

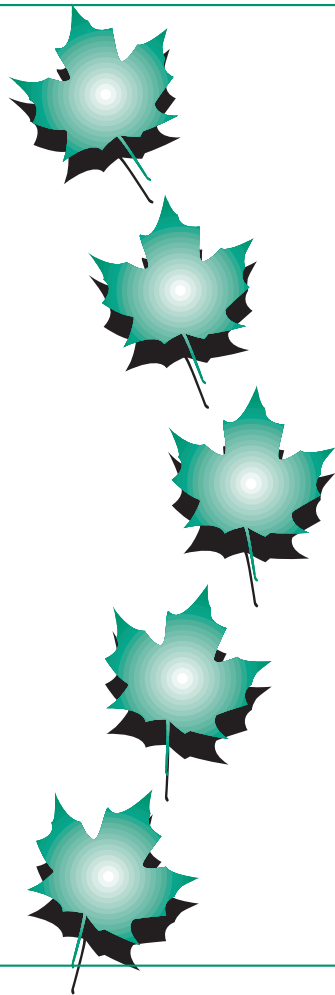


**Canadian
Intellectual Property
Office**

An Agency of
Industry Canada

**Office de la propriété
intellectuelle
du Canada**

Un organisme
d'Industrie Canada



**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

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

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

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

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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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

- [41] - Open to Public Inspection 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
- [41] - Date de mise à la disposition publique
- [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

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2. Country Code

The Country Codes appearing in this publication conform to those contained in Annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site at: www.wipo.int/scit/en/standards/standards.htm.

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

Paper copies of all other Canadian Patents and Canadian Laid-Open Applications may be purchased at the cost of \$1 per page by visiting www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting a copy in electronic form of a document,	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. 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 \$1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'Annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir du hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI à : www.wipo.int/scit/fr/standards/standards.htm.

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

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 1 \$ par page en visitant notre site web au www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

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5. 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-Gatineau, 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.

6. 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-Gatineau, 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.

7. 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.

8. List of Patents Available for Licence or Sale

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

2,237,736
2,293,059
2,317,080
2,389,614

5. 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-Gatineau, 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.

6. 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-Gatineau, 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.

7. 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.

8. 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.

2,237,736
2,293,059
2,317,080
2,389,614

9. 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.

10. 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).

9. 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.

10. 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

11. PATENT COOPERATION TREATY (PCT)

SCHEDULE OF FEES APPLICABLE FROM MAY 1, 2004

1. Transmittal Fee (Rule 14)	\$300.00
2. *International Filing Fee	\$1489.00
Amount for each additional sheet over 30	\$16.00
3. International Search Fee	\$2520.00

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 Office). These fees are to be paid in Canadian dollars and made payable to the Receiver General for 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: International Filing Fee Preliminary Examination
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6. Handling Fee (Rule 57.2(a))	129 Euro
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7. Preliminary Examination Fee (Rule 58)	1530 Euro
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The Preliminary Examination Fees are payable in Euros and should be paid directly to the European Patent Office in Munich. Please note that the European Patent Office will **NOT** consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

* International fees will be reduced by **\$106** for all applications filed using PCT-SAFE**
** PCT-SAFE is replacing PCT-EASY.

11. TRAITÉ DE COOPÉRATION EN MATIÈRE DE BREVETS (PCT)

BARÈME DE TAXES À PARTIR DU 1 MAI 2004

1. Taxe de transmission (Règle 14)	300,00 \$
2. *Taxe de dépôt internationale (Règle 15.2(a))	1489,00 \$
Montant pour chaque feuille au delà de 30	16,00 \$
3. Taxe de recherche internationale	2520.00 \$

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). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général 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
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6. Taxe de traitement	129 Euro
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7. Taxe d'examen préliminaire ¹ (Règle 58)	1530 Euro
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Les taxes d'examen préliminaire sont payables en Euros et doivent être payées à l'Office européen des brevets à Munich. Veuillez noter que l'Office européen des brevets **ne** considérera **pas** les honoraires comme étant reçus jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par télécopieur de la traite bancaire au 011-4989-2399-4465.

* Les frais seront réduits de **106\$** pour toutes les demandes déposées en utilisant PCT-SAFE**
** PCT-SAFE remplacera PCT-EASY.

12. 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>.

13. PRACTICE NOTICE

STATUTORY HOLIDAYS (*DIES NON*)

Note: This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Hull, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on

12. Avis PCT

Exigences des signatures du PCT

Veuillez 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>.

13. ÉNONCÉ DE PRATIQUE

JOURS FÉRIÉS (*DIES NON*)

Nota : Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Hull, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non

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the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Hull, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the Industrial Design, Copyright or Integrated Circuit Topography Acts.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to

du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Hull, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit:

«Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant auquel aucune de ces deux circonstances n'existe plus.»

