIRE AVEC ATTRACTION MAGNETIQUE [72] FERRARO, GIANCARLO, IT [72] MILANESE, RENZO, IT [71] FERRARO S.P.A., IT [85] 2001-04-26 [86] 1999-10-28 (PCT/IT99/00344) [87] 2000-05-11 (WO00/26459) [30] IT (MI98A002373) 1998-11-04</p>
<p style="text-align: right;">[21] 2,348,514 [13] A1</p> <p>[51] Int.Cl. 7A61K 35/12 7A61K 48/00 7C12N 5/00 7C12N 15/00 7A01K 67/027 7A61K 35/28 [25] EN [54] IN UTERO TRANSPLANTATION OF HUMAN MESENCHYMAL STEM CELLS [54] TRANSPLANTATION INTRA-UTERINE DE CELLULES EMBRYONNAIRES MESENCHYMATEUSES HUMAINES [72] THIEDE, MARK, US [72] FLAKE, ALAN, US [71] OSIRIS THERAPEUTICS, INC., US [85] 2001-04-26 [86] 1999-11-12 (PCT/US99/26927) [87] 2000-05-25 (WO00/29002) [30] US (60/108,357) 1998-11-13</p>	<p style="text-align: right;">[21] 2,348,517 [13] A1</p> <p>[51] Int.Cl. 7C11D 17/00 7C11D 3/02 7C11D 3/34 7C11D 1/40 7C11D 1/62 7C11D 1/75 7C11D 1/90 7C11D 1/92 [25] EN [54] LIQUID CLEANING AGENT OR DETERGENT COMPOSITION [54] COMPOSITION DE LESSIVE OU DE DETERGENT LIQUIDE [72] ENDLEIN, EDGAR, DE [72] KOSUB, MIKE, DE [72] HARY, ALEXANDRA, DE [72] GIBIS, KARL-LUDWIG, DE [72] KAISER, ROGER, DE [71] RECKITT BENCKISER N.V., NL [85] 2001-04-26 [86] 1999-10-20 (PCT/EP99/07951) [87] 2000-05-04 (WO00/24852) [30] DE (198 49 247.2) 1998-10-26</p>	<p style="text-align: right;">[21] 2,348,520 [13] A1</p> <p>[51] Int.Cl. 7C02F 3/12 7C02F 3/08 7C02F 3/10 [25] EN [54] NITRIFICATION PROCESS [54] PROCEDE DE NITRIFICATION [72] DEMPSEY, MICHAEL JOHN, GB [71] THE MANCHESTER METROPOLITAN UNIVERSITY, GB [85] 2001-04-26 [86] 1999-10-26 (PCT/GB99/03542) [87] 2000-05-04 (WO00/24682) [30] GB (9823496.6) 1998-10-27</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,348,521 [13] A1</p> <p>[51] Int.Cl. 7B01J 49/00 7C08F 6/00 [25] EN [54] SUPERCritical CARBON DIOXIDE EXTRACTION OF CONTAMINANTS FROM ION EXCHANGE RESINS [54] EXTRACTION PAR DIOXYDE DE CARBONE SUPERCRITIQUE DES IMPURETES ISSUES DE RESINES ECHANGEUSES D'IONS [72] DIAS, SHELTON A., CA [72] SHAPKA, WALTER, CA [71] ONTARIO POWER GENERATION INC., CA [85] 2001-04-26 [86] 2000-05-17 (PCT/CA00/00578) [87] 2000-11-23 (WO00/69559) [30] US (09/312,050) 1999-05-17</p>	<p style="text-align: right;">[21] 2,348,524 [13] A1</p> <p>[51] Int.Cl. 6B60Q 1/00 6G09F 21/04 6G08G 1/123 6B60Q 1/22 6B60Q 1/26 6B60Q 1/50 [25] EN [54] MOBILE DISPLAY SYSTEM [54] SYSTEME D'AFFICHAGE MOBILE [72] COHEN, EYAL, US [71] ADAPT MEDIA, INC., US [85] 2001-04-26 [86] 1999-10-29 (PCT/US99/25471) [87] 2000-05-11 (WO00/26062) [30] US (09/185,061) 1998-11-03</p>	<p style="text-align: right;">[21] 2,348,527 [13] A1</p> <p>[51] Int.Cl. 7G01N 21/64 [25] EN [54] METHOD FOR NON-INVASIVE IMAGING OXYGEN DISTRIBUTION IN MULTI-DIMENSIONS AND APPARATUS THEREFOR [54] TECHNIQUE NON INVASIVE D'IMAGERIE DE LA DISTRIBUTION MULTIDIMENSIONNELLE D'OXYGENE, ET SON DISPOSITIF [72] WILSON, DAVID F., US [72] VINOGRADOV, SERGEI A., US [71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US [85] 2001-04-26 [86] 1999-11-01 (PCT/US99/25723) [87] 2000-05-11 (WO00/26643) [30] US (09/183,235) 1998-10-30</p>
<p style="text-align: right;">[21] 2,348,522 [13] A1</p> <p>[51] Int.Cl. 7G01N 33/20 [25] EN [54] ASSAYING [54] ANALYSE [72] BRITS, WILLEM HENDRIK, ZA [71] FERSTOL INVEST AND TRADE INC., VG [85] 2001-04-26 [86] 1999-10-29 (PCT/IB99/01747) [87] 2000-05-11 (WO00/26664) [30] ZA (98/9866) 1998-10-29 [30] ZA (98/9867) 1998-10-29 [30] ZA (99/1831) 1999-03-08</p>	<p style="text-align: right;">[21] 2,348,525 [13] A1</p> <p>[51] Int.Cl. 6H04L 12/56 [25] EN [54] FRAME BASED QUALITY OF SERVICE [54] QUALITE DE SERVICE AXEE SUR DES TRAMES [72] BARBAS, STEVE N., US [72] HOMBERG, MICHAEL J., US [71] FUJITSU NETWORK COMMUNICATIONS, INC., US [85] 2001-04-26 [86] 1999-10-26 (PCT/US99/24209) [87] 2000-05-04 (WO00/25484) [30] US (60/105,825) 1998-10-27</p>	<p style="text-align: right;">[21] 2,348,528 [13] A1</p> <p>[51] Int.Cl. 7G07F 7/10 7G06F 1/00 7G06F 12/14 [25] EN [54] SECURE MEMORY EXPANSION OF AN IC PORTABLE DEVICE [54] EXTENSION SECURISEE DE LA MEMOIRE D'UN DISPOSITIF PORTATIF A CIRCUIT INTEGRE [72] DURANT, PIERRE, CA [71] MOTUS TECHNOLOGIES INC., CA [85] 2001-04-26 [86] 1999-10-29 (PCT/CA99/01011) [87] 2000-05-11 (WO00/26866) [30] CA (2,250,499) 1998-10-30</p>
<p style="text-align: right;">[21] 2,348,523 [13] A1</p> <p>[51] Int.Cl. 7A61M 25/00 [25] EN [54] FINISHING TECHNIQUE FOR A GUIDING CATHETER [54] TECHNIQUE DE FINITION D'UNE SONDRE PORTEUSE [72] PARKER, FRED T., US [71] COOK INCORPORATED, US [85] 2001-04-26 [86] 1999-12-16 (PCT/US99/29962) [87] 2000-06-22 (WO00/35527) [30] US (60/112,491) 1998-12-16</p>	<p style="text-align: right;">[21] 2,348,526 [13] A1</p> <p>[51] Int.Cl. 7C07D 413/06 7C07D 249/04 [25] EN [54] PROCESS FOR THE PREPARATION OF 2-(R)-(1-(R)-(3,5-BIS (TRIFLUOROMETHYL) PHENYL)ETHOXY) -4-((5-DIMETHYLAMINOMETHYL) -1,2,3-TRIAZOL -4-YL)METHYL) -3-(S)-(4-FLUOROPHENYL) MORPHOLINE [54] PROCEDE DE PREPARATION DE 2-(R)-(1-(R)-(3,5-BIS (TRIFLUOROMETHYL) PHENYL)ETHOXY) -4-((5-DIMETHYLAMINOMETHYL) -1,2,3-TRIAZOL -4-YL)METHYL) -3-(S)-(4-FLUOROPHENYL) MORPHOLINE [72] CAI, DONGWEI, US [72] KOWAL, JASON, US [72] JOURNET, MICHEL, US [72] LARSEN, ROBERT D., US [71] MERCK & CO., INC., US [85] 2001-04-26 [86] 1999-10-26 (PCT/US99/25080) [87] 2000-05-11 (WO00/26215) [30] US (60/106,291) 1998-10-30</p>	<p style="text-align: right;">[21] 2,348,529 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/00 7A61P 5/00 7A61P 7/00 7A61P 11/00 7A61P 35/00 7A61K 31/02 7A61P 3/06 7A61P 31/12 7A61K 31/122 7A61K 31/343 7A61K 31/407 7G01N 33/48 7A61P 5/48 7C12Q 1/48 [25] EN [54] CONDUCTANCE OF IMPROPERLY FOLDED PROTEINS THROUGH THE SECRETORY PATHWAY [54] CONDUCTANCE DE PROTEINES MAL REPLIEES DANS LA VOIE SECRETOIRE [72] CAPLAN, MICHAEL J., US [72] EGAN, MARIE E., US [71] YALE UNIVERSITY, US [85] 2001-04-26 [86] 1999-10-27 (PCT/US99/25221) [87] 2000-05-04 (WO00/24391) [30] US (60/105,806) 1998-10-27</p>

Demandes PCT entrant en phase nationale

[21] **2,348,530**
[13] A1

[51] **Int.Cl. 6C07D 403/12 6C07D 401/12 6A61K 31/435 6A61K 31/495**
[25] EN
[54] **THROMBIN INHIBITORS**
[54] **INHIBITEURS DE LA THROMBINE**
[72] STANTON, MATTHEW G., US
[72] SANDERSON, PHILIP E., US
[72] DORSEY, BRUCE, US
[72] LYLE, TERRY, US
[72] NAYLOR-OLSEN, ADEL M., US
[71] MERCK & CO., INC., US
[85] 2001-04-26
[86] 1999-10-26 (PCT/US99/25041)
[87] 2000-05-11 (WO00/26210)
[30] US (60/106,294) 1998-10-30

[21] **2,348,543**
[13] A1

[51] **Int.Cl. 7A61K 31/4045 7A61K 31/166 7A61K 31/4196 7A61K 31/445**
[25] EN
[54] **5HT1 RECEPTOR AGONISTS AND METOCLOPRAMIDE FOR THE TREATMENT OF MIGRAINE**
[54] **AGONISTES DE RECEPTEUR DE 5HT1 ET METOCLOPRAMIDE POUR LE TRAITEMENT DE LA MIGRAINE**
[72] SANDS, GEORGE HARRY, US
[71] PFIZER PRODUCTS INC., US
[85] 2001-04-27
[86] 1999-10-18 (PCT/IB99/01694)
[87] 2000-05-11 (WO00/25778)
[30] US (60/106,328) 1998-10-30

[21] **2,348,546**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **METHOD AND SYSTEM FOR SHIPPING/MAILING**
[54] **PROCEDE ET SYSTEME DE TRANSPORT/EXPEDITION**
[72] DUTTA, RANA, US
[72] ROSEN, RICHARD H., US
[72] LEIRER, THOMAS C., US
[72] ESKANDARI, FETNEH, US
[72] MATTERN, JAMES M., US
[71] ASCOM HASLER MAILING SYSTEMS, INC., US
[85] 2001-04-27
[86] 1999-10-29 (PCT/US99/25508)
[87] 2000-05-11 (WO00/26842)
[30] US (60/106,066) 1998-10-29

[21] **2,348,531**
[13] A1

[51] **Int.Cl. 7F02B 77/04 7F02B 51/04 7F02M 27/04**
[25] EN
[54] **CLEANER FOR COMBUSTION SYSTEMS AND CATALYTIC CONVERTERS**
[54] **DISPOSITIF DE NETTOYAGE POUR SYSTEMES DE COMBUSTION ET CONVERTISSEURS CATALYTIQUES**
[72] COLT, RICHARD HERBERT, CA
[72] CAMPAGNA, MARC JEAN, CA
[71] COLT, RICHARD HERBERT, CA
[71] CAMPAGNA, MARC JEAN, CA
[85] 2001-04-26
[86] 1999-06-01 (PCT/CA99/00504)
[87] 2000-05-04 (WO00/25008)
[30] US (60/105,995) 1998-10-28

[21] **2,348,544**
[13] A1

[51] **Int.Cl. 7C23C 22/68 7C23C 22/02**
[25] EN
[54] **DERIVATIZED METALLIC SURFACES, COMPOSITES OF FUNCTIONALIZED POLYMERS WITH SUCH METALLIC SURFACES AND PROCESSES FOR FORMATION THEREOF**
[54] **SURFACES METALLIQUES DERIVATISEES, COMPOSITES DE POLYMERES FONCTIONALISES DOTES DESDITES SURFACES METALLIQUES ET PROCEDE DE FORMATION DESDITES SURFACES**
[72] VAN ALSTEN, JOHN GREGG, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-04-27
[86] 1998-11-16 (PCT/US98/24508)
[87] 2000-05-25 (WO00/29639)

[21] **2,348,548**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHOD FOR DNA- OR RNA- SEQUENCING**
[54] **PROCEDE POUR LA DETERMINATION DE SEQUENCES D'ADN ET D'ARN**
[72] SEEGER, STEFAN, DE
[71] MOLECULAR MACHINES & INDUSTRIES GMBH, DE
[85] 2001-04-23
[86] 1999-09-29 (PCT/EP99/07209)
[87] 2000-04-06 (WO00/18956)
[30] DE (198 44 931.3) 1998-09-30

[21] **2,348,542**
[13] A1

[51] **Int.Cl. 7H04B 7/005**
[25] EN
[54] **VARIABLE LOOP GAIN IN DOUBLE LOOP POWER CONTROL SYSTEMS**
[54] **GAIN DE BOUCLE VARIABLE POUR SYSTEMES DE REGULATION DE PUISSANCE A DOUBLE BOUCLE**
[72] SCHIFF, LEONARD N., US
[71] QUALCOMM INCORPORATED, US
[85] 2001-04-27
[86] 1999-10-26 (PCT/US99/25142)
[87] 2000-05-11 (WO00/27045)
[30] US (09/183,388) 1998-10-29

[21] **2,348,545**
[13] A1

[51] **Int.Cl. 7G01N 33/68 7C07K 14/47**
[25] EN
[54] **A COMPLEX OF A CHAPERONE WITH .BETA.-AMYLOID AND METHODS EMPLOYING THIS COMPLEX**
[54] **COMPLEXE CHAPERON AVEC UN .BETA.-AMYLOIDE ET METHODES D'UTILISATIONS ASSOCIEES**
[72] HOLTZMAN, JORDAN L., US
[71] HOLTZMAN, JORDAN L., US
[85] 2001-04-27
[86] 1999-10-29 (PCT/US99/25593)
[87] 2000-05-11 (WO00/26251)
[30] US (60/106,398) 1998-10-30
[30] US (60/123,564) 1999-03-10

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[21] **2,348,549**
[13] A1

[51] **Int.Cl. 6D05B 11/00**
[25] EN
[54] **WEB-FED CHAIN-STITCH SINGLE-NEEDLE MATTRESS COVER QUILTER WITH NEEDLE DEFLECTION COMPENSATION**
[54] **MATELASSEUSE POUR HOUSSE DE MATELAS A AIGUILLE UNIQUE ET A BOBINE PERMETTANT D'EXECUTER DES POINTS DE CHAINETTE ET COMPRENANT UN SYSTEME DE CORRECTION DE LA DEVIATION DE L'AIGUILLE**
[72] FRAZER, JAMES T., US
[72] LEAVIS, GLENN E., US
[72] BULNES, ROLAND, US
[72] BONDANZA, JAMES, US
[72] KAETTERHENRY, JEFF, US
[72] MYERS, TERRANCE L., US
[71] L & P PROPERTY MANAGEMENT COMPANY, US
[85] 2001-04-23
[86] 1999-11-08 (PCT/US99/26315)
[87] 2000-05-18 (WO00/28124)
[30] US (09/189,656) 1998-11-10

[21] **2,348,550**
[13] A1

[51] **Int.Cl. 7G06K 17/00 7G10L 19/00 7G10K 15/02 7H01R 13/629**
[25] EN
[54] **RECORDING AND/OR REPRODUCING DEVICE AND METHOD FOR LOADING STORAGE MEDIUM**
[54] **DISPOSITIF ET PROCEDE D'ENREGISTREMENT ET/OU DE REPRODUCTION POUR LE CHARGEMENT D'UN SUPPORT D'INFORMATION**
[72] OGAWA, TAIZO, JP
[72] SHIOMOTO, SHINJI, JP
[71] SONY CORPORATION, JP
[85] 2001-04-23
[86] 2000-08-18 (PCT/JP00/05559)
[87] 2001-03-01 (WO01/15068)
[30] JP (11/237621) 1999-08-24
[30] JP (11/350861) 1999-12-09

[21] **2,348,551**
[13] A1

[51] **Int.Cl. 7C11D 3/37 7C11D 3/00 7C11D 17/04 7C11D 1/28 7C11D 1/82**
[25] EN
[54] **WRINKLE REDUCTION LAUNDRY PRODUCT COMPOSITIONS**
[54] **COMPOSITIONS POUR PRODUIT DE BLANCHISSAGE ATTENUANT LA FROISSABILITE DU TISSU**
[72] MURPHY, DENNIS STEPHEN, US
[72] FOX, DANIEL JOSEPH, US
[72] MEYER, FRANCOISE FREDERICKS, US
[71] UNILEVER PLC, GB
[85] 2001-04-24
[86] 1999-10-21 (PCT/EP99/08320)
[87] 2000-05-04 (WO00/24853)
[30] US (60/105,887) 1998-10-27
[30] US (09/293,323) 1999-04-16

[21] **2,348,552**
[13] A1

[51] **Int.Cl. 7H01H 71/70**
[25] EN
[54] **ACTUATOR FOR REMOTE OPERATION OF A CIRCUIT BREAKER**
[54] **MECANISME DE TELECOMMANDE POUR DISJONCTEUR**
[72] GREGORY, OWEN ROSS, NZ
[72] MCKINNON, BRUCE RAYMOND, NZ
[71] TYCO ELECTRONICS LOGISTICS AG, CH
[85] 2001-04-24
[86] 1999-11-08 (PCT/NZ99/00182)
[87] 2000-05-18 (WO00/28565)
[30] NZ (332731) 1998-11-10

[21] **2,348,553**
[13] A1

[51] **Int.Cl. 7A47C 20/04 7A47C 20/08**
[25] EN
[54] **ARTICULATING BED FRAME**
[54] **CHALIT ARTICULE**
[72] HENSLEY, DAVID W., US
[71] PATMARK COMPANY, INC., US
[85] 2001-04-24
[86] 1999-12-15 (PCT/US99/29699)
[87] 2000-06-29 (WO00/36952)
[30] US (60/112,961) 1998-12-18

[21] **2,348,555**
[13] A1

[51] **Int.Cl. 7C11D 3/39 7C07D 211/56 7C07D 211/94**
[25] EN
[54] **WASHING AND CLEANING METHOD**
[54] **PROCEDES DE LAVAGE ET DE NETTOYAGE**
[72] PAULY, JORG, DE
[72] HEGETSCHWEILER, KASPAR, DE
[72] HAZENKAMP, MENNO, CH
[72] BACHMANN, FRANK, DE
[72] DANNACHER, JOSEF, CH
[72] SCHLINGLOFF, GUNTHER, CH
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2001-04-24
[86] 1999-10-19 (PCT/EP99/07892)
[87] 2000-05-11 (WO00/26332)
[30] EP (98811091.2) 1998-10-30

[21] **2,348,556**
[13] A1

[51] **Int.Cl. 7G02B 6/28 7G02B 6/32**
[25] EN
[54] **MULTIPLE PORT, FIBER OPTIC COUPLING DEVICE**
[54] **COUPLEUR DE FIBRES OPTIQUES MULTI-PORT**
[72] ZHANG, B. BARRY, US
[72] LU, LIANG-JU, US
[71] ADC TELECOMMUNICATIONS, INC., US
[85] 2001-04-24
[86] 1999-10-19 (PCT/US99/24379)
[87] 2000-05-04 (WO00/25162)
[30] US (09/181,145) 1998-10-27

[21] **2,348,557**
[13] A1

[51] **Int.Cl. 7C07D 495/04 7C07D 221/00 7C07D 239/00 7C07D 333/00 7C07D 471/04 7C07C 257/18 7C07C 251/24 7A01N 43/54 7A01N 43/90 7C07D 239/94 7C07D 239/95**
[25] EN
[54] **PYRIMIDIN-4-ENAMINE AS FUNGICIDE**
[54] **PYRIMIDIN-4-ENAMINE UTILISEE COMME FONGICIDE**
[72] WALTER, HARALD, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2001-04-24
[86] 1999-11-04 (PCT/EP99/08447)
[87] 2000-06-02 (WO00/31082)
[30] GB (9824332.2) 1998-11-06
[30] GB (9824906.3) 1998-11-13

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,348,558 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/39 [25] EN [54] ENDOCARDIAL CATHETER SYSTEM FOR WAVELENGTH MEASUREMENT, MAPPING AND ABLATION [54] SYSTEME DE CATHETER ENDOCARDIAQUE PERMETTANT DE MESURER UNE LONGUEUR D'ONDE, D'EFFECTUER UN MAPPAGE ET DE PRATIQUER UNE ABLATION [72] ABDOL MOHAMMADI, AKBAR, FR [71] ABDOL MOHAMMADI, AKBAR, FR [85] 2001-04-25 [86] 1998-10-31 (PCT/IB98/01737) [87] 2000-05-11 (WO00/25685)</p>	<p style="text-align: right;">[21] 2,348,562 [13] A1</p> <p>[51] Int.Cl. 6B65D 39/00 [25] EN [54] CAP WITH ANGLED UPPER SKIRT [54] CAPUCHON A JUPE SUPERIEURE INCLINEE [72] VERDERBER, RUDOLPH R., US [71] PORTOLA PACKAGING, INC., US [85] 2001-04-24 [86] 1999-11-04 (PCT/US99/26200) [87] 2000-05-11 (WO00/26104) [30] US (09/186,406) 1998-11-04</p>	<p style="text-align: right;">[21] 2,348,566 [13] A1</p> <p>[51] Int.Cl. 7C08G 18/10 7C08G 18/48 [25] EN [54] POLYURETHANE PREPOLYMERS HAVING ALKOXYSILANE END GROUPS, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE FOR THE PRODUCTION OF SEALANTS [54] POLYURETHANPREPOLYMERES AYANT DES GROUPES TERMINAUX D'ALCOXYSILANE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR PRODUIRE DES MATIERES D'ETANCHEITE [72] LEMMERZ, RALF, DE [72] WILMES, OSWALD, DE [72] SCHMALSTIEG, LUTZ, DE [72] WALTER, ULRICH (DECEASED), DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2001-04-25 [86] 1999-10-18 (PCT/EP99/07883) [87] 2000-05-11 (WO00/26271) [30] DE (198 49 817.9) 1998-10-29</p>
<p style="text-align: right;">[21] 2,348,559 [13] A1</p> <p>[51] Int.Cl. 7E21B 19/22 7E21B 43/08 7E21B 43/10 7B65H 75/34 [25] EN [54] METHOD FOR TRANSPORTING AND INSTALLING AN EXPANDABLE STEEL TUBULAR [54] PROCEDE DE TRANSPORT ET D'INSTALLATION D'UN TUBE EN ACIER TELESCOPIQUE [72] LOHBECK, WILHELMUS CHRISTIANUS MARIA, NL [71] SHELL CANADA LIMITED, CA [85] 2001-04-24 [86] 1999-10-28 (PCT/EP99/08312) [87] 2000-05-11 (WO00/26500) [30] EP (98308868.3) 1998-10-29</p>	<p style="text-align: right;">[21] 2,348,564 [13] A1</p> <p>[51] Int.Cl. 7B01L 3/00 7B01L 7/00 [25] EN [54] ULTRATHIN-WALLED MULTIWELL PLATE FOR HEAT BLOCK THERMOCYCLING [54] PLAQUE A PLUSIEURS Puits A PAROIS ULTRAFINES POUR THERMOCYCLAGE PAR BLOC THERMIQUE [72] TRETIAKOV, ALEXANDRE, DE [72] SALUZ, HANS-PETER, DE [71] HANS-KNOLL-INSTITUT FUR NATURSTOFF-FORSCHUNG E.V., DE [85] 2001-04-25 [86] 1999-10-28 (PCT/EP99/08178) [87] 2000-05-11 (WO00/25920) [30] EP (98120187.4) 1998-10-29</p>	<p style="text-align: right;">[21] 2,348,567 [13] A1</p> <p>[51] Int.Cl. 6G06F 15/16 6G06F 17/60 [25] EN [54] METHOD AND APPARATUS FOR SUPPORTING DIVERSE INTERACTION PATHS WITHIN A MULTIMEDIA COMMUNICATION CENTER [54] PROCEDE ET SYSTEME COMPRENANT DIVERS CHEMINS D'INTERACTION DANS UN CENTRE DE COMMUNICATION MULTIMEDIA [72] MITCHELL, ROBIN MARIE, US [72] KNUFF, CHARLES DAZLER, US [72] SIDELL, MARK FRANKLIN, US [72] POWERS, JAMES KARL, US [72] JOHNSTONE, JOEL A., US [72] BERKE, JONATHAN MICHAEL, US [72] BECK, CHRISTOPHER CLEMMETT MACLEOD, US [71] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US [85] 2001-04-25 [86] 1999-10-26 (PCT/US99/25310) [87] 2000-05-11 (WO00/26804) [30] US (09/182,937) 1998-10-29</p>
<p style="text-align: right;">[21] 2,348,561 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/48 7A61K 7/00 [25] EN [54] TOPICAL VITAMIN COMPOSITION [54] COMPOSITION TOPIQUE VITAMINEE [72] SOLIMAN, NADIA, US [72] NABI, ZEENAT F., US [71] COLGATE-PALMOLIVE COMPANY, US [85] 2001-04-24 [86] 1999-10-13 (PCT/US99/23504) [87] 2000-05-11 (WO00/25738) [30] US (09/182,932) 1998-10-30</p>	<p style="text-align: right;">[21] 2,348,565 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/34 [25] EN [54] METHODS AND COMPOSITIONS FOR SELECTIVE CANCER CHEMOTHERAPY [54] PROCEDES ET COMPOSITIONS POUR CHIMIOtherAPIE ANTICANCEREUSE SELECTIVE [72] JARIWALLA, RAXIT J., US [71] OXYCAL LABORATORIES, INC., US [85] 2001-04-25 [86] 1999-08-30 (PCT/US99/19449) [87] 2001-03-08 (WO01/15692)</p>	

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,348,569 [13] A1</p> <p>[51] Int.Cl. 7H01Q 1/24 [25] EN [54] ANTENNA [54] ANTENNE [72] SASANO, KOUJI, JP [71] SASANO, KOUJI, JP [85] 2001-04-25 [86] 1999-10-29 (PCT/JP99/06009) [87] 2000-05-11 (WO00/26987) [30] JP (10/324534) 1998-10-29 [30] JP (11/260715) 1999-09-14</p>	<p style="text-align: right;">[21] 2,348,573 [13] A1</p> <p>[51] Int.Cl. 7H04L 12/56 [25] EN [54] MOBILE WIRELESS INTERNET PORTABLE RADIO [54] RADIO PORTABLE, MOBILE, SANS FIL POUR ACCES INTERNET [72] BOYS, DONALD ROBERT MARTIN, US [71] BOYS, DONALD ROBERT MARTIN, US [85] 2001-04-25 [86] 1999-10-29 (PCT/US99/25525) [87] 2000-05-11 (WO00/27135) [30] US (09/182,950) 1998-10-29</p>	<p style="text-align: right;">[21] 2,348,575 [13] A1</p> <p>[51] Int.Cl. 6G06F 13/00 [25] EN [54] METHOD AND APPARATUS FOR DETERMINING AND INITIATING INTERACTION DIRECTIONALITY WITHIN A MULTIMEDIA COMMUNICATION CENTER [54] PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER ET D'AMORCER UNE DIRECTIONALITE D'INTERACTION AU SEIN D'UN CENTRE DE COMMUNICATION MULTIMEDIA [72] POWERS, JAMES KARL, US [72] JOHNSTONE, JOEL A., US [72] MITCHELL, ROBIN MARIE, US [72] BECK, CHRISTOPHER CLEMMETT MACLEOD, US [72] KNUFF, CHARLES DAZLER, US [72] BERKE, JONATHAN MICHAEL, US [72] SIDELL, MARK FRANKLIN, US [71] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US [85] 2001-04-25 [86] 1999-11-10 (PCT/US99/26659) [87] 2000-05-18 (WO00/28425) [30] US (09/190,960) 1998-11-12</p>
<p style="text-align: right;">[21] 2,348,570 [13] A1</p> <p>[51] Int.Cl. 7B29C 45/02 7B29C 43/36 [25] EN [54] SHAPING METHOD FOR PRODUCING PLASTIC PARTS AND DEVICE FOR CARRYING OUT SAID METHOD [54] PROCEDE DE MOULAGE POUR LA PRODUCTION DE PIECES EN PLASTIQUE ET DISPOSITIF POUR L'EXECUTION DE CE PROCEDE [72] STEMKE, LOTHAR, DE [71] STEMKE, LOTHAR, DE [85] 2001-04-25 [86] 1999-10-27 (PCT/EP99/08098) [87] 2000-05-04 (WO00/24560) [30] DE (198 49 452.1) 1998-10-28 [30] DE (199 26 319.1) 1999-06-09 [30] DE (199 49 427.4) 1999-10-13</p>	<p style="text-align: right;">[21] 2,348,574 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/30 [25] EN [54] A STORED-MEDIA INTERFACE ENGINE PROVIDING AN ABSTRACT RECORD OF STORED MULTIMEDIA FILES WITHIN A MULTIMEDIA COMMUNICATION CENTER [54] MOTEUR D'INTERFACE A MEMOIRE PERMETTANT UN ENREGISTREMENT ABSTRAIT DE FICHIERS MULTIMEDIA STOCKES DANS UN CENTRE DE COMMUNICATION MULTIMEDIA [72] SIDELL, MARK FRANKLIN, US [72] POWERS, JAMES KARL, US [72] MITCHELL, ROBIN MARIE, US [72] JOHNSTONE, JOEL A., US [72] BERKE, JONATHAN MICHAEL, US [72] BECK, CHRISTOPHER CLEMMETT MACLEOD, US [72] KNUFF, CHARLES DAZLER, US [71] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US [85] 2001-04-25 [86] 1999-10-26 (PCT/US99/25308) [87] 2000-05-11 (WO00/26817) [30] US (09/183,551) 1998-10-29</p>	<p style="text-align: right;">[21] 2,348,576 [13] A1</p> <p>[51] Int.Cl. 7C07D 471/04 7C07D 7C07D 311/00 7C07D 335/00 7A61P 15/00 7A61P 21/00 7A61P 29/00 7C07D 491/04 7C07D 495/04 7A61P 11/06 7A61P 25/08 7A61P 13/10 7A61P 9/12 7C07D 471/14 7C07D 491/14 7C07D 495/14 7A61K 31/44 7A61K 31/47 [25] EN [54] PYRANO, PIPERIDINO, AND THIOPYRANO COMPOUNDS AND METHODS OF USE [54] COMPOSES PYRANO, PIPERIDINO ET THIOPYRANO ET LEUR MODE D'UTILISATION [72] KORT, MICHAEL E., US [72] DRIZIN, IRENE, US [72] ALTENBACH, ROBERT J., US [72] CARROLL, WILLIAM A., US [72] AGRIOS, KONSTANTINOS A., US [71] ABBOTT LABORATORIES, US [85] 2001-04-25 [86] 1999-10-28 (PCT/US99/25373) [87] 2000-05-04 (WO00/24743) [30] US (09/181,690) 1998-10-28 [30] US (09/421,862) 1999-10-20</p>
<p style="text-align: right;">[21] 2,348,572 [13] A1</p> <p>[51] Int.Cl. 6H02G 13/00 [25] EN [54] A SAFER LIGHTNING ROD AND WARNING SYSTEM [54] TIGE DE PARATONNERRE ET SYSTEME D'ALERTE A SECURITE RENFORCEE [72] RAPP, ROBERT W., US [71] NATIONAL LIGHTNING PROTECTION CORPORATION, US [85] 2001-04-25 [86] 1999-09-01 (PCT/US99/20187) [87] 2000-05-11 (WO00/27010) [30] US (60/106,166) 1998-10-29</p>		