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur

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whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia:** 1st Monday in August (British Columbia Day)
- 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
- 5) **Ontario:** 1st Monday in August (Civic Holiday)
- 6) **Quebec:** June 24 (St. John the Baptist Day)
- 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
- 8) **Yukon:** 3rd Monday in August (Discovery Day)

When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

- 1) All Saturdays and Sundays
- 2) *New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) *St. John the Baptist Day (June 24)
- 7) *Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) *Remembrance Day (November 11)
- 11) *Christmas Day (December 25)
- 12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, qui sont des jours fériés dans au moins une province ou territoire:

- 1) **Alberta:** 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique:** 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick:** 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse:** 1er lundi d'août (congé statutaire)
- 5) **Ontario:** 1er lundi d'août (congé statutaire)
- 6) **Québec:** 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan:** 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon:** 3e lundi d'août (Jour de la Découverte)

Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants:

- 1) Tous les samedi et dimanche
- 2) *Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédant immédiatement le 25 mai
- 6) *Saint-Jean-Baptiste (le 24 juin)
- 7) *Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) *Jour du souvenir (11 novembre)
- 11) *Jour de Noël (25 décembre)
- 12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

Notices

*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Canadian Laid-Open Applications

The *Canadian Patent Office Record* of June 8, 2004 contains laid-open applications from May 16, 2004 - May 22, 2004

14. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 16 mai 2004 - 22 mai 2004

Avis

Canadian Patents Issued

June 8, 2004

Brevets canadiens délivrés

8 juin 2004

[11] **2,023,888**
[13] C

[51] **Int.Cl. 5C07H 21/00 5C12Q 1/68**
[25] EN
[54] **INTRON SEQUENCE ANALYSIS METHOD FOR DETECTION OF ADJACENT AND REMOTE LOCUS ALLELES AS HAPLOTYPES**
[54] **METHODE D'ANALYSE DE LA SEQUENCE INTROL POUR LA DETECTION D'ALLELES SUR DES LOCI ADJACENTS OU ELOIGNES COMME HAPLOTYPES**
[72] SIMONS, MALCOLM J., AU
[73] GENETIC TECHNOLOGIES LIMITED, AU
[22] 1990-08-23
[30] US (07/398,217) 1989-08-25
[30] US (07/405,499) 1989-09-11
[30] US (07/465,863) 1990-01-16
[30] US (07/551,239) 1990-07-11

[11] **2,027,565**
[13] C

[51] **Int.Cl. 5B01D 33/21**
[25] EN
[54] **FILTER FOR CONTINUOUS FILTRATION**
[54] **FILTRE POUR FILTRATION CONTINUE**
[72] STRID, KENT, SE
[73] CAUSTEC AKTIEBOLAG, SE
[85] 1990-10-17
[86] 1990-03-12 (PCT/SE1990/000159)
[87] (WO1990/010490)
[30] SE (8900881-7) 1989-03-13

[11] **2,054,231**
[13] C

[51] **Int.Cl. 5G01M 3/38**
[25] EN
[54] **PIPELINE MONITORING AND LEAK CONTAINMENT SYSTEM**
[54] **SYSTEME DE CONTROLE DE PIPELINE ET D'ENRAYEMENT DES FUITES**
[72] ROACH, MAX JERRY, US
[72] WHITEHEAD, JOHN A., US
[73] ROACH, MAX JERRY, US
[73] WHITEHEAD, JOHN A., US
[22] 1991-10-25

[11] **2,058,467**
[13] C

[51] **Int.Cl. 5B65D 1/40 5C08L 53/00 5C08L 23/06**
[25] EN
[54] **FROSTED CONTAINER**
[54] **CONTENANT GIVRE**
[72] SAKANO, KOZABURO, JP
[72] YAMAGUCHI, YUJI, JP
[72] IWAMOTO, TOSHIYUKI, JP
[73] TOYO SEIKAN KAISHA, LTD., JP
[22] 1991-12-27

[11] **2,064,814**
[13] C

[51] **Int.Cl. 5C12N 15/27 6A61K 38/19 6C07K 16/28 5A61K 39/395 6C07K 14/715**
[25] EN
[54] **GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR RECEPTOR AND DERIVATIVES THEREOF**
[54] **RECEPTEUR DE FACTEUR DE STIMULATION DE COLONIES DE MACROPHAGES-GRANULOCYTES**
[72] NICOLA, NICOS A., AU
[72] GOUGH, NICHOLAS M., AU
[72] GEARING, DAVID P., US
[72] METCALF, DONALD, AU
[72] KING, JULIE A., US
[73] AMRAD CORPORATION LIMITED, AU
[85] 1992-02-11
[86] 1990-08-10 (PCT/AU1990/000342)
[87] (WO1991/002063)
[30] AU (PJ 5743) 1989-08-11
[30] AU (PK 0014) 1990-05-08

[11] **2,072,694**
[13] C

[51] **Int.Cl. 5B01D 29/60 5B01D 29/09 5B01D 29/64 5B01D 29/68**
[25] EN
[54] **FILTER BELT ARRANGEMENT FOR PRESSURIZED CHAMBER FILTER**
[54] **DISPOSITIF A BANDE FILTRANTE POUR FILTRE A CHAMBRE PRESSURISEE**
[72] BRATTEN, JACK R., US
[73] BRATTEN, JACK R., US
[22] 1992-06-29
[30] US (766,182) 1991-09-27

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[13] C
[51] Int.Cl. 5B65D 85/62 5B65D 25/10
5B65D 85/76
[25] EN
[54] RECLOSABLE CONTAINER FOR
SLICED FOOD PRODUCTS
[54] CONTENANT REUTILISABLE
POUR PRODUITS ALIMENTAIRES EN
TRANCHES
[72] MCDEVITT, JOHN F., US
[72] JOHNSON, DAVID J., US
[72] NELSON, DENIS H., US
[73] KRAFT FOODS, INC., US
[22] 1992-07-10
[30] US (728,708) 1991-07-11

[11] 2,074,278
[13] C
[51] Int.Cl. 5G01N 33/558
[25] EN
[54] PROCESS AND MAGNETIC
DEVICE FOR IMMUNOLOGICAL
ANALYSIS OF A SOLID PHASE
[54] PROCEDE ET DISPOSITIF
MAGNETIQUE POUR L'ANALYSE
IMMUNOLOGIQUE EN PHASE SOLIDE
[72] MATTE, CLAUDE, FR
[72] MULLER, ANNE, FR
[73] PASTEUR SANOFI DIAGNOSTICS,
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[22] 1992-07-21
[30] FR (91 09 242) 1991-07-22

[11] 2,076,427
[13] C
[51] Int.Cl. 5C08L 27/08 5C08L 33/06
5B32B 27/08
[25] EN
[54] VINYLIDENE CHLORIDE
COMPOSITION AND FILM MADE
THEREFROM
[54] COMPOSITION DE CHLORURE
DE VINYLIDENE ET PELLICULE A
BASE DE CETTE MATIERE
[72] BEKELE, SOLOMON, US
[73] CRYOVAC, INC., US
[22] 1992-08-19
[30] US (749,057) 1991-08-23
[30] US (922,672) 1992-08-06

[11] 2,079,692
[13] C
[51] Int.Cl. 5C07C 237/26 5C07D 205/04
5C07D 295/15 5C07D 333/38 5C07D 277/
54 5A61K 31/65 5C07D 307/68
[25] EN
[54] NOVEL 7-SUBSTITUTED-9-
SUBSTITUTED AMINO-6-DEMETHYL-
6-DEOXYTETRACYCLINES
[54] AMINO-6-DEMETHYL-6-
DESOXYTETRACYCLINES
SUBSTITUEES EN 7 ET EN 9
[72] HLAVKA, JOSEPH J., US
[72] SUM, PHAIK-ENG, US
[72] GLUZMAN, YAKOV, US
[72] LEE, VING J., US
[72] ROSS. ADMA A., US
[73] WYETH HOLDINGS
CORPORATION, US
[22] 1992-10-02
[30] US (07/771,576) 1991-10-04

[11] 2,080,304
[13] C
[51] Int.Cl. 5C05G 3/02 5C05G 3/00
5C05G 5/00
[25] EN
[54] FERTILIZER/PESTICIDE
COMPOSITION AND METHOD OF
TREATING PLANTS
[54] COMPOSITION D'ENGRAIS/
PESTICIDE ET METHODE POUR
TRAITER LES PLANTES
[72] REHBERG, BOBBY E., US
[72] HALL, WILLIAM L., US
[73] VIGORO ACQUISITION CORP., US
[22] 1992-10-09

[11] 2,081,384
[13] C
[51] Int.Cl. 5B65G 65/46 5B65D 88/64
[25] EN
[54] APPARATUS FOR EXTRACTING A
SUBSTANCE IN THE DIVIDED STATE
AND FOR METERING IT OUT BY
VOLUME
[54] APPAREIL SERVANT A
EXTRAIRE UNE SUBSTANCE DEJA
SEPEREE ET A LA MESURER EN
VOLUME
[72] PAJOT, ALAIN D., FR
[73] SYMAC, FR
[22] 1992-10-28
[30] FR (91 13277) 1991-10-28

[11] 2,086,201
[13] C
[51] Int.Cl. 5C10G 73/00 5B01D 37/04
[25] EN
[54] AUTOMATIC DEWAXING FILTER
WASHING SYSTEM AND METHOD
[54] SYSTEME ET PROCEDE DE
DEPARAFFINAGE AUTOMATIQUE DE
FILTRES
[72] PATRONE, ANTHONY J., US
[72] MARTIN, JOHN D., US
[72] LYON, KEVIN, US
[72] HARRISON, CHARLES W., US
[73] STAR ENTERPRISE, US
[73] BECHTEL CORPORATION, US
[22] 1992-12-23
[30] US (07/811,632) 1991-12-23

[11] 2,086,297
[13] C
[51] Int.Cl. 5F17D 3/03 5B01D 19/00
5E21B 43/34
[25] FR
[54] PROCEDE D'OPTIMISATION
D'UN DISPOSITIF DE REGULATION
ET D'AMORTISSEMENT D'UN
ECOULEMENT POLYPHASIQUE ET
DISPOSITIF OBTENU PAR LE
PROCEDE
[54] PROCESS FOR OPTIMIZING THE
CONTROL AND THE MODULATION
OF A MULTIPHASE FLOW AND
DEVICE THUS OBTAINED
[72] LEVALLOIS, EMILE, FR
[73] INSTITUT FRANCAIS DU PETROLE,
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[22] 1992-12-24
[30] FR (91/16.231) 1991-12-27
[30] FR (92/09.642) 1992-08-11