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,348,577 [13] A1</p> <p>[51] Int.Cl. 6H04L 12/66 6H04Q 3/00 6H04L 29/02 [25] EN [54] MANAGEMENT OF TERMINATIONS IN A COMMUNICATIONS NETWORK [54] GESTION DES TERMINAISONS DANS UN RESEAU DE COMMUNICATIONS [72] ROSE, IAN ALEXANDER, AU [71] ASTRACON INC., US [85] 2001-04-25 [86] 1999-10-27 (PCT/AU99/00934) [87] 2000-05-04 (WO00/25488) [30] AU (PP 6733) 1998-10-27</p>	<p style="text-align: right;">[21] 2,348,582 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/60 [25] EN [54] METHOD AND SYSTEM FOR RETURNED-MATERIAL CONTROL [54] PROCEDE ET SYSTEME POUR LE CONTROLE DE MATERIEL RENVOYE [72] MESTER, DAVID JOHN, US [72] FOGOROS, ROBERT RALPH, US [71] DETROIT DIESEL CORPORATION, US [85] 2001-04-25 [86] 1999-11-16 (PCT/US99/27146) [87] 2000-05-25 (WO00/30011) [30] US (09/192,862) 1998-11-16</p>	<p style="text-align: right;">[21] 2,348,585 [13] A1</p> <p>[51] Int.Cl. 7G07D 7/00 [25] EN [54] MACHINE-READABLE SECURITY DOCUMENT AND METHOD OF PREPARING THE SAME [54] DOCUMENT DE SECURITE A LECTURE MACHINE ET SON PROCEDE DE PREPARATION [72] MOWRY, WILLIAM H., JR., US [71] THE STANDARD REGISTER COMPANY, US [85] 2001-04-25 [86] 1999-09-10 (PCT/US99/20739) [87] 2000-05-04 (WO00/25275) [30] US (09/179,069) 1998-10-26</p>
<p style="text-align: right;">[21] 2,348,579 [13] A1</p> <p>[51] Int.Cl. 6C07D 313/06 6C07D 307/77 [25] EN [54] AZADIRACTIN COMPOUNDS EXTRACTED FROM AZADIRACTA INDICA, COMPOSITIONS AND USE THEREOF AS INSECTICIDAL [54] COMPOSES D'AZADIRACTINE, EXTRAITS D'AZADIRACTA INDICA, COMPOSITIONS ET LEUR UTILISATION EN TANT QU'INSECTICIDES [72] KUMAR, ANNAM DILIP, IN [72] MOORTY, SISTLA RAMCHANDRA, IN [71] BADHEY, MOHAN R., US [71] FORTUNE BIO-TECH LIMITED, IN [85] 2001-04-25 [86] 1998-10-26 (PCT/US98/22256) [87] 2000-05-04 (WO00/24731)</p>	<p style="text-align: right;">[21] 2,348,583 [13] A1</p> <p>[51] Int.Cl. 7D03D 49/02 7D03J 1/00 [25] EN [54] DEVICE FOR NOISE REDUCTION, AIR-CONDITIONING AND ACCIDENT REDUCTION FOR A JACQUARD WEAVING MACHINE AND JACQUARD WEAVING MACHINE WITH SUCH A DEVICE [54] DISPOSITIF D'ATTENUATION DU BRUIT, DE CLIMATISATION ET DE PREVENTION DES ACCIDENTS POUR METIER JACQUARD MECANIQUE, ET METIER JACQUARD MECANIQUE POURVU D'UN TEL DISPOSITIF [72] SPEICH, FRANCISCO, CH [71] TEXTILMA AG, CH [85] 2001-04-25 [86] 1999-11-23 (PCT/CH99/00561) [87] 2000-07-06 (WO00/39377) [30] DE (298 23 116.6) 1998-12-28</p>	<p style="text-align: right;">[21] 2,348,587 [13] A1</p> <p>[51] Int.Cl. 7B41M 3/14 [25] EN [54] SECURITY DOCUMENT INCLUDING PSEUDO-RANDOM IMAGE AND METHOD OF MAKING THE SAME [54] DOCUMENT DE SECURITE CONTENANT UNE IMAGE PSEUDO-ALEATOIRE ET PROCEDE DE FABRICATION DE CE DOCUMENT [72] MOWRY, WILLIAM H., JR., US [72] FLEDDERMAN, ALBERT J., US [71] THE STANDARD REGISTER COMPANY, US [85] 2001-04-25 [86] 1999-10-05 (PCT/US99/23097) [87] 2000-05-04 (WO00/24589) [30] US (09/179,145) 1998-10-26</p>
<p style="text-align: right;">[21] 2,348,580 [13] A1</p> <p>[51] Int.Cl. 6A61B 6/00 6G02F 2/00 6A61B 17/32 [25] EN [54] OPTICAL-ACOUSTIC IMAGING DEVICE [54] DISPOSITIF D'IMAGERIE OPTO-ACOUSTIQUE [72] VARDI, GIL M., US [72] SPIVAK, EVGENI, IL [71] VARDI, GIL M., US [71] SPIVAK, EVGENI, IL [85] 2000-09-05 [86] 1999-03-05 (PCT/US99/04913) [87] 1999-11-18 (WO99/58059) [30] US (60/076,862) 1998-03-05</p>	<p style="text-align: right;">[21] 2,348,584 [13] A1</p> <p>[51] Int.Cl. 7C10G 9/12 [25] EN [54] WINTERIZED PARAFFIN CRYSTAL MODIFIERS [54] MODIFICATEURS DE CRISTAUX DE PARAFFINE TRAITES POUR LE FROID [72] GALVAN, DORA, US [72] BECKER, HAROLD L., US [71] BJ SERVICES COMPANY, US [85] 2001-04-25 [86] 1999-12-03 (PCT/US99/28823) [87] 2000-06-08 (WO00/32720) [30] US (60/111,034) 1998-12-04</p>	<p style="text-align: right;">[21] 2,348,588 [13] A1</p> <p>[51] Int.Cl. 7H04B 1/38 7H05K 5/02 7H04M 1/02 7H01M 2/10 7H04B 7/26 [25] EN [54] PORTABLE RADIO COMMUNICATION DEVICE [54] DISPOSITIF DE COMMUNICATION RADIO PORTABLE [72] OKUDA, TATSUMI, JP [71] SANYO ELECTRIC CO., LTD., JP [85] 2001-04-25 [86] 2000-03-03 (PCT/JP00/01314) [87] 2000-09-21 (WO00/55979) [30] JP (11/73361) 1999-03-18</p>

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[21] **2,348,590**
[13] A1

[51] **Int.Cl. 6H02G 7/00 6H02G 7/02 6H02G 7/14**
[25] EN
[54] **ADAPTABLE, OVERHEAD LINE VIBRATION DAMPING/SAG ADJUSTMENT DEVICE**
[54] **DISPOSITIF ADAPTABLE DE REGLAGE DE LA FLEXION ET DE L'AMORTISSEMENT DES VIBRATIONS DE LIGNES AERIENNES**
[72] HULL, NORMAN DOUGLAS, US
[71] HULL, NORMAN DOUGLAS, US
[85] 2001-04-25
[86] 1999-10-19 (PCT/US99/24312)
[87] 2000-05-04 (WO00/25404)
[30] US (09/181,354) 1998-10-28

[21] **2,348,592**
[13] A1

[51] **Int.Cl. 7G03G 15/16**
[25] EN
[54] **DEVICE FOR APPLYING DECORS AND/OR CHARACTERS ON GLASS, GLASS CERAMICS AND CERAMICS PRODUCTS**
[54] **DISPOSITIF POUR APOSER UN DECOR ET/OU DES SIGNES SUR DES PRODUITS EN VERRE, EN VITROCERAMIQUE ET EN CERAMIQUE**
[72] AUCHTER-KRUMMEL, PETRA, DE
[72] ZIMMER, MICHAEL, DE
[72] WEINBERG, WALDEMAR, DE
[72] JUNG, DIETER, DE
[71] SCHOTT GLAS, DE
[71] ZIMMER, MICHAEL, DE
[85] 2001-04-25
[86] 1999-10-21 (PCT/EP99/07989)
[87] 2000-05-04 (WO00/25182)
[30] DE (198 49 500.5) 1998-10-27
[30] DE (199 21 321.6) 1999-05-08

[21] **2,348,593**
[13] A1

[51] **Int.Cl. 7C11D 3/39 7C11D 17/06**
[25] EN
[54] **BLEACH-CONTAINING DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE A BASE D'AGENT DE BLANCHIMENT**
[72] MAIN, ALISON LESLEY, GB
[72] HENSMAN, TIFFANY ALICE, GB
[72] HARTSHORN, RICHARD TIMOTHY, GB
[72] WELCH, ROBERT GARY, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-25
[86] 1999-11-05 (PCT/US99/26137)
[87] 2000-05-18 (WO00/27968)
[30] GB (9824358.7) 1998-11-07

[21] **2,348,594**
[13] A1

[51] **Int.Cl. 6G01N 21/64**
[25] EN
[54] **FLUORESCENCE DETECTION ASSEMBLY FOR DETERMINATION OF SIGNIFICANT VEGETATION PARAMETERS**
[54] **ENSEMBLE DE DETECTION DE FLUORESCENCE POUR LA DETERMINATION DE PARAMETRES PERTINENTS DE VEGETATION**
[72] LUDEKER, WILHELM, DE
[72] GUNTHER, KURT, DE
[72] DAHN, HANS-GUNTER, DE
[71] DEUTSCHES ZENTRUM FUR LUFT- UND RAUMFAHRT E.V., DE
[85] 2001-04-25
[86] 1998-10-28 (PCT/EP98/06815)
[87] 2000-05-04 (WO00/25114)

[21] **2,348,595**
[13] A1

[51] **Int.Cl. 7C07F 9/50 7C07B 53/00 7B01J 31/24 7C07F 9/6568**
[25] EN
[54] **DIPHOSPHINES**
[54] **DIPHOSPHINES**
[72] DOUCET, HENRI, GB
[72] CARMICHAEL, DUNCAN, GB
[72] BROWN, JOHN MICHAEL, GB
[71] ISIS INNOVATION LIMITED, GB
[85] 2001-04-25
[86] 1999-10-29 (PCT/GB99/03599)
[87] 2000-05-11 (WO00/26220)
[30] GB (9823716.7) 1998-10-29

[21] **2,348,596**
[13] A1

[51] **Int.Cl. 6H04M 1/64**
[25] EN
[54] **METHOD FOR PROVIDING TELEPHONIC SERVICES**
[54] **PROCEDE PERMETTANT D'ACCEDER A DES SERVICES TELEPHONIQUES**
[72] KUGELL, STANLEY, US
[71] PILGRIM TELEPHONE, INC., US
[85] 2001-04-25
[86] 1999-09-02 (PCT/US99/20194)
[87] 2000-05-18 (WO00/28720)
[30] US (09/189,366) 1998-11-09

[21] **2,348,597**
[13] A1

[51] **Int.Cl. 7C03C 17/34 7G02B 5/28**
[25] EN
[54] **SOLAR CONTROL COATINGS AND COATED ARTICLES**
[54] **REVETEMENTS SOLAIRES ET ARTICLES DOTES DESDITS REVETEMENTS**
[72] NEUMAN, GEORGE A., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2001-04-25
[86] 1999-11-08 (PCT/US99/26406)
[87] 2000-05-18 (WO00/27771)
[30] US (60/107,677) 1998-11-09
[30] US (09/434,823) 1999-11-05

[21] **2,348,599**
[13] A1

[51] **Int.Cl. 7A61K 35/14**
[25] EN
[54] **METHOD FOR PREVENTING AND REVERSING ATHEROSCLEROSIS IN MAMMALS**
[54] **TECHNIQUE DE PREVENTION ET FAVORISANT LA REGRESSION DE L'ATHEROSCLEROSE CHEZ LES MAMMIFERES**
[72] STEWARD, DUNCAN J., CA
[71] VASOGEN IRELAND LIMITED, IE
[85] 2001-04-25
[86] 1999-11-15 (PCT/CA99/01092)
[87] 2000-05-25 (WO00/29003)
[30] US (09/190,236) 1998-11-13
[30] US (09/304,262) 1999-05-06

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[21] **2,348,600**
[13] A1

[51] **Int.Cl. 7F16L 58/10 7F16L 55/165**
[25] EN
[54] **TUBING FOR LINING PIPES AND METHOD FOR PRODUCING THE SAME**
[54] **FLEXIBLE POUR GARNIR DES CONDUITES ET PROCEDE PERMETTANT DE LE PRODUIRE**
[72] SCHWERT, SIEGFRIED, DE
[71] SCHWERT, SIEGFRIED, DE
[85] 2001-04-25
[86] 1999-10-22 (PCT/EP99/08011)
[87] 2000-05-04 (WO00/25057)
[30] DE (198 50 227.3) 1998-10-26

[21] **2,348,601**
[13] A1

[51] **Int.Cl. 7A61B 5/05**
[25] EN
[54] **HEALTH CONDITION JUDGING/DISPLAYING DEVICE**
[54] **DISPOSITIF D'APPRECIATION/PRESENTATION DE L'ETAT DE SANTE**
[72] KAWANISHI, SHOZO, JP
[71] YAMATO SCALE CO., LTD., JP
[85] 2001-04-25
[86] 2000-08-24 (PCT/JP00/05657)
[87] 2001-03-08 (WO01/15600)
[30] JP (11/241195) 1999-08-27

[21] **2,348,602**
[13] A1

[51] **Int.Cl. 7H04L 1/18 7H04L 1/00**
[25] EN
[54] **SYSTEM AND METHOD FOR WIRELESS COMMUNICATION SUPPORTING LINK ADAPTATION AND INCREMENTAL REDUNDANCY**
[54] **SYSTEME ET PROCEDE DESTINES A LA COMMUNICATION SANS FIL QUI PREND EN CHARGE L'ADAPTATION DE LIAISON ET LA REDONDANCE INCREMENTALE**
[72] BALACHANDRAN, KRISHNA, US
[72] EJZAK, RICHARD P., US
[72] NANDA, SANJIV, US
[71] LUCENT TECHNOLOGIES INC., US
[85] 2001-04-25
[86] 1999-11-03 (PCT/US99/25981)
[87] 2000-05-11 (WO00/27064)
[30] US (60/106,802) 1998-11-03

[21] **2,348,603**
[13] A1

[51] **Int.Cl. 7C11D 3/40 7C11D 3/42**
[25] EN
[54] **SPECKLE PARTICLES AND COMPOSITIONS CONTAINING THE SPECKLE PARTICLES**
[54] **GRAINS COLORES ET COMPOSITIONS LES RENFERMANT**
[72] MORRISON, CHRISTOPHER ANDREW, GB
[72] PATTERSON, STEVEN GEORGE, GB
[72] JANSEN, JUDIT ESTER, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-25
[86] 1999-11-03 (PCT/US99/25259)
[87] 2000-05-18 (WO00/27980)
[30] GB (9824225.8) 1998-11-06

[21] **2,348,604**
[13] A1

[51] **Int.Cl. 7H04B 10/10**
[25] EN
[54] **SIGNALLING AND RECEIVING APPARATUS AND SIGNALLING SYSTEM**
[54] **APPAREIL DE SIGNALISATION ET DE RECEPTION ET SYSTEME DE SIGNALISATION**
[72] VAN WENSVEEN, WILLEM, NL
[71] HOLLANDSE SIGNAALAPPARATEN B.V., NL
[85] 2001-04-25
[86] 1999-10-19 (PCT/EP99/07930)
[87] 2000-05-04 (WO00/25453)
[30] NL (1010404) 1998-10-27

[21] **2,348,636**
[13] A1

[51] **Int.Cl. 6A01N 1/02**
[25] EN
[54] **COENZYME Q10 COMPOSITIONS FOR ORGAN PROTECTION DURING PERFUSION**
[54] **COMPOSITIONS DE COENZYME Q10 POUR PROTECTION D'ORGANES AU COURS D'UNE PERFUSION**
[72] MASTERSON, ROBERT V., US
[72] FEREDDOON, SADRI, US
[71] Q-PHARMA, INC., US
[85] 2000-11-20
[86] 1999-05-20 (PCT/US99/11386)
[87] 1999-11-25 (WO99/59404)
[30] US (09/082,133) 1998-05-20

[21] **2,348,637**
[13] A1

[51] **Int.Cl. 6A61K 9/00 6A61K 31/495**
[25] EN
[54] **A NEW ANALGESIC, ANTI-INFLAMMATORY AND WOUND HEALING AGENT**
[54] **NOUVEL AGENT ANALGESIQUE, ANTI-INFLAMMATOIRE ET CICATRISANT**
[72] NYCE, JONATHAN W., US
[71] EPIGENESIS PHARMACEUTICALS, INC., US
[85] 2001-01-30
[86] 1999-08-03 (PCT/US99/17642)
[87] 2000-02-17 (WO00/07566)
[30] US (60/095,090) 1998-08-03

[21] **2,348,641**
[13] A1

[51] **Int.Cl. 7C09K 11/00 7H05B 33/02 7G09F 9/30**
[25] EN
[54] **COATED CATHODOLUMINESCENT PHOSPHORS**
[54] **PHOSPHORES CATHODOLUMINESCENTS ENDUITS**
[72] BAYYA, SHYAM S., US
[72] SCHAAF SMA, DAVID T., US
[72] VILLALOBOS, GUILLERMO, US
[72] SCOTTO, CATHY S., US
[72] AGGARWAL, ISHWAR D., US
[72] SANGHERA, JASBINDER S., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC, US
[85] 2001-02-28
[86] 1999-08-24 (PCT/US99/31334)
[87] 2001-04-19 (WO01/27961)
[30] US (09/144,105) 1998-08-31

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[21] **2,348,644**
[13] A1

[51] **Int.Cl. 7A62D 1/06**
[25] EN
[54] **FIRE EXTINGUISHING AEROSOL FORMING MEANS**
[54] **CONSTITUANTS FORMANT UN AEROSOL D'EXTINCTION D'INCENDIE**
[72] ZHEGROV, EVGENY FEDOROVICH, RU
[72] AGAFONOV, DMITRY PAVLOVICH, RU
[72] DORONICHEV, ALEXANDR IVANOVICH, RU
[72] POLITOVA, AIDA BATYRGEREVNA, RU
[72] NIKOLAEV, SERGEI VLADIMIROVICH, RU
[72] MIKHAILOVA, MARGARITA IVANOVNA, RU
[71] PYROGEN CORPORATION SDN BHD, MY
[85] 2001-03-08
[86] 1999-08-03 (PCT/RU99/00269)
[87] 2000-03-23 (WO00/15305)
[30] RU (98117411) 1998-09-11

[21] **2,348,645**
[13] A1

[51] **Int.Cl. 7H01S 3/10 7H01S 3/067 7G02B 6/16**
[25] EN
[54] **LIGHT AMPLIFYING OPTICAL FIBER**
[54] **FIBRE OPTIQUE POUR AMPLIFICATION OPTIQUE**
[72] AISO, KEIICHI, JP
[71] THE FURUKAWA ELECTRIC CO., LTD., JP
[85] 2001-03-08
[86] 2000-11-21 (PCT/JP00/08201)
[87] 2001-05-31 (WO01/39339)
[30] JP (11/335527) 1999-11-26

[21] **2,348,660**
[13] A1

[51] **Int.Cl. 6A61K 39/395 6C12N 5/06 6A61K 35/12 6A61K 38/13 6C07K 16/28 6A61K 31/415 6G01N 33/543 6G01N 33/569 6A61K 31/57 6A61K 31/675**
[25] EN
[54] **DIAGNOSTICS AND THERAPEUTICS FOR TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHY AND METHODS FOR THE MANUFACTURE OF NON-INFECTIVE BLOOD PRODUCTS AND TISSUE DERIVED PRODUCTS**
[54] **DIAGNOSTIC ET TRAITEMENT DE L'ENCEPHALOPATHIE SPONGIFORME TRANSMISSIBLE ET PROCEDES DE FABRICATION DE PRODUITS SANGUINS ET DE PRODUITS DERIVES DE TISSUS NON INFECTIEUX**
[72] AGUZZI, ADRIANO, CH
[72] KLEIN, MICHAEL A., DE
[72] RAEBER, ALEX, CH
[72] WEISSMANN, CHARLES, CH
[72] ZINKERNAGEL, ROLF, CH
[71] UNIVERSITY OF ZURICH, CH
[85] 2000-06-15
[86] 1998-12-16 (PCT/EP98/08271)
[87] 1999-06-24 (WO99/30738)
[30] EP (97122186.6) 1997-12-16

[21] **2,348,696**
[13] A1

[51] **Int.Cl. 7B01J 19/00 7C12Q 1/68**
[25] EN
[54] **A METHOD FOR REPRODUCING MOLECULAR ARRAYS**
[54] **PROCEDE PERMETTANT DE REPRODUIRE DES RESEAUX MOLECULAIRES**
[72] KLENERMAN, DAVID, GB
[72] BALASUBRAMANIAN, SHANKAR, GB
[71] SOLEXA LTD., GB
[85] 2001-04-25
[86] 1999-11-08 (PCT/GB99/03691)
[87] 2000-05-18 (WO00/27521)
[30] GB (9824441.1) 1998-11-06
[30] GB (9827581.1) 1998-12-15
[30] GB (9919605.7) 1999-08-18

[21] **2,348,698**
[13] A1

[51] **Int.Cl. 7C12N 15/85 7A61P 35/00 7A61K 51/10 7C12N 5/10 7C07K 16/30 7A61K 39/395 7C07K 16/46 7G01N 33/574 7C12N 15/62**
[25] EN
[54] **VARIANTS OF HUMANIZED ANTI-CARCINOMA MONOCLONAL ANTIBODY CC49**
[54] **VARIANTS DE L'ANTICORPS MONOCLONAL ANTI-CARCINOME DE TYPE HUMAIN CC49**
[72] SCHLOM, JEFFREY, US
[72] PADLAN, EDUARDO A., US
[72] KASHMIRI, SYED V. S., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC, US
[85] 2001-04-25
[86] 1999-10-29 (PCT/US99/25552)
[87] 2000-05-11 (WO00/26394)
[30] US (60/106,534) 1998-10-31
[30] US (60/106,757) 1998-11-02

[21] **2,348,699**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 39/108 7A61K 38/16 7C12N 1/21 7C07K 14/245**
[25] EN
[54] **VIRULENCE GENES AND PROTEINS, AND THEIR USE**
[54] **GENES ET PROTEINES DE VIRULENCE ET LEUR UTILISATION**
[72] CLARKE, ENDA ELIZABETH, GB
[72] CROOKE, HELEN RACHEL, GB
[72] EVEREST, PAUL HOWARD, GB
[72] SHEA, JACQUELINE ELIZABETH, GB
[72] DOUGAN, GORDON, GB
[72] HOLDEN, DAVID WILLIAM, GB
[72] FELDMAN, ROBERT GRAHAM, GB
[71] MICROSCIENCE LIMITED, GB
[85] 2001-04-25
[86] 1999-11-09 (PCT/GB99/03721)
[87] 2000-05-18 (WO00/28038)
[30] GB (9824569.9) 1998-11-09
[30] GB (9824570.7) 1998-11-09
[30] GB (9827814.6) 1998-12-17
[30] GB (9827815.3) 1998-12-17
[30] GB (9827816.1) 1998-12-17
[30] GB (9827818.7) 1998-12-17
[30] GB (9900708.0) 1999-01-13
[30] GB (9900710.6) 1999-01-13
[30] GB (9900711.4) 1999-01-13
[30] GB (9901915.0) 1999-01-28

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[21] **2,348,701**
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10 7C12N 15/60 7C12N 9/88**
[25] EN
[54] **GENES AND VECTORS FOR CONFERRING HERBICIDE RESISTANCE IN PLANTS**
[54] **GENES ET VECTEURS SERVANT A CONFERER UNE RESISTANCE AUX HERBICIDES AUX PLANTES**
[72] HU, WEIMING, US
[72] COSTELLO, COLLEEN, US
[72] KAKEFUDA, GENICHI, US
[72] SUN, MING, US
[71] AMERICAN CYANAMID COMPANY, US
[85] 2001-04-27
[86] 1999-10-28 (PCT/US99/25452)
[87] 2000-05-11 (WO00/26390)
[30] US (60/106,239) 1998-10-29

[21] **2,348,705**
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C07K 14/47 7G01N 33/68 7C12Q 1/68**
[25] EN
[54] **TRANS-SPECIES TRANSFER OF APOPTOTIC GENES AND TRANSGENIC PLANTS DEVELOPED THEREBY**
[54] **TRANSFERT INTER-ESPECES DE GENES APOPTOTIQUES ET PLANTES TRANSGENIQUES OBTENUES PAR CE TRANSFERT**
[72] DICKMAN, MARTIN B., US
[71] UNIVERSITY OF NEBRASKA-LINCOLN, US
[85] 2001-04-30
[86] 1999-10-29 (PCT/US99/25522)
[87] 2000-05-11 (WO00/26391)
[30] US (60/106,321) 1998-10-30
[30] US (60/138,303) 1999-06-09

[21] **2,348,719**
[13] A1

[51] **Int.Cl. 7B01D 15/02**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE SEPARATION AVEC DES ZONES CHROMATOGRAPHIQUES A LONGUEUR VARIABLE**
[54] **SEPARATION METHOD AND DEVICE WITH CHROMATOGRAPHIC ZONES WITH VARIABLE LENGTH**
[72] ADAM, PHILIPPE, FR
[72] BAILLY, MICHEL, FR
[72] NICOU, ROGER MARC, FR
[72] LUDEMANN-HOMBOURGER, OLIVIER, FR
[71] NOVASEP, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[85] 2001-04-25
[86] 1999-10-29 (PCT/FR99/02653)
[87] 2000-05-11 (WO00/25885)
[30] FR (98/13600) 1998-10-29

[21] **2,348,703**
[13] A1

[51] **Int.Cl. 7A61K 31/495 7C07D 225/00 7C07D 245/00 7C07D 267/00 7C07D 281/00 7C07D 291/00 7C07D 487/22 7C07D 513/22**
[25] EN
[54] **INHIBITORS OF PRENYL-PROTEIN TRANSFERASE**
[54] **INHIBITEURS DE PRENYL-PROTEINE TRANSFERASE**
[72] BERGMAN, JEFFREY M., US
[71] MERCK & CO., INC., US
[85] 2001-04-27
[86] 1999-10-26 (PCT/US99/24948)
[87] 2000-05-11 (WO00/25788)
[30] US (60/106,177) 1998-10-29
[30] GB (9900148.9) 1999-01-05

[21] **2,348,715**
[13] A1

[51] **Int.Cl. 7G04G 1/00 7G04G 3/02**
[25] EN
[54] **ELECTRONIC TIMEPIECE COMPRISING A TIME INDICATOR BASED ON A DECIMAL SYSTEM**
[54] **PIECE D'HORLOGERIE ELECTRONIQUE COMPORTANT UNE INDICATION HORAIRE FONDEE SUR UN SYSTEME DECIMAL**
[72] MARQUIS, ROGER, CH
[72] DERIVAZ, PASCAL, CH
[72] MULLER, JACQUES, CH
[71] SWATCH AG, CH
[85] 2001-02-28
[86] 1999-08-24 (PCT/CH99/00387)
[87] 2000-03-09 (WO00/13067)
[30] CH (1764/98) 1998-08-28

[21] **2,348,721**
[13] A1

[51] **Int.Cl. 7D21H 25/02 7C09K 17/52**
[25] FR
[54] **PROCEDE DE DEGRADATION ACCELEREE DE PAPIER DE PAILLAGE ET PAPIER DE PAILLAGE**
[54] **METHOD FOR ACCELERATED DEGRADATION OF MULCH PAPER AND MULCH PAPER**
[72] BOUVIER, LEONIE, FR
[72] DUSSAUD, JOSEPH, FR
[71] AHLSTROM RESEARCH AND COMPETENCE CENTER, FR
[85] 2001-04-26
[86] 2000-09-12 (PCT/FR00/02510)
[87] 2001-04-12 (WO01/25536)
[30] FR (99/12600) 1999-10-05

[21] **2,348,716**
[13] A1

[51] **Int.Cl. 7D21C 5/02 7D21C 3/00**
[25] FR
[54] **PROCEDE POUR LA MISE EN PATE DE PAPIERS**
[54] **PAPER REPULPING METHOD**
[72] DAVE, JULES, BE
[72] RENDERS, ANNIE, BE
[71] SOLVAY (SOCIÉTÉ ANONYME), BE
[85] 2001-04-25
[86] 1999-10-21 (PCT/EP99/08143)
[87] 2000-05-04 (WO00/24962)
[30] BE (9800773) 1998-10-27

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,348,722 [13] A1</p> <p>[51] Int.Cl. 7C08F 20/62 [25] FR [54] PROCEDE DE POLYMERISATION PAR CHAUFFAGE DIELECTRIQUE D'ACIDES GRAS INSATURES, D'ESTERS D'ACIDES GRAS INSATURES, D'HYDROCARBURES INSATURES, OU DE DERIVES INSATURES DE CES PRODUITS [54] POLYMERISATION METHOD BY DIELECTRIC HEATING OF UNSATURATED FATTY ACIDS, UNSATURATED FATTY ACID ESTERS, UNSATURATED HYDROCARBONS, OR UNSATURATED DERIVATIVES OF SAID PRODUCTS [72] CHARLIER DE CHILY, PIERRE, FR [71] ALDIVIA S.A., FR [85] 2001-04-26 [86] 1999-10-28 (PCT/FR99/02646) [87] 2000-05-11 (WO00/26265) [30] FR (98/13770) 1998-10-30</p>	<p style="text-align: right;">[21] 2,348,725 [13] A1</p> <p>[51] Int.Cl. 7C07C 39/21 7A61K 31/045 7A61K 31/05 7A61K 31/075 7A61K 31/085 7C07C 39/15 7C07C 43/166 7C07C 43/23 7C07C 33/26 7C07C 33/28 7A61K 7/48 7C07C 217/86 [25] FR [54] ANALOGUES DE LA VITAMINE D [54] VITAMIN D ANALOGUES [72] BERNARDON, JEAN-MICHEL, FR [71] GALDERMA RESEARCH & DEVELOPMENT, S.N.C., FR [85] 2001-04-27 [86] 1999-10-28 (PCT/FR99/02637) [87] 2000-05-11 (WO00/26167) [30] FR (98/13747) 1998-11-02</p>	<p style="text-align: right;">[21] 2,348,728 [13] A1</p> <p>[51] Int.Cl. 7C12P 17/06 7A23L 1/03 7C07H 17/07 7A61K 31/35 7A61K 7/42 7C12P 19/60 7A61K 31/70 [25] EN [54] METHOD FOR THE PRODUCTION OF QUERCETIN AND ISOQUERCETIN DERIVATIVES [54] PROCEDE DE PRODUCTION DE DERIVES DE QUERCETINE ET D'ISOQUERCETINE [72] BUCHHOLZ, HERWIG, DE [72] ROSSKOPF, RALF, DE [71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE [85] 2001-04-27 [86] 1999-10-13 (PCT/EP99/07685) [87] 2000-05-11 (WO00/26399) [30] DE (198 50 282.6) 1998-10-30 [30] DE (198 50 570.1) 1998-11-02</p>
<p style="text-align: right;">[21] 2,348,724 [13] A1</p> <p>[51] Int.Cl. 7H01L 21/48 7H01L 21/60 [25] FR [54] DISPOSITIF DE MISE A DISPOSITION DE BILLES OU DE PREFORMES POUR LA FABRICATION DE CONNEXIONS A BILLES [54] DEVICE FOR PROVIDING BALLS OR PREFORMS FOR MAKING FLIP-CHIP CONNECTIONS [72] BOURRIERES, FRANCIS, FR [72] KAISER, CLEMENT, FR [71] NOVATEC S.A., FR [85] 2001-04-27 [86] 1999-10-27 (PCT/FR99/02613) [87] 2000-05-04 (WO00/25358) [30] FR (98/13424) 1998-10-27</p>	<p style="text-align: right;">[21] 2,348,727 [13] A1</p> <p>[51] Int.Cl. 7A61K 35/54 7A61P 3/00 7A61K 39/02 7C07K 16/02 7A61K 39/40 [25] EN [54] COMPOSITION AND METHOD FOR INCREASING WEIGHT GAIN AND FEED EFFICIENCY [54] COMPOSITION ET PROCEDE D'AUGMENTATION DE GAIN DE POIDS ET D'EFFICACITE ALIMENTAIRE [72] IYER, SUBRAMANIAN, US [72] HUNCHAR, JEFFREY G., US [72] FARALDO, AL D., US [72] HENRY, CRAIG W., US [72] GREENBLATT, HELLEN CHAYA, US [71] DCV, INC., US [85] 2001-04-27 [86] 1999-10-20 (PCT/US99/24504) [87] 2000-05-18 (WO00/27410) [30] US (60/107,128) 1998-11-05 [30] US (09/414,403) 1999-10-07</p>	<p style="text-align: right;">[21] 2,348,730 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/12 7A61K 38/00 7C12P 21/02 7C12Q 1/02 7C07H 21/04 7C12N 5/10 7C12N 1/21 7C07K 16/28 7C12Q 1/68 7C07K 14/705 [25] EN [54] NOVEL G PROTEIN COUPLED RECEPTOR PROTEIN AND DNA THEREOF [54] NOUVELLES PROTEINES RECEPTRICES COUPLEES AUX PROTEINES G ET ADN DE CELLES-CI [72] WATANABE, TAKUYA, JP [72] TERAQ, YASUKO, JP [72] SHINTANI, YASUSHI, JP [72] MATSUMOTO, YOSHIO, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 2001-04-27 [86] 1999-10-27 (PCT/JP99/05938) [87] 2000-05-04 (WO00/24891) [30] JP (10/306543) 1998-10-28 [30] JP (11/20356) 1999-01-28</p>

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[21] **2,348,732**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C12N 15/12 7A61K 38/17 7C07K 16/18 7A61K 39/395**
[25] EN
[54] **HUMAN H37 PROTEINS AND CDNAS ENCODING THE SAME**
[54] **PROTEINES HUMAINES H37 ET ADNC LES CODANT**
[72] MASAI, HISAO, JP
[72] ARAI, KENICHI, JP
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
[85] 2001-04-26
[86] 1999-11-01 (PCT/JP99/06076)
[87] 2000-05-11 (WO00/26250)
[30] JP (10/311408) 1998-10-30

[21] **2,348,733**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/18 7C07K 14/435 7G01N 33/50**
[25] EN
[54] **NOVEL COMPOSITIONS AND METHODS OF SCREENING FOR T-CELL AND B-CELL ACTIVATION MODULATORS**
[54] **NOUVELLES COMPOSITIONS ET NOUVEAUX PROCEDES POUR IDENTIFIER PAR CRIBLAGE DES MODULATEURS D'ACTIVATION DES LYMPHOCYTES T ET DES LYMPHOCYTES B**
[72] FERRICK, DAVID A., US
[71] RIGEL PHARMACEUTICALS, INC., US
[85] 2001-04-27
[86] 1999-10-28 (PCT/US99/25333)
[87] 2000-05-11 (WO00/26241)
[30] US (60/106,187) 1998-10-28
[30] US (UNKNOWN) 1999-10-28

[21] **2,348,735**
[13] A1

[51] **Int.Cl. 6A61K 31/445 6C07D 315/00 6C07D 335/00 6C07D 307/02 6C07D 207/08 6C07D 211/08 6A61K 31/34 6A61K 31/35 6C07D 333/36 6A61K 31/38 6A61K 31/385 6A61K 31/40**
[25] EN
[54] **HETEROCYCLIC POTASSIUM CHANNEL INHIBITORS**
[54] **INHIBITEURS HETEROCYCLIQUES DE CANAUX POTASSIQUES**
[72] PARSONS, WILLIAM H., US
[72] CLAIBORNE, CHRISTOPHER F., US
[72] LIVERTON, NIGEL, US
[72] KAYSER, FRANK, US
[72] BAO, JIANMING, US
[72] THOMPSON, WAYNE J., US
[72] CLAREMON, DAVID A., US
[72] RUPPRECHT, KATHLEEN M., US
[72] KOTLIAR, ANDREW, US
[71] MERCK & CO., INC., US
[85] 2001-04-27
[86] 1999-10-26 (PCT/US99/25066)
[87] 2000-05-11 (WO00/25786)
[30] US (60/106,292) 1998-10-30