[11] 2,086,298
[13] C
[51] Int.Cl. 5F17D 3/03 5B01D 19/00
5F04D 31/00 5E21B 43/34
[25] FR
[54] PROCEDE ET DISPOSITIF
PERMETTANT D'OPTIMISER LE
TRANSFERT PAR POMPAGE
D'EFFLUENTS POLYPHASIQUES
[54] PROCESS AND DEVICE FOR
OPTIMIZING THE TRANSFERT
THROUGH PUMPING OF
MULTIPHASE EFFLUENTS
[72] LEVALLOIS, EMILE, FR
[73] INSTITUT FRANCAIS DU PETROLE,
FR
[22] 1992-12-24
[30] FR (91/16.230) 1991-12-27
[30] FR (92/05.617) 1992-05-05

**Brevets canadiens délivrés
8 juin 2004**

[11] **2,087,057**
[13] C

[51] **Int.Cl. 5A47G 23/00**
[25] EN
[54] **NESTABLE MIXING BOWL WITH INTEGRAL HANDLE**
[54] **BOLS DE MALAXAGE EMBOITABLES AVEC POIGNEE INTEGREE**
[72] BRAZIS, WILLIAM E., US
[72] FEER, DAVID L., US
[73] RUBBERMAID INCORPORATED, US
[22] 1993-01-11
[30] US (07/819,055) 1992-01-10

[11] **2,087,178**
[13] C

[51] **Int.Cl. 5B01F 5/24**
[25] EN
[54] **BLENDER WITH VIRTUAL BAFFLE OF PARTICULATE MATERIAL**
[54] **MELANGER AVEC CHICANE VIRTUELLE POUR SUBSTANCES PARTICULAIRES**
[72] AVERY, HUGH E., JR., US
[73] JANSSENS & DIEPERINK, B.V., NL
[85] 1993-01-12
[86] 1992-04-09 (PCT/US1992/002890)
[87] (WO1992/018229)
[30] US (683,320) 1991-04-10
[30] US (822,082) 1992-01-17
[30] US (858,704) 1992-03-27

[11] **2,089,774**
[13] C

[51] **Int.Cl. 5G06F 15/44**
[25] EN
[54] **COMPUTER GAME DEVICE**
[54] **DISPOSITIF DE JEU ELECTRONIQUE**
[72] TSUMURA, MIHOJI, JP
[73] RICOS CO., LTD., JP
[22] 1993-02-18
[30] JP (H4-69560) 1992-02-18
[30] JP (H4-79182) 1992-02-28
[30] JP (H4-156008) 1992-05-21
[30] JP (H4-217130) 1992-07-22
[30] JP (H4-217131) 1992-07-22
[30] JP (H4-217132) 1992-07-22

[11] **2,089,898**
[13] C

[51] **Int.Cl. 5B65H 29/04 5B65H 29/24**
[25] EN
[54] **DEVICE FOR CONVEYING PRINTED SHEETS IN AN INSTALLATION FOR CHECKING THE QUALITY OF PAPER MONEY**
[54] **DISPOSITIF SERVANT A TRANSPORTER DES FEUILLES IMPRIMEES DANS UNE INSTALLATION UTILISEE POUR VERIFIER LA QUALITE DU PAPIER-MONNAIE**
[72] ORLANDINI, DANTE, IT
[73] DE LA RUE GIORI S.A., CH
[22] 1993-02-19
[30] CH (662/92-1) 1992-03-03

[11] **2,089,899**
[13] C

[51] **Int.Cl. 5B65H 29/06**
[25] EN
[54] **DEVICE FOR CONVEYING PRINTED SHEETS IN AN INSTALLATION FOR CHECKING THE QUALITY OF PAPER MONEY**
[54] **DISPOSITIF SERVANT A TRANSPORTER DES FEUILLES IMPRIMEES DANS UNE INSTALLATION UTILISEE POUR VERIFIER LA QUALITE DU PAPIER-MONNAIE**
[72] ORLANDINI, DANTE, IT
[73] DE LA RUE GIORI S.A., CH
[22] 1993-02-19
[30] CH (661/92-0) 1992-03-03

[11] **2,091,002**
[13] C

[51] **Int.Cl. 5C07C 69/618 5A61K 31/215 5C07C 271/22 5A61K 31/27 5C07C 233/87**
[25] EN
[54] **TAXANE DERIVATIVES, THEIR PREPARATION AND USE IN ONCOLOGY**
[54] **DERIVES DE TAXANE, PREPARATION ET UTILISATION EN ONCOLOGIE**
[72] BOMBARDELLI, EZIO, IT
[72] GABETTA, BRUNO, IT
[73] INDENA S.P.A., IT
[22] 1993-03-04
[30] IT (MI92 A 000526) 1992-03-06

[11] **2,093,317**
[13] C

[51] **Int.Cl. 5A41D 13/00**
[25] EN
[54] **BODY PROTECTIVE DEVICE**
[54] **PROTEGE-CORPS**
[72] KRENT, EDWARD D., US
[72] PAFFETT, NICHOLAS B., US
[73] KRENT, EDWARD D., US
[73] PAFFETT, NICHOLAS B., US
[85] 1993-04-02
[86] 1991-10-02 (PCT/US1991/007374)
[87] (WO1992/005717)
[30] US (592,188) 1990-10-03