[21] **2,348,736**
[13] A1

[51] **Int.Cl. 6C12N 15/85 6C12N 15/11 6C12N 15/86**
[25] EN
[54] **A MYELOID PRECURSOR CELL USEFUL FOR GENE THERAPY AND FOR MODULATION OF IMMUNE RESPONSES**
[54] **CELLULE PRECURSEUR DE MYELOIDE UTILISEE EN THERAPIE GENIQUE ET POUR MODULER DES REPOSES IMMUNES**
[72] DOUGHERTY, JOSEPH P., US
[72] RON, YACOV, US
[72] CHEN, CHIANN-CHYI, US
[71] UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY, US
[85] 2001-04-27
[86] 1999-10-29 (PCT/US99/25477)
[87] 2000-05-11 (WO00/26393)
[30] US (60/106,533) 1998-10-31

[21] **2,348,737**
[13] A1

[51] **Int.Cl. 7C12N 15/87**
[25] EN
[54] **AN UNUSUAL RETROTRANSPON FROM THE YEAST CANDIDA ALBICANS**
[54] **RETROTRANSPON INHABITUEL PROVENANT DE SI(CANDIDA ALBICANS)**
[72] POULTER, RUSSELL TONY MASKELL, NZ
[72] LUYTEN, WALTER HERMAN MARIA LOUIS, BE
[72] DE BACKER, MARIANNE DENISE, BE
[72] NELISSEN, BART JOZEF MARIA, BE
[71] JANSSEN PHARMACEUTICA N.V., BE
[85] 2001-04-27
[86] 1999-11-01 (PCT/NZ99/00179)
[87] 2000-05-11 (WO00/26397)
[30] US (60/106,342) 1998-10-30
[30] CA (2,249,046) 1998-10-30

[21] **2,348,739**
[13] A1

[51] **Int.Cl. 7C07K 14/56**
[25] EN
[54] **METHODS OF CONVERSION OF INTERFERON ISOFORMS AND PRODUCTS THEREOF**
[54] **METHODES DE TRANSFORMATION D'ISOFORMES D'INTERFERONS ET PRODUITS AINSI OBTENUS**
[72] VOLOCH, MARCIO, US
[72] MENGISEN, ROLAND, US
[72] LEE, SEOJU, US
[72] WYLIE, DAVID C., US
[72] FREI, ANDRES, US
[72] CANNON-CARLSON, SUSAN, US
[71] SCHERING CORPORATION, US
[85] 2001-05-03
[86] 1999-10-05 (PCT/US99/20900)
[87] 2000-05-25 (WO00/29440)
[30] US (09/190,542) 1998-11-12

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[21] **2,348,740**
[13] A1

[51] **Int.Cl. 7C07D 241/36 7A61K 31/495**
[25] EN
[54] **THROMBIN OR FACTOR XA INHIBITORS**
[54] **INHIBITEURS DE LA THROMBINE OU DU FACTEUR XA**
[72] WEXLER, RUTH R., US
[72] LI, HUI YIN, US
[72] FEVIG, JOHN M., US
[72] PINTO, DONALD J. P., US
[72] CLARK, CHARLES G., US
[72] GALEMMO, ROBERT A., US
[72] HAN, QI, US
[72] JACOBSON, IRINA C., US
[72] LAM, PATRICK YUK SUN, US
[71] DUPONT PHARMACEUTICALS COMPANY, US
[85] 2001-04-27
[86] 1999-12-21 (PCT/US99/30735)
[87] 2000-07-06 (WO00/39102)
[30] US (60/113,627) 1998-12-23

[21] **2,348,742**
[13] A1

[51] **Int.Cl. 7A61K 31/17 7C07C 69/00 7C07D 207/00 7C07C 271/02 7C07C 307/02 7C07D 493/10 7A61K 31/165 7A61K 31/18 7C07C 275/20 7A61K 31/265 7A61K 31/27 7A61K 31/275 7A61K 31/335 7A61K 31/40 7C07C 255/46 7C07C 233/65 7C07D 307/78**
[25] EN
[54] **CARBOCYCLIC POTASSIUM CHANNEL INHIBITORS**
[54] **INHIBITEURS CARBOCYCLIQUES DES CANAUX DE POTASSIUM**
[72] CLAIBORNE, CHRISTOPHER F., US
[72] GARCIA, MARIA L., US
[72] MIAO, SHOUWU, US
[72] RUPPRECHT, KATHLEEN M., US
[72] SCHMALHOFER, WILLIAM A., US
[72] PARSONS, WILLIAM H., US
[72] BAO, JIANMING, US
[72] THOMPSON, WAYNE J., US
[72] BAKER, ROBERT K., US
[72] KACZOROWSKI, GREGORY J., US
[72] CHEE, JENNIFER, US
[72] KAYSER, FRANK, US
[72] LIU, CHOU JITSAL, US
[72] LIVERTON, NIGEL, US
[72] KOTLIAR, ANDREW, US
[72] CLAREMON, DAVID A., US
[71] MERCK & CO., INC., US
[85] 2001-04-27
[86] 1999-10-26 (PCT/US99/24949)
[87] 2000-05-11 (WO00/25770)
[30] US (60/106,416) 1998-10-30

[21] **2,348,745**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00**
[25] EN
[54] **DNA MOLECULES ENCODING MUC-1 AND USE THEREOF IN TUMOR VACCINATION**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DES FRAGMENTS D'UN ADN CODANT POUR UNE PROTEINE ANTIGENE, A EFFET ANTITUMORAL**
[72] DE SANTIS, RITA, IT
[72] DI MASSIMO, ANNA MARIA, IT
[72] PARENTE, DINO, IT
[71] MENARINI RICERCHES S.P.A., IT
[85] 2001-04-27
[86] 1999-10-18 (PCT/EP99/07874)
[87] 2000-05-11 (WO00/25827)
[30] IT (MI98A002330) 1998-10-30

[21] **2,348,747**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 48/00 7A61K 39/118 7C07K 16/12 7C07K 14/295 7G01N 33/53 7G01N 33/569 7C12N 15/62 7C12Q 1/68**
[25] EN
[54] **CHLAMYDIA ANTIGENS AND CORRESPONDING DNA FRAGMENTS AND USES THEREOF**
[54] **ANTIGENES DE \$(CHLAMYDIA) ET FRAGMENTS CORRESPONDANTS D'ADN AINSI QUE LEURS UTILISATIONS**
[72] OOMEN, RAYMOND PETER, CA
[72] MURDIN, ANDREW DAVID, CA
[72] DUNN, PAMELA LESLEY, CA
[71] CONNAUGHT LABORATORIES LIMITED, CA
[85] 2001-04-25
[86] 1999-10-28 (PCT/GB99/03571)
[87] 2000-05-04 (WO00/24902)
[30] US (60/106,046) 1998-10-28
[30] US (60/132,271) 1999-05-03
[30] US (09/427,533) 1999-10-26

[21] **2,348,751**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C12N 5/12 7A61K 38/17 7C07K 16/18 7A61K 39/395 7G01N 33/50 7G01N 33/53 7G01N 33/68**
[25] EN
[54] **BIOLOGICAL MATERIALS AND METHODS USEFUL IN THE DIAGNOSIS AND TREATMENT OF PRION DISEASES**
[54] **MATERIAUX BIOLOGIQUES ET PROCEDES UTILES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE MALADIES**
[72] CLARKE, ANTHONY RUSSELL, GB
[72] JACKSON, GRAHAM STUART, GB
[72] COLLINGE, JOHN, GB
[71] D-GEN LIMITED, GB
[85] 2001-05-01
[86] 1999-11-02 (PCT/GB99/03617)
[87] 2000-05-11 (WO00/26238)
[30] GB (9824091.4) 1998-11-04
[30] GB (9906217.6) 1999-03-18

[21] **2,348,755**
[13] A1

[51] **Int.Cl. 7C12N 15/32 7C12N 15/11 7C07K 16/12 7C07K 14/325 7C12N 15/62 7C12Q 1/68**
[25] EN
[54] **POLYPEPTIDE COMPOSITIONS TOXIC TO DIABROTICA INSECTS, OBTAINED FROM BACILLUS THURINGIENSIS; CRYET70, AND METHODS OF USE**
[54] **COMPOSITIONS POLYPEPTIDIQUES TOXIQUES POUR LES INSECTES DE L'ESPECE \$(DIABROTICA), OBTENUES A PARTIR DE BACILLUS THURINGIENSIS ; CRYT70, ET UTILISATIONS**
[72] METTUS, ANNE-MARIE LIGHT, US
[72] BAUM, JAMES A., US
[71] MONSANTO COMPANY, US
[85] 2001-05-01
[86] 1999-10-29 (PCT/US99/25492)
[87] 2000-05-11 (WO00/26378)
[30] US (09/184,748) 1998-11-02

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[13] A1
[51] **Int.Cl. 7C12N 15/12 7C12N 9/02 7C07K 16/18 7C07K 14/47 7C12N 15/62 7C07K 14/705**
[25] EN
[54] **SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME**
[54] **POLYPEPTIDES SECRETES ET TRANSMEMBRANAIRES ET ACIDES NUCLEIQUES CODANT POUR CEUX-CI**
[72] STEWART, TIMOTHY A., US
[72] TUMAS, DANIEL, US
[72] FERRARA, NAPOLEONE, US
[72] ROY, MARGARET ANN, US
[72] PAN, JAMES, US
[72] GURNEY, AUSTIN L., US
[72] GAO, WEI-QIANG, US
[72] GODDARD, AUDREY, US
[72] FONG, SHERMAN, US
[72] WOOD, WILLIAM I., US
[72] DESNOYERS, LUC, US
[72] BOTSTEIN, DAVID, US
[72] WATANABE, COLIN K., US
[71] GENENTECH, INC., US
[85] 2001-04-27
[86] 1999-12-01 (PCT/US99/28634)
[87] 2000-06-22 (WO00/36102)
[30] US (60/112,851) 1998-12-16
[30] US (60/113,145) 1998-12-16
[30] US (60/113,511) 1998-12-22
[30] US (60/115,565) 1999-01-12
[30] US (60/115,558) 1999-01-12
[30] US (60/115,733) 1999-01-12
[30] US (60/119,341) 1999-02-09
[30] US (60/119,537) 1999-02-10
[30] US (60/119,965) 1999-02-12
[30] US (PCT/US99/12252) 1999-06-02

[21] **2,348,758**
[13] A1
[51] **Int.Cl. 7C07K 1/00**
[25] EN
[54] **LYMPHOMA ASSOCIATED MOLECULES AND USES THEREFOR**
[54] **MOLECULES ASSOCIEES AU LYMPHOME ET LEURS UTILISATIONS**
[72] AGUIAR, RICARDO, US
[72] YAKUSHIJIN, YOSHI, JP
[72] SHIPP, MARGARET, US
[71] DANA FARBER CANCER INSTITUTE, INC., US
[85] 2001-04-27
[86] 1999-10-29 (PCT/US99/25439)
[87] 2000-05-11 (WO00/26231)
[30] US (60/106,383) 1998-10-29
[30] US (60/106,448) 1998-10-30

[21] **2,348,773**
[13] A1
[51] **Int.Cl. 7C07K 14/435 7A61K 38/00 7C12N 1/00 7C12N 15/12**
[25] EN
[54] **FUNCTIONAL ANTAGONISTS OF HEDGEHOG ACTIVITY**
[54] **ANTAGONISTES FONCTIONNELS DE L'ACTIVITE HEDGEHOG**
[72] WILLIAMS, KEVIN, US
[72] GARBER, ELLEN A., US
[72] RAYHORN, PAUL, US
[72] PEPINSKY, BLAKE R., US
[71] BIOGEN, INC., US
[85] 2001-05-01
[86] 1999-11-02 (PCT/US99/25700)
[87] 2000-05-11 (WO00/25725)
[30] US (60/106,703) 1998-11-02

[21] **2,348,774**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 14/78**
[25] EN
[54] **THERAPEUTIC ANTIANGIOGENIC ENDOSTATIN COMPOSITIONS**
[54] **COMPOSITIONS THERAPEUTIQUES D'ENDOSTATINE ANTI-ANGIOGENIQUE**
[72] FOLKMAN, M. JUDAH, US
[72] O'REILLY, MICHAEL S., US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2001-04-27
[86] 1999-11-01 (PCT/US99/25605)
[87] 2000-05-11 (WO00/26368)
[30] US (60/106,343) 1998-10-30
[30] US (09/315,689) 1999-05-20

[21] **2,348,775**
[13] A1
[51] **Int.Cl. 7C12N 15/74 7A01N 63/00 7C12N 15/31**
[25] EN
[54] **METHOD TO CONTROL GENE EXPRESSION IN BACTERIA, NAMELY RHIZOBIACEAE, TO IMPROVE ROOT NODULE DEVELOPMENT, NITROGEN FIXATION AND PLANT BIOMASS PRODUCTION**
[54] **PROCEDE POUR REGULER L'EXPRESSION GENIQUE DANS DES BACTERIES, CI-APRES DENOMMEES RHIZOBIACEAE, ET AINSI AMELIORER LE DEVELOPPEMENT DE NODULES RADICAUX, LA FIXATION DE L'AZOTE, ET LA PRODUCTION DE BIOMASSE VEGETALE**
[72] SPENA, ANGELO, IT
[72] DEFEZ, ROBERTO, IT
[71] G.IN.E.ST.R.A. SOCIETA CONSORTILE A.R.L., IT
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[85] 2001-05-02
[86] 1999-11-08 (PCT/IT99/00355)
[87] 2000-05-18 (WO00/28051)
[30] EP (98830674.2) 1998-11-09

[21] **2,348,776**
[13] A1
[51] **Int.Cl. 7C12N 15/52 7C12N 9/00 7C12N 1/21 7C12Q 1/68**
[25] EN
[54] **HIGH FIDELITY THERMOSTABLE LIGASE AND USES THEREOF**
[54] **LIGASE THERMOSTABLE HAUTE FIDELITE ET SES UTILISATIONS**
[72] BARANY, FRANCIS, US
[72] CAO, WEIGUO, US
[72] TONG, JIE, US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2001-04-27
[86] 1999-10-29 (PCT/US99/25437)
[87] 2000-05-11 (WO00/26381)
[30] US (60/106,461) 1998-10-30

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[21] **2,348,777**
[13] A1

[51] **Int.Cl. 7C12N 15/46 7C07K 19/00 7C07K 14/14 7A61K 39/15 7C12N 15/62**
[25] EN
[54] **ROTAVIRUS SUBUNIT VACCINE**
[54] **VACCIN A BASE DE SOUS-UNITE DE ROTAVIRUS**
[72] CHOI, ANTHONY, US
[72] WARD, RICHARD L., US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2001-04-27
[86] 1999-11-01 (PCT/US99/25799)
[87] 2000-05-11 (WO00/26380)
[30] US (60/106,347) 1998-10-30

[21] **2,348,780**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7A61P 35/00 7A61K 38/17 7A61P 31/18**
[25] EN
[54] **REGULATORY/UNFOLDING PEPTIDES OF EZRIN**
[54] **PEPTIDES D'EZRINE DE REGULATION/A DEPLOIEMENT**
[72] HOLMS, RUPERT DONALD, GB
[71] HOLMS, RUPERT DONALD, GB
[85] 2001-05-03
[86] 2000-09-15 (PCT/GB00/03566)
[87] 2001-04-12 (WO01/25275)
[30] GB (9921881.0) 1999-09-17

[21] **2,348,821**
[13] A1

[51] **Int.Cl. 7C07H 21/00**
[25] EN
[54] **POLYNUCLEOTIDE CROSSLINKING AGENTS**
[54] **AGENTS DE RETICULATION DE POLYNUCLEOTIDES**
[72] CHENG, PETER C., US
[72] ALBAGLI, DAVID, US
[72] WOOD, MICHAEL L., US
[71] NAXCOR, US
[85] 2001-04-25
[86] 1999-11-10 (PCT/US99/26614)
[87] 2000-05-18 (WO00/27860)
[30] US (09/189,294) 1998-11-10

[21] **2,348,778**
[13] A1

[51] **Int.Cl. 7C12N 15/90 7A61K 48/00 7C12N 5/10 7C12N 15/12 7C12N 15/864**
[25] EN
[54] **TARGETED GENE MODIFICATION BY PARVOVIRAL VECTORS**
[54] **MODIFICATION CIBLEE DE GENES PAR VECTEURS PARVOVIRAUX**
[72] RUSSELL, DAVID W., US
[72] HIRATA, ROLI K., US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2001-04-27
[86] 1999-10-27 (PCT/US99/25462)
[87] 2000-05-04 (WO00/24917)
[30] US (60/106,191) 1998-10-28

[21] **2,348,781**
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61K 38/36 7A61K 39/395 7A61K 38/48 7A61K 38/57**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PRODUCING VASCULAR OCCLUSION**
[54] **COMPOSITIONS ET METHODES GENERATRICES D'OCCLUSIONS VASCULAIRES**
[72] NOUJAIM, ANTOINE, CA
[72] STEWART, MICHAEL WILLIAM, CA
[72] PERSON, ROLAND HENRYK, CA
[71] NOVOLYTICS INC., CA
[85] 2001-04-25
[86] 1999-11-10 (PCT/IB99/01809)
[87] 2000-05-25 (WO00/29029)
[30] US (60/108,129) 1998-11-12

[21] **2,348,822**
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C07K 1/06 7C12N 9/96**
[25] EN
[54] **GLYCOSYLATED PROTEINS HAVING REDUCED ALLERGENICITY**
[54] **PROTEINES GLYCOSYLEES A ALLERGENICITE REDUITE**
[72] OLSEN, ARNE AGERLIN, DK
[72] ROGGEN, ERWIN LUDO, DK
[72] ERNST, STEFFEN, DK
[71] NOVOZYMES A/S, DK
[85] 2001-04-26
[86] 1999-10-12 (PCT/DK99/00540)
[87] 2000-05-11 (WO00/26354)
[30] DK (PA 1998 1401) 1998-10-30
[30] DK (PA 1998 01551) 1998-11-25
[30] DK (PA 1999 00682) 1999-05-17
[30] DK (PA 1999 01419) 1999-10-04

[21] **2,348,779**
[13] A1

[51] **Int.Cl. 7C07H 21/00 7C07H 21/02 7C07H 21/04 7C12Q 1/68**
[25] EN
[54] **MULTIDOMAIN POLYNUCLEOTIDE MOLECULAR SENSORS**
[54] **DETECTEURS MOLECULAIRES POLYNUCLEOTIDIQUES A DOMAINES MULTIPLES**
[72] BREAKER, RONALD R., US
[72] SOUKUP, GARRETT A., US
[71] YALE UNIVERSITY, US
[85] 2001-04-24
[86] 1999-10-29 (PCT/US99/25497)
[87] 2000-05-11 (WO00/26226)
[30] US (60/106,829) 1998-11-03
[30] US (60/126,683) 1999-03-29

[21] **2,348,782**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **A METHOD FOR GENOMIC SUBSTRUCTIVE HYBRIDIZATION**
[54] **TECHNIQUE D'HYBRIDATION GENOMIQUE SOUSTRUCTIVE**
[72] XIAO, SHENG, US
[72] FLETCHER, JONATHAN, US
[71] THE BRIGHAM & WOMEN'S HOSPITAL, INC., US
[85] 2001-04-26
[86] 1999-11-02 (PCT/US99/25792)
[87] 2000-05-11 (WO00/26415)
[30] US (60/106,701) 1998-11-02

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[21] **2,348,823**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A61K 48/00 7A61K 47/48**
[25] EN
[54] **NEW OLIGOMERIC CONJUGATES LIABLE TO TRANSFER BIOLOGICAL MOLECULES INTO CELLS**
[54] **NOUVEAUX CONJUGUES OLIGOMERES APTES A TRANSFERER DES MOLECULES BIOLOGIQUES DANS DES CELLULES**
[72] BELLO-ROUFAL, MAHAJOUR, FR
[72] MONSIGNY, MICHEL, FR
[72] MIDOUX, PATRICK, FR
[72] PICHON, CHANTAL, FR
[71] I.D.M. IMMUNO-DESIGNED MOLECULES, FR
[85] 2001-04-26
[86] 1999-11-22 (PCT/EP99/08980)
[87] 2000-06-08 (WO00/32764)
[30] EP (98 403 015.5) 1998-12-02

[21] **2,348,824**
[13] A1

[51] **Int.Cl. 7C07K 14/435 7C12N 15/12**
[25] EN
[54] **12 HUMAN SECRETED PROTEINS**
[54] **12 PROTEINES HUMAINES SECRETEES**
[72] RUBEN, STEVEN M., US
[72] YOUNG, PAUL E., US
[72] NI, JIAN, US
[72] OLSEN, HENRIK S., US
[72] KENNY, JOSEPH J., US
[72] MOORE, PAUL A., US
[72] WEI, YING-FEI, US
[72] GREENE, JOHN M., US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2001-04-27
[86] 1999-10-27 (PCT/US99/25031)
[87] 2000-05-25 (WO00/29435)
[30] US (60/105,971) 1998-10-28

[21] **2,348,833**
[13] A1

[51] **Int.Cl. 7C12N 15/55 7C12N 9/20 7C07K 16/40 7A61K 38/46 7C12N 15/63 7C12Q 1/68**
[25] EN
[54] **HUMAN PHOSPHOLIPASES**
[54] **PHOSPHOLIPASES HUMAINES**
[72] GUEGLER, KARL J., US
[72] LU, DYUNG AINA M., US
[72] LAL, PREETI, US
[72] AZIMZAI, YALDA, US
[72] BAUGHN, MARIAH R., US
[72] CORLEY, NEIL C., US
[72] HILLMAN, JENNIFER L., US
[72] BANDMAN, OLGA, US
[71] INCYTE PHARMACEUTICALS, INC., US
[85] 2001-04-26
[86] 1999-10-27 (PCT/US99/25021)
[87] 2000-05-04 (WO00/24911)
[30] US (09/181,317) 1998-10-27
[30] US (UNKNOWN) 1998-10-27
[30] US (09/234,726) 1999-01-21
[30] US (UNKNOWN) 1999-01-21

[21] **2,348,835**
[13] A1

[51] **Int.Cl. 7A61K 38/18 7A61K 48/00 7A61P 9/00 7A61P 35/00 7A61P 17/02 7A61P 27/02 7A61K 38/17 7G01N 33/50 7G01N 33/68 7A61K 31/7088**
[25] EN
[54] **METHODS FOR REGULATING ANGIOGENESIS AND VASCULAR INTEGRITY USING TRK RECEPTOR LIGANDS**
[54] **METHODES DE REGULATION DE L'ANGIOGENESE ET DE L'INTEGRITE VASCULAIRE A L'AIDE DE LIGANDS DES RECEPTEURS TRK**
[72] HEMPSTEAD, BARBARA L., US
[72] DONOVAN, MICHAEL J., US
[72] KRAEMER, ROSEMARY, US
[72] RAFII, SHAHIN, US
[72] WIEGN, PHI, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2001-04-27
[86] 1999-10-28 (PCT/US99/25365)
[87] 2000-05-04 (WO00/24415)
[30] US (60/105,928) 1998-10-28
[30] US (60/119,994) 1999-02-12

[21] **2,348,837**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHODS FOR USING CO-REGULATED GENESETS TO ENHANCE DETECTION AND CLASSIFICATION OF GENE EXPRESSION PATTERNS**
[54] **PROCEDES POUR UTILISER DES ENSEMBLES GENIQUES CO-REGULES AFIN D'AMELIORER LA DETECTION ET LA CLASSIFICATION DE MODELES D'EXPRESSION GENIQUE**
[72] HE, YUDONG, US
[72] STOUGHTON, ROLAND, US
[72] FRIEND, STEPHEN H., US
[71] ROSETTA INPHARMATICS, INC., US
[85] 2001-04-25
[86] 1999-10-27 (PCT/US99/25025)
[87] 2000-05-04 (WO00/24936)
[30] US (09/179,569) 1998-10-27
[30] US (09/220,275) 1998-12-23

[21] **2,348,838**
[13] A1

[51] **Int.Cl. 7C12N 15/86 7C12N 5/10**
[25] EN
[54] **IMPROVED AAV VECTOR PRODUCTION**
[54] **PRODUCTION AMELIOREE DE VECTEURS DE VIRUS ASSOCIES AUX ADENOVIRUS**
[72] PAU, MARIA GRAZIA, NL
[72] BOUT, ABRAHAM, NL
[72] SCHOUTEN, GOVERT JOHAN, NL
[71] CRUCCELL HOLLAND B.V., NL
[85] 2001-04-25
[86] 1999-10-27 (PCT/NL99/00663)
[87] 2000-05-04 (WO00/24916)
[30] EP (98203635.2) 1998-10-27

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[21] **2,348,839**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07K 19/00 7C12N 1/19 7C07K 16/46 7C12N 15/81**
[25] EN
[54] **ANTIGEN-BINDING PROTEINS COMPRISING A LINKER WHICH CONFERS RESTRICTED CONFORMATIONAL FLEXIBILITY**
[54] **PROTEINES DE FIXATION D'ANTIGENE**
[72] HOWELL, STEVEN, GB
[72] FRENKEN, LEON GERARDUS JOSEPH, GB
[72] VAN DER VAART, JAN MARCEL, NL
[71] UNILEVER PLC, GB
[85] 2001-04-24
[86] 1999-10-22 (PCT/EP99/08323)
[87] 2000-05-04 (WO00/24884)
[30] EP (PCT/EP98/06991) 1998-10-27
[30] EP (99303118.6) 1999-04-22

[21] **2,348,898**
[13] A1

[51] **Int.Cl. 7C12N 15/13 7C07K 16/00 7A01K 67/027 7C12N 5/18 7C07K 14/705**
[25] EN
[54] **MURINE EXPRESSION OF HUMAN IG.LAMBDA. LOCUS**
[54] **EXPRESSION MURINE DU LOCUS IG~ HUMAIN**
[72] BRUGGEMANN, MARIANNE, GB
[71] BABRAHAM INSTITUTE, GB
[85] 2001-05-01
[86] 1999-11-03 (PCT/GB99/03632)
[87] 2000-05-11 (WO00/26373)
[30] GB (9823930.4) 1998-11-03

[21] **2,348,914**
[13] A1

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **MANAGING ENTERTAINMENT SYSTEM DATA**
[54] **GESTION DE DONNEES DE SYSTEMES DE DIVERTISSEMENTS**
[72] HACKSON, DAVID N., US
[72] BUSCHECK, GREGORY D., US
[72] MOORE, KENNETH A., US
[72] IKI, JEAN M. GOLDSCHMIDT, US
[72] SHAH-NAZAROFF, ANTHONY A., US
[71] INTEL CORPORATION, US
[85] 2001-04-23
[86] 1999-10-28 (PCT/US99/25428)
[87] 2000-05-11 (WO00/26820)
[30] US (09/183,282) 1998-10-30

[21] **2,348,915**
[13] A1

[51] **Int.Cl. 6H04N 7/173**
[25] EN
[54] **PURCHASING UPGRADED MEDIA FEATURE FOR TRANSMISSION**
[54] **ACHAT DE CARACTERISTIQUE DE MEDIA AMELIOREE POUR LA TRANSMISSION**
[72] WILLIAMS, CHRISTOPHER D., US
[72] IKI, JEAN M. GOLDSCHMIDT, US
[72] SHAH-NAZAROFF, ANTHONY A., US
[72] MOORE, KENNETH A., US
[71] INTEL CORPORATION, US
[85] 2001-04-23
[86] 1999-10-28 (PCT/US99/25563)
[87] 2000-05-11 (WO00/27123)
[30] US (09/183,587) 1998-10-30

[21] **2,348,916**
[13] A1

[51] **Int.Cl. 6H04N 7/10 6H04N 7/14**
[25] EN
[54] **METHOD AND APPARATUS FOR SELECTING FROM MULTIPLE VERSIONS OF A TELEVISION PROGRAM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE SELECTIONNER UNE VERSION D'UN PROGRAMME DE TELEVISION PARMIS UNE PLURALITE DE VERSIONS**
[72] IKI, JEAN M. GOLDSCHMIDT, US
[72] MOORE, KENNETH A., US
[72] BUSCHECK, GREGORY D., US
[72] SHAH-NAZAROFF, ANTHONY A., US
[72] WILLIAMS, CHRISTOPHER D., US
[71] INTEL CORPORATION, US
[85] 2001-04-23
[86] 1999-10-28 (PCT/US99/25560)
[87] 2000-05-11 (WO00/27119)
[30] US (09/183,277) 1998-10-30

[21] **2,348,918**
[13] A1

[51] **Int.Cl. 6G06F 7/00 6G09C 3/00**
[25] EN
[54] **VOUCHER CODING FOR SELF-SERVICE COIN DISCRIMINATOR**
[54] **CODAGE DE BONS POUR TRIEUR DE MONNAIE LIBRE-SERVICE**
[72] GERRITY, DANIEL A., US
[72] BEACH, KIRK, US
[71] COINSTAR, INC., US
[85] 2001-04-23
[86] 1999-10-21 (PCT/US99/24881)
[87] 2000-05-04 (WO00/25201)
[30] US (09/178,441) 1998-10-23

[21] **2,348,921**
[13] A1

[51] **Int.Cl. 6G06K 15/00**
[25] EN
[54] **COIN-DISCRIMINATOR VOUCHER ANTI-COUNTERFEITING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL ANTI-CONTREFAÇON DE PIÈCES JUSTIFICATIVES ET DE DÉTECTION DE PIÈCES DE MONNAIE**
[72] BROWN, DAVID J., US
[72] GEIGER, STEVEN M., US
[72] MANION, TIMOTHY J., US
[72] SCHERER, SCOTT J., US
[71] COINSTAR, INC., US
[85] 2001-04-23
[86] 1999-10-21 (PCT/US99/24895)
[87] 2000-05-04 (WO00/25260)
[30] US (60/105,508) 1998-10-23

[21] **2,348,923**
[13] A1

[51] **Int.Cl. 7A61K 31/445 7C07D 401/04 7C07D 221/20 7C07D 211/32 7C07D 211/52 7C07D 211/58 7C07D 211/62 7C07D 211/66 7C07D 211/76**
[25] EN
[54] **N-UREIDOALKYL-PIPERIDINES AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY**
[54] **N-UREIDOALKYL-PIPERIDINES UTILISEES EN TANT QUE MODULATEURS DE L'ACTIVITE DES RECEPTEURS DES CHIMIOKINES**
[72] KO, SOO S., US
[72] DUNCIA, JOHN V. K., US
[72] SANTELLA, JOSEPH B., III, US
[72] WACKER, DEAN A., US
[72] KIM, UI TAE, US
[71] DUPONT PHARMACEUTICALS COMPANY, US
[85] 2001-04-23
[86] 1999-12-17 (PCT/US99/30336)
[87] 2000-06-22 (WO00/35454)
[30] US (60/112,717) 1998-12-18
[30] US (60/161,184) 1999-10-22

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[21] **2,348,927**
[13] A1

[51] **Int.Cl. 6F03B 13/10 6F03B 13/08**
[25] EN
[54] **HYDRAULIC TURBINE ASSEMBLY**
[54] **ENSEMBLE TURBINE HYDRAULIQUE**
[72] KOURIS, PAUL S., AU
[71] KOURIS, PAUL S., AU
[85] 2001-04-23
[86] 1998-10-21 (PCT/AU98/00877)
[87] 2000-04-27 (WO00/23708)

[21] **2,348,929**
[13] A1

[51] **Int.Cl. 7B41J 2/16**
[25] EN
[54] **DROPLET EJECTION APPARATUS**
[54] **DISPOSITIF D'EJECTION DE GOUTTELETTES**
[72] INGHAM, IAN, GB
[72] PALMER, DANNY, GB
[72] WHITE, JULIAN, GB
[72] HARVEY, ROBERT ALAN, GB
[72] TEMPLE, STEPHEN, GB
[71] XAAR TECHNOLOGY LIMITED, GB
[85] 2001-04-23
[86] 1999-11-01 (PCT/GB99/03590)
[87] 2000-05-11 (WO00/26033)
[30] GB (9823833.0) 1998-10-31

[21] **2,348,930**
[13] A1

[51] **Int.Cl. 7B41J 2/16 7B41J 2/14**
[25] EN
[54] **DROPLET DEPOSITION APPARATUS**
[54] **APPAREIL DE DEPOT PAR GOUTTELETTES**
[72] OMER, SALHADIN, GB
[72] CONDIE, ANGUS, GB
[72] TEMPLE, STEPHEN, GB
[72] HARVEY, ROBERT, ALAN, GB
[72] SHEPHERD, MARK, RICHARD, GB
[72] DRURY, PAUL, RAYMOND, GB
[71] XAAR TECHNOLOGY LIMITED, GB
[85] 2001-04-23
[86] 1999-11-15 (PCT/GB99/03799)
[87] 2000-05-25 (WO00/29217)
[30] GB (9824998.0) 1998-11-14
[30] GB (9919201.5) 1999-08-14

[21] **2,348,933**
[13] A1

[51] **Int.Cl. 7C12P 19/02 7A61K 7/00 7A23L 1/00 7C12P 19/44**
[25] EN
[54] **METHOD FOR ENZYMATIC SPLITTING OF RUTINOSIDES**
[54] **PROCEDE DE DISSOCIATION ENZYMATIQUE DE RUTINOSIDES**
[72] KOPPE, THOMAS, DE
[72] BUCHHOLZ, HERWIG, DE
[72] SCHLEEHAHN, MICHAEL, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2001-04-27
[86] 1999-10-13 (PCT/EP99/07686)
[87] 2000-05-11 (WO00/26400)
[30] DE (198 50 029.7) 1998-10-30

[21] **2,348,934**
[13] A1

[51] **Int.Cl. 7C07K 5/06 7A61K 38/05 7A61P 1/16 7C12N 9/64**
[25] EN
[54] **PHOSPHINATE PEPTIDE ANALOGS FOR THE TREATMENT OF FIBROTIC DISORDERS**
[54] **ANALOGUES DE PEPTIDES DE PHOSPHINATE POUR LE TRAITEMENT D'AFFECTIONS FIBROTIQUES**
[72] LAMPE, THOMAS, DE
[72] STOCKER, WALTER, DE
[72] BURCHARDT, ELMAR-REINHOLD, DE
[72] SCHAUER, MICHAEL, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2001-04-27
[86] 1999-10-28 (PCT/EP99/08181)
[87] 2000-05-18 (WO00/27377)
[30] DE (198 50 072.6) 1998-10-30