[11] **2,098,900**
[13] C

[51] **Int.Cl. 5C08F 38/00**
[25] EN
[54] **POLYMERIZATION OF ACETYLENES**
[54] **POLYMERISATION DE COMPOSES ACETYLENIQUES**
[72] DRENT, EIT, NL
[72] PELLO, DENNIS H. L., NL
[73] SHELL CANADA LIMITED, CA
[22] 1993-06-21
[30] EP (92201847.8) 1992-06-23

[11] **2,099,301**
[13] C

[51] **Int.Cl. 5A61B 17/12 5A61B 17/064**
[25] EN
[54] **TWO-PART SURGICAL LIGATION CLIP**
[54] **CLIP CHIRURGICAL CONSTITUE DE DEUX ELEMENTS**
[72] CONNERS, JOHN A., US
[72] ALLEN, WILLIAM J., US
[72] JESSUP, GEORGE, AU
[72] AHARI, FREDERICK F., US
[72] CRAINICH, LAWRENCE, US
[73] SHERWOOD SERVICES AG, CH
[22] 1993-06-28
[30] US (07/906,938) 1992-06-30
[30] US (07/960,080) 1992-10-13

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[11] **2,099,783**
[13] C

[51] Int.Cl. 5C07C 229/34 5C07D 305/14
[25] FR
[54] **.BETA.-PHENYLISOSERINE-(2R,3S), SES SELS, SA PREPARATION ET SON EMPLOI**
[54] **(2R, 3S)-.BETA.-PHENYLISOSERINE AND ITS SALTS, PREPARATION AND USE**
[72] DUCHESNE, JEAN-PIERRE, FR
[72] FERRARO, MAX, FR
[73] AVENTIS PHARMA S.A., FR
[85] 1993-06-29
[86] 1992-01-16 (PCT/FR1992/000032)
[87] (WO1992/012958)
[30] FR (91 00491) 1991-01-17

[11] **2,100,256**
[13] C

[51] Int.Cl. 5A61K 49/02 5A61M 1/38 5A61K 47/48
[25] EN
[54] **A METHOD AND A SYSTEM FOR ENHANCED IN VIVO CLEARANCE OF DIAGNOSTIC AND/OR THERAPEUTIC AGENTS BY EXTRACORPOREAL DEPLETION, AND THE USE OF SAID AGENTS FOR SAID PURPOSE**
[54] **METHODE ET SYSTEME D'AUGMENTATION DE LA CLAIRANCE IN VIVO DE PRODUITS DIAGNOSTIQUES ET/OU THERAPEUTIQUES PAR DEPLETION EXTRACORPORELLE ET UTILISATION DE CE SYSTEME A CETTE FIN**
[72] NILSSON, RUNE, SE
[72] LINDGREN, LARS, SE
[72] NORRGREN, KRISTINA, SE
[72] SANDBERG, BENGT, SE
[72] SJOGREN, HANS O., SE
[72] STRAND, SVEN-ERIK, SE
[73] NILSSON, RUNE, SE
[73] LINDGREN, LARS, SE
[73] NORRGREN, KRISTINA, SE
[73] SANDBERG, BENGT, SE
[73] SJOGREN, HANS O., SE
[73] STRAND, SVEN-ERIK, SE
[85] 1993-07-09
[86] 1992-01-15 (PCT/SE1992/000020)
[87] (WO1992/012730)
[30] SE (9100142-0) 1991-01-17

[11] **2,102,024**
[13] C

[51] Int.Cl. 5F16L 21/08
[25] EN
[54] **RESTRAINING ELEMENT FOR PRESSURE PIPE JOINTS**
[54] **ELEMENT DE RETENUE POUR JOINTS DE TUYAUTERIE SOUS PRESSION**
[72] WEBER, JOE, US
[72] JONES, LAWRENCE S., US
[73] UNITED STATES PIPE AND FOUNDRY COMPANY, INC., US
[22] 1993-10-29
[30] US (07/971,110) 1992-11-04
[30] US (08/121,631) 1993-09-16

[11] **2,102,490**
[13] C

[51] Int.Cl. 5C07C 217/14 5C07F 9/12 5A61K 31/135 5C07D 261/18 5A61K 31/21 5C07C 219/26 5C07D 207/34 5A61K 31/395 5C07C 271/44 5C07D 215/48 5A61K 31/675 5C07D 213/79
[25] EN
[54] **2-AMINO-1,2,3,4-TETRAHYDRONAPHTHALENE DERIVATIVES ACTIVE ON THE CARDIOVASCULAR SYSTEM, PROCESSES FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **DERIVES DE 2-AMINO-1,2,3,4-TETRAHYDRONAPHTHALENE AGISSANT SUR L'APPAREIL CARDIOVASCULAIRE, METHODES POUR LES PREPARER ET COMPOSITIONS PHARMACEUTIQUES LES RENFERMANT**
[72] SANTANGELO, FRANCESCO, IT
[72] BERTOLINI, GIORGIO, IT
[72] CASAGRANDE, CESARE, IT
[72] MARCHINI, FRANCESCO, IT
[72] MONTANARI, STEFANIA, IT
[72] SEMERARO, CLAUDIO, IT
[73] ZAMBON GROUP S.P.A., IT
[85] 1993-11-04
[86] 1993-03-13 (PCT/EP1993/000577)
[87] (WO1993/019036)
[30] IT (MI92A000608) 1992-03-17

[11] **2,106,130**
[13] C

[51] Int.Cl. 5C03C 4/00 5C03C 3/06 5H01K 1/28 5H01J 61/30
[25] EN
[54] **QUARTZ GLASS WITH REDUCED ULTRAVIOLET RADIATION TRANSMISSIVITY, METHOD OF ITS MANUFACTURE, AND ELECTRICAL DISCHARGE LAMP USING SUCH GLASS**
[54] **VERRE DE QUARTZ A TRANSMISSIVITE A L'ULTRAVIOLET REDUITE, SA METHODE DE FABRICATAION ET LAMPE A DECHARGE L'UTILISANT**
[72] LANGER, ALFRED, DE
[72] GENZ, ANDREAS, DE
[72] DEISENHOFER, MANFRED, DE
[72] KIELE, WALTER, DE
[72] LEWANDOWSKI, BERND, DE
[72] REICHARDT, JUERGEN, DE
[73] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 1993-09-14
[30] DE (P 42 30 817.8) 1992-09-15
[30] DE (P 42 40 006.6) 1992-11-27

[11] **2,106,160**
[13] C

[51] Int.Cl. 5C08J 9/32 5B32B 5/18 5C08K 7/22
[25] EN
[54] **LOW MOISTURE ABSORPTION SYNTACTIC FOAM**
[54] **MOUSSE SYNTACTIQUE A FAIBLE ABSORPTION D'HUMIDITE**
[72] WONG, RAYMOND S., US
[72] MAHONEY, CLARENCE L., US
[73] DEXTER CORPORATION (THE), US
[22] 1993-09-14
[30] US (945,176) 1992-09-15

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[11] **2,111,528**
[13] C

[51] **Int.Cl. 5B01J 23/54 5C07C 11/00 5G01N 25/22 5C07C 5/333 5B01J 23/89**
[25] EN
[54] **PALLADIUM INCORPORATED METAL OXIDE CATALYST**
[54] **CATALYSEUR A BASE D'OXYDE METALLIQUE**
[72] GOLUNSKI, STANISLAW EDMUND, GB
[72] GASCOYNE, JOHN MALCOLM, GB
[72] FULFORD, ANTHONY, GB
[72] JENKINS, JOHN WARD, GB
[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[22] 1993-12-15
[30] GB (92/26453.0) 1992-12-18

[11] **2,112,659**
[13] C

[51] **Int.Cl. 5H01R 13/58**
[25] EN
[54] **CLAMPING ASSEMBLY FOR ELECTRICAL CABLES**
[54] **ENSEMBLE DE SERRAGE POUR CABLES ELECTRIQUES**
[72] BOTELER, WILLIAM C., US
[73] HUBBELL INCORPORATED, US
[22] 1993-12-30
[30] US (08/011,802) 1993-02-01

[11] **2,112,702**
[13] C

[51] **Int.Cl. 5G01N 33/573 5C12Q 1/37 5C12Q 1/56 5G01N 33/577**
[25] EN
[54] **ASSAY METHODS AND COMPOSITIONS FOR DETECTING SERUM PROTEASES, PARTICULARLY ACTIVATED PROTEIN C**
[54] **METHODES ET COMPOSITIONS POUR LA DETECTION DE PROTEASES SERIQUES, EN PARTICULIER LA PROTEINE C ACTIVEE**
[72] GRIFFIN, JOHN H., US
[72] GRUBER, ANDRAS, US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 1993-12-31
[86] 1992-07-02 (PCT/US1992/005590)
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[11] **2,112,945**
[13] C

[51] **Int.Cl. 5B65D 1/02 5B65D 23/08**
[25] EN
[54] **HOT-FILLABLE BLOW-MOLDED PLASTIC CONTAINER**
[54] **CONTENANT DE PLASTIQUE MOULE PAR SOUFFLAGE, REMPLISSAGE A CHAUD**
[72] PREVOT, ROGER M., US
[72] SEMERSKY, FRANK E., US
[73] GRAHAM PACKAGING COMPANY, L.P., US
[22] 1994-01-06
[30] US (115,652) 1993-09-03

[11] **2,118,029**
[13] C

[51] **Int.Cl. 5C04B 7/02**
[25] EN
[54] **CEMENT COMPOSITION**
[54] **COMPOSITION DE CIMENT**
[72] BORGHOLM, HANS E., DK
[72] DAMTOFT, JESPER S., DK
[73] BLUE CIRCLE INDUSTRIES PLC, GB
[85] 1994-10-12
[86] 1993-04-13 (PCT/DK1993/000132)
[87] (WO1993/021122)
[30] DK (0495/92) 1992-04-13

[11] **2,118,952**
[13] C

[51] **Int.Cl. 5B60N 2/48 5B60R 22/26**
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[54] **ADJUSTABLE BELT GUIDE AND HEADREST**
[54] **GUIDE CEINTURE ET APPUI-TETE REGLABLES**
[72] JOHNSON, RICHARD F., US
[72] MICHAEL, BLAINE J., US
[73] DOUGLAS & LOMASON COMPANY, US
[22] 1994-03-14
[30] US (048,483) 1993-04-16