[21] **2,348,988**
[13] A1

[51] **Int.Cl. 7A61K 9/22 7A61K 9/20 7A61K 31/22**
[25] EN
[54] **STABLE PHARMACEUTICAL FORMULATION COMPRISING A HMG-COA REDUCTASE INHIBITOR**
[54] **FORMULATION PHARMACEUTIQUE STABLE COMPRENANT UN INHIBITEUR DE HMG-COA REDUCTASE**
[72] KERC, JANEZ, SI
[71] LEK PHARMACEUTICAL AND CHEMICAL COMPANY D.D., SI
[85] 2001-04-26
[86] 1999-10-29 (PCT/IB99/01749)
[87] 2000-06-22 (WO00/35425)
[30] SI (P-9800309) 1998-12-16

[21] **2,348,990**
[13] A1

[51] **Int.Cl. 7H04Q 7/34**
[25] EN
[54] **USE OF MOBILE LOCATING AND POWER CONTROL FOR RADIO NETWORK OPTIMIZATION**
[54] **UTILISATION DE LA LOCALISATION DE STATION MOBILE ET DE LA COMMANDE DE PUISSANCE POUR L'OPTIMISATION DE RESEAU RADIO**
[72] HOGAN, BILLY, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-04-26
[86] 1999-11-04 (PCT/SE99/02000)
[87] 2000-05-18 (WO00/28756)
[30] US (09/186,624) 1998-11-06

[21] **2,348,991**
[13] A1

[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **CELL HAND-OFF BORDER IDENTIFICATION USING MS POSITIONING AND SIGNAL STRENGTH VALUES**
[54] **IDENTIFICATION DE FRONTIERES DE TRANSFERT DE CELLULES AU MOYEN DES VALEURS DE LOCALISATION ET D'INTENSITE DU SIGNAL DES SM**
[72] CORKERY, ERIC, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-04-26
[86] 1999-11-04 (PCT/SE99/01998)
[87] 2000-05-18 (WO00/28759)
[30] US (09/186,623) 1998-11-06

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[21] **2,348,992**
[13] A1

[51] **Int.Cl. 6A01B 79/00**
[25] EN
[54] **GRASS TURF TILE LIFTING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE SOULEVER DES PLAQUES DE GAZON NATUREL**

[72] HUMMER, J. ROBERT, US
[71] HUMMER, J. ROBERT, US
[85] 2001-04-26
[86] 1999-10-26 (PCT/US99/25110)
[87] 2000-05-11 (WO00/25567)
[30] US (09/183,733) 1998-10-30

[21] **2,348,993**
[13] A1

[51] **Int.Cl. 7A61K 31/4035 7C07D 275/06 7A61K 31/425 7C07D 209/46 7C07D 209/48 7C07D 209/56**

[25] EN
[54] **SUBSTITUTED PHENETHYLSULFONES AND METHOD OF REDUCING TNF.ALPHA.LEVELS**
[54] **PHENETHYLSULFONES SUBSTITUEES ET PROCEDE DE REDUCTION DES NIVEAUX DE TNF.ALPHA.**

[72] MULLER, GEORGE, US
[72] MAN, HON-WAH, US
[71] CELGENE CORPORATION, US
[85] 2001-04-26
[86] 1999-10-19 (PCT/US99/24376)
[87] 2000-05-11 (WO00/25777)
[30] US (09/183,049) 1998-10-30

[21] **2,348,994**
[13] A1

[51] **Int.Cl. 7G01D 9/00 7G06F 9/00 7G06F 13/00 7H04M 7/00 7G06F 17/60**
[25] EN
[54] **INTERFACE ENGINE FOR MANAGING BUSINESS PROCESSES WITHIN A MULTIMEDIA COMMUNICATION-CENTER**
[54] **MOTEUR D'INTERFACE PERMETTANT DE GERER DES TRANSACTIONS COMMERCIALES DANS UN CENTRE DE COMMUNICATION MULTIMEDIA**

[72] MITCHELL, ROBIN MARIE, US
[72] BECK, CHRISTOPHER CLEMMETT MACLEOD, US

[72] BERKE, JONATHAN MICHAEL, US
[72] JOHNSTONE, JOEL A., US
[72] POWERS, JAMES KARL, US
[72] KNUFF, CHARLES DAZLER, US
[72] SIDELL, MARK FRANKLIN, US
[71] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US
[85] 2001-04-25
[86] 1999-10-26 (PCT/US99/25117)
[87] 2000-05-11 (WO00/27063)
[30] US (09/183,395) 1998-10-29

[21] **2,348,995**
[13] A1

[51] **Int.Cl. 6G02B 6/18 6G02B 6/10 6G02B 5/18 6G02B 5/26 6G02B 5/28**

[25] EN
[54] **OPTICAL WAVEGUIDE STRUCTURE**

[54] **STRUCTURE DE GUIDE D'ONDES OPTIQUE**
[72] CANNING, JOHN, AU
[71] THE UNIVERSITY OF SYDNEY, AU
[85] 2001-04-25
[86] 1999-11-12 (PCT/AU99/01000)
[87] 2000-05-25 (WO00/29883)
[30] AU (PP 7168) 1998-11-12
[30] AU (PQ 2503) 1999-08-27

[21] **2,348,996**
[13] A1

[51] **Int.Cl. 6H01S 3/1055 6H01S 3/131 6H01S 3/17**
[25] EN
[54] **REDUCTION OF PULSATIONS IN DFB LASERS**
[54] **REDUCTION DES PULSATIONS DANS DES LASERS A DISTRIBUTION REPARTIE**

[72] STEPANOV, DMITRII, AU
[72] BRODZELI, ZOURAB, AU
[71] THE UNIVERSITY OF SYDNEY, AU
[85] 2001-04-25
[86] 1999-11-17 (PCT/AU99/01019)
[87] 2000-05-25 (WO00/30224)
[30] AU (PP 7163) 1998-11-17

[21] **2,348,997**
[13] A1

[51] **Int.Cl. 6G02B 6/12 6H01L 21/324 6H01L 21/477**

[25] EN
[54] **TUNING OF OPTICAL DEVICES**
[54] **REGLAGE DE DISPOSITIFS OPTIQUES**

[72] CANNING, JOHN, AU
[72] ASLUND, MATTIAS, AU
[71] THE UNIVERSITY OF SYDNEY, AU
[85] 2001-04-25
[86] 1999-11-12 (PCT/AU99/00998)
[87] 2000-05-25 (WO00/29881)
[30] AU (PP 7166) 1998-11-12
[30] AU (PP 7167) 1998-11-12

[21] **2,348,998**
[13] A1

[51] **Int.Cl. 7C07D 339/04 7C07F 19/00 7A61P 35/00 7A61K 31/385 7C07C 323/52**

[25] EN
[54] **LIPOIC ACID DERIVATIVES AND THEIR USE IN TREATMENT OF DISEASE**

[54] **DERIVES D'ACIDE LIPOIQUE ET UTILISATION DE CES DERIVES POUR LE TRAITEMENT DE MALADIES**

[72] ZACHAR, ZUZANA, US
[72] BINGHAM, PAUL M., US
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US
[85] 2001-04-25
[86] 1999-10-26 (PCT/US99/25140)
[87] 2000-05-04 (WO00/24734)
[30] US (60/105,628) 1998-10-26

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<p style="text-align: right;">[21] 2,348,999 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/30 [25] EN [54] METHOD AND APPARATUS FOR CREATING SPECIALIZED MULTIMEDIA THREADS IN A MULTIMEDIA COMMUNICATION CENTER [54] PROCEDE ET SYSTEME POUR CREER DES FILS MULTIMEDIA SPECIALISES DANS UN CENTRE DE COMMUNICATION MULTIMEDIA [72] SIDELL, MARK FRANKLIN, US [72] BECK, CHRISTOPHER CLEMMETT MACLEOD, US [72] POWERS, JAMES KARL, US [72] KNUFF, CHARLES DAZLER, US [72] MITCHELL, ROBIN MARIE, US [72] JOHNSTONE, JOEL A., US [72] BERKE, JONATHAN MICHAEL, US [71] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US [85] 2001-04-25 [86] 1999-10-26 (PCT/US99/25265) [87] 2000-05-11 (WO00/26816) [30] US (09/183,390) 1998-10-29</p>	<p style="text-align: right;">[21] 2,349,001 [13] A1</p> <p>[51] Int.Cl. 7G07F 17/32 [25] EN [54] INTERACTIVE GAMING SYSTEM [54] SYSTEME DE JEU INTERACTIF [72] ANGELL, ROBERT C., JR., US [71] GTECH RHODE ISLAND CORPORATION, US [85] 2001-04-26 [86] 1999-10-01 (PCT/US99/23000) [87] 2000-05-04 (WO00/25281) [30] US (09/181,524) 1998-10-28</p>	<p style="text-align: right;">[21] 2,349,004 [13] A1</p> <p>[51] Int.Cl. 7B32B 3/28 7B32B 15/01 7C22C 21/06 [25] EN [54] COMPOSITE ALUMINIUM PANEL [54] PANNEAU D'ALUMINIUM COMPOSITE [72] HASZLER, ALFRED JOHANN PETER, DE [72] SAMPATH, DESIKAN, NL [72] MECHSNER, KLAUS ALFONS, DE [71] CORUS ALUMINIUM WALZPRODUKTE GMBH, DE [85] 2001-04-26 [86] 1999-10-29 (PCT/EP99/08316) [87] 2000-05-11 (WO00/26020) [30] EP (98203665.9) 1998-10-30 [30] EP (99201767.3) 1999-06-04</p>
<p style="text-align: right;">[21] 2,349,000 [13] A1</p> <p>[51] Int.Cl. 7A61L 24/10 [25] EN [54] FIBRIN TISSUE ADHESIVE FORMULATION AND METHOD FOR THE PRODUCTION THEREOF [54] FORMULATION D'ADHESIF TISSULAIRE A BASE DE FIBRINE ET PROCEDE DE PRODUCTION ASSOCIE [72] LUY, BERNHARD, DE [72] PRASCH, ARMIN, DE [71] GLATT PROCESS TECHNOLOGY GMBH, DE [85] 2001-04-26 [86] 1999-10-27 (PCT/EP99/08128) [87] 2000-05-04 (WO00/24436) [30] DE (198 49 589.7) 1998-10-27</p>	<p style="text-align: right;">[21] 2,349,002 [13] A1</p> <p>[51] Int.Cl. 7C11D 3/386 7C11D 3/395 7C11D 7/42 7C11D 7/54 [25] EN [54] CLEANING PRODUCT WHICH USES SONIC OR ULTRASONIC WAVES [54] PRODUIT DE NETTOYAGE A ONDES SONORES OU ULTRASONORES [72] THOEN, CHRISTIAAN ARTHUR JACQUES KAMEL, US [72] KASTURI, CHANDRIKA, US [72] SCHEPER, WILLIAM MICHAEL, US [72] MCKENZIE, KRISTEN LYNNE, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-26 [86] 1999-11-16 (PCT/US99/27200) [87] 2000-05-25 (WO00/29535) [30] US (60/108,547) 1998-11-16</p>	<p style="text-align: right;">[21] 2,349,005 [13] A1</p> <p>[51] Int.Cl. 6G06F 13/00 6G06F 13/14 6G06F 15/16 6H04N 1/21 6H04L 12/42 6H04L 12/54 [25] EN [54] NETWORK TO NETWORK PRIORITY FRAME DEQUEUEING [54] SORTIE DE FILE D'ATTENTE DE BLOCS PRIORITAIRES DE RESEAU A RESEAU [72] BARBAS, STEVE N., US [72] HOMBERG, MICHAEL J., US [71] FUJITSU NETWORK COMMUNICATIONS, INC., US [85] 2001-04-26 [86] 1999-10-26 (PCT/US99/24055) [87] 2000-05-04 (WO00/25220) [30] US (60/105,825) 1998-10-27</p>
<p style="text-align: right;">[21] 2,349,003 [13] A1</p> <p>[51] Int.Cl. 7C07C 303/22 7C07C 231/08 7C11D 1/24 7C07C 309/42 7C07C 233/47 [25] EN [54] IMPROVED SYNTHESIS OF BLEACH ACTIVATORS [54] SYNTHESE AMELIOREE D'ACTIVATEURS DE BLANCHIMENT [72] DUPONT, JEFFREY SCOTT, US [72] TYKSTRA, ROBERT RICHARD, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-26 [86] 1999-11-19 (PCT/US99/27501) [87] 2000-06-02 (WO00/31028) [30] US (60/109,152) 1998-11-20</p>	<p style="text-align: right;">[21] 2,349,003 [13] A1</p> <p>[51] Int.Cl. 7C07C 303/22 7C07C 231/08 7C11D 1/24 7C07C 309/42 7C07C 233/47 [25] EN [54] IMPROVED SYNTHESIS OF BLEACH ACTIVATORS [54] SYNTHESE AMELIOREE D'ACTIVATEURS DE BLANCHIMENT [72] DUPONT, JEFFREY SCOTT, US [72] TYKSTRA, ROBERT RICHARD, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-26 [86] 1999-11-19 (PCT/US99/27501) [87] 2000-06-02 (WO00/31028) [30] US (60/109,152) 1998-11-20</p>	<p style="text-align: right;">[21] 2,349,003 [13] A1</p> <p>[51] Int.Cl. 7C07C 303/22 7C07C 231/08 7C11D 1/24 7C07C 309/42 7C07C 233/47 [25] EN [54] IMPROVED SYNTHESIS OF BLEACH ACTIVATORS [54] SYNTHESE AMELIOREE D'ACTIVATEURS DE BLANCHIMENT [72] DUPONT, JEFFREY SCOTT, US [72] TYKSTRA, ROBERT RICHARD, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-26 [86] 1999-11-19 (PCT/US99/27501) [87] 2000-06-02 (WO00/31028) [30] US (60/109,152) 1998-11-20</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,349,006 [13] A1</p> <p>[51] Int.Cl. 7G06F 9/00 [25] EN [54] METHOD AND APPARATUS FOR UPDATING COMPUTER CODE USING AN INTEGRATED CIRCUIT INTERFACE [54] PROCEDE ET SYSTEME D'ENREGISTREMENT DE CODE MACHINE AU MOYEN D'UNE INTERFACE A CIRCUIT INTEGRE [72] NORTRUP, KEVIN EUGENE, US [72] DINWIDDIE, AARON HAL, US [72] LIU, DEREK, US [72] VAYL, YEFIM, US [71] THOMSON LICENSING S.A., FR [85] 2001-04-26 [86] 1999-11-03 (PCT/US99/25253) [87] 2000-05-11 (WO00/26767) [30] US (60/106,809) 1998-11-03</p>	<p style="text-align: right;">[21] 2,349,009 [13] A1</p> <p>[51] Int.Cl. 7H04N 7/00 7H04N 5/00 7H04N 7/24 [25] EN [54] APPLICATION PROGRAMMING INTERFACE FOR ENABLING A DIGITAL TELEVISION RECEIVER TO ACCESS SYSTEM INFORMATION IN AN ABSTRACT FORMAT [54] INTERFACE APPLICATIVE PERMETTANT A UN RECEPTEUR DE TELEVISION NUMERIQUE D'ACCEDE A DES INFORMATIONS DU SYSTEME DANS UN FORMAT ABSTRAIT [72] PETERKA, PETR, US [72] MANGALORE, GEETHA, US [72] KASSMAN, TODD, US [71] GENERAL INSTRUMENT CORPORATION, US [85] 2001-04-26 [86] 1999-10-28 (PCT/US99/25322) [87] 2000-05-11 (WO00/27114) [30] US (60/106,508) 1998-10-30 [30] US (60/107,965) 1998-11-12 [30] US (60/113,444) 1998-12-23</p>	<p style="text-align: right;">[21] 2,349,011 [13] A1</p> <p>[51] Int.Cl. 7C11D 3/39 7C11D 3/16 [25] EN [54] BLEACH COMPOSITIONS [54] COMPOSITIONS DE BLANCHIMENT [72] SADLOWSKI, EUGENE STEVEN, US [72] WILLIAMS, BARBARA KAY, US [72] PERKINS, CHRISTOPHER MARK, US [72] LABEQUE, REGINE, BE [72] GRAYDON, ANDREW RUSSELL, GB [72] BURNS, MICHAEL EUGENE, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-26 [86] 1999-11-09 (PCT/US99/26543) [87] 2000-05-25 (WO00/29537) [30] US (60/108,292) 1998-11-13</p>
<p style="text-align: right;">[21] 2,349,007 [13] A1</p> <p>[51] Int.Cl. 7F01C 19/00 7F01C 1/28 [25] EN [54] PUMP [54] POMPE [72] TIEBEN, JAMES B., US [71] TIEBEN, JAMES B., US [85] 2001-04-26 [86] 2000-07-26 (PCT/US00/20317) [87] 2001-03-08 (WO01/16465) [30] US (60/160,063) 1999-08-27 [30] US (09/436,413) 1999-11-09</p>	<p style="text-align: right;">[21] 2,349,010 [13] A1</p> <p>[51] Int.Cl. 6H04J 3/14 6H04L 12/56 [25] EN [54] EVENT BASED RATE POLICING WITH A JUMPING WINDOW [54] CONTROLE DE DEBIT A EVENEMENT AVEC SAUT DE FENETRE [72] HOMBERG, MICHAEL J., US [72] BARBAS, STEVE N., US [71] FUJITSU NETWORK COMMUNICATIONS, INC., US [85] 2001-04-26 [86] 1999-10-26 (PCT/US99/25075) [87] 2000-05-04 (WO00/25463) [30] US (60/105,825) 1998-10-27</p>	<p style="text-align: right;">[21] 2,349,012 [13] A1</p> <p>[51] Int.Cl. 6D06F 83/00 6D06F 81/14 [25] EN [54] IRONING BOARD COVER [54] HOUSSE DE PLANCHE A REPASSER [72] VIDOVIC, VICKY, AU [72] ALEKSIC, ALEKSANDAR, AU [71] VIDOVIC, VICKY, AU [71] ALEKSIC, ALEKSANDAR, AU [85] 2001-04-26 [86] 1999-08-31 (PCT/AU99/00701) [87] 2000-05-11 (WO00/26462) [30] AU (PP 6839) 1998-10-30</p>
<p style="text-align: right;">[21] 2,349,008 [13] A1</p> <p>[51] Int.Cl. 7A24D 1/04 7A24B 15/00 7B01D 47/00 7B01J 8/00 7A24D 3/04 7C01B 17/16 7A24B 15/18 7C01B 17/20 7A24B 15/28 [25] EN [54] CIGARETTE FILTER [54] FILTRE DE CIGARETTE [72] KOLLER, KENT B., US [72] PAINE, JOHN B. III, US [72] HOUCK, WILLIE G., JR., US [72] WRENN, SUSAN E., US [71] PHILIP MORRIS PRODUCTS INC., US [85] 2001-04-26 [86] 1999-10-29 (PCT/US99/25490) [87] 2000-05-11 (WO00/25611) [30] US (09/181,859) 1998-10-29</p>	<p style="text-align: right;">[21] 2,349,013 [13] A1</p> <p>[51] Int.Cl. 6C07D 209/48 6C07D 401/12 6C07D 211/90 [25] EN [54] INTERMEDIATE FOR THE SYNTHESIS OF AMLODIPINE, PREPARATION PROCESS AND CORRESPONDING UTILIZATION [54] PRODUIT INTERMEDIAIRE POUR LA SYNTHESE D'AMLODIPINE, ET PROCEDE DE PREPARATION ET D'UTILISATION CORRESPONDANTS [72] CAMPON PARDO, JULIO, ES [72] COPPI, LAURA, ES [72] GASANZ GUILLEN, YOLANDA, ES [71] ESTEVE QUIMICA S.A., ES [85] 2001-04-26 [86] 1999-10-18 (PCT/ES99/00333) [87] 2000-05-04 (WO00/24714) [30] ES (P 9802240) 1998-10-26</p>	<p style="text-align: right;">[21] 2,349,013 [13] A1</p> <p>[51] Int.Cl. 6C07D 209/48 6C07D 401/12 6C07D 211/90 [25] EN [54] INTERMEDIATE FOR THE SYNTHESIS OF AMLODIPINE, PREPARATION PROCESS AND CORRESPONDING UTILIZATION [54] PRODUIT INTERMEDIAIRE POUR LA SYNTHESE D'AMLODIPINE, ET PROCEDE DE PREPARATION ET D'UTILISATION CORRESPONDANTS [72] CAMPON PARDO, JULIO, ES [72] COPPI, LAURA, ES [72] GASANZ GUILLEN, YOLANDA, ES [71] ESTEVE QUIMICA S.A., ES [85] 2001-04-26 [86] 1999-10-18 (PCT/ES99/00333) [87] 2000-05-04 (WO00/24714) [30] ES (P 9802240) 1998-10-26</p>

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,349,318 [13] A1</p> <p>[51] Int.Cl. 7A61L 2/18 7A01N 37/16 [25] EN [54] NON-CORROSIVE STERILANT COMPOSITION [54] COMPOSITION DE STERILISATION NON-CORROSIVE [72] RICHTER, FRANCIS L., US [72] REINHARDT, DUANE J., US [72] SWART, SALLY K., US [71] ECOLAB INC., US [85] 2001-05-01 [86] 1999-11-22 (PCT/US99/27699) [87] 2000-06-02 (WO00/30690) [30] US (60/109,565) 1998-11-23</p>	<p style="text-align: right;">[21] 2,349,325 [13] A1</p> <p>[51] Int.Cl. 7C07B 39/00 7C07C 17/16 7C07C 41/22 [25] EN [54] PROCESS FOR CONVERTING AN ALCOHOL TO THE CORRESPONDING FLUORIDE [54] PROCEDE DE CONVERSION D'UN ALCOOL EN FLUORURE CORRESPONDANT [72] SAVU, PATRICIA M., US [72] SNUSTAD, DANIEL C., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-05-01 [86] 1999-08-19 (PCT/US99/18792) [87] 2000-06-02 (WO00/31003) [30] US (09/196,512) 1998-11-20</p>	<p style="text-align: right;">[21] 2,349,336 [13] A1</p> <p>[51] Int.Cl. 6E01D 1/00 [25] EN [54] FAN-POWERED EDGE-OF-DOCK LEVELER [54] APPAREIL DE MISE A NIVEAU DE BORD DE QUAI ACTIONNE PAR VENTILATEUR [72] ROTH, DONALD G., US [72] MEICHTRY, MICHAEL M., US [71] KELLEY COMPANY, INC., US [85] 2001-05-01 [86] 1999-11-05 (PCT/US99/26295) [87] 2000-05-11 (WO00/26471) [30] US (09/186,959) 1998-11-05</p>
<p style="text-align: right;">[21] 2,349,319 [13] A1</p> <p>[51] Int.Cl. 6C09C 3/06 6E04D 7/00 [25] EN [54] FADE RESISTANT BLACK COATING FOR ROOFING GRANULES [54] ENROBAGE NOIR RESISTANT A LA LUMIERE POUR GRANULES DE TOITURE [72] BEESLEY, ARTHUR H., US [72] SOBON, CHRISTINE A., US [72] GEORGE, BILL L., US [72] WALETZKO, NANCY A., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2001-05-01 [86] 1998-09-03 (PCT/US98/18327) [87] 2000-03-16 (WO00/14164)</p>	<p style="text-align: right;">[21] 2,349,326 [13] A1</p> <p>[51] Int.Cl. 7C03B 37/09 7G05D 23/22 [25] EN [54] TIP-PLATE THERMOCOUPLE [54] THERMOCOUPLE COMPORTANT UNE PLAQUE A ETRANGLEMENTS [72] SANIK, PAUL S., US [72] VARRASSO, EUGENE C., US [72] PIERIK, SUSAN M., US [71] OWENS CORNING, US [85] 2001-05-01 [86] 1999-09-27 (PCT/US99/22297) [87] 2000-05-25 (WO00/29343) [30] US (09/190,306) 1998-11-12</p>	<p style="text-align: right;">[21] 2,349,339 [13] A1</p> <p>[51] Int.Cl. 7B23K 37/00 7B29C 65/06 [25] EN [54] IMPROVED METHOD OF SOLID STATE WELDING AND WELDED PARTS [54] PROCEDE AMELIORE DE SOUDURE A L'ETAT SOLIDE ET PARTIES SOUDEES [72] LINGNAU, DAVID, CA [71] INDUSTRIAL FIELD ROBOTICS, US [85] 2001-05-01 [86] 1999-11-01 (PCT/US99/25600) [87] 2000-05-11 (WO00/25973) [30] US (60/106,706) 1998-11-02</p>
<p style="text-align: right;">[21] 2,349,324 [13] A1</p> <p>[51] Int.Cl. 7H04B 1/18 [25] EN [54] RF RECEIVER HAVING CASCADED FILTERS AND AN INTERMEDIATE AMPLIFIER STAGE [54] RECEPTEUR HAUTE FREQUENCE POSSEDANT DES FILTRES EN CASCADE ET UN ETAGE AMPLIFICATEUR INTERMEDIAIRE [72] ABDELMONEM, AMR, US [71] ILLINOIS SUPERCONDUCTOR CORPORATION, US [85] 2001-05-01 [86] 1999-08-05 (PCT/US99/17760) [87] 2000-02-17 (WO00/08775) [30] US (09/130,274) 1998-08-06</p>	<p style="text-align: right;">[21] 2,349,331 [13] A1</p> <p>[51] Int.Cl. 7A61K 39/095 7A61P 31/04 7C07K 14/22 7A61K 38/44 [25] EN [54] MULTICOMPONENT MENINGOCOCCAL VACCINE [54] VACCIN MENINGOCOCCIQUE MULTICOMPOSANT [72] REDDIN, KAREN MARGARET, GB [72] ROBINSON, ANDREW, GB [72] GORRINGE, ANDREW RICHARD, GB [72] HUDSON, MICHAEL JOHN, GB [71] MICROBIOLOGICAL RESEARCH AUTHORITY CAMR (CENTRE FOR APPLIED MICROBIOLOGY, GB [85] 2001-05-01 [86] 1999-11-02 (PCT/GB99/03626) [87] 2000-05-11 (WO00/25811) [30] GB (9823978.3) 1998-11-02</p>	<p style="text-align: right;">[21] 2,349,342 [13] A1</p> <p>[51] Int.Cl. 7A61B 5/055 [25] EN [54] MANGANESE COMPOSITIONS AND METHODS FOR MRI [54] PROCEDE ET COMPOSITIONS DE MANGANESE UTILISES EN IRM [72] SEOANE, PETER R., US [72] HARNISH, PHILLIP P., US [72] VESSEY, ADELE R., US [71] EAGLE VISION PHARMACEUTICAL CORPORATION, US [85] 2001-05-01 [86] 1999-10-26 (PCT/US99/24993) [87] 2000-05-11 (WO00/25671) [30] US (09/184,835) 1998-11-02</p>

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<p style="text-align: right;">[21] 2,349,344 [13] A1</p> <p>[51] Int.Cl. 7H04J 3/07 [25] EN [54] REDUCING WAITING TIME JITTER [54] REDUCTION DE LA GIGUE DE JUSTIFICATION [72] RUDE, MICHAEL J., US [71] ADC TELECOMMUNICATIONS, INC., US [85] 2001-05-01 [86] 1999-11-02 (PCT/US99/25801) [87] 2000-05-11 (WO00/27059) [30] US (09/184,627) 1998-11-02</p>	<p style="text-align: right;">[21] 2,349,356 [13] A1</p> <p>[51] Int.Cl. 7A47C 1/13 7G09F 23/00 [25] EN [54] SEAT WITH ADVERTISING SURFACE [54] SIEGE MUNI D'UNE SURFACE PUBLICITAIRE [72] MEHL, NORBERT, DE [72] MUHLING, GERNOLD, DE [71] MEHL, NORBERT, DE [71] MUHLING, GERNOLD, DE [85] 2001-04-25 [86] 1999-10-11 (PCT/DE99/03288) [87] 2000-05-11 (WO00/25633) [30] DE (198 49 644.3) 1998-10-29</p>	<p style="text-align: right;">[21] 2,349,370 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/30 [25] EN [54] DATA MANAGEMENT SYSTEM [54] SYSTEME DE GESTION DES DONNEES [72] BARRY, MARK E., US [72] MORAN, WILLIAM J., US [72] THORDARSON, PAUL T., US [71] PROMONTORY SOFTWARE TECHNOLOGY, US [85] 2001-04-27 [86] 1999-10-04 (PCT/US99/23057) [87] 2000-04-13 (WO00/21000) [30] US (09/167,835) 1998-10-07</p>
<p style="text-align: right;">[21] 2,349,352 [13] A1</p> <p>[51] Int.Cl. 6B01F 15/00 [25] EN [54] MIXING DEVICE [54] DISPOSITIF MELANGEUR [72] BACHELLIER, CARL R., CA [71] BACHELLIER, CARL R., CA [85] 2001-04-25 [86] 1998-10-27 (PCT/CA98/01004) [87] 1999-05-06 (WO99/21647) [30] US (08/958,563) 1997-10-27</p>	<p style="text-align: right;">[21] 2,349,365 [13] A1</p> <p>[51] Int.Cl. 7B27L 11/00 [25] EN [54] IMPROVED KNIFE HOLDER FOR A CHIPPER DISC [54] PORTE-COUTEAU PERFECTIONNE POUR DECHIQUETEUSE A DISQUE [72] SWARTWOOD, TROY M., US [72] KELLER, DOUGLAS O., US [72] SCHUH, LOREN R., US [71] KEY KNIFE, INC., US [85] 2001-04-27 [86] 1999-11-18 (PCT/US99/27620) [87] 2000-05-25 (WO00/29181) [30] US (09/195,731) 1998-11-18</p>	<p style="text-align: right;">[21] 2,349,371 [13] A1</p> <p>[51] Int.Cl. 7B27L 11/02 [25] EN [54] CHIP AND METHOD FOR THE PRODUCTION OF WOOD PULP [54] COPEAU ET PROCEDE DE PRODUCTION DE PATE DE BOIS [72] CARPENTER, CHARLES THOMAS, US [71] KEY KNIFE, INC., US [85] 2001-04-27 [86] 1999-10-27 (PCT/US99/25352) [87] 2000-05-04 (WO00/24555) [30] US (09/181,035) 1998-10-27</p>
<p style="text-align: right;">[21] 2,349,354 [13] A1</p> <p>[51] Int.Cl. 7A61B 17/86 7A61B 17/68 [25] EN [54] INTERNAL CORD FIXATION DEVICE [54] DISPOSITIF INTERNE DE FIXATION A CORDON [72] DAKIN, EDWARD B., CA [72] LIPPINCOTT, ALBERT L., III, US [71] DAOS LIMITED, CA [85] 2001-04-25 [86] 1999-09-27 (PCT/US99/22387) [87] 2000-04-06 (WO00/18313) [30] US (09/162,036) 1998-09-28</p>	<p style="text-align: right;">[21] 2,349,368 [13] A1</p> <p>[51] Int.Cl. 6C25D 17/12 6C25D 13/22 [25] EN [54] ENHANCED MEMBRANE ELECTRODE DEVICES USEFUL FOR ELECTRODEPOSITION COATING [54] DISPOSITIFS ELECTRODES A MEMBRANE AMELIORES, UTILES POUR L'APPLICATION DE REVETEMENTS PAR ELECTRODEPOSITION [72] LEE, CHENG H., US [71] PTI ADVANCED FILTRATION INC., US [85] 2001-04-27 [86] 1999-10-28 (PCT/US99/23985) [87] 2000-05-11 (WO00/26445) [30] US (09/183,547) 1998-10-30</p>	<p style="text-align: right;">[21] 2,349,372 [13] A1</p> <p>[51] Int.Cl. 7H04N 5/445 [25] EN [54] BROADCAST RECEPTION APPARATUS, BROADCAST RECEPTION SYSTEM, AND PORTABLE INFORMATION TERMINAL [54] APPAREIL DE RECEPTION DE RADIODIFFUSION, SYSTEME DE RECEPTION DE RADIODIFFUSION ET DISPOSITIF PORTATIF [72] KAWAI, EIJI, JP [72] ITO, TAKESHI, JP [71] SONY COMPUTER ENTERTAINMENT INC., JP [85] 2001-04-27 [86] 2000-08-29 (PCT/JP00/05836) [87] 2001-03-08 (WO01/17237) [30] JP (11/243602) 1999-08-30</p>

Demandes PCT entrant en phase nationale

[21] **2,349,460**
[13] A1
[51] **Int.Cl. 7H04L 12/18 7H04L 29/06**
[25] EN
[54] **APPARATUS AND METHOD FOR LIMITING UNAUTHORIZED ACCESS TO A NETWORK MULTICAST**
[54] **APPAREIL ET PROCEDE PERMETTANT DE LIMITER LES ACCES ILLICITES A UNE MULTI-DIFFUSION SUR RESEAU**
[72] HARDJONO, THOMAS, US
[71] NORTEL NETWORKS LIMITED, CA
[85] 2001-05-03
[86] 1999-12-03 (PCT/CA99/01163)
[87] 2000-06-08 (WO00/33509)
[30] US (09/204,930) 1998-12-03

[21] **2,349,470**
[13] A1
[51] **Int.Cl. 6H04Q 7/20**
[25] EN
[54] **MULTIPLE INPUT DATA MANAGEMENT FOR WIRELESS LOCATION-BASED APPLICATIONS**
[54] **GESTION DE PLUSIEURS DONNEES D'ENTREE POUR DES APPLICATIONS SANS FIL DEPENDANT DE LA LOCALISATION**
[72] FITCH, JAMES, US
[72] HOSE, DAVID L., US
[72] MC KNIGHT, MICHAEL, US
[71] SIGNALSOFT CORP., US
[85] 2001-05-03
[86] 1999-11-03 (PCT/US99/25838)
[87] 2000-05-11 (WO00/27143)
[30] US (60/106,816) 1998-11-03
[30] US (09/396,235) 1999-09-15

[21] **2,349,472**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR MULTICURRENCY AND MULTIBANK PROCESSING OVER A NON-SECURE NETWORK**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT MULTIDEVISES ET MULTIBANQUES VIA UN RESEAU NON PROTEGE**
[72] MORAN, BRIAN A., US
[72] MASCIO, KENNETH, US
[72] ADLER, LYNN A., US
[72] BRIODY, CLARE K., US
[72] EMERY, IAN K., US
[72] JOU, BRIAN, US
[72] BING, ROBERT L., US
[72] BOYLE, JAMES M., US
[71] THE CHASE MANHATTAN BANK, US
[85] 2001-05-03
[86] 1999-11-12 (PCT/US99/27035)
[87] 2000-05-25 (WO00/30007)
[30] US (60/108,286) 1998-11-13

[21] **2,349,474**
[13] A1
[51] **Int.Cl. 7C08J 3/20 7C08K 9/04 7C08K 9/08**
[25] EN
[54] **NANOCOMPOSITE**
[54] **NANOCOMPOSITE**
[72] CHOU, CHAI-JING, US
[72] GARCIA-MEITIN, EDDY I., US
[71] THE DOW CHEMICAL COMPANY, US
[85] 2001-05-03
[86] 1999-11-04 (PCT/US99/25974)
[87] 2000-05-25 (WO00/29467)
[30] US (60/107,235) 1998-11-05
[30] US (60/108,979) 1998-11-18

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[13] A1
[51] **Int.Cl. 7C07D 471/14 7A61K 31/44**
[25] EN
[54] **IMIDAZONAPHTHYRIDINES**
[54] **IMIDAZONAPHTYRIDINES**
[72] SENN-BILFINGER, JORG, DE
[71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE
[85] 2001-05-03
[86] 1999-10-29 (PCT/EP99/08227)
[87] 2000-05-11 (WO00/26217)
[30] EP (98120834.1) 1998-11-03

[21] **2,349,480**
[13] A1
[51] **Int.Cl. 6B05D 1/36 6B32B 17/06 6B32B 17/10 6B05D 3/10**
[25] EN
[54] **CAPPED SILICONE FILM AND METHOD OF MANUFACTURE THEREOF**
[54] **FILM DE SILICONE COIFFEE ET SON PROCEDE D'OBTENTION**
[72] HAYDEN, DON, US
[71] DIAMON-FUSION INTERNATIONAL, INC., US
[85] 2001-05-03
[86] 1999-01-29 (PCT/US99/01939)
[87] 2000-05-11 (WO00/25938)
[30] US (09/185,202) 1998-11-03

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[13] A1
[51] **Int.Cl. 7B65F 1/14 7A47B 83/04 7A47G 29/06 7A47B 13/16**
[25] EN
[54] **WASTE BIN**
[54] **POUBELLE**
[72] GOTESSON, OLA, SE
[71] GOTESSONS INDUSTRI AB, SE
[85] 2001-05-03
[86] 1999-11-06 (PCT/SE99/02018)
[87] 2000-05-18 (WO00/27731)
[30] SE (9803792-2) 1998-11-06

[21] **2,349,484**
[13] A1
[51] **Int.Cl. 7A21C 9/04 7A21D 8/02 7A21D 13/08**
[25] EN
[54] **METHOD FOR PREPARING BAKERY GOODS HAVING EDIBLE PARTICLES ON A TOP SURFACE AND BAKERY GOODS PREPARED THEREBY**
[54] **PROCEDE DE PREPARATION DE PRODUITS DE BOULANGERIE CONTENANT DES PARTICULES COMESTIBLES SUR UNE SURFACE SUPERIEURE ET PRODUITS DE BOULANGERIE CORRESPONDANTS**
[72] STONEHILL-BADARACCO, SUZY J., US
[72] MCCONN, JAY A., US
[72] TAYLOR, JANA D., US
[72] BROWN, VALERTINE III, US
[71] MARS, INCORPORATED, US
[85] 2001-05-03
[86] 1999-11-08 (PCT/US99/26319)
[87] 2000-05-18 (WO00/27208)
[30] US (09/187,437) 1998-11-06

PCT Applications Entering the National Phase

[21] **2,349,489**
[13] A1

[51] **Int.Cl. 7C08K 3/34 7C08K 3/36**
[25] EN
[54] **RESIN COMPOSITIONS, METHOD OF PRODUCING RESIN COMPOSITIONS AND FILLER BLENDS FOR USE IN RESIN COMPOSITIONS**
[54] **COMPOSITIONS DE RESINES, PROCEDE DE PRODUCTION DE CES COMPOSITIONS DE RESINES, ET MELANGES DE CHARGES DESTINES A ETRE UTILISES DANS CES COMPOSITIONS DE RESINES**
[72] DANIELSSEN, TORE, NO
[72] SANDELIN, BJORN, FI
[72] LINNEBO, ANNE KATHRINE, NO
[71] MONDO MINERALS OY, FI
[71] ELKEM ASA, NO
[85] 2001-05-04
[86] 1999-11-08 (PCT/NO99/00336)
[87] 2000-05-18 (WO00/27911)
[30] NO (19985211) 1998-11-09

[21] **2,349,518**
[13] A1

[51] **Int.Cl. 7G01N 35/00**
[25] EN
[54] **TRACKABLE OPTICAL DISCS WITH CONCURRENTLY READABLE ANALYTE MATERIAL**
[54] **DISQUES OPTIQUES LISIBLES PORTANT UN MATERIAU ANALYTE POUVANT ETRE LU SIMULTANEMENT**
[72] VIRTANEN, JORMA, US
[72] WORTHINGTON, MARK O., US
[71] BURSTEIN TECHNOLOGIES, INC., US
[85] 2001-04-27
[86] 1999-10-26 (PCT/US99/25136)
[87] 2000-05-11 (WO00/26677)
[30] US (09/183,842) 1998-10-30
[30] US (09/311,329) 1999-05-14
[30] US (60/134,368) 1999-05-14

[21] **2,349,519**
[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **AN AGILE NETWORK PROTOCOL FOR SECURE COMMUNICATIONS WITH ASSURED SYSTEM AVAILABILITY**
[54] **PROTOCOLE DE RESEAU AGILE OFFRANT DES COMMUNICATIONS SURES AVEC UNE DISPONIBILITE DU SYSTEME ASSUREE**
[72] GLIGOR, VIRGIL D., US
[72] SCHMIDT, DOUGLAS CHARLES, US
[72] MUNGER, EDMUND C., US
[72] SABIO, VINCENT J., US
[72] SHORT, ROBERT DUNHAM III, US
[71] SCIENCE APPLICATIONS INTERNATIONAL CORPORATION, US
[85] 2001-04-27
[86] 1999-10-29 (PCT/US99/25325)
[87] 2000-05-11 (WO00/27086)
[30] US (60/106,261) 1998-10-30
[30] US (60/137,704) 1999-06-07

[21] **2,349,520**
[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **AN AGILE NETWORK PROTOCOL FOR SECURE COMMUNICATIONS WITH ASSURED SYSTEM AVAILABILITY**
[54] **PROTOCOLE DE RESEAU AGILE OFFRANT DES COMMUNICATIONS SURES AVEC UNE DISPONIBILITE DU SYSTEME ASSUREE**
[72] SCHMIDT, DOUGLAS CHARLES, US
[72] SABIO, VINCENT J., US
[72] MUNGER, EDMUND C., US
[72] GLIGOR, VIRGIL D., US
[72] SHORT, ROBERT DUNHAM III, US
[71] SCIENCE APPLICATIONS INTERNATIONAL CORPORATION, US
[85] 2001-04-27
[86] 1999-10-29 (PCT/US99/25323)
[87] 2000-05-11 (WO00/27090)
[30] US (60/106,261) 1998-10-30
[30] US (60/137,704) 1999-06-07

[21] **2,349,521**
[13] A1

[51] **Int.Cl. 7H05B 33/26 7H05B 33/06 7H05B 33/10 7H05B 33/14 7H05B 33/20 7H05B 33/22 7H05B 33/28**
[25] EN
[54] **ELECTROLUMINESCENT DEVICE AND METHOD FOR THE PRODUCTION OF THE SAME**
[54] **DISPOSITIF ELECTROLUMINESCENT, ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] ARAKI, YOSHINORI, JP
[72] ABE, HIDETOSHI, JP
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2001-04-27
[86] 1999-09-21 (PCT/US99/21915)
[87] 2000-05-11 (WO00/27169)
[30] JP (10/310199) 1998-10-30

[21] **2,349,522**
[13] A1

[51] **Int.Cl. 7G08B 5/36 7E01F 9/011 7B64F 1/18**
[25] EN
[54] **SIGNALLING BEACON**
[54] **BALISE DE SIGNALISATION**
[72] JORBA GONZALEZ, JOSE, ES
[71] INNOVACIO VIARIA, S.L., ES
[85] 2001-04-27
[86] 1999-09-02 (PCT/ES99/00282)
[87] 2001-03-15 (WO01/18761)

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[21] **2,349,523**
[13] A1

[51] **Int.Cl. 7C07J 41/00 7C07J 9/00 7A61K 31/575**
[25] EN
[54] **BILE-ACID SUBSTITUTED PHENYL ALKENOYL GUANIDINES, METHOD FOR THE PRODUCTION THEREOF, USE THEREOF AS MEDICAMENTS OR DIAGNOSTIC AGENTS AND MEDICAMENTS THAT CONTAIN THEM**
[54] **PHENYL-ALCENOYL GUANIDINES SUBSTITUEES AU NIVEAU DES ACIDES BILIAIRES, LEURS PROCEDES DE PRODUCTION, LEUR UTILISATION COMME MEDICAMENTS OU AGENTS DE DIAGNOSTIC, ET MEDICAMENTS LES CONTENANT**
[72] JANSEN, HANS-WILLI, DE
[72] KRAMER, WERNER, DE
[72] ENHSEN, ALFONS, DE
[72] WEICHERT, ANDREAS, DE
[72] SCHWARK, JAN-ROBERT, DE
[72] FALK, EUGEN, DE
[72] LANG, HANS JOCHEN, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2001-04-27
[86] 1999-10-15 (PCT/EP99/07828)
[87] 2000-05-04 (WO00/24761)
[30] DE (198 49 722.9) 1998-10-28

[21] **2,349,524**
[13] A1

[51] **Int.Cl. 6B23B 5/04**
[25] EN
[54] **APPARATUS FOR AUTOMATICALLY COMPENSATING FOR LATERAL RUNOUT**
[54] **APPAREIL POUR LA COMPENSATION AUTOMATIQUE DU FAUX-ROND LATERAL**
[72] NEWELL, HAROLD, US
[72] WILLEY, JOSEPH B., US
[72] WIGGINS, JOHN, US
[71] WILLEY, JOSEPH B., US
[85] 2001-04-27
[86] 1999-10-26 (PCT/US99/24986)
[87] 2000-05-11 (WO00/25962)
[30] US (09/182,429) 1998-10-30

[21] **2,349,525**
[13] A1

[51] **Int.Cl. 6A47L 25/00**
[25] EN
[54] **DISPLAY SCREEN CLEANING TOOL**
[54] **OUTIL DE NETTOYAGE D'ECRAN D'AFFICHAGE**
[72] DEVANEY, THOMAS W., US
[72] PLAKCY, STEPHEN M., US
[71] DEVANEY, THOMAS W., US
[71] PLAKCY, STEPHEN M., US
[85] 2001-04-27
[86] 1999-11-03 (PCT/US99/25832)
[87] 2000-05-11 (WO00/25659)
[30] US (09/185,994) 1998-11-04

[21] **2,349,526**
[13] A1

[51] **Int.Cl. 7C11D 11/00 7C11D 3/22 7C11D 3/37 7C11D 3/382 7C11D 3/384**
[25] EN
[54] **SURFACE ADHESION MODIFYING COMPOSITIONS**
[54] **COMPOSITIONS MODIFIANT L'ADHERENCE A UNE SURFACE**
[72] SCHEPER, WILLIAM MICHAEL, US
[72] BAKER, KEITH HOMER, US
[72] EL-NOKALY, MAGDA, US
[72] KASTURI, CHANDRIKA, US
[72] LIN, PETER YAU-TAK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-27
[86] 1999-11-16 (PCT/US99/26967)
[87] 2000-05-25 (WO00/29538)
[30] US (60/108,599) 1998-11-16

[21] **2,349,528**
[13] A1

[51] **Int.Cl. 7C11D 3/00**
[25] EN
[54] **BLEACHING COMPOSITIONS**
[54] **COMPOSITIONS DE BLANCHIMENT**
[72] DE BUZZACCARINI, FRANCESCO, BE
[72] SCIALLA, STEFANO, IT
[72] DRESCO, PIERRE ANTOINE, IT
[72] BURNS, MICHAEL EUGENE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-27
[86] 1999-11-10 (PCT/US99/26606)
[87] 2000-05-18 (WO00/27960)
[30] US (PCT/US98/23989) 1998-11-10

[21] **2,349,545**
[13] A1

[51] **Int.Cl. 6B65D 88/54**
[25] EN
[54] **ATOMIZING PUMP SPRAY**
[54] **POMPE DE PULVERISATION**
[72] OLEGNOWICZ, ISRAEL, US
[71] OLEGNOWICZ, ISRAEL, US
[85] 2001-04-27
[86] 1999-10-29 (PCT/US99/25475)
[87] 2000-05-11 (WO00/26118)
[30] US (09/183,492) 1998-10-30

[21] **2,349,546**
[13] A1

[51] **Int.Cl. 7G05B 19/042**
[25] EN
[54] **DISTRIBUTED LIFE CYCLE DEVELOPMENT TOOL FOR CONTROLS**
[54] **OUTIL DE DEVELOPPEMENT A DUREE DISTRIBUEE, DESTINE A DES APPAREILS DE COMMANDES**
[72] GASTON, MICHAEL T., US
[72] COOK, DAVID, US
[72] LECHLER, CARL J., US
[72] MATT, TIMOTHY S., US
[72] HENDRICK, GARY D., US
[72] GANDHI, GOUTAM, US
[72] POTTER, VICTOR L., US
[71] ROBERTSHAW CONTROLS COMPANY, US
[85] 2001-04-27
[86] 1999-11-02 (PCT/US99/25618)
[87] 2000-05-11 (WO00/26732)
[30] US (60/106,804) 1998-11-03
[30] US (60/112,964) 1998-12-18
[30] US (09/378,509) 1999-08-20

[21] **2,349,547**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **PROVIDING A CREDIT CARD TO ANOTHER PERSON WHERE SAID PERSON DOES NOT HAVE POSSESSION OF SAID CARD**
[54] **DELIVRANCE D'UNE CARTE DE CREDIT VIRTUELLE A UNE PERSONNE**
[72] KORFMANN, ROGER, US
[72] GILLIN, MATTHEW J., US
[71] C/BASE, INC., US
[85] 2001-04-27
[86] 1999-10-13 (PCT/US99/23502)
[87] 2000-05-18 (WO00/28461)
[30] US (09/188,810) 1998-11-09

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<p style="text-align: right;">[21] 2,349,548 [13] A1</p> <p>[51] Int.Cl. 7G01N 15/14 [25] EN [54] A METHOD FOR THE ASSESSMENT OF PARTICLES AND A SYSTEM AND A DEVICE FOR USE IN THE METHOD [54] PROCEDE ET DISPOSITIF D'ANALYSE DE PARTICULES ET SYSTEME ET DISPOSITIF UTILISES PAR CE PROCEDE [72] GLENSBJERG, MARTIN, DK [71] CHEMOMETEC A/S, DK [85] 2001-04-27 [86] 1999-11-05 (PCT/DK99/00605) [87] 2000-05-18 (WO00/28297) [30] DK (PA 1998 01433) 1998-11-05 [30] DK (PA 1998 01469) 1998-11-11</p>	<p style="text-align: right;">[21] 2,349,550 [13] A1</p> <p>[51] Int.Cl. 7G02F 1/03 7G02F 1/035 [25] EN [54] ELECTROSTRICTIVE FIBER MODULATORS [54] MODULATEURS EN FIBRE ELETROSTRICTIVE [72] KINO, GORDON S., US [72] LIU, ALICE, US [72] DIGONNET, MICHEL J. F., US [71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US [85] 2001-04-27 [86] 1999-10-28 (PCT/US99/25384) [87] 2000-06-08 (WO00/33125) [30] US (60/106,424) 1998-10-31 [30] US (60/106,682) 1998-11-02 [30] US (09/259,832) 1999-03-01</p>	<p style="text-align: right;">[21] 2,349,553 [13] A1</p> <p>[51] Int.Cl. 6B60R 22/12 6D03D 1/00 [25] EN [54] INTERWOVEN BELT FABRIC [54] TISSU ENTRELACE POUR COURROIES [72] MOL, EDWARD T., US [71] MOL BELTING COMPANY, US [85] 2001-04-27 [86] 1999-10-29 (PCT/US99/25515) [87] 2000-05-11 (WO00/26067) [30] US (60/106,241) 1998-10-29</p>
<p style="text-align: right;">[21] 2,349,549 [13] A1</p> <p>[51] Int.Cl. 7A01J 5/013 [25] EN [54] A SYSTEM FOR REGULATING THE HANDLING OF MILK DURING THE MILKING PROCESS AND A METHOD FOR REGULATING SAID MILKING PROCESS [54] SYSTEME DE REGULATION DE LA MANIPULATION DU LAIT AU COURS DU PROCESSUS DE TRAITE ET TECHNIQUE DE REGULATION DE CE PROCESSUS [72] GLENSBJERG, MARTIN, DK [72] ARNVIDARSON, BORKUR, DK [71] CHEMOMETEC A/S, DK [85] 2001-04-27 [86] 1999-11-05 (PCT/DK99/00606) [87] 2000-05-18 (WO00/27183) [30] DK (PA 1998 01437) 1998-11-05 [30] DK (PA 1998 01468) 1998-11-11</p>	<p style="text-align: right;">[21] 2,349,551 [13] A1</p> <p>[51] Int.Cl. 7C04B 41/46 [25] EN [54] METHOD FOR PROTECTING AND CONSOLIDATING CALCAREOUS MATERIALS [54] PROCEDE SERVANT A PROTEGER ET A CONSOLIDER DES MATERIAUX CALCAIRES [72] WEISS, NORMAN R., US [72] SLAVID, IRVING O., US [71] MCC MATERIALS, INCORPORATED, US [85] 2001-04-27 [86] 1999-10-28 (PCT/US99/25447) [87] 2000-05-11 (WO00/26158) [30] US (60/106,144) 1998-10-29</p>	<p style="text-align: right;">[21] 2,349,554 [13] A1</p> <p>[51] Int.Cl. 7F16B 39/282 [25] EN [54] FASTENER [54] ATTACHE [72] HEWGILL, JOHN, US [71] DUOCAM INC., CA [85] 2001-04-27 [86] 1999-10-27 (PCT/CA99/00985) [87] 2000-05-11 (WO00/26547) [30] US (09/183,640) 1998-10-30</p>
	<p style="text-align: right;">[21] 2,349,552 [13] A1</p> <p>[51] Int.Cl. 7B01J 35/02 7B01J 32/00 7B01J 19/12 [25] EN [54] PHOTOCATALYTIC FILTER WITH FIBER GLASS MAT CARRIER [54] FILTRE PHOTOCATALYTIQUE AVEC SUPPORT FORME D'UN MAT EN FIBRES DE VERRE [72] MORFESIS, ANASTASIA, US [72] LAMMON-HILINSKI, KAMI, US [72] UNITES, THOMAS P., US [71] PPG INDUSTRIES OHIO, INC., US [85] 2001-04-27 [86] 1999-10-26 (PCT/US99/25125) [87] 2000-05-11 (WO00/25919) [30] US (09/183,570) 1998-10-30</p>	<p style="text-align: right;">[21] 2,349,555 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/202 7A61P 19/02 7A61P 19/08 7A61K 31/192 7A61K 31/196 7A61K 31/203 7A61K 31/235 7A61K 31/352 7A61K 31/381 7A61K 31/382 7A61K 31/655 [25] EN [54] COMPOSITION AND USE OF RAR ANTAGONISTS FOR PROMOTING CHONDROGENESIS [54] COMPOSITION A BASE D'ANTAGONISTES DES RAR ET SON UTILISATION POUR FAVORISER LA CHONDROGENESE [72] WESTON, ANDREA DAWN, CA [72] UNDERHILL, TULLY MICHAEL, CA [71] THE UNIVERSITY OF WESTERN ONTARIO, CA [85] 2001-05-04 [86] 1999-11-19 (PCT/CA99/01106) [87] 2000-06-02 (WO00/30635) [30] CA (2,254,429) 1998-11-19</p>

Demandes PCT entrant en phase nationale

[21] **2,349,562**
[13] A1
[51] **Int.Cl. 7A61L 27/38 7A61L 27/00**
[25] EN
[54] **SOFT TISSUE XENOGRAFTS**
[54] **XENOGREFFES DE TISSUS MOUS**
[72] GALILI, URI, US
[72] STONE, KEVIN R., US
[71] PHILADELPHIA HEALTH AND
EDUCATION CORPORATION, US
[71] CROSSCART, INC., US
[85] 2000-09-06
[86] 1998-05-27 (PCT/US98/10742)
[87] 1999-09-10 (WO99/44533)
[30] US (09/036,070) 1998-03-06
[30] US (09/036,087) 1998-03-06
[30] US (09/036,088) 1998-03-06
[30] US (09/036,098) 1998-03-06
[30] US (09/036,171) 1998-03-06
[30] US (09/036,172) 1998-03-06

[21] **2,349,563**
[13] A1
[51] **Int.Cl. 6B08B 7/00 6B23K 26/00**
[25] EN
[54] **METHOD FOR CLEANING
ARTWORK**
[54] **PROCEDE DE NETTOYAGE
D'OBJETS D'ART**
[72] DECRUZ, ADELE, US
[72] WOLBARSH, MYRON, L., US
[71] DECRUZ, ADELE, US
[85] 2001-03-09
[86] 1999-07-26 (PCT/US99/16861)
[87] 2000-03-23 (WO00/15360)
[30] US (09/151,161) 1998-09-10

[21] **2,349,564**
[13] A1
[51] **Int.Cl. 7G10L 13/04 7G10L 15/26
7G06F 17/27**
[25] EN
[54] **VOICE COMMAND NAVIGATION
OF ELECTRONIC MAIL READER**
[54] **NAVIGATION PAR COMMANDE
VOCALE POUR LECTEUR DE
COURRIER ELECTRONIQUE**
[72] VAN TICHELEN, LUC, BE
[71] LERNOUT & HAUSPIE SPEECH
PRODUCTS N.V., BE
[85] 2001-03-30
[86] 1999-09-30 (PCT/IB99/01689)
[87] 2000-04-06 (WO00/19408)
[30] US (60/102,472) 1998-09-30
[30] US (09/408,923) 1999-09-30

[21] **2,349,566**
[13] A1
[51] **Int.Cl. 7C08G 77/20 7A61F 9/013
7G02B 1/04 7A61L 27/18**
[25] EN
[54] **PHOTOCURABLE SILOXANE
POLYMERS**
[54] **POLYMERES DE SILOXANE
PHOTODURCISSABLES**
[72] HODD, KENNETH A., GB
[72] NORRBY, SVERKER, NL
[71] PHARMACIA GRONINGEN B.V., NL
[85] 2001-04-05
[86] 1999-10-11 (PCT/EP99/07781)
[87] 2000-04-20 (WO00/22460)
[30] SE (9803481-2) 1998-10-13

[21] **2,349,568**
[13] A1
[51] **Int.Cl. 7H01L 23/367 7H01L 23/40
7H01L 21/48**
[25] EN
[54] **HEAT SINK INCLUDING A HEAT
DISSIPATING FIN AND METHOD FOR
FIXING THE HEAT DISSIPATING FIN**
[54] **DISSIPATEUR THERMIQUE
COMPRENANT UNE AILETTE
DISSIPANT LA CHALEUR ET
PROCEDE DE FIXATION DE CETTE
AILETTE**
[72] SASAKI, CHIYOSHI, JP
[72] SOTANI, JUNJI, JP
[72] OOTORI, YASUHIRO, JP
[72] HAMA, TOSHIKATSU, JP
[72] OHMI, MASARU, JP
[71] SONY COMPUTER
ENTERTAINMENT INC., JP
[85] 2001-04-17
[86] 2000-08-15 (PCT/JP00/05463)
[87] 2001-02-22 (WO01/13430)
[30] JP (11/231437) 1999-08-18

[21] **2,349,569**
[13] A1
[51] **Int.Cl. 7G06F 12/08**
[25] EN
[54] **NON-UNIFORM MEMORY
ACCESS (NUMA) DATA PROCESSING
SYSTEM THAT SPECULATIVELY
FORWARDS A READ REQUEST TO A
REMOTE PROCESSING NODE**
[54] **SYSTEME DE TRAITEMENT DE
DONNEES A ACCES MEMOIRE NON
UNIFORME (NUMA) TRANSFERANT
SPECULATIVEMENT UNE DEMANDE
DE LECTURE A UN NOEUD DE
TRAITEMENT ELOIGNE**
[72] ELMAN, ANNA, US
[72] DEAN, MARK EDWARD, US
[72] BAUMGARTNER, YOANNA, US
[71] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[85] 2001-04-17
[86] 1999-12-10 (PCT/GB99/04204)
[87] 2000-06-22 (WO00/36514)
[30] US (09/211,351) 1998-12-15

[21] **2,349,570**
[13] A1
[51] **Int.Cl. 7G01R 31/36**
[25] EN
[54] **BATTERY PACK HAVING A
STATE OF CHARGE INDICATOR**
[54] **BLOC-BATTERIE DOTE D'UN
INDICATEUR D'ETAT DE CHARGE**
[72] KLEIN, DAVID N., US
[71] DURACELL INC., US
[85] 2001-04-18
[86] 1999-10-20 (PCT/US99/24470)
[87] 2000-04-27 (WO00/23810)
[30] US (09/176,574) 1998-10-21

[21] **2,349,571**
[13] A1
[51] **Int.Cl. 6A61C 8/00**
[25] EN
[54] **DENTAL IMPLANT AND METHOD
FOR INSTALLING SAME**
[54] **IMPLANT DENTAIRE ET
METHODE POUR SON INSTALLATION**
[72] URA, ROBERT S., US
[71] ALTIVA CORPORATION, US
[85] 2001-04-19
[86] 1999-10-19 (PCT/US99/24364)
[87] 2000-04-27 (WO00/23003)
[30] US (09/175,007) 1998-10-19

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,349,576 [13] A1</p> <p>[51] Int.Cl. 6G06K 9/00 [25] EN [54] METHOD AND APPARATUS FOR SHOOTING USING BIOMETRIC RECOGNITION [54] PROCEDE ET APPAREIL DE TIR UTILISANT LA RECONNAISSANCE BIOMETRIQUE [72] BROOKS, JULIANA H. J., US [71] QUID TECHNOLOGIES, LLC, US [85] 2001-04-19 [86] 1999-10-20 (PCT/US99/24814) [87] 2000-05-11 (WO00/26848) [30] US (09/183,923) 1998-10-30</p>	<p style="text-align: right;">[21] 2,349,581 [13] A1</p> <p>[51] Int.Cl. 7A61K 39/395 [25] EN [54] ANTI-ICAM-R ANTIBODY-INDUCED APOPTOSIS [54] APOPTOSE INDUITE PAR UN ANTICORPS ANTI-ICAM-R [72] SANDMAIER, BRENDA, US [72] STUCKI, ANNE, CH [71] FRED HUTCHINSON CANCER RESEARCH CENTER, US [85] 2001-04-20 [86] 1999-11-17 (PCT/US99/27327) [87] 2000-05-25 (WO00/29020) [30] US (09/193,548) 1998-11-17</p>	<p style="text-align: right;">[21] 2,349,584 [13] A1</p> <p>[51] Int.Cl. 6H04L 12/28 [25] EN [54] NODE INSERTION AND REMOVAL IN A LOOP NETWORK [54] INSERTION ET ENLEVEMENT DE NOEUD DANS UN RESEAU EN BOUCLE [72] HENSON, KARL M., US [72] BREWER, DAVID, US [72] BALDWIN, DAVID, US [71] EMULEX CORPORATION, US [85] 2001-04-20 [86] 1999-10-21 (PCT/US99/24893) [87] 2000-04-27 (WO00/24162) [30] US (09/177,550) 1998-10-22</p>
<p style="text-align: right;">[21] 2,349,579 [13] A1</p> <p>[51] Int.Cl. 7B23Q 1/56 7B23Q 1/54 [25] EN [54] ARTICULATED TOOL HEAD [54] TETE D'OUTIL ARTICULE [72] WAHL, JOACHIM, DE [71] DS TECHNOLOGIE WERKZEUGMASCHINENBAU GMBH, DE [85] 2001-04-19 [86] 1999-10-20 (PCT/EP99/07960) [87] 2000-05-11 (WO00/25976) [30] DE (198 48 396.1) 1998-10-21 [30] DE (198 50 708.9) 1998-11-03</p>	<p style="text-align: right;">[21] 2,349,582 [13] A1</p> <p>[51] Int.Cl. 7A63B 69/36 [25] EN [54] GOLF TRAINING DEVICE [54] DISPOSITIF D'ENTRAINEMENT AU GOLF [72] SKALEN, JOHN, SE [71] HOMERANGE AB, SE [85] 2001-04-20 [86] 1999-09-22 (PCT/SE99/01664) [87] 2000-04-13 (WO00/20079) [30] SE (9803213-9) 1998-09-22</p>	<p style="text-align: right;">[21] 2,349,585 [13] A1</p> <p>[51] Int.Cl. 7B60R 22/03 7B60R 22/26 [25] EN [54] VEHICLE RESTRAINT PRESENTING SYSTEM [54] DISPOSITIF DE PRESENTATION POUR CEINTURE DE SECURITE [72] TOWNSEND, JOHN A., US [72] EL-SAYED, MOHAMED, US [72] VAUGHAN, RICHARD R., US [71] JOALTO DESIGN, INC., US [85] 2001-04-20 [86] 1999-10-04 (PCT/US99/23040) [87] 2000-04-20 (WO00/21801) [30] US (09/169,070) 1998-10-09</p>
<p style="text-align: right;">[21] 2,349,580 [13] A1</p> <p>[51] Int.Cl. 7C07F 9/09 7C08G 65/335 7D06P 1/667 [25] EN [54] PHOSPHORIC ACID ESTERS [54] ESTERS D'ACIDE PHOSPHORIQUE [72] VOGT, UWE, DE [72] HEINEN, RALF, DE [72] RIEGELS, MARTIN, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2001-04-20 [86] 1999-10-12 (PCT/EP99/07667) [87] 2000-05-04 (WO00/24749) [30] DE (198 48 894.7) 1998-10-23</p>	<p style="text-align: right;">[21] 2,349,583 [13] A1</p> <p>[51] Int.Cl. 7C08G 63/672 7C08G 63/82 [25] EN [54] PREPARATION OF A COPOLYETHER ESTER [54] PREPARATION D'UN ESTER DE COPOLYETHER [72] WARNIER, JEAN MARIE MARTINUS, NL [72] WEREMEUS BUNING, GERARD HIDDE, NL [72] DIJKSTRA, KRIJN, NL [72] BONTE, GEERT IMELDA VALERE, BE [71] DSM N.V., NL [85] 2001-04-20 [86] 1999-10-18 (PCT/NL99/00647) [87] 2000-05-04 (WO00/24803) [30] NL (1010385) 1998-10-23</p>	<p style="text-align: right;">[21] 2,349,590 [13] A1</p> <p>[51] Int.Cl. 6A61F 9/00 6A61F 5/56 [25] EN [54] PUNCTUM PLUG [54] BOUCHON POUR POINT LACRYMAL [72] WEBB, NICHOLAS J., US [71] EAGLE VISION, INC., US [85] 2001-05-03 [86] 1999-11-05 (PCT/US99/26152) [87] 2000-05-18 (WO00/27321) [30] US (09/188,011) 1998-11-06</p>

Demandes PCT entrant en phase nationale

[21] **2,349,591**
[13] A1

[51] **Int.Cl. 7C09D 11/00**
[25] EN
[54] **JET INK COMPOSITION**
[54] **COMPOSITION D'ENCRE POUR IMPRIMANTE A JET D'ENCRE**
[72] ZOU, WAN KANG, US
[72] DONG, QIAO QIAO, US
[72] XIAO, FENGFEL, US
[72] WOODCOCK, CARRIE, US
[72] WANG, XIAOMANG, US
[71] MARCONI DATA SYSTEMS INC., US
[85] 2001-05-03
[86] 1999-11-04 (PCT/GB99/03660)
[87] 2000-05-18 (WO00/27935)
[30] US (09/187,390) 1998-11-06
[30] US (09/329,232) 1999-06-10

[21] **2,349,592**
[13] A1

[51] **Int.Cl. 7A01N 37/18 7A01N 43/04 7A01N 43/90**
[25] EN
[54] **USE OF GM-CSF TO INHIBIT DEVELOPMENT OF DRUG RESISTANCE IN HIV+ PATIENTS**
[54] **UTILISATION D'UN FACTEUR STIMULANT LA PROLIFERATION DES MACROPHAGES-GRANULOCYTES (GM-CSF) POUR INHIBER LE DEVELOPPEMENT D'UNE RESISTANCE AUX MEDICAMENTS CHEZ DES PATIENTS SEROPOSITIFS**
[72] GILBERT, MARK J., US
[71] IMMUNEX CORPORATION, US
[85] 2001-05-03
[86] 1999-10-22 (PCT/US99/24857)
[87] 2000-05-18 (WO00/27196)
[30] US (09/187,784) 1998-11-06

[21] **2,349,593**
[13] A1

[51] **Int.Cl. 7G01N 33/68 7C07K 14/47**
[25] EN
[54] **S100 PROTEINS AND AUTOANTIBODIES AS SERUM MARKERS FOR CANCER**
[54] **PROTEINES S100 ET AUTO-ANTICORPS COMME MARQUEURS SERIQUES POUR LE CANCER**
[72] PRASANAN, LATHA, US
[72] MISEK, DAVID, US
[72] HANASH, SAMIR M., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2001-05-04
[86] 1999-11-05 (PCT/US99/26226)
[87] 2000-05-11 (WO00/26668)
[30] US (60/107,209) 1998-11-05

[21] **2,349,594**
[13] A1

[51] **Int.Cl. 7C12N 15/86 7C07K 14/075 7C12N 5/10**
[25] EN
[54] **CELLS FOR THE PRODUCTION OF HELPER DEPENDENT ADENOVIRAL VECTORS**
[54] **CELLULES POUR PRODUIRE DES VECTEURS ADENOVIRAUX DEPENDANT DE VIRUS AUXILIAIRES, ET PROCEDE DE PREPARATION ET D'UTILISATION DE CES CELLULES**
[72] COLLOCA, STEFANO, IT
[71] ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A., IT
[85] 2001-05-04
[86] 1999-11-08 (PCT/IT99/00356)
[87] 2000-05-18 (WO00/28060)
[30] IT (RM98A000694) 1998-11-06

[21] **2,349,595**
[13] A1

[51] **Int.Cl. 6G01N 27/26**
[25] EN
[54] **A MINIATURE SUPPORT FOR THIN FILMS CONTAINING SINGLE CHANNELS OR NANOPORES AND METHODS FOR USING SAME**
[54] **SUPPORT MINIATURE POUR FILMS MINCES CONTENANT DES CANAUX UNIQUES OU DES NANOPORES ET PROCEDES D'UTILISATION DE CES DERNIERS**
[72] AKESON, MARK A., US
[72] DEAMER, DAVID W., US
[72] BRANTON, DANIEL, US
[71] HARVARD COLLEGE, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2001-05-04
[86] 1999-11-01 (PCT/US99/25679)
[87] 2000-05-18 (WO00/28312)
[30] US (60/107,307) 1998-11-06
[30] US (09/430,240) 1999-10-29