[11] **2,118,977**
[13] C

[51] **Int.Cl. 5F16H 1/38**
[25] EN
[54] **DEVICE FOR TRANSMITTING TORQUE BETWEEN TWO ROTATABLE SHAFTS**
[54] **DISPOSITIF DE TRANSMISSION DE COUPLE ENTRE DEUX ARBRES ROTATIFS**
[72] LUNDSTROM, BO, SE
[72] SEVERINSSON, LARS, SE
[73] IPUMATIC AB, SE
[22] 1994-03-14
[30] SE (9300838-1) 1993-03-15

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[13] C

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[54] **EYELASH MASCARA CASE AND APPLICATOR**
[54] **TUBE ET APPLICATEUR DE MASCARA**
[72] TOLL, CHARLOTTE, US
[73] TOLL, CHARLOTTE, US
[85] 1994-06-07
[86] 1992-12-16 (PCT/US1992/010753)
[87] (WO1993/011683)
[30] US (808,238) 1991-12-16

[11] **2,125,508**
[13] C

[51] **Int.Cl. 5C03B 37/018**
[25] EN
[54] **PROCESS FOR PRODUCING GLASS PREFORM FOR OPTICAL FIBER**
[54] **PROCEDE DE PRODUCTION DE PREFORMES EN VERRE POUR FIBRES OPTIQUES**
[72] ISHIKAWA, SHINJI, JP
[72] CHIGUSA, YOSHIKI, JP
[72] NAKAMURA, MOTONORI, JP
[72] MAKIO, YOSHINORI, JP
[72] WATANABE, MORIO, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1994-06-09
[30] JP (144746/1993) 1993-06-16

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[13] C

[51] Int.Cl. 5C02F 1/66
[25] EN
[54] **BUFFER AND METHOD FOR BUFFERING HOT TUBS AND SPAS**
[54] **TAMPON ET METHODE DE TAMPONNAGE POUR SPAS ET BAIGNOIRES DE BALNEOTHERAPIE**
[72] KIERZKOWSKI, DAVID J., US
[73] GREAT LAKES BIOCHEMICAL COMPANY, INC., US
[22] 1994-06-13
[30] US (08/078,603) 1993-06-17

[11] 2,126,079
[13] C

[51] Int.Cl. 7B09C 1/02 7B09B 3/00 7A62D 3/00 7H01M 6/52
[25] EN
[54] **EXTRACTION OF MERCURY AND MERCURY COMPOUNDS FROM CONTAMINATED MATERIAL AND SOLUTIONS**
[54] **EXTRACTION DU MERCURE ET DE COMPOSES MERCURIELS CONTENUS DANS DES MATERIAUX ET DES SOLUTIONS CONTAMINEES**
[72] FOUST, DONALD FRANKLIN, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 1994-06-16
[86] 1993-10-12 (PCT/US1993/009596)
[87] (WO1994/009167)
[30] US (07/963,225) 1992-10-19

[11] 2,128,239
[13] C

[51] Int.Cl. 5B05D 1/02 5B05D 1/34
[25] EN
[54] **A MULTICOMPONENT SYSTEM FOR REFINISH COATING COMPOSITION AND A METHOD FOR APPLYING THE SAME**
[54] **SYSTEME COMPLEXE SERVANT A LA PREPARATION ET A L'APPLICATION D'ENDUITS DE FINITION, ET METHODE CONNEXE**
[72] LARSON, JOHN C., US
[72] WITTMAYER, STACEY A., US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 1994-07-15
[86] 1992-12-30 (PCT/US1992/011303)
[87] (WO1993/013872)
[30] US (07/820,932) 1992-01-15

[11] 2,129,233
[13] C

[51] Int.Cl. 5G11B 7/24
[25] EN
[54] **ERASABLE OPTICAL RECORDING MEDIA**
[54] **SUPPORT D'ENREGISTREMENT OPTIQUE EFFACABLE**
[72] PARKINSON, DEAN B. (DECEASED), US
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 1994-07-29
[86] 1994-02-18 (PCT/KR1994/000010)
[87] (WO1994/023429)
[30] US (08/038,368) 1993-03-29

[11] 2,129,872
[13] C

[51] Int.Cl. 5H02G 3/12
[25] EN
[54] **ELECTRICAL BOX**
[54] **BOITE ELECTRIQUE**
[72] SCHNELL, KENNETH R., US
[73] HUBBELL INCORPORATED, US
[22] 1994-08-10
[30] US (08/124,198) 1993-09-20

[11] 2,130,050
[13] C

[51] Int.Cl. 5G06F 15/66
[25] EN
[54] **METHOD AND APPARATUS FOR CONSTRUCTING A FRAME BUFFER WITH A FAST COPY MEANS**
[54] **METHODE ET APPAREIL POUR CONSTRUIRE UNE MEMOIRE A IMAGES A FONCTION DE DUPLICATION RAPIDE**
[72] FORREST, CRAIG S., US
[72] FRANK, EDWARD H., US
[72] NAUGHTON, PATRICK J., US
[73] SUN MICROSYSTEMS, INC., US
[22] 1994-08-12
[30] US (08/106,281) 1993-08-13

[11] 2,132,528
[13] C

[51] Int.Cl. 5C07D 403/06 5A61K 7/42 5A61K 7/48
[25] EN
[54] **AGENT FOR USE AS AN ANTI-IRRITANT**
[54] **AGENT UTILISE COMME ANTI-IRRITANT**
[72] CAUWENBERGH, GERARD FRANS MARIA JAN, BE
[73] JANSSEN PHARMACEUTICA N.V., BE
[85] 1994-09-20
[86] 1993-03-16 (PCT/EP1993/000634)
[87] (WO1993/018744)
[30] EP (92200828.9) 1992-03-23