[21] **2,349,597**
[13] A1

[51] **Int.Cl. 7C23C 24/04**
[25] EN
[54] **METHOD FOR PRODUCING A COATING MADE OF POWDERED MATERIALS AND DEVICE FOR REALISING THE SAME**
[54] **PROCEDE DE PRODUCTION D'UN REVETEMENT SE COMPOSANT DE MATERIAUX EN POUDRE ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE**
[72] DIKUN, JURY VENIAMINOVICH, RU
[71] DIKUN, JURY VENIAMINOVICH, RU
[85] 2001-05-04
[86] 1999-07-29 (PCT/RU99/00262)
[87] 2000-05-18 (WO00/28110)
[30] RU (98119848) 1998-11-05

[21] **2,349,598**
[13] A1

[51] **Int.Cl. 6G11B 21/10 6G11B 21/08**
[25] EN
[54] **DISK DRIVE, METHOD OF PRODUCING THE SAME, AND DISK DRIVE CONTROLLER**
[54] **LECTEUR DE DISQUE, SON PROCEDE DE PRODUCTION, ET CONTROLEUR DE LECTEUR DE DISQUE**
[72] OHZEKI, HIDEKI, JP
[72] OKADA, KENJI, JP
[72] TAKEUCHI, KOHICHI, JP
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2001-05-07
[86] 1999-05-10 (PCT/JP99/02422)
[87] 2000-06-02 (WO00/31738)
[30] JP (10/335824) 1998-11-26

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[21] **2,349,599**
[13] A1
[51] **Int.Cl. 7C08L 57/00 7C08L 69/00 7C08F 279/02 7C08L 55/02 7C08L 67/02 7C08F 6/22**
[25] EN
[54] **THERMOPLASTIC RESINS WITH A LOW PROPORTION OF COARSE PARTICLES**
[54] **MATIERES MOULABLES THERMOPLASTIQUES CONTENANT UNE FAIBLE PROPORTION DE PARTICULES GROSSIERES**
[72] ECKEL, THOMAS, DE
[72] KELLER, BERND, DE
[72] EITEL, ALFRED, DE
[72] EICHENAUER, HERBERT, DE
[72] WITTMANN, DIETER, DE
[72] ROSE, DOROTHY, DE
[72] HAUERTMANN, HANS-BERNHARD, DE
[72] ZOBEL, MICHAEL, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2001-05-07
[86] 1999-10-28 (PCT/EP99/08182)
[87] 2000-05-18 (WO00/27918)
[30] DE (198 51 676.2) 1998-11-10

[21] **2,349,600**
[13] A1
[51] **Int.Cl. 6G06T 17/00**
[25] EN
[54] **THREE-DIMENSIONAL SKELETON DATA ERROR ABSORBING APPARATUS**
[54] **DISPOSITIF D'ABSORPTION D'ERREUR DE DONNEES SQUELETTE A TROIS DIMENSIONS**
[72] MIYATA, RYOSUKE, JP
[72] ARAI, MASATOSHI, JP
[71] FUJITSU LIMITED, JP
[85] 2001-05-07
[86] 1998-12-28 (PCT/JP98/06019)
[87] 2000-07-13 (WO00/41138)

[21] **2,349,601**
[13] A1
[51] **Int.Cl. 7B64D 47/06 7B60Q 1/26**
[25] EN
[54] **RECOGNITION/ANTI-COLLISION LIGHT FOR AIRCRAFT**
[54] **LUMIERE DE RECONNAISSANCE/ ANTI-COLLISION POUR AERONEFS**
[72] STEPHENS, MERLE KEITH, US
[72] KNIGHT, TODD CHRISTOPHER, US
[72] KIELBON, TIMOTHY SCOTT, US
[72] PATEL, ANISH VIKRAM, US
[72] DRAVES, RAYMOND HENRY, US
[72] DEMARCO, RALPH ANTHONY, US
[71] THE B.F. GOODRICH COMPANY, US
[85] 2001-05-04
[86] 1999-11-05 (PCT/US99/26209)
[87] 2000-05-18 (WO00/27699)
[30] US (09/187,495) 1998-11-06

[21] **2,349,602**
[13] A1
[51] **Int.Cl. 7G02B 6/125 7G02B 6/28**
[25] EN
[54] **OPTICAL COUPLER AND METHOD OF MANUFACTURING THE SAME**
[54] **COUPLEUR OPTIQUE ET PROCEDE DE FABRICATION ASSOCIE**
[72] RHEE, TAE-HYUNG, KR
[72] YI, SANG-YUN, KR
[72] CHO, JUNG-HWAN, KR
[72] KIM, DUG-BONG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2001-05-04
[86] 1999-10-27 (PCT/KR99/00645)
[87] 2000-05-25 (WO00/29882)
[30] KR (1998/49219) 1998-11-17

[21] **2,349,603**
[13] A1
[51] **Int.Cl. 7B29C 44/00**
[25] EN
[54] **MOLDED POLYMERIC MATERIAL INCLUDING MICROCELLULAR, INJECTION-MOLDED, AND LOW-DENSITY POLYMERIC MATERIAL**
[54] **MATERIAU POLYMERE MOULE COMPRENANT UN MATERIAU MICROCELLULAIRE, MOULE PAR INJECTION ET A FAIBLE DENSITE**
[72] PIERICK, DAVID E., US
[72] ANDERSON, JERE R., US
[72] STEVENSON, JAMES F., US
[72] LAING, DANA E., US
[72] CHEN, LIQIN, US
[72] CHA, SUNG W., KR
[71] TREXEL, INC., US
[85] 2001-05-04
[86] 1999-11-04 (PCT/US99/26192)
[87] 2000-05-11 (WO00/26005)
[30] US (09/185,987) 1998-11-04
[30] US (09/335,946) 1999-06-18

[21] **2,349,604**
[13] A1
[51] **Int.Cl. 7B65D 43/22**
[25] EN
[54] **OPENABLE CONTAINER**
[54] **CONTENANT OUVRABLE**
[72] ISHIKAWA, HIROKI, JP
[72] BANDO, TAKESHI, JP
[72] TANAKA, YOSHIKAZU, JP
[72] UENISHI, TOSHIHIKO, JP
[72] HAYASHI, MASAHO, JP
[72] UEMATSU, HIROSHI, JP
[72] SHINOGI, NORIKAZU, JP
[71] UNI-CHARM CORPORATION, JP
[85] 2001-05-04
[86] 2000-09-04 (PCT/JP00/05997)
[87] 2001-03-15 (WO01/17873)
[30] JP (11/251820) 1999-09-06
[30] JP (11/251832) 1999-09-06
[30] JP (2000/067046) 2000-03-10

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,349,605 [13] A1</p> <p>[51] Int.Cl. 7B07C 3/14 [25] EN [54] DEVICE FOR RECORDING PICTURES OF PARCEL SURFACES [54] DISPOSITIF POUR PRISES DE VUES DE SURFACES DE PAQUETS [72] STAMM, PETER, DE [71] SIEMENS PRODUCTION AND LOGISTICS SYSTEMS AG, DE [85] 2001-05-04 [86] 1999-11-02 (PCT/DE99/03483) [87] 2000-05-18 (WO00/27549) [30] DE (198 51 284.8) 1998-11-06</p>	<p style="text-align: right;">[21] 2,349,608 [13] A1</p> <p>[51] Int.Cl. 7C10J 3/00 7H01M 8/06 [25] EN [54] ELECTRIC GENERATING SYSTEM BY GASIFICATION OF COMBUSTIBLES [54] SYSTEME DE PRODUCTION D'ENERGIE PAR GAZEIFICATION D'UN MATERIAU COMBUSTIBLE [72] HIROSE, TETSUHISA, JP [72] MIYOSHI, NORIHISA, JP [72] OSHITA, TAKAHIRO, JP [72] FUJIMURA, HIROYUKI, JP [72] HAYAKAWA, JUNICHI, JP [72] NARUSE, KATSUTOSHI, JP [71] EBARA CORPORATION, JP [85] 2001-05-04 [86] 1999-11-05 (PCT/JP99/06185) [87] 2000-05-18 (WO00/27951) [30] JP (10/330161) 1998-11-05</p>	<p style="text-align: right;">[21] 2,349,612 [13] A1</p> <p>[51] Int.Cl. 7G02B 13/12 [25] EN [54] VARIABLE RATIO ANAMORPHIC LENS [54] ANAMORPHOSEUR A RAPPORT DE REPRODUCTION VARIABLE [72] GRAFTON, DAVID A., US [71] NEWS AMERICA INCORPORATED, US [85] 2001-05-04 [86] 2000-09-08 (PCT/US00/24600) [87] 2001-03-15 (WO01/18583) [30] US (09/392,065) 1999-09-08</p>
<p style="text-align: right;">[21] 2,349,606 [13] A1</p> <p>[51] Int.Cl. 7B60N 2/42 7B60R 21/04 [25] EN [54] VEHICLE SEAT WITH ENERGY ABSORBING DEFORMABLE STRUCTURAL MATERIAL [54] SIEGE DE VEHICULE A MATERIAU STRUCTUREL DEFORMABLE ABSORBANT L'ENERGIE [72] EL-SAYED, MOHAMED, US [72] TOWNSEND, JOHN A., US [71] JOALTO DESIGN, INC., US [85] 2001-04-20 [86] 1999-10-04 (PCT/US99/22871) [87] 2000-04-20 (WO00/21783) [30] US (09/169,103) 1998-10-09</p>	<p style="text-align: right;">[21] 2,349,609 [13] A1</p> <p>[51] Int.Cl. 7G01V 1/00 [25] EN [54] SEISMIC DATA ACQUISITION METHOD AND APPARATUS [54] PROCEDE ET APPAREIL D'ACQUISITION DE DONNEES SISMQUES [72] ORBAN, JACQUES JOSEPH HENRI, NO [72] HATTELAND, KJELL, NO [71] SCHLUMBERGER CANADA LIMITED, CA [85] 2001-04-24 [86] 1999-10-21 (PCT/IB99/01724) [87] 2000-05-11 (WO00/26694) [30] GB (9823944.5) 1998-11-03 [30] GB (9823941.1) 1998-11-03</p>	<p style="text-align: right;">[21] 2,349,613 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/00 [25] EN [54] METHODS AND SYSTEMS FOR PRESENTING INFORMATION IN A DISTRIBUTED COMPUTING ENVIRONMENT [54] PROCEDES ET SYSTEMES POUR PRESENTER DES INFORMATIONS DANS UN ENVIRONNEMENT INFORMATIQUE REPARTI [72] KUETER, KRISTIN, US [72] BHARGAVA, VINAY, US [72] RAVIKRANT, NAVAL, US [72] TOTIC, ALEKSANDAR, US [72] GUHA, RAMANATHAN V., US [71] EPINIONS, INC., US [85] 2001-04-24 [86] 2000-08-23 (PCT/US00/23193) [87] 2001-03-01 (WO01/15002) [30] US (09/382,565) 1999-08-25</p>
<p style="text-align: right;">[21] 2,349,607 [13] A1</p> <p>[51] Int.Cl. 7G05D 7/01 7E03C 1/084 [25] EN [54] FLOW LIMITER [54] LIMITEUR DE DEBIT [72] KIPPING, CORNELIS MARIA, NL [71] KIPPING, CORNELIS MARIA, NL [85] 2001-05-04 [86] 1999-11-12 (PCT/EP99/09032) [87] 2000-06-02 (WO00/31601) [30] NL (1010592) 1998-11-19</p>	<p style="text-align: right;">[21] 2,349,611 [13] A1</p> <p>[51] Int.Cl. 7H02M 3/28 7H02M 1/10 [25] EN [54] VOLTAGE SWITCH-OVER DEVICE [54] DISPOSITIF COMMULATEUR DE TENSION [72] AIGNER, HUBERT, AT [72] PAMMER, WALTER, AT [72] OBERZAUCHER, FRIEDRICH, AT [72] HIESMAYR, ALFRED, AT [71] FRONIUS SCHWEISSMASCHINEN PRODUKTION GMBH & CO. KG, AT [85] 2001-05-04 [86] 1999-11-04 (PCT/AT99/00263) [87] 2000-05-25 (WO00/30241) [30] AT (A 1891/98) 1998-11-12</p>	<p style="text-align: right;">[21] 2,349,614 [13] A1</p> <p>[51] Int.Cl. 7H04L 1/06 7H04B 7/08 [25] EN [54] METHOD AND DEVICE FOR RECEIVING AT LEAST TWO RECEPTION PATHS AND CORRESPONDING USE [54] PROCEDE ET DISPOSITIF DE RECEPTION A AU MOINS DEUX VOIES DE RECEPTION, ET UTILISATION CORRESPONDANTE [72] LAUNAY, ERWAN, FR [72] SUEUR, BERTRAND, FR [71] FRANCE TELECOM, FR [85] 2001-04-25 [86] 1999-11-15 (PCT/FR99/02799) [87] 2000-05-25 (WO00/30290) [30] FR (98/14438) 1998-11-13</p>

PCT Applications Entering the National Phase

[21] **2,349,615**
[13] A1

[51] **Int.Cl. 7A63C 5/06 7A63C 17/00 7A63C 17/14**
[25] EN
[54] **STEERABLE WHEEL ASSEMBLY WITH DAMPING AND CENTERING FORCE MECHANISM FOR AN IN-LINE SKATE OR ROLLER SKI**
[54] **ENSEMBLE ROUE DIRECTIONNELLE AVEC MECANISME D'AMORTISSEMENT ET DE FORCE DE CENTRAGE POUR PATIN A ROUES ALIGNEES OU SKI A ROULETTES**
[72] PAGE, JAMES S., US
[71] CROSSKATE, LLC, US
[85] 2001-05-04
[86] 1999-11-05 (PCT/US99/26136)
[87] 2000-05-18 (WO00/27488)
[30] US (09/187,627) 1998-11-06

[21] **2,349,623**
[13] A1

[51] **Int.Cl. 7F16D 55/02 7F16D 59/02 7H02K 7/102**
[25] EN
[54] **SERVO-MOTOR BRAKE**
[54] **FREIN DE SERVOMOTEUR**
[72] SCHMIDT, THOMAS ALLAN, US
[71] NEXEN GROUP, INC., US
[85] 2001-05-04
[86] 1999-11-05 (PCT/US99/26139)
[87] 2000-05-18 (WO00/28233)
[30] US (09/187,996) 1998-11-06

[21] **2,349,624**
[13] A1

[51] **Int.Cl. 7H01L 27/15 7H01L 33/00 7H01L 21/3205 7H01L 21/768**
[25] EN
[54] **METHOD OF DESIGNING MASK PATTERN OF SELF SCANNING LIGHT EMITTING DEVICE**
[54] **PROCEDE DE CONCEPTION DU MOTIF DE MASQUE D'UN DISPOSITIF ELECTROLUMINESCENT A AUTOBALAYAGE**
[72] KUSUDA, YUKIHISA, JP
[72] OHTSUKA, SHUNSUKE, JP
[72] OHNO, SEIJI, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[85] 2001-05-04
[86] 2000-09-05 (PCT/JP00/06015)
[87] 2001-03-15 (WO01/18868)
[30] JP (11/251260) 1999-09-06
[30] JP (11/255582) 1999-09-09

[21] **2,349,626**
[13] A1

[51] **Int.Cl. 7A23K 1/175**
[25] EN
[54] **NUTRITIONAL SUPPLEMENTS**
[54] **SUPPLEMENTS NUTRITIONNELS**
[72] BLAYLOCK, MICHAEL J., US
[72] HUANG, JIANWEI, US
[72] ENSLEY, BURT D., US
[72] ELLESS, MARK, US
[71] NUCYCLE THERAPY INC., US
[85] 2001-05-04
[86] 1999-11-08 (PCT/US99/26401)
[87] 2000-05-18 (WO00/27221)
[30] US (09/187,608) 1998-11-06

[21] **2,349,627**
[13] A1

[51] **Int.Cl. 6A61M 1/10**
[25] EN
[54] **VENTRICULAR ASSIST DEVICE WITH PRE-FORMED INFLATION BLADDER**
[54] **DISPOSITIF D'ASSISTANCE VENTRICULAIRE A VESSIE GONFLABLE PREFORMEE**
[72] HOWANSKY, MARK S., US
[72] STROMAN, MICHAEL, US
[72] EASTERBROOK, WILLIAM A., III, US
[71] CARDIO TECHNOLOGIES, INC., US
[85] 2001-05-04
[86] 1999-11-04 (PCT/US99/26042)
[87] 2000-05-11 (WO00/25842)
[30] US (60/107,014) 1998-11-04
[30] US (60/107,016) 1998-11-04

[21] **2,349,628**
[13] A1

[51] **Int.Cl. 7B23K 31/02**
[25] EN
[54] **HIGH FREQUENCY CONTACT WELDING APPARATUS WITH SKEWED CONTACTS**
[54] **APPAREIL DE SOUDURE A CONTACT HAUTE FREQUENCE DOTE DE CONTACTS ASYMETRIQUES**
[72] RUDD, WALLACE C., US
[71] THERMATOOL CORP., US
[85] 2001-05-04
[86] 1999-11-30 (PCT/US99/28324)
[87] 2001-06-07 (WO01/39921)

[21] **2,349,630**
[13] A1

[51] **Int.Cl. 7A61M 1/12**
[25] EN
[54] **CARDIAC ASSIST SYSTEM AND METHOD THEREOF**
[54] **SYSTEME ET TECHNIQUE D'ASSISTANCE CARDIAQUE**
[72] LEVIN, HOWARD R., US
[72] REINHARDT, ROBERT W., US
[71] CARDIO TECHNOLOGIES, INC., US
[85] 2001-05-04
[86] 1999-11-02 (PCT/US99/25806)
[87] 2000-05-11 (WO00/25853)
[30] US (60/107,015) 1998-11-04

[21] **2,349,633**
[13] A1

[51] **Int.Cl. 7A61K 9/14 7A61K 31/00 7A61K 38/00**
[25] EN
[54] **A PROCESS FOR PRODUCING PARTICLES WITH A CONVERTED AMORPHOUS AND/OR META-STABLE CRYSTALLINE REGION INTO CRYSTALLINE STATE**
[54] **PRODUCTION DE PARTICULES A ZONE CRISTALLINE AMORPHE ET/OU METASTABLE CONVERTIE EN ETAT CRISTALLIN**
[72] NYQVIST, HAKAN, SE
[72] DEMIRBUKER, MUSTAFA, SE
[72] MOSHASHEE, SAEED, SE
[72] BISRAT, MIKAEL, SE
[71] ASTRAZENECA AB, SE
[85] 2001-05-04
[86] 1999-11-22 (PCT/SE99/02154)
[87] 2000-06-02 (WO00/30614)
[30] SE (9804000-9) 1998-11-23

[21] **2,349,636**
[13] A1

[51] **Int.Cl. 7H01P 1/18**
[25] EN
[54] **FERROELECTRIC VARACTOR WITH BUILT-IN DC BLOCKS**
[54] **VARACTOR FERROELECTRIQUE A BLOCS C.C. INTEGRES**
[72] STOWELL, STEVEN C, US
[72] ZHU, YONGFEI, US
[72] SENGUPTA, LOUISE C., US
[72] SENGUPTA, SOMNATH, US
[71] PARATEK MICROWAVE, INC., US
[85] 2001-05-04
[86] 1999-11-04 (PCT/US99/26113)
[87] 2000-05-18 (WO00/28613)
[30] US (60/107,684) 1998-11-09

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,349,637 [13] A1</p> <p>[51] Int.Cl. 7C07F 9/50 7C07F 9/53 [25] EN [54] PROCESS FOR PREPARING ACYLPHOSPHINES AND DERIVATIVES [54] PROCEDES POUR L'ELABORATION D'ACYLPHOSPHINES ET DERIVES [72] EICHENBERGER, EUGEN, CH [72] SCHWENDIMANN, URS, ES [72] LEPPARD, DAVID GEORGE, CH [72] KAESER, RENE, CH [72] HUG, GEBHARD, CH [71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH [85] 2001-05-04 [86] 1999-11-20 (PCT/EP99/08968) [87] 2000-06-08 (WO00/32612) [30] CH (2376/98) 1998-11-30 [30] CH (2434/98) 1998-12-08</p>	<p style="text-align: right;">[21] 2,349,698 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/00 [25] EN [54] SKIN MOISTURIZER COMPOSITIONS CONTAINING A SEBUM CONTROL AGENT [54] COMPOSITIONS COSMETIQUES HYDRATANTES CONTENANT UN AGENT DE REGULATION DU SEBUM [72] JORGENSEN, LISE W., US [72] SPENGLER, ERIC G., US [72] MCMANUS, RICHARD L., US [71] BRISTOL-MYERS SQUIBB COMPANY, US [85] 2001-05-02 [86] 1999-10-28 (PCT/US99/25327) [87] 2000-05-11 (WO00/25732) [30] US (60/106,810) 1998-11-03</p>	<p style="text-align: right;">[21] 2,349,703 [13] A1</p> <p>[51] Int.Cl. 7A61K 35/78 [25] EN [54] SOYA EXTRACT CONTAINING LIPIDS, PROCESS FOR ITS PRODUCTION, AND PHARMACEUTICAL AND COSMETIC COMPOSITION [54] EXTRAIT DE SOJA RENFERMANT DES LIPIDES ET SON PROCEDE DE FABRICATION; COMPOSITION PHARMACEUTIQUE ET COSMETIQUE [72] BOMBARDELLI, EZIO, IT [71] INDENA S.P.A., IT [85] 2001-05-07 [86] 2000-02-02 (PCT/EP00/00826) [87] 2000-08-10 (WO00/45828) [30] DE (199 04 352.3) 1999-02-03</p>
<p style="text-align: right;">[21] 2,349,638 [13] A1</p> <p>[51] Int.Cl. 7A61F 7/00 [25] EN [54] PATIENT COOLING ENCLOSURE [54] ENCEINTE PERMETTANT D'ABAISSE LA TEMPERATURE CORPORELLE D'UN PATIENT [72] HEATON, KEITH PATRICK, GB [72] HUNT, KENNETH WILLIAM, GB [71] KCI MEDICAL LIMITED, GB [85] 2001-05-04 [86] 1999-11-05 (PCT/GB99/03688) [87] 2000-05-18 (WO00/27323) [30] GB (9824431.2) 1998-11-06 [30] GB (9909683.6) 1999-04-27</p>	<p style="text-align: right;">[21] 2,349,700 [13] A1</p> <p>[51] Int.Cl. 7C07D 487/04 7C07D 237/00 7C07D 249/00 7C07C 65/15 7A61P 25/28 7A61K 31/5025 [25] EN [54] THERAPEUTIC POLYMORPHS OF A GABA-A ALPHA-5 INVERSE AGONIST AND PAMOATE FORMULATIONS OF THE SAME [54] POLYMORPHES THERAPEUTIQUES D'UN AGONISTE INVERSE DE GABA-A ALPHA-5 ET FORMULATIONS DE PAMOATE DE CEUX-CI [72] VARSOLONA, RICHARD J., US [72] TSCHAEN, DAVID M., US [72] RUSH, DANIEL J., US [72] HO, GUO-JIE, US [72] MCCAULEY, JAMES A., US [72] KAUFMAN, MICHAEL J., US [71] MERCK & CO., INC., US [85] 2001-05-07 [86] 1999-11-10 (PCT/US99/26622) [87] 2000-05-18 (WO00/27849) [30] US (60/108,007) 1998-11-12</p>	<p style="text-align: right;">[21] 2,349,907 [13] A1</p> <p>[51] Int.Cl. 6D21F 1/00 [25] EN [54] PAPERMAKER'S DOUBLE LAYER FORMING FABRIC [54] TOILE DE FORMATION DOUBLE EPAISSEUR DE PAPETIER [72] WILSON, ROBERT G., US [71] WEAVEXX CORPORATION, US [85] 2000-11-16 [86] 1999-05-19 (PCT/US99/10999) [87] 1999-12-09 (WO99/63153) [30] US (09/089,007) 1998-06-02</p>
<p style="text-align: right;">[21] 2,349,696 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/58 7A61K 9/60 7A61K 9/62 [25] EN [54] CONTROLLED RELEASE FORMULATION FOR WATER SOLUBLE DRUGS [54] FORMULATION A LIBERATION REGULEE POUR MEDICAMENTS SOLUBLES A L'EAU [72] CHENG, XIU XIU, US [72] CHEN, CHIH-MING, US [71] ANDRX PHARMACEUTICALS, INC., US [85] 2001-05-04 [86] 1999-11-01 (PCT/US99/25604) [87] 2000-05-18 (WO00/27370) [30] US (09/187,319) 1998-11-06</p>	<p style="text-align: right;">[21] 2,349,909 [13] A1</p> <p>[51] Int.Cl. 6B22C 9/02 [25] EN [54] METHOD AND DEVICE FOR DIRECTLY PRODUCING AN INVESTMENT CASTING MOLD FOR CASTINGS MADE OF METAL [54] PROCEDE ET DISPOSITIF DE PRODUCTION DIRECTE D'UN MOULE DE COULEE PERDU POUR LA COULEE DE PIECES EN METAL [72] HAUSCHILD, RUDIGER, DE [72] WENDT, FLORIAN, DE [72] DEMARCZYK, NORBERT, DE [71] ACTECH GMBH-ADVANCED CASTING TECHNOLOGIES GIESSEREITECHNOLOGIE, DE [85] 2001-02-12 [86] 1999-06-04 (PCT/DE99/01709) [87] 1999-12-16 (WO99/64188) [30] DE (198 25 448.2) 1998-06-06</p>	

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,349,910 [13] A1</p> <p>[51] Int.Cl. 7C08G 18/00 [25] EN [54] EMULSIFIABLE ISOCYANATE COMPOSITIONS [54] COMPOSITIONS D'ISOCYANATES EMULSIFIABLES [72] YAVORSKY, JAMES A., US [72] SHEN, CHIN-CHANG, US [71] HUNTSMAN INTERNATIONAL LLC, US [85] 2001-01-19 [86] 1999-07-23 (PCT/US99/16658) [87] 2000-02-03 (WO00/05287) [30] US (60/093,777) 1998-07-23</p>	<p style="text-align: right;">[21] 2,349,915 [13] A1</p> <p>[51] Int.Cl. 7C08L 29/04 7C08L 21/00 7C08L 59/00 7C08L 67/00 7C08L 69/00 7C08L 23/02 7C08L 71/12 7C08K 5/548 [25] EN [54] POLYMERS OF A HYDROPHOBIC NATURE, FILLED WITH STARCH COMPLEXES [54] POLYMERES DE NATURE HYDROPHOBE CONTENANT UNE MATIERE DE CHARGE A BASE DE COMPLEXE D'AMIDON [72] BASTIOLI, CATIA, IT [72] BELLOTTI, VITTORIO, IT [72] MONTINO, ALESSANDRO, IT [71] NOVAMONT S.P.A., IT [85] 2001-03-19 [86] 1999-09-22 (PCT/EP99/07038) [87] 2000-03-30 (WO00/17270) [30] IT (TO98A000800) 1998-09-22</p>	<p style="text-align: right;">[21] 2,349,940 [13] A1</p> <p>[51] Int.Cl. 6C22B 3/00 6C22B 11/00 6C22B 3/12 [25] EN [54] METHOD FOR TREATING PRECIOUS METAL BEARING MINERALS [54] PROCEDE DE TRAITEMENT DE MINERAIS CONTENANT DES METAUX PRECIEUX [72] WINBORNE, DAVID, AU [72] WILLIS, JOHN ANTHONY, AU [72] VENTURA, RODRIGO ULEP, AU [72] HOURN, MICHAEL MATTHEW, AU [71] M.I.M. HOLDINGS LIMITED, AU [85] 2001-05-07 [86] 1999-09-20 (PCT/AU99/00795) [87] 2000-03-30 (WO00/17407) [30] AU (PP 6025) 1998-09-21 [30] AU (PP 6313) 1998-10-06</p>
<p style="text-align: right;">[21] 2,349,911 [13] A1</p> <p>[51] Int.Cl. 6F16K 24/04 [25] EN [54] AUTOMATIC VENT HAVING A MULTI-HINGED VALVE [54] EVENT AUTOMATIQUE AVEC CLAPET MULTI-ARTICULE [72] SUNDBERG, KENNETH, US [72] LEBKUCHNER, BENNO, US [71] HONEYWELL INTERNATIONAL, INC., US [85] 2001-01-30 [86] 1999-07-27 (PCT/US99/17003) [87] 2000-02-10 (WO00/06930) [30] US (09/127,047) 1998-07-31</p>	<p style="text-align: right;">[21] 2,349,919 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/48 [25] EN [54] USE OF A SUBSTANCE BINDING WITH THE PERIPHERAL BENZODIAZEPIN RECEPTOR FOR TREATING SKIN STRESS [54] UTILISATION D'UNE SUBSTANCE SE LIANT AU RECEPTEUR PERIPHERIQUE DES BENZODIAZEPINES DANS LE TRAITEMENT DES STRESS CUTANES [72] CASELLAS, PIERRE, FR [72] DEROCQ, JEAN-MARIE, FR [71] SANOFI-SYNTHELABO, FR [85] 2001-05-04 [86] 1999-11-10 (PCT/FR99/02761) [87] 2000-05-25 (WO00/28947) [30] FR (98/14387) 1998-11-17</p>	<p style="text-align: right;">[21] 2,349,941 [13] A1</p> <p>[51] Int.Cl. 7G02B 6/255 [25] EN [54] SCREENING MECHANISM FOR OPTICAL FIBER FUSION SPLICING DEVICE [54] MECANISME DE BLINDAGE POUR DISPOSITIF D'EPISSURAGE DE FIBRES OPTIQUES PAR FUSION [72] WATANABE, HIDEKI, JP [72] UCHIDA, TAKAAKI, JP [71] THE FURUKAWA ELECTRIC CO., LTD., JP [85] 2001-05-07 [86] 2000-09-05 (PCT/JP00/06019) [87] 2001-03-22 (WO01/20378) [30] JP (11/256017) 1999-09-09</p>
<p style="text-align: right;">[21] 2,349,913 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/60 [25] EN [54] A METHOD AND AN APPARATUS FOR A UNIVERSAL TRADING MARKET DESIGN AND DEPLOYMENT SYSTEM [54] PROCEDE ET APPAREIL RELATIFS A UN SYSTEME UNIVERSEL DE CONCEPTION ET DE MISE EN OEUVRE DE MARCHES D'ECHANGES [72] SHOHAM, YOAV, US [72] WELLMAN, MICHAEL, US [72] EPHRATI, EITHAN, US [71] TRADING DYNAMICS, INC., US [85] 2001-02-02 [86] 1999-07-29 (PCT/US99/17248) [87] 2000-02-17 (WO00/08578) [30] US (09/131,048) 1998-08-07 [30] US (09/339,325) 1999-06-23</p>	<p style="text-align: right;">[21] 2,349,921 [13] A1</p> <p>[51] Int.Cl. 7G02B 6/44 [25] EN [54] CABLE WITH OPTICAL FIBRES MAINTAINED IN A SHEATH [54] CABLE A FIBRES OPTIQUES MAINTENUES DANS UNE GAINE [72] JAMET, PATRICK, FR [71] SAGEM SA, FR [85] 2001-05-08 [86] 1999-10-26 (PCT/FR99/02609) [87] 2000-05-25 (WO00/29892) [30] FR (98/14519) 1998-11-18</p>	<p style="text-align: right;">[21] 2,349,942 [13] A1</p> <p>[51] Int.Cl. 7G01N 33/53 7C12Q 1/42 [25] EN [54] ASSAY FOR PHOSPHATASE-TARGETING TOXINS [54] DOSAGE DES TOXINES DE CIBLAGE DE PHOSPHATASES [72] DOSKELAND, STEIN OVE, NO [72] SERRES, MARGRETHE HAUGE, NO [72] FLADMARK, KARI ESPOLIN, NO [71] BIOSENSE LABORATORIES AS, NO [85] 2001-05-07 [86] 1999-11-11 (PCT/GB99/03756) [87] 2000-05-18 (WO00/28325) [30] GB (9824772.9) 1998-11-11</p>

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,349,943 [13] A1</p> <p>[51] Int.Cl. 6A01G 9/02 6A47G 7/08 [25] EN [54] PLANT CONTAINER RECIPIENT DE CULTURE [72] MATTHEWS, PHILIP LINDSAY, AU [71] MATTHEWS, PHILIP LINDSAY, AU [85] 2001-05-07 [86] 1999-11-05 (PCT/AU99/00977) [87] 2000-05-18 (WO00/27181) [30] AU (PP 6985) 1998-11-06</p>	<p style="text-align: right;">[21] 2,349,947 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/14 [25] EN [54] METHOD OF PRODUCING VITAMIN POWDERS [54] TECHNIQUE DE PRODUCTION DE POUDRE VITAMINEE [72] WILLIS, HUEY L., US [72] CALHOON, FRANCIS W., JR., US [72] MORRIS, CHARLES A., US [71] ARCHER-DANIELS-MIDLAND COMPANY, US [85] 2001-05-07 [86] 1999-11-09 (PCT/US99/26397) [87] 2000-05-18 (WO00/27362) [30] US (09/188,166) 1998-11-09</p>	<p style="text-align: right;">[21] 2,350,056 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/42 7A61K 7/48 [25] EN [54] SOLAR RADIATION PROTECTION COMPOSITION [54] COMPOSITIONS DE PROTECTION CONTRE LE RAYONNEMENT SOLAIRE [72] SARHAN, FATHEY, CA [72] KROL, Marianna, CA [72] HUNER, Norman, CA [72] IVANOV, Alexander, CA [71] NOUVAB INC., CA [85] 2001-04-23 [86] 1999-10-22 (PCT/CA99/00981) [87] 2000-05-04 (WO00/24369) [30] CA (2,251,457) 1998-10-23</p>
<p style="text-align: right;">[21] 2,349,945 [13] A1</p> <p>[51] Int.Cl. 6B01J 19/08 [25] EN [54] REACTANT DELIVERY APPARATUSES [54] APPAREILS DE DISTRIBUTION DE REACTIF [72] BI, XIANGXIN, US [72] GARDNER, JAMES T., US [72] CORNELL, RONALD M., US [72] KUMAR, SUJEET, US [72] MOSSO, RONALD J., US [71] NANOGRAM CORPORATION, US [85] 2001-05-07 [86] 1999-11-08 (PCT/US99/26342) [87] 2000-05-18 (WO00/27523) [30] US (09/188,670) 1998-11-09</p>	<p style="text-align: right;">[21] 2,349,948 [13] A1</p> <p>[51] Int.Cl. 7B01D 15/08 [25] EN [54] A CHROMATOGRAPHY METHOD AND A COLUMN MATERIAL USEFUL IN SAID METHOD [54] PROCEDE DE CHROMATOGRAPHIE, ET SUBSTANCE DE GARNITURE DE LA COLONNE UTILISEE DANS LE CADRE DUDIT PROCEDE [72] VIKLUND, CAMILLA, SE [72] IRGUM, KNUT, SE [71] VIKLUND, CAMILLA, SE [71] IRGUM, KNUT, SE [85] 2001-05-07 [86] 1999-11-09 (PCT/SE99/02032) [87] 2000-05-18 (WO00/27496) [30] SE (9803838-3) 1998-11-09</p>	<p style="text-align: right;">[21] 2,350,059 [13] A1</p> <p>[51] Int.Cl. 7C23F 13/16 [25] EN [54] CATHODIC PROTECTION [54] PROTECTION CATHODIQUE [72] WHITMORE, DAVID, CA [71] WHITMORE, DAVID, CA [85] 2001-06-27 [86] 2000-02-02 (PCT/CA00/00101) [87] 2000-08-10 (WO00/46422) [30] US (09/245,373) 1999-02-05</p>
<p style="text-align: right;">[21] 2,349,946 [13] A1</p> <p>[51] Int.Cl. 7C05F 17/02 7B01F 13/02 [25] EN [54] METHOD AND DEVICE FOR PREPARING A MIXTURE OF SUBSTANCES CONTAINING ORGANIC COMPONENTS [54] PROCEDE ET DISPOSITIF DE PREPARATION D'UN MELANGE DE MATERIAUX CONTENANT DES COMPOSANTS ORGANIQUES [72] MULLER, PATRICK, CH [71] MULLER, PATRICK, CH [85] 2001-05-07 [86] 1999-11-04 (PCT/IB99/01950) [87] 2000-05-18 (WO00/27777) [30] DE (198 51 306.2) 1998-11-06 [30] DE (199 09 353.9) 1999-03-03</p>	<p style="text-align: right;">[21] 2,349,949 [13] A1</p> <p>[51] Int.Cl. 6A47G 19/22 6B65D 1/02 6B65D 1/40 [25] EN [54] CONTAINER WITH STRAW AND METHOD OF MANUFACTURE [54] RECIPIENT AVEC PAILLE ET PROCEDE DE FABRICATION [72] LIPSON, ERIK, US [71] LIPSON, ERIK, US [85] 2001-05-07 [86] 1999-11-04 (PCT/US99/26114) [87] 2000-05-18 (WO00/27258) [30] US (60/107,419) 1998-11-06 [30] US (60/119,875) 1999-02-12 [30] US (09/431,492) 1999-11-02</p>	<p style="text-align: right;">[21] 2,350,060 [13] A1</p> <p>[51] Int.Cl. 7B24D 3/34 7B24D 13/16 [25] EN [54] FLAP DISC [54] LAMELLE DE DISQUE [72] EISENBERG, GUSTAV, DE [71] VEREINIGTE SCHMIRGEL-UND MASCHINEN-FABRIKEN AG, DE [85] 2001-04-23 [86] 1999-11-05 (PCT/EP99/08494) [87] 2000-06-02 (WO00/30809) [30] DE (198 53 550.3) 1998-11-20</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,350,063 [13] A1</p> <p>[51] Int.Cl. 7D06C 5/00 [25] EN [54] QUICK-STRIP STRETCHER FOR TUBULAR FABRIC [54] DISPOSITIF D'ETIRAGE RAPIDEMENT DEMONTABLE POUR TISSU TUBULAIRE [72] FERRARO, GIANCARLO, IT [72] MILANESE, RENZO, IT [71] FERRARO S.P.A., IT [85] 2001-04-26 [86] 1999-10-28 (PCT/IT99/00345) [87] 2000-05-11 (WO00/26460) [30] IT (MI98A002372) 1998-11-04</p>	<p style="text-align: right;">[21] 2,350,095 [13] A1</p> <p>[51] Int.Cl. 7G06F 13/00 7G06F 3/00 7G06F 12/00 7G06F 17/30 7H04L 12/58 [25] EN [54] SYSTEM AND METHOD FOR SPECIFYING WWW SITE [54] SYSTEME ET PROCEDE PERMETTANT DE SPECIFIER UN SITE WEB [72] SHOJI, WATARU, JP [72] NAKAZIMA, ICHIRO, JP [72] TABUCHI, DAISUKE, JP [72] GRAMLICH, GABRIELE, DE [71] DREAM TECHNOLOGIES CORPORATION, JP [85] 2001-05-02 [86] 1999-11-02 (PCT/JP99/06099) [87] 2000-05-11 (WO00/26792) [30] JP (10/313070) 1998-11-04 [30] JP (10/340326) 1998-11-30 [30] JP (10/356267) 1998-12-15</p>	<p style="text-align: right;">[21] 2,350,099 [13] A1</p> <p>[51] Int.Cl. 7C01B 31/02 7B01J 3/04 [25] EN [54] GAS-PHASE NUCLEATION AND GROWTH OF SINGLE-WALL CARBON NANOTUBES FROM HIGH PRESSURE CO [54] NUCLEATION EN PHASE GAZEUSE ET CROISSANCE DE NANOTUBES DE CARBONE A PAROI SIMPLE A PARTIR DE CO HAUTE PRESSION [72] BRONIKOWSKI, MICHAEL J., US [72] BRADLEY, ROBERT K., US [72] NIKOLAEV, PAVEL, US [72] COLBERT, DANIEL T., US [72] ROHMUND, FRANK, US [72] SMITH, KEN A., US [72] SMALLEY, RICHARD E., US [71] WILLIAM MARSH RICE UNIVERSITY, US [85] 2001-05-02 [86] 1999-11-03 (PCT/US99/25702) [87] 2000-05-11 (WO00/26138) [30] US (60/106,917) 1998-11-03 [30] US (60/114,588) 1998-12-31 [30] US (60/117,287) 1999-01-26 [30] US (60/161,728) 1999-10-27</p>
<p style="text-align: right;">[21] 2,350,065 [13] A1</p> <p>[51] Int.Cl. 6G01N 21/17 [25] EN [54] A DISPERSIVE PRECOMPENSATOR FOR USE IN AN ELECTROMAGNETIC RADIATION GENERATION AND DETECTION SYSTEM [54] PRECOMPENSATEUR DE DISPERSION POUR SYSTEME DE PRODUCTION ET DE DETECTION DE RAYONNEMENT ELECTROMAGNETIQUE [72] RUDD, JAMES V., US [71] PICOMETRIX, INC., US [85] 2001-04-27 [86] 1999-03-26 (PCT/US99/06922) [87] 2000-09-30 (WO99/49297) [30] US (60/079,590) 1998-03-27 [30] US (09/257,421) 1999-02-25</p>	<p style="text-align: right;">[21] 2,350,097 [13] A1</p> <p>[51] Int.Cl. 7C12M 1/04 7C05F 9/02 7C05F 9/04 7C12P 1/04 [25] EN [54] METHOD AND APPARATUS FOR CONTROLLED COMPOSTING AND BIOREMEDIATING [54] PROCEDE ET APPAREIL POUR LE COMPOSTAGE ET LA BIORESTAURATION CONTROLES [72] MCNELLY, JAMES J., US [71] MCNELLY, JAMES J., US [85] 2001-05-02 [86] 1999-11-02 (PCT/US99/25658) [87] 2000-05-11 (WO00/26337) [30] US (09/184,501) 1998-11-02</p>	<p style="text-align: right;">[21] 2,350,100 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/34 [25] EN [54] INTELLIGENT CELL RECOVERY [54] RECUPERATION INTELLIGENTE DE CELLULES [72] O'DONNELL, OWEN, IE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-05-02 [86] 1999-11-02 (PCT/SE99/01970) [87] 2000-05-11 (WO00/27146) [30] US (09/185,745) 1998-11-04</p>
<p style="text-align: right;">[21] 2,350,068 [13] A1</p> <p>[51] Int.Cl. 7A61N 1/30 7A61B 5/00 [25] EN [54] KIT AND METHOD FOR QUALITY CONTROL TESTING OF AN IONTOPHORETIC SAMPLING SYSTEM [54] NECESSAIRE ET PROCEDE PERMETTANT DE CONTROLER LA QUALITE D'UN SYSTEME DE PRELEVEMENT PAR IONOPHORESE [72] LIU, DAVID M., US [72] KERSTEN, BRIAN S., US [72] WU, CHRISTINA, US [72] CHEN, QIANG, US [71] CYGNUS, INC., US [85] 2001-04-30 [86] 1999-10-27 (PCT/US99/25466) [87] 2000-05-04 (WO00/24455) [30] US (60/106,024) 1998-10-28</p>	<p style="text-align: right;">[21] 2,350,098 [13] A1</p> <p>[51] Int.Cl. 7H01M 8/24 7H01M 8/00 7H01M 8/04 [25] EN [54] FUEL CELL STACKS FOR ULTRA-HIGH EFFICIENCY POWER SYSTEMS [54] EMPILEMENTS DE PILES A COMBUSTIBLE DANS DES SYSTEMES D'ALIMENTATION A ULTRA-HAUT RENDEMENT [72] HSU, MICHAEL S., US [71] ZTEK CORPORATION, US [85] 2001-05-02 [86] 1999-11-01 (PCT/US99/25635) [87] 2000-05-11 (WO00/26983) [30] US (09/184,630) 1998-11-02</p>	

Demandes PCT entrant en phase nationale

[21] **2,350,101**
[13] A1

[51] **Int.Cl. 6A61B 17/00 6A61M 29/00**
[25] EN
[54] **APPARATUS AND METHOD FOR DISSECTING AND RETRACTING ELONGATE STRUCTURES**
[54] **INSTRUMENT ET TECHNIQUE PERMETTANT DE DISSEQUER ET D'ECARTER DES STRUCTURES ALLONGEES**
[72] STAFFORD, GARY ASHLEY, US
[72] NASH, MICHAEL F., US
[71] GENERAL SURGICAL INNOVATIONS, INC., US
[85] 2001-05-03
[86] 1999-11-02 (PCT/US99/25844)
[87] 2000-05-18 (WO00/27290)
[30] US (09/187,879) 1998-11-06

[21] **2,350,104**
[13] A1

[51] **Int.Cl. 7H05K 7/14 7A63F 13/08**
[25] EN
[54] **ELECTRONIC DEVICE THAT CAN BE USED IN EITHER HORIZONTAL OR VERTICAL ORIENTATION**
[54] **DISPOSITIF ELECTRONIQUE POUVANT ETRE UTILISE DANS UNE ORIENTATION SOIT HORIZONTALE SOIT VERTICALE**
[72] OOTORI, YASUHIRO, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
[85] 2001-05-03
[86] 2000-09-01 (PCT/JP00/05959)
[87] 2001-03-15 (WO01/19151)
[30] JP (11/251654) 1999-09-06

[21] **2,350,911**
[13] A1

[51] **Int.Cl. 7G01N 33/569 7C07K 14/16 7G01N 33/50**
[25] EN
[54] **HIV-SPECIFIC T-CELL INDUCTION**
[54] **INDUCTION DE LYMPHOCYTES T SPECIFIQUES DU VIH**
[72] ARLINGHAUS, RALPH B., US
[72] NEHETE, PRAMOD N., US
[72] SASTRY, JAGANNADHA K., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2001-05-15
[86] 1999-11-16 (PCT/US99/27185)
[87] 2000-05-25 (WO00/29008)
[30] US (60/108,563) 1998-11-16
[30] US (60/115,175) 1999-01-08

[21] **2,350,102**
[13] A1

[51] **Int.Cl. 7D21C 9/18 7B01D 33/06 7B30B 9/20**
[25] EN
[54] **DEWATERING DEVICE**
[54] **DISPOSITIF D'EGOUTTAGE**
[72] DANIELSSON, MAGNUS, SE
[72] LUNDBERG, JORGEN, SE
[71] VALMET FIBERTECH AB, SE
[85] 2001-05-03
[86] 1999-11-04 (PCT/SE99/01978)
[87] 2000-05-18 (WO00/28134)
[30] SE (9803814-4) 1998-11-06

[21] **2,350,105**
[13] A1

[51] **Int.Cl. 7F01M 1/08 7F01M 3/04 7F02F 1/20**
[25] EN
[54] **LUBRICATION SYSTEM FOR LARGE DIESEL ENGINES**
[54] **SYSTEME DE LUBRIFICATION POUR MOTEURS DIESEL DE GRANDE TAILLE**
[72] DRAGSTED, JORN, DK
[72] THOMSEN, JENS, DK
[71] HANS JENSEN LUBRICATORS A/S, DK
[85] 2001-05-03
[86] 1999-11-04 (PCT/DK99/00599)
[87] 2000-05-18 (WO00/28194)
[30] DK (PA 1998 01425) 1998-11-05

[21] **2,350,103**
[13] A1

[51] **Int.Cl. 7H05K 7/14 7A63F 13/08**
[25] EN
[54] **CABINET OF ELECTRONIC DEVICE FOR HOUSING ELECTRONIC COMPONENTS AND ELECTRONIC DEVICE HAVING THE CABINET**
[54] **CONSOLE DE DISPOSITIF ELECTRONIQUE DESTINEE A LOGER DES COMPOSANTS ELECTRONIQUES ET DISPOSITIF ELECTRONIQUE DOTE DE LA CONSOLE**
[72] OOTORI, YASUHIRO, JP
[72] GOTO, TEIYU, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
[85] 2001-05-03
[86] 2000-09-01 (PCT/JP00/05960)
[87] 2001-03-15 (WO01/19152)
[30] JP (11/251655) 1999-09-06
[30] JP (2000/260711) 2000-08-30

[21] **2,350,107**
[13] A1

[51] **Int.Cl. 7A61F 5/455**
[25] EN
[54] **FEMALE URINAL**
[54] **URINAL FEMININ**
[72] MUTKE, HANS GUIDO, DE
[71] MUTKE, HANS GUIDO, DE
[85] 2001-05-03
[86] 1999-11-04 (PCT/EP99/08450)
[87] 2000-05-18 (WO00/27320)
[30] DE (198 51 267.8) 1998-11-06

PCT Applications Entering the National Phase

Canadian Divisional and Previously Unavailable Laid-Open applications

Demands canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

<p>[21] 2,293,717 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/32 7H05K 9/00 [25] EN [54] CELLULAR PHONE MICROWAVE PROTECTOR [54] PROTECTEUR CONTRE LES HYPERFREQUENCES D'UN TELEPHONE CELLULAIRE [72] IRELAND, ROBERT, CA [72] IRELAND, LIETTE, CA [71] IRELAND, ROBERT, CA [71] IRELAND, LIETTE, CA [22] 2000-01-12 [43] 2001-07-12</p>	<p>[21] 2,295,249 [13] A1</p> <p>[51] Int.Cl. 7A61M 35/00 [25] EN [54] FIBRIN GLUE APPLICATOR SYSTEM [54] SYSTEME D'APPLICATION DE COLLE DE FIBRINEUSE [72] EHRENFELS, KARL, US [71] UNITED STATES SURGICAL CORPORATION, US [22] 2000-01-11 [43] 2001-07-11</p>	<p>[21] 2,295,348 [13] A1</p> <p>[51] Int.Cl. 7F21V 33/00 7B41K 1/00 [25] EN [54] LIFELIGHT [54] LUMIERE DE SECURITE [72] MATHIEU, ROBERT L., CA [72] BEDARD, SUSAN S. A., CA [71] MATHIEU, ROBERT L., CA [71] BEDARD, SUSAN S. A., CA [22] 2000-01-11 [43] 2001-07-11</p>
<p>[21] 2,295,193 [13] A1</p> <p>[51] Int.Cl. 7B61B 13/00 7G05B 19/04 [25] EN [54] WIRELESS REMOTE CONTROL AC/DC RAIL GUIDED PROGRAMMABLE TRANSPORTER PLATFORM MACHINE VERSION 1 - WASTE CONTAINER ATTACHED VERSION 2 - MAIL BOX ATTACHED FOR RESIDENTIAL AND COMMERCIAL AREAS USE [54] MACHINE DE TRANSPORT AVEC PLATE-FORME, A CA ET CC, AVEC RAILS DE GUIDAGE, PROGRAMMABLE, A TELECOMMANDE ET SANS FIL; VERSION 1 - AVEC CONTENEUR DE STOCKAGE; VERSION 2 - AVEC BOITE AUX LETTRES POUR UTILISATION DANS DES QUARTIERS D'HABITATION ET COMMERCIAUX [72] GYORI, CSABA, CA [71] GYORI, CSABA, CA [22] 2000-01-11 [43] 2001-07-11</p>	<p>[21] 2,295,260 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/131 7A61P 31/04 7A61K 31/132 7A61K 31/16 7A61K 31/198 7A61K 31/216 7A61K 31/223 [25] EN [54] METHOD FOR TREATING SEPTIC SHOCK [54] METHODE DE TRAITEMENT DU CHOC SEPTIQUE [72] WANG, SOO-RAY, TW [71] WANG, SOO-RAY, TW [22] 2000-01-11 [43] 2001-07-11</p>	<p>[21] 2,295,423 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/30 7H04L 12/16 [25] EN [54] PROCESS AND METHOD OF PROVIDING RAPID RESULTS FROM CUSTOMER MARKET RESEARCH USING THE INTERNET [54] PROCESSUS ET METHODE VISANT A FOURNIR RAPIDEMENT LES RESULTATS D'ETUDES DE MARCHE EFFECTUEES AUPRES DE CLIENTS AU MOYEN D'INTERNET [72] MACLELLAN, NEIL, CA [72] MACLELLAN, IAN, CA [72] SCOTT, GREGG, CA [71] MACLELLAN, NEIL, CA [71] MACLELLAN, IAN, CA [71] SCOTT, GREGG, CA [22] 2000-01-11 [43] 2001-07-11</p>
	<p>[21] 2,295,288 [13] A1</p> <p>[51] Int.Cl. 7B60B 19/00 7G01P 13/00 7G01M 17/06 [25] EN [54] A METHOD FOR VERIFYING WHEEL ROTATION AND A WHEEL ROTATION INDICATOR [54] METHODE DE VERIFICATION ET INDICATEUR DE LA ROTATION DES ROUES [72] KROMM, COLLEEN, CA [72] KROMM, DALE, CA [71] KROMM, COLLEEN, CA [71] KROMM, DALE, CA [22] 2000-01-12 [43] 2001-07-12</p>	

Canadian Divisional and Previously Unavailable Laid-Open applications

<p style="text-align: right;">[21] 2,295,450 [13] A1</p> <p>[51] Int.Cl. 7B29C 65/22 [25] EN [54] EASY-MOUNT SEALING ELEMENT FOR PACKAGING MACHINES [54] ELEMENT A SCELLER A CHAUD, FACILE A MONTER ET POUR MACHINES A EMBALLER [72] SADLER, JAMES WILLIAM, CA [72] KING, DAVID CAMPBELL, CA [72] RILEY, DAVID CLIFFORD, CA [71] SADLER, JAMES WILLIAM, CA [71] KING, DAVID CAMPBELL, CA [71] RILEY, DAVID CLIFFORD, CA [22] 2000-01-11 [43] 2001-07-11</p>	<p style="text-align: right;">[21] 2,296,011 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/32 7H04M 1/725 [25] EN [54] A DESIGN FOR ALLEVIATING THE EFFECT OF CELLULAR PHONE MAGNETIC WAVE TO BRAIN AND FOR MINIMIZING THE SIZE OF CELLULAR PHONE [54] TELEPHONE CELLULAIRE PLUS PETIT ET A EFFET REDUIT DES ONDES MAGNETIQUES SUR LE CERVEAU [72] ZHANG, YINFENG, CA [72] DONG, BIN, ZZ [71] ZHANG, YINFENG, CA [71] DONG, BIN, CA [22] 2000-01-12 [43] 2001-07-12</p>	<p style="text-align: right;">[21] 2,296,127 [13] A1</p> <p>[51] Int.Cl. 7C10G 45/02 7C10G 67/02 [25] EN [54] METHOD FOR MAKING A PROCESS OIL BY USING AROMATIC ENRICHMENT AND TWO PASS HYDROFINISHING [54] METHODE DE FABRICATION D'UNE HUILE DE MISE EN OEUVRE AU MOYEN DE L'ENRICHISSEMENT AROMATIQUE ET DE L'HYDROFINISSAGE A DEUX PARCOURS [72] BOYLE, JOSEPH PHILIP, US [72] HANSON, WAYNE EDWARD, US [72] JARNOT, BRUCE MICHAEL, US [72] ANGELO, JACOB BEN, US [72] ALDOUS, KEITH KALUNA, US [71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US [22] 2000-01-14 [43] 2001-07-14</p>
<p style="text-align: right;">[21] 2,295,451 [13] A1</p> <p>[51] Int.Cl. 7H02P 6/00 7H02K 29/00 7H02K 16/04 [25] EN [54] ROTARY AND LINEAR MOTOR [54] MOTEUR ROTATIF ET LINEAIRE [72] LI, HUI, CA [71] LI, HUI, CA [22] 2000-01-11 [43] 2001-07-11</p>	<p style="text-align: right;">[21] 2,296,124 [13] A1</p> <p>[51] Int.Cl. 7A23L 1/08 [25] EN [54] DRIED HONEY [54] MIEL SECHE [72] GREEN, RICK, CA [71] HUNY HUNKS LTD., CA [22] 2000-01-14 [43] 2001-07-14</p>	<p style="text-align: right;">[21] 2,296,130 [13] A1</p> <p>[51] Int.Cl. 7C01B 13/11 [25] EN [54] OZONE GENERATOR [54] OZONEUR [72] CONRAD, WAYNE ERNEST, CA [71] FANTOM TECHNOLOGIES INC., CA [22] 2000-01-14 [43] 2001-07-14</p>
<p style="text-align: right;">[21] 2,295,644 [13] A1</p> <p>[51] Int.Cl. 7B25D 1/06 [25] EN [54] MAPLE LEAF HAMMER [54] LE MARTEAU « FEUILLE D'ERABLE » [72] KOECHER, WOLFGANG, CA [71] KOECHER, WOLFGANG, CA [22] 2000-01-11 [43] 2001-07-11</p>	<p style="text-align: right;">[21] 2,296,125 [13] A1</p> <p>[51] Int.Cl. 7G01F 23/00 7G01F 23/296 [25] EN [54] PORTABLE CONTAINER LEVEL INDICATOR [54] INDICATEUR DU NIVEAU D'UN CONTENANT PORTATIF [72] MANN, KEN, CA [71] MANN, KEN, CA [22] 2000-01-14 [43] 2001-07-14</p>	<p style="text-align: right;">[21] 2,296,214 [13] A1</p> <p>[51] Int.Cl. 7G01V 1/00 7G01P 13/00 7G08B 21/10 [25] EN [54] SNOW/DEBRIS AVALANCHE DETECTION MONITOR [54] DISPOSITIF DE DETECTION D'AVALANCHES DE NEIGE ET DE DEBRIS [72] BILAK, ROMAN A., CA [72] THERIAULT, LAURENT, CA [71] MOUNTAIN WATCH INC., CA [22] 2000-01-14 [43] 2001-07-14</p>
<p style="text-align: right;">[21] 2,295,651 [13] A1</p> <p>[51] Int.Cl. 7B23B 47/28 7B23B 49/00 [25] EN [54] DRILL PRESS HOLE JIG [54] GABARIT POUR PERCEUSE A COLONNE PERMETTANT DE PERCER DES TROUS [72] KOECHER, WOLFGANG, CA [71] KOECHER, WOLFGANG, CA [22] 2000-01-11 [43] 2001-07-11</p>		

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,296,221**
[13] A1

[51] **Int.Cl. 7B60C 23/02 7G08C 17/02**
[25] EN
[54] **APPARATUS FOR DETECTING PRESSURE CONDITION IN A PNEUMATIC TIRE**
[54] **APPAREIL POUR DETECTER LA PRESSION DES PNEUS**
[72] HUANG, TIEN-TSAI, TW
[71] HUANG, TENG-WEN, TW
[22] 2000-01-14
[43] 2001-07-14

[21] **2,296,226**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 9/44 7G06F 17/60**
[25] EN
[54] **ACCESSING AN ERP APPLICATION OVER THE INTERNET USING STRONGLY TYPED DECLARATIVE LANGUAGE FILES**
[54] **ACCES A UNE APPLICATION ERP SUR INTERNET AU MOYEN DE FICHIERS DE LANGAGE DECLARATIF TRES TYPE**
[72] VODAREK, JIRI GEORGE, CA
[72] LO, FREDERICK, CA
[72] VISWANATHAN, ARVIND, CA
[72] ORCHARD, DAVID B., CA
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
[22] 2000-01-14
[43] 2001-07-14

[21] **2,296,243**
[13] A1

[51] **Int.Cl. 7G01V 3/15 7B63B 59/06 7G11B 5/127**
[25] FR
[54] **LE CONNECTEUR**
[54] **THE CONNECTOR**
[72] BOURQUE, JEAN-PIERRE, CA
[71] BOURQUE, JEAN-PIERRE, CA
[22] 2000-01-14
[43] 2001-07-14

[21] **2,297,531**
[13] A1

[51] **Int.Cl. 7H02H 1/04**
[25] EN
[54] **MULTI-STAGE SURGE PROTECTOR WITH SWITCH-GRADE FAIL-SHORT MECHANISM**
[54] **PROTECTEUR CONTRE SURTENSIONS A ETAPES MULTIPLES MUNI D'UN MECANISME AVEC INTERRUPTEUR PERMETTANT DE CHANGER DE TERMINAL EN CAS DE COURT-CIRCUIT**
[72] MARTIN, DAVID, ZZ
[72] OERTEL, WOLFGANG, ZZ
[71] JOSLYN ELECTRONIC SYSTEMS COMPANY, LLC, US
[22] 2000-02-01
[43] 2001-07-14
[30] US (09/483,149) 2000-01-14

[21] **2,298,327**
[13] A1

[51] **Int.Cl. 7C08L 67/02 7C09D 167/02 7C09D 167/04 7C08L 67/04 7C08J 5/18**
[25] EN
[54] **BIODEGRADABLE FILM**
[54] **FILM BIODEGRADABLE**
[72] CURRIER, JUDE, US
[72] CHANDLER, CHRISTOPHE, US
[72] AHLBRECHT, ARTHUR H., US
[72] MIKSIC, BORIS A., US
[71] CORTEC CORPORATION, US
[22] 2000-02-10
[43] 2001-07-14
[30] US (09/483,482) 2000-01-14

[21] **2,298,964**
[13] A1

[51] **Int.Cl. 7E06B 9/08**
[25] EN
[54] **ROLLER SCREEN**
[54] **ECRAN ESCAMOTABLE**
[72] WARTENBERGH, LEONARDUS HENDRIKUS, NL
[71] HAMSTRA-WEESP B.V., NL
[22] 2000-02-18
[43] 2001-07-14
[30] NL (1014061) 2000-01-14

[21] **2,300,582**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/27 7G06F 9/44**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATIC DOCUMENTATION OF CONFIGURABLE SYSTEMS**
[54] **METHODE ET SYSTEME DE DOCUMENTATION AUTOMATIQUE DE SYSTEMES CONFIGURABLES**
[72] SABIN, DANIEL, US
[72] WERTSBERGER, SHALOM, US
[72] BAKMAN, ALEXANDER, US
[72] HULUBEI, TUDOR, US
[71] ECORA.COM CORP., US
[22] 2000-03-13
[43] 2001-07-11
[30] US (09/481,069) 2000-01-11

[21] **2,300,702**
[13] A1

[51] **Int.Cl. 7A61N 1/39 7A61N 1/36**
[25] EN
[54] **METHOD AND APPARATUS FOR MYOCARDIAL CONTROL**
[54] **METHODE ET APPAREIL DE CONTROL DU MYOCARDE**
[72] SCOTT, DALE L., US
[72] SCHULER, ELEANOR L., US
[71] CPR MEDICAL, INC., US
[22] 2000-03-15
[43] 2001-07-14
[30] US (09/483,310) 2000-01-14

[21] **2,306,289**
[13] A1

[51] **Int.Cl. 7E21B 33/12**
[25] EN
[54] **A TUBING PLUG**
[54] **TAMPON POUR TUBES**
[72] FREIHEIT, ROLAND RICHARD, CA
[71] WEATHERFORD/LAMB, INC., US
[22] 2000-04-20
[43] 2001-07-11
[30] US (09/480,638) 2000-01-11

[21] **2,310,163**
[13] A1

[51] **Int.Cl. 7A01G 33/00**
[25] EN
[54] **ARTIFICIAL SEAWEED BED**
[54] **FOND D'ALGUES ARTIFICIEL**
[72] KIKUCHI, SEIJI, JP
[71] TOKYO OFFICE SERVICE LTD., JP
[22] 2000-05-30
[43] 2001-07-14
[30] JP (2000-5166) 2000-01-14

Canadian Divisional and Previously Unavailable Laid-Open applications

[21] **2,312,618**
[13] A1

[51] **Int.Cl. 7B41F 3/28 7B41M 1/14 7B41F 5/20**
[25] EN
[54] **METHOD AND APPARATUS FOR SAMPLING AND INSPECTING INK FOR A PRINTING PRESS**
[54] **METHODE ET APPAREIL D'ECHANTILLONNAGE ET D'INSPECTION DE L'ENCRE D'UNE PRESSE A IMPRIMER**
[72] DU PONT, JOHN, US
[71] PAPER CONVERTING MACHINE COMPANY, US
[22] 2000-06-28
[43] 2001-07-11
[30] US (09/481,105) 2000-01-11

[21] **2,315,418**
[13] A1

[51] **Int.Cl. 7B21D 3/10**
[25] EN
[54] **WHEEL REPAIRING APPARATUS AND WHEEL REPAIRING METHOD**
[54] **APPAREIL ET METHODE DE REPARATION DE ROUES**
[72] HIZONO, TOSHIHIRO, JP
[71] TSUBASA SYSTEM CO., LTD., JP
[22] 2000-08-01
[43] 2001-07-14
[30] JP (2000-10202) 2000-01-14

[21] **2,315,951**
[13] A1

[51] **Int.Cl. 7F16D 27/06**
[25] EN
[54] **ELECTROMAGNETIC CLUTCH**
[54] **EMBAYAGE ELECTROMAGNETIQUE**
[72] KAWADA, MINORU, JP
[72] TANIGAKI, RYUHEI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2000-08-08
[43] 2001-07-14
[30] JP (2000-006577) 2000-01-14

[21] **2,317,147**
[13] A1

[51] **Int.Cl. 7C10L 1/12 7F23K 5/08**
[25] EN
[54] **METHOD FOR IMPROVING FUEL EFFICIENCY IN COMBUSTION CHAMBERS**
[54] **METHODE POUR AMELIORER LE RENDEMENT DU COMBUSTIBLE DANS LES CHAMBRES DE COMBUSTION**
[72] ROBINSON, BARNETT J., US
[71] ROBINSON, BARNETT J., US
[22] 2000-08-29
[43] 2001-07-14
[30] US (09/483,598) 2000-01-14

[21] **2,323,167**
[13] A1

[51] **Int.Cl. 7H01M 2/14 7H01M 2/16**
[25] EN
[54] **SEPARATOR FOR A FUEL CELL**
[54] **SEPARATEUR POUR PILE A COMBUSTIBLE**
[72] YOSHIDA, TSUNEMORI, JP
[71] NIPPON PILLAR PACKING CO., LTD., JP
[22] 2000-10-11
[43] 2001-07-11
[30] JP (2000-002383) 2000-01-11

[21] **2,324,763**
[13] A1

[51] **Int.Cl. 7B65D 83/76**
[25] EN
[54] **PISTON FOR CLOSING A CARTRIDGE**
[54] **PISTON POUR FERMER UNE CARTOUCHE**
[72] STOSSEL, WILLY, CH
[71] STEBLER U. CO. AG, CH
[22] 2000-10-31
[43] 2001-07-11
[30] CH (0046/00) 2000-01-11

[21] **2,325,616**
[13] A1

[51] **Int.Cl. 7F04B 17/00 7F04B 9/02**
[25] EN
[54] **VARIABLE DISPLACEMENT PISTON PUMP/MOTOR**
[54] **POMPE ET MOTEUR A PISTONS A CYLINDREE VARIABLE**
[72] KANAMARU, HISANOBU, JP
[72] ITO, TAKAO, JP
[71] AIDA ENGINEERING CO., LTD., JP
[22] 2000-11-10
[43] 2001-07-11
[30] JP (2000-002157) 2000-01-11

[21] **2,326,189**
[13] A1

[51] **Int.Cl. 7F41H 3/00**
[25] EN
[54] **INFRARED CAMOUFLAGE DEVICE**
[54] **DISPOSITIF DE CAMOUFLAGE A INFRAROUGE**
[72] LEUPOLZ, ANDREAS, DE
[72] ROTHMUND, WALTER, DE
[72] SCHERBER, WERNER, DE
[71] DORNIER GMBH, DE
[22] 2000-11-17
[43] 2001-07-11
[30] DE (199 55 608.3-15) 1999-11-19

[21] **2,326,197**
[13] A1

[51] **Int.Cl. 7H04N 7/00 7H04L 12/16 7H04N 7/173**
[25] EN
[54] **METHOD AND SYSTEM FOR ENABLING REAL-TIME INTERACTIVE E-COMMERCE TRANSACTIONS**
[54] **METHODE ET SYSTEME PERMETTANT L'EXECUTION DE TRANSACTIONS DE COMMERCE ELECTRONIQUE INTERACTIVES ET EN TEMPS REEL**
[72] ZETTS, JOHN M., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-11-17
[43] 2001-07-11
[30] US (09/481,051) 2000-01-11

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,326,688**
[13] A1

[51] **Int.Cl. 7H04B 7/14 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR LOCAL WIRELESS COMMERCE**
[54] **METHODE ET SYSTEME POUR LE COMMERCE LOCAL SANS FIL**
[72] MOORE, VICTOR S., US
[72] STERN, EDITH H., US
[72] WILLNER, BARRY E., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2000-11-24
[43] 2001-07-11
[30] US (09/480,643) 2000-01-11