[11] 2,133,104
[13] C

[51] Int.Cl. 5A61C 7/18
[25] EN
[54] **ORTHODONTIC BAND**
[54] **BAGUE D'ORTHODONTIE**
[72] TUNEBERG, LEE H., US
[73] AMERICAN ORTHODONTICS CORPORATION, US
[85] 1994-09-27
[86] 1994-01-27 (PCT/US1994/001221)
[87] (WO1994/016639)
[30] US (08/010,416) 1993-01-28

[11] 2,133,741
[13] C

[51] Int.Cl. 5A61K 31/195
[25] EN
[54] **PHOTOCHEMOTHERAPEUTIC METHOD USING 5-AMINOLEVULINIC ACID AND PRECURSOR THEREOF**
[54] **METHODE PHOTOCHEMOTHERAPEUTIQUE UTILISANT DE L'ACIDE 5-AMINOLEVULINIQUE ET SES PRECURSEURS**
[72] KENNEDY, JAMES C., CA
[72] POTTIER, ROY H., CA
[72] REID, ROBERT L., CA
[73] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 1994-10-05
[86] 1993-04-02 (PCT/CA1993/000129)
[87] (WO1993/020810)
[30] US (07/865,151) 1992-04-08

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[11] **2,134,535**
[13] C

[51] **Int.Cl. 5C12N 15/14 5A61L 2/04 6A61K 38/38**
[25] EN
[54] **METHOD FOR STERILIZING RECOMBINANT HUMAN SERUM ALBUMIN PHARMACEUTICAL PREPARATION**
[54] **METHODE POUR STERILISER UNE PREPARATION PHARMACEUTIQUE DE SERUM ALBUMINE HUMAINE PRODUITE PAR RECOMBINAISON GENETIQUE**
[72] OHYA, TOMOSHI, JP
[72] OHDA, TOYOO, JP
[72] KUWAE, SHINOBU, JP
[72] TOMOMITSU, KENJI, JP
[72] KOBAYASHI, KAORU, JP
[72] OHMURA, TAKAO, JP
[73] MITSUBISHI PHARMA CORPORATION, JP
[22] 1994-10-27
[30] JP (Hei. 5-269168) 1993-10-27

[11] **2,137,229**
[13] C

[51] **Int.Cl. 5C10L 1/18 5F17D 1/17**
[25] EN
[54] **OIL ADDITIVES AND COMPOSITIONS**
[54] **ADDITIFS ET COMPOSITIONS POUR PRODUITS PETROLIERS**
[72] DAVIES, BRIAN WILLIAM, GB
[72] IBRAHIM, TUNCEL, GB
[72] GOBERDHAN, DHANESH GORDON, GB
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 1994-12-02
[86] 1993-06-29 (PCT/EP1993/001668)
[87] (WO1994/000537)
[30] GB (9213870.0) 1992-06-30

[11] **2,144,757**
[13] C

[51] **Int.Cl. 6C22C 21/06 6C22F 1/047**
[25] FR
[54] **PROCEDE DE FABRICATION D'UNE FEUILLE MINCE APTE A LA CONFECTION D'ELEMENTS CONSTITUTIFS DE BOITES**
[54] **METHOD FOR MANUFACTURING A THIN SHEET FOR PRODUCING CANNING COMPONENTS**
[72] LEGRESY, JEAN-MARC, FR
[72] RAYNAUD, GUY MICHEL, FR
[73] PECHINEY RHENALU, FR
[85] 1995-03-15
[86] 1994-07-11 (PCT/FR1994/000861)
[87] (WO1995/002708)
[30] FR (93/08987) 1993-07-16
[30] FR (93/11814) 1993-09-29

[11] **2,145,075**
[13] C

[51] **Int.Cl. 6B01J 39/08 6B01J 41/08 6C02F 1/42**
[25] EN
[54] **COMPOSITE ION-EXCHANGE MATERIAL, PREPARATION AND USE THEREOF**
[54] **MATIERE MIXTE ECHANGEUSE D'IONS, MODE DE PREPARATION ET UTILISATION CONNEXES**
[72] MAGLIO, ALFONSE, US
[72] HIMPSL, FRANCIS L., US
[72] RUSSO, ROBERT V., US
[73] THE ENGELHARD CORPORATION, US
[85] 1995-03-20
[86] 1993-07-14 (PCT/US1993/006866)
[87] (WO1994/004271)
[30] US (07/934,084) 1992-08-21

[11] **2,146,130**
[13] C

[51] **Int.Cl. 6C09D 5/16**
[25] EN
[54] **ANTIFOULING COATING COMPOSITION AND METHOD**
[54] **COMPOSITION ET METHODE POUR UN REVETEMENT ANTISALISSURE**
[72] GERHART, DONALD JOHN, US
[72] RITTSCHOF, DANIEL, US
[72] HOOPER, IRVING R., US
[72] CLARE, ANTHONY SIMON, US
[73] DUKE UNIVERSITY, US
[85] 1995-03-31
[86] 