[21] **2,326,929**
[13] A1

[51] **Int.Cl. 7H04M 11/06**
[25] EN
[54] **A FREQUENCY SENSITIVE INDUCTANCE DEVICE IN POTS SPLITTER DESIGN**
[54] **DISPOSITIF D'INDUCTANCE SENSIBLE AUX FREQUENCES DANS LE COUPLEUR RECEPTION DU SERVICE TELEPHONIQUE TRADITIONNEL**
[72] STABER, HARLEY J., US
[72] TIAN, WEI, US
[71] CORNING CABLE SYSTEMS LLC, US
[22] 2000-11-28
[43] 2001-07-14
[30] US (09/483,756) 2000-01-14

[21] **2,327,007**
[13] A1

[51] **Int.Cl. 7G02B 6/40**
[25] EN
[54] **REMOVABLY MOUNTED FIBER OPTIC CONNECTOR AND ASSOCIATED ADAPTER**
[54] **CONNECTEUR DE FIBRES OPTIQUES AMOVIBLE, ET ADAPTATEUR CONNEXE**
[72] SEMMLER, SCOTT E., US
[72] DE JONG, MICHAEL, US
[71] CORNING CABLE SYSTEMS LLC, US
[22] 2000-11-29
[43] 2001-07-14
[30] US (09/483,250) 2000-01-14

[21] **2,327,057**
[13] A1

[51] **Int.Cl. 7B05B 1/02 7B05B 7/00**
[25] EN
[54] **LIQUID ATOMIZATION METHOD AND SYSTEM**
[54] **METHODE ET SYSTEME DE PULVERISATION D'UN LIQUIDE**
[72] KWOK, KUI-CHIU, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-11-29
[43] 2001-07-14
[30] US (09/483,647) 2000-01-14

[21] **2,327,218**
[13] A1

[51] **Int.Cl. 7A47G 29/00**
[25] EN
[54] **ADJUSTABLE HOLDER FOR A CONTAINER**
[54] **SUPPORT AJUSTABLE POUR CONTENANT**
[72] ROBBINS, RODNEY W., US
[72] MITCHELL, OSCAR SEAN, US
[71] ROBBINS, RODNEY W., US
[71] MITCHELL, OSCAR SEAN, US
[22] 2000-12-01
[43] 2001-07-14
[30] US (09/487,633) 2000-01-14

[21] **2,328,027**
[13] A1

[51] **Int.Cl. 7B61F 1/02**
[25] EN
[54] **DRAFT SILL WITH LOCKING CENTER PIN**
[54] **TRAVERSE DE TRACTION AVEC GOUPILLE CENTRALE DE VERROUILLAGE**
[72] LADENDORF, JEFFERY R., US
[72] KAUFHOLD, HORST T., US
[72] OESCH, JOHN F., US
[71] AMSTED INDUSTRIES INCORPORATED, US
[22] 2000-12-12
[43] 2001-07-14
[30] US (09/483,083) 2000-01-14

[21] **2,328,044**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 13/38**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSFERRING DATA FILES RETRIEVABLE VIA A COMMUNICATIONS NETWORK**
[54] **METHODE ET APPAREIL DE TRANSFERT DE FICHIERS DE DONNEES RECUPERABLES AU MOYEN D'UN RESEAU DE TRANSMISSION**
[72] KERMANI, BAHRAM GHAFFARZADEH, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-12-11
[43] 2001-07-14
[30] US (09/483,438) 2000-01-14

[21] **2,328,666**
[13] A1

[51] **Int.Cl. 7E21B 33/035**
[25] EN
[54] **WELLHEAD ASSEMBLY**
[54] **ASSEMBLAGE DE TETE DE Puits**
[72] CARTER, MARK LYNN, US
[71] COOPER CAMERON CORPORATION, US
[22] 2000-12-15
[43] 2001-07-11
[30] US (09/480,392) 2000-01-11

[21] **2,329,668**
[13] A1

[51] **Int.Cl. 7H01Q 1/50**
[25] EN
[54] **LIGHTNING PROTECTION FOR AN ACTIVE ANTENNA USING PATCH/MICROSTRIP ELEMENTS**
[54] **PROTECTION CONTRE LA Foudre POUR UNE ANTENNE ACTIVE AU MOYEN D'ELEMENTS D'ANTENNES A PLAQUE ET D'ANTENNES MICRORUBAN**
[72] JUDD, MANO D., US
[72] MONTE, THOMAS D., US
[71] ANDREW CORPORATION, US
[22] 2000-12-27
[43] 2001-07-14
[30] US (09/483,648) 2000-01-14

Canadian Divisional and Previously Unavailable Laid-Open applications

[21] **2,329,892**
[13] A1

[51] **Int.Cl. 7G09G 5/399**
[25] EN
[54] **RENDERING PROCESSING APPARATUS REQUIRING LESS STORAGE CAPACITY FOR MEMORY AND METHOD THEREFOR**
[54] **APPAREIL DE TRAITEMENT DU RENDU NECESSITANT MOINS DE CAPACITE DE MEMOIRE, ET METHODE CONNEXE**
[72] SHIMAKAWA, KAZUHIRO, JP
[72] AZEKAWA, YOSHIFUMI, JP
[72] MORIWAKI, SHOHEI, JP
[72] CHIBA, OSAMU, JP
[71] MITSUBISHI ELECTRIC SYSTEM LSI DESIGN CORPORATION, JP
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[22] 2000-12-29
[43] 2001-07-14
[30] JP (2000-005417) 2000-01-14

[21] **2,330,021**
[13] A1

[51] **Int.Cl. 7H04B 7/005 7H01Q 21/00 7H04B 7/02 7H04B 1/18**
[25] EN
[54] **METHOD AND SYSTEM FOR ADAPTIVE SIGNAL PROCESSING FOR AN ANTENNA ARRAY**
[54] **METHODE ET SYSTEME DE TRAITEMENT ADAPTATIF DE SIGNAUX POUR UN RESEAU D'ANTENNES**
[72] AIKEN, RICHARD THOMAS, US
[72] UPTEGROVE, DIRCK, US
[72] BENNING, ROGER DAVID, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2001-01-02
[43] 2001-07-11
[30] US (09/481,567) 2000-01-11

[21] **2,330,096**
[13] A1

[51] **Int.Cl. 7E04F 19/02**
[25] EN
[54] **ADJUSTABLE CORNER TRIM STRIP**
[54] **BANDE COUVRE-JOINT EN COIN AJUSTABLE**
[72] DUNHAM, WESLEY H., US
[71] UNITED STATES GYPSUM COMPANY, US
[22] 2001-01-04
[43] 2001-07-11
[30] US (09/481057) 2000-01-11

[21] **2,330,205**
[13] A1

[51] **Int.Cl. 7H01S 3/10**
[25] EN
[54] **APPARATUS AND METHOD FOR SEPARATING MEMORY AND CONTROL FUNCTIONS IN A LASER CONTROL SYSTEM**
[54] **APPAREIL ET METHODE DE SEPARATION DE LA MEMOIRE DES FONCTIONS DE COMMANDE DANS UN SYSTEME DE COMMANDE LASER**
[72] STAYT, JOHN WILLIAM JR., US
[72] OGAWA, KINICHIRO (deceased), US
[72] KOCH, THOMAS LAWSON, US
[72] MAK, ERIC S., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2001-01-03
[43] 2001-07-11
[30] US (09/480,863) 2000-01-11

[21] **2,330,259**
[13] A1

[51] **Int.Cl. 7B29C 51/08 7H01M 2/18**
[25] EN
[54] **PLATE WITH REGULAR PROJECTIONS, AND DEVICE AND METHOD FOR FORMING THE PLATE**
[54] **PLAQUE AVEC PROJECTIONS REGULIERES, AINSI QUE DISPOSITIF ET METHODE DE FABRICATION DE LA PLAQUE**
[72] IKEDA, SADA0, JP
[71] TOYOTA JIDOSHA KUBUSHIKI KAISHA, JP
[22] 2001-01-05
[43] 2001-07-14
[30] JP (2000-006913) 2000-01-14

[21] **2,330,410**
[13] A1

[51] **Int.Cl. 7G03B 15/06 7H04N 7/18**
[25] EN
[54] **SYSTEM FOR SIMULTANEOUSLY IMAGING VEHICLES AND THEIR LICENSE PLATES**
[54] **SYSTEME D'IMAGERIE SIMULTANEE DE VEHICULES ET DE LEURS PLAQUES D'IMMATRICULATION**
[72] ALVES, JAMES FRANCIS, US
[71] PULNIX AMERICA, INC., US
[22] 2001-01-10
[43] 2001-07-11
[30] US (09/481,132) 2000-01-11

[21] **2,330,461**
[13] A1

[51] **Int.Cl. 7C10G 69/04**
[25] FR
[54] **PROCEDE DE CONVERSION DE FRACTIONS PETROLIERES COMPRENANT UNE ETAPE D'HYDROCONVERSION EN LIT BOUILLONNANT, UNE ETAPE DE SEPARATION, UNE ETAPE D'HYDRODESULFURATION ET UNE ETAPE DE CRAQUAGE**
[54] **PETROLEUM FRACTION CONVERSION PROCESS INCLUDING A HYDROCONVERSION STAGE IN A BUBBLING BED, A SEPARATION STAGE, A HYDRODESULFURATION STAGE AND A CRACKING STAGE**
[72] KRESSMANN, STEPHANE, FR
[72] MOREL, FREDERIC, FR
[72] COLYAR, JAMES J., FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 2001-01-09
[43] 2001-07-11
[30] FR (00 00 368) 2000-01-11

[21] **2,330,477**
[13] A1

[51] **Int.Cl. 7G02C 7/04 7A61F 2/16**
[25] FR
[54] **JEU DE DEUX LENTILLES OPHTALMIQUES, GAMME ET PROCEDE POUR CONSTITUER UN TEL JEU**
[54] **SET OF TWO OPHTALMIC LENSES, RANGE AND PROCESS TO PUT TOGETHER SUCH A SET**
[72] LEGRAS, RICHARD, FR
[72] FERMIGIER, BRUNO, FR
[72] CHATEAU, NICOLAS, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[22] 2001-01-12
[43] 2001-07-14
[30] FR (00 00 466) 2000-01-14

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,330,504**
[13] A1

[51] **Int.Cl. 7H02G 15/00**
[25] EN
[54] **BUS BARS FOR POKE-THROUGH FLOOR FITTING**
[54] **BARRE OMNIBUS POUR PRISE DE SOL**
[72] DEBARTOLO, JOSEPH V., JR, US
[72] CZERNER, PETER A., US
[72] BONILLA, NELSON, US
[72] GOODMAN, ALFRED N., US
[71] HUBBELL INCORPORATED, US
[22] 2001-01-09
[43] 2001-07-11
[30] US (09/481,568) 2000-01-11

[21] **2,330,516**
[13] A1

[51] **Int.Cl. 7B29C 47/12**
[25] EN
[54] **EXTRUDER DIE HEAD**
[54] **TETE D'EXTRUDEUSE**
[72] BECKMANN, HANS-UDO, DE
[72] LINKIES, JURGEN, DE
[72] AUS DEM MOORE, DIETER, DE
[71] WINDMOLLER & HOLSCHER, DE
[22] 2001-01-09
[43] 2001-07-14
[30] DE (100 01 362.7) 2000-01-14

[21] **2,330,714**
[13] A1

[51] **Int.Cl. 7C08B 11/20 7C08B 11/02**
[25] EN
[54] **CONTINUOUS PROCESS AND APPARATUS FOR THE DRYING AND GEL FORMATION OF SOLVENT-CONTAINING GEL-FORMING POLYMERS**
[54] **PROCEDE CONTINU ET APPAREIL POUR LE SECHAGE ET LA GELIFICATION DE POLYMERES GELIFIANTS ET CONTENANT DES SOLVANTS**
[72] GEHRMANN, DIETRICH, DE
[72] KEMPKE, HARTWIG, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2001-01-11
[43] 2001-07-14
[30] DE (10001256.6) 2000-01-14

[21] **2,330,716**
[13] A1

[51] **Int.Cl. 7C22C 19/07 7A61K 6/04 7C22C 19/05**
[25] EN
[54] **NON-PRECIOUS ALLOY AND USE OF SAME**
[54] **ALLIAGE NON PRECIEUX ET UTILISATION DUDIT ALLIAGE**
[72] STRIETZEL, ROLAND DIETER, DE
[71] BEGO BREMER GOLDSCHLAGEREI WILH. HERBST GMBH & CO., DE
[22] 2001-01-12
[43] 2001-07-14
[30] DE (100 01 547.6) 2000-01-14

[21] **2,330,721**
[13] A1

[51] **Int.Cl. 7A01K 85/00**
[25] EN
[54] **LURE**
[54] **LEURRE**
[72] IMAMURA, KOICHI, JP
[71] IMAMURA, KOICHI, JP
[22] 2001-01-11
[43] 2001-07-11
[30] JP (2000-000053) 2000-01-11

[21] **2,330,726**
[13] A1

[51] **Int.Cl. 7A61K 9/66 7A61K 7/00 7A01N 25/26 7A61K 47/34 7A61K 47/36 7C11D 3/37 7C11D 3/50 7A23L 2/56**
[25] EN
[54] **COMPOSITE MATERIALS**
[54] **MATERIAUX COMPOSITES**
[72] UBBINK, JOHAN BERNARD, CH
[72] TASCHI, MARC, CH
[72] QUELLET, CHRISTIAN, CH
[71] GIVAUDAN SA, CH
[22] 2001-01-10
[43] 2001-07-11
[30] EP (00100464.7) 2000-01-11

[21] **2,330,728**
[13] A1

[51] **Int.Cl. 7B29C 47/90 7B29C 44/34**
[25] EN
[54] **FORMING DEVICE FOR AN EXTRUSION PLANT**
[54] **DISPOSITIF A FORMER POUR UNE INSTALLATION D'EXTRUSION**
[72] KOSSL, REINHOLD, AT
[71] GREINER EXTRUSIONSTECHNIK GMBH, AT
[22] 2001-01-10
[43] 2001-07-14
[30] AT (A61/2000) 2000-01-14

[21] **2,330,734**
[13] A1

[51] **Int.Cl. 7B60T 17/22**
[25] EN
[54] **BRAKE WEAR AND STROKE LENGTH SENSOR AND METHOD OF USING SAME**
[54] **DETECTEUR DE L'USURE DES FREINS ET DE LA COURSE, ET METHODE D'UTILISATION DUDIT DETECTEUR**
[72] EHRlich, DONALD J., US
[72] MCCANN, GERARD O., US
[72] EHRlich, RODNEY P., US
[72] BROWN, JAMES B., JR., US
[71] WABASH TECHNOLOGY CORPORATION, US
[22] 2001-01-10
[43] 2001-07-11
[30] US (60/175,493) 2000-01-11

[21] **2,330,737**
[13] A1

[51] **Int.Cl. 7F01D 5/20**
[25] EN
[54] **FLOW MACHINE FOR A FLUID WITH A RADIAL SEALING GAP BETWEEN STATOR PARTS AND A ROTOR**
[54] **MACHINE DE DEBIT AVEC LIQUIDE MUNI D'UNE VIS D'OBTURATION RADIALE SITUEE ENTRE LES PARTIES D'UN STATOR ET UN ROTOR**
[72] PESEK, TOMAS, CH
[72] BOLLIGER, WALTER, CH
[71] SULZER PUMPEN AG, CH
[22] 2001-01-10
[43] 2001-07-11
[30] EP (00 810 024.0) 2000-01-11

[21] **2,330,799**
[13] A1

[51] **Int.Cl. 7H04L 1/22 7H04J 3/02 7H04L 12/56**
[25] EN
[54] **BURST AND PACKET WIRELESS TRANSMISSION USING PRODUCT CODES WITH ITERATIVE DECODING**
[54] **TRANSMISSION PAR RAFALES ET PAR PAQUETS SANS FIL UTILISANT DES CODES DE PRODUITS A DECODAGE ITERATIF**
[72] SAUNDERS, OLIVER W., US
[72] BERGER, HARVEY L., US
[71] TRW INC., US
[22] 2001-01-10
[43] 2001-07-11
[30] US (09/481,082) 2000-01-11

Canadian Divisional and Previously Unavailable Laid-Open applications

<p align="right">[21] 2,330,801 [13] A1</p> <p>[51] Int.Cl. 7A47L 9/16 [25] EN [54] VACUUM CLEANER [54] ASPIRATEUR [72] CONRAD, WAYNE ERNEST, CA [71] FANTOM TECHNOLOGIES INC., CA [22] 2001-01-11 [43] 2001-07-14 [30] US (09/482,907) 2000-01-14</p>	<p align="right">[21] 2,330,881 [13] A1</p> <p>[51] Int.Cl. 7H04L 12/24 7H04M 11/06 7H04L 12/66 [25] EN [54] CALL ADMISSION CONTROL IN TELECOMMUNICATION NETWORKS [54] CONTROLE D'ADMISSION D'APPELS DE RESEAUX DE TELECOMMUNICATIONS [72] XU, MAO, US [72] SILVUS, SHANNON P., US [72] SHEN, XIAOJUN, US [71] SPRINT COMMUNICATIONS COMPANY, L.P., US [22] 2001-01-11 [43] 2001-07-14 [30] US (09/483,476) 2000-01-14</p>	<p align="right">[21] 2,330,906 [13] A1</p> <p>[51] Int.Cl. 7A47K 10/02 [25] EN [54] DECORATIVE TOWEL ASSEMBLY [54] SERVIETTES DECORATIVES [72] GABRIELE, ROSEMARIE A., US [71] GABRIELE, ROSEMARIE A., US [22] 2001-01-11 [43] 2001-07-14 [30] US (09/483,479) 2000-01-14</p>
<p align="right">[21] 2,330,851 [13] A1</p> <p>[51] Int.Cl. 7A47L 9/02 7A47L 5/12 [25] EN [54] VACUUM CLEANER CLEANING HEAD [54] TETE DE NETTOYAGE D'UN ASPIRATEUR [72] CONRAD, WAYNE ERNEST, CA [72] PETERSEN, DAVE ANDREW, CA [71] FANTOM TECHNOLOGIES INC., CA [22] 2001-01-12 [43] 2001-07-14 [30] US (60/176,060) 2000-01-14</p>	<p align="right">[21] 2,330,890 [13] A1</p> <p>[51] Int.Cl. 7F16K 21/00 7F16L 55/07 [25] EN [54] LOW PROFILE LOW RESTRICTION DRAIN VALVE [54] SOUPAPE DE PURGE A PROFIL BAS ET A BASSE RESTRICTION [72] COUPAL, ANDRÉ, CA [71] COUPAL, ANDRÉ, CA [22] 2001-01-11 [43] 2001-07-11 [30] CA (2,295,187) 2000-01-11</p>	<p align="right">[21] 2,330,909 [13] A1</p> <p>[51] Int.Cl. 7B65B 51/14 7B65B 61/10 [25] EN [54] HEAT SEALER FOR THERMOPLASTIC FILM [54] THERMOSCELLEUSE POUR FILM THERMOPLASTIQUE [72] MILETI, ROBERT J., US [72] GEORGE, DANIEL C., US [71] SEALED AIR CORPORATION, US [22] 2001-01-11 [43] 2001-07-14 [30] US (09/483,117) 2000-01-14</p>
<p align="right">[21] 2,330,867 [13] A1</p> <p>[51] Int.Cl. 7F41G 1/027 7F41G 11/00 7G02B 27/02 7G02B 23/14 7H04N 7/18 [25] EN [54] OPTICAL IMAGING DEVICE FOR FIREARM SCOPE ATTACHMENT [54] DISPOSITIF D'IMAGERIE OPTIQUE POUR LA LUNETTE D'UNE ARME A FEU [72] HOPE, RICHARD W., US [71] HOPE, RICHARD W., US [22] 2001-01-12 [43] 2001-07-14 [30] US (60/176,026) 2000-01-14</p>	<p align="right">[21] 2,330,893 [13] A1</p> <p>[51] Int.Cl. 7A43B 5/04 7A43B 23/07 [25] EN [54] REMOVABLE LINER AND INFLATABLE BLADDER FOR SNOWBOARD BOOTS AND METHOD OF MANUFACTURE [54] DOUBLURE AMOVIBLE ET SAC GONFLABLE POUR BOTTES DE PLANCHES A NEIGE, ET METHODE DE FABRICATION [72] BAEK, JAI KEUN, US [71] DC SHOES, INC., US [22] 2001-01-11 [43] 2001-07-14 [30] US (09/484,130) 2000-01-14</p>	<p align="right">[21] 2,330,910 [13] A1</p> <p>[51] Int.Cl. 7H01R 4/66 7H01R 24/02 7H01R 9/05 7H01R 13/52 [25] EN [54] A WATERPROOF HIGH VOLTAGE CONNECTOR [54] CONNECTEUR HAUTE TENSION IMPERMEABLE [72] RUMSEY, ROGER L., US [71] RELIGHT AMERICA, INC., US [22] 2001-01-11 [43] 2001-07-14 [30] US (60/176,268) 2000-01-14 [30] US (09/596,974) 2000-06-20</p>
		<p align="right">[21] 2,330,928 [13] A1</p> <p>[51] Int.Cl. 7B29C 47/12 [25] EN [54] EXTRUDER DIE HEAD [54] TETE D'EXTRUDEUSE [72] MEYER, ULRICH, DE [71] WINDMOLLER & HOLSCHER, DE [22] 2001-01-15 [43] 2001-07-14 [30] DE (100 01 363.5) 2000-01-14</p>

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,330,941**
[13] A1

[51] **Int.Cl. 7C09K 11/02 7H01J 63/04 7B05D 5/06 7C09K 11/78**
[25] EN
[54] **LUMINESCENT NANOPHASE BINDER SYSTEMS FOR UV AND VUV APPLICATIONS**
[54] **SYSTEMES LIANTS LUMINESCENTS EN NANOPHASE POUR APPLICATIONS UV ET UV EXTREME**
[72] JOHNSON, MARY ANN, US
[72] TRUMBLE, CATHY SHAW, US
[71] OSRAM SYLVANIA INC., US
[22] 2001-01-11
[43] 2001-07-14
[30] US (60/176,242) 2000-01-14
[30] US (09/756,401) 2001-01-08

[21] **2,331,027**
[13] A1

[51] **Int.Cl. 7C10L 1/22**
[25] EN
[54] **MULTIFUNCTIONAL ADDITIVE FOR FUEL OILS**
[54] **ADDITIF MULTIFONCTIONNEL POUR MAZOUTS**
[72] REIMANN, WERNER, DE
[72] KRULL, MATTHIAS, DE
[71] CLARIANT GMBH, DE
[22] 2001-01-10
[43] 2001-07-11
[30] DE (10000649.3) 2000-01-11

[21] **2,331,028**
[13] A1

[51] **Int.Cl. 7C10L 1/22**
[25] EN
[54] **MULTIFUNCTIONAL ADDITIVE FOR FUEL OILS**
[54] **ADDITIF MULTIFONCTIONNEL POUR MAZOUTS**
[72] REIMANN, WERNER, DE
[72] KRULL, MATTHIAS, DE
[71] CLARIANT GMBH, DE
[22] 2001-01-10
[43] 2001-07-11
[30] DE (10000650.7) 2000-01-11
[30] DE (10048682.7) 2000-09-30

[21] **2,331,032**
[13] A1

[51] **Int.Cl. 7F01N 7/08 7B22F 5/00 7F02F 11/00 7F16L 23/02 7B22F 3/12 7F01N 7/18**
[25] EN
[54] **EXHAUST SYSTEM FLANGES**
[54] **REBORDS DE SYSTEMES D'ECHAPPEMENT**
[72] VASUDEVA, KAILASH C., CA
[71] MAXTECH MANUFACTURING INC., CA
[22] 2001-01-15
[43] 2001-07-14
[30] US (60/176,043) 2000-01-14
[30] US (60/194,765') 2000-04-03

[21] **2,331,052**
[13] A1

[51] **Int.Cl. 7C08K 13/02**
[25] EN
[54] **COMPOSITION FOR IMPARTING A TRANSLUCENT OPTICAL EFFECT TO TRANSPARENT THERMOPLASTIC POLYMERS**
[54] **COMPOSITION POUR DONNER UN EFFET VISUEL TRANSLUCIDE A DES POLYMERES THERMOPLASTIQUES TRANSPARENTS**
[72] PHILLIPS, TRACY L., US
[71] POLYONE CORPORATION, US
[22] 2001-01-10
[43] 2001-07-11
[30] US (09/480,955) 2000-01-11

[21] **2,331,066**
[13] A1

[51] **Int.Cl. 7C09K 3/00 7C09D 7/12**
[25] EN
[54] **FLUORINATED CARRIER SOLVENT**
[54] **SOLVANT DE SUPPORT FLUORE**
[72] HANADA, TSUYOSHI, JP
[72] TSUZAKI, MASAOKI, JP
[71] ASAHI GLASS COMPANY, LIMITED, JP
[22] 2001-01-10
[43] 2001-07-11
[30] JP (2000-002783) 2000-01-11

[21] **2,331,083**
[13] A1

[51] **Int.Cl. 7C01B 3/38 7C01B 31/18 7C21D 1/76**
[25] EN
[54] **PROCESS AND REACTOR FOR THE PREPARATION OF HYDROGEN AND CARBON MONOXIDE RICH GAS**
[54] **PROCESSUS ET REACTEUR POUR LA PREPARATION DE GAZ RICHE EN HYDROGENE ET EN MONOXYDE DE CARBONE**
[72] CHRISTENSEN, THOMAS SANDAHL, DE
[72] PRIMDAHL, IVAR IVARSEN, DE
[71] HALDOR TOPSOE A/S, DK
[22] 2001-01-10
[43] 2001-07-11
[30] US (60/175,427) 2000-01-11

[21] **2,331,097**
[13] A1

[51] **Int.Cl. 7G06F 17/00**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR USING AND MANAGING DIGITAL INFORMATION**
[54] **SYSTEME, APPAREIL ET METHODE POUR UTILISER ET GERER DE L'INFORMATION NUMERIQUE**
[72] RODENBURG, DIRK, CA
[71] RELEVANT SOFTWARE INC., CA
[22] 2001-01-15
[43] 2001-07-14
[30] US (09/482,908) 2000-01-14

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[21] **2,342,471**
[13] A1

[51] Int.Cl. 7C07D 207/12 7C07D 261/02
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42 7C07D 211/46

[25] EN

[54]

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[54] **INTERMEDIAIRES AMINES DE
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[72] PHILLIPS, DOUGLAS, US

[72] HULIN, BERNARD, US

[72] HOOVER, DENNIS J., US

[72] TREADWAY, JUDITH L., US

[72] MARTIN, WILLIAM H., US

[71] PFIZER INC., US

[22] 1995-06-06

[43] 1996-12-12

[62] 2,224,062

[21] **2,349,017**
[13] A1

[51] Int.Cl. 7A61K 31/4458 7A61P 23/02
7A61K 45/08 7A61K 31/167 7A61K 31/245
7A61K 31/56

[25] EN

[54] **FORMULATIONS AND METHODS
FOR PROVIDING PROLONGED
LOCAL ANESTHESIA**

[54] **PROCEDES ET COMPOSITIONS
D'ANESTHESIE LOCALE
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[72] GOLDENHEIM, PAUL, US

[72] SACKLER, RICHARD, US

[72] CHASIN, MARK, US

[72] TIGNER, JOSEPH, US

[72] BURCH, RONALD MARTIN, US

[71] EURO-CELTIQUE, S.A., LU

[22] 1996-06-07

[43] 1996-12-27

[62] 2,195,119

[30] US (60/000,105) 1995-06-09

[21] **2,349,030**
[13] A1

[51] Int.Cl. 7C08K 9/06 7C08L 23/06
7C09C 3/12 7C09C 1/36

[25] EN

[54] **IMPROVED PROCESSIBILITY
AND LACING RESISTANCE WHEN
SILANIZED PIGMENTS ARE
INCORPORATED IN POLYMERS**

[54] **AMELIORATION DE L'APTITUDE
DE POLYMERES AU TRAITEMENT ET
DE LEUR RESISTANCE AU
DEVELOPPEMENT**

**D'IMPERFECTIONS PAR
INCORPORATION DE PIGMENTS
TRAITES AU SILANE**

[72] MUSIANO, JOSEPH ANTHONY, US

[72] HOLTZEN, DWIGHT ALAN, US

[72] TOOLEY, PATRICIA ANN, US

[71] E.I. DU PONT DE NEMOURS AND
COMPANY, US

[22] 1995-02-28

[43] 1995-08-31

[62] 2,181,432

[30] US (08/203,108) 1994-02-28

[21] **2,349,119**
[13] A1

[51] Int.Cl. 7C07D 239/10 7C07C 259/06
7C07C 235/34 7C07C 255/37 7C07C 69/
734

[25] EN

[54] **PROCESSES AND
INTERMEDIATES IN THE SYNTHESIS
OF 5-(3-EXO-BICYCLO-2.2.1 HEPT-2-
YLOXY -4-METHOXYPHENYL)-3,4,5,6-
TETRAHYDROPYRIMIDIN-2(1H)-ONE**
[54] **PROCEDES ET INTERMEDIAIRES
PERMETTANT LA SYNTHESE DE 5-(3-
-EXO-BICYCLO-2.2.1...HEPT-2-
YLOXY...4-METHOXYPHENYL)-
3,4,5,6-TETRAHYDROPYRIMIDIN-
2(1H)-ON**

[72] LACOUR, THOMAS G., US

[72] MURTIASHAW, CHARLES W., US

[71] PFIZER INC., US

[22] 1995-05-04

[43] 1996-02-15

[62] 2,196,309

[30] US (08/286,579) 1994-08-05

[21] **2,349,420**
[13] A1

[51] Int.Cl. 7G06F 17/30 7H04L 29/02

[25] EN

[54] **METHOD FOR
CHARACTERIZING AND
VISUALIZING PATTERNS OF USAGE
OF A WEB SITE BY NETWORK USERS**
[54] **METHODE POUR
CARACTERISER ET VISIONNER LES
TENDANCES D'UTILISATION D'UN
SITE WEB PAR LES UTILISATEURS DE
RESEAU**

[72] SWELDENS, WIM, US

[72] HANSEN, MARK HENRY, US

[71] LUCENT TECHNOLOGIES INC., US

[22] 1999-03-29

[43] 1999-11-21

[62] 2,267,451

[30] US (09/082,792) 1998-05-21

[21] **2,349,466**
[13] A1

[51] Int.Cl. 7G06F 11/34 7H04L 12/26
7G06F 17/30

[25] EN

[54] **METHOD FOR
CHARACTERIZING AND
VISUALIZING PATTERNS OF USAGE
OF A WEB SITE BY NETWORK USERS**
[54] **METHODE POUR
CARACTERISER ET VISIONNER LES
TENDANCES D'UTILISATION D'UN
SITE WEB PAR LES UTILISATEURS DE
RESEAU**

[72] HANSEN, MARK HENRY, US

[72] SWELDENS, WIM, US

[71] LUCENT TECHNOLOGIES INC., US

[22] 1999-03-29

[43] 1999-11-21

[62] 2,267,451

[30] US (09/082,792) 1998-05-21

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,349,471**

[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 29/02**
[25] EN
[54] **METHOD FOR
CHARACTERIZING AND
VISUALIZING PATTERNS OF USAGE
OF A WEB SITE BY NETWORK USERS**
[54] **METHODE POUR
CARACTERISER ET VISIONNER LES
TENDANCES D'UTILISATION D'UN
SITE WEB PAR LES UTILISATEURS DE
RESEAU**

[72] SWELDENS, WIM, US

[72] HANSEN, MARK HENRY, US

[71] LUCENT TECHNOLOGIES INC., US

[22] 1999-03-29

[43] 1999-11-21

[62] 2,267,451

[30] US (09/082,792) 1998-05-21

[21] **2,349,514**

[13] A1

[51] **Int.Cl. 7C01B 13/11**
[25] EN
[54] **OZONE PRODUCING APPARATUS**
[54] **APPAREIL PRODUISANT DE
L'OZONE**

[72] NAKAYAMA, SHIGEKI, JP

[72] HIROTSUJI, JUNJI, JP

[72] TANIMURA, YASUHIRO, JP

[72] OZAWA, TATEKI, JP

[72] AMITANI, HISAO, JP

[72] YUGE, HIROSHI, JP

[71] MITSUBISHI DENKI KABUSHIKI
KAISHA, JP

[22] 1998-07-13

[43] 1999-01-24

[62] 2,243,008

[30] JP (198437/1997) 1997-07-24

[21] **2,349,690**

[13] A1

[51] **Int.Cl. 7B23K 1/08 7B23K 3/06
7H05K 3/34**
[25] EN
[54] **PROCESS AND APPARATUS FOR
THE WAVE SOLDERING OF CIRCUIT
BOARDS**

[54] **PROCEDE ET DISPOSITIF DE
BRASAGE A LA VAGUE DE
PLAQUETTES DE CIRCUITS
IMPRIMES**

[72] CONNORS, ROBERT W., US

[72] GIACOBBE, FREDERICK W., US

[72] ROTMAN, FREDERIC, US

[72] MCKEAN, KEVIN P., US

[72] JURCIK, BENJAMIN J., US

[71] L' AIR LIQUIDE, SOCIETE

ANONYME POUR L'ETUDE ET

L'EXPLOITATION DES PROCED, FR

[71] AIR LIQUIDE AMERICA

CORPORATION, US

[22] 1995-02-20

[43] 1995-08-31

[62] 2,161,770

[30] US (08/202,489) 1994-02-28

[30] US (08/253,248) 1994-06-02

[21] **2,349,779**

[13] A1

[51] **Int.Cl. 7H05K 9/00 7H05K 5/00**

[25] EN

[54] **GROUNDING AND RFI
ISOLATION FOR CONTROL
STATIONS**

[54] **MISE A LA MASSE ET
PROTECTION CONTRE LES
PARASITES HAUTES FREQUENCES
DES POSTES DE CONTROLE**

[72] TIMIESKI, MARK E., US

[71] ELSAG INTERNATIONAL N.V., NL

[22] 1997-09-22

[43] 1998-03-30

[62] 2,215,979

[30] US (60/027,116) 1996-09-30

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		CAZIN, BENEDICTE	2,332,469	DURSTON, IAN M.	2,296,217
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LTD.	2,296,625	HILTI		KEMP, VINCE M.	2,331,425
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FERAG AG	2,331,246	HIND, HUGH R.	2,296,631	KIHS, JOSEF K.	2,329,850
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LEIRER, THOMAS C.	2,348,546	MARCONCINI, STEFANO	2,348,262	BESCHRANKTER	
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D.D.	2,348,988	MARQUIS, ROGER	2,348,715	MESTER, DAVID JOHN	2,348,582
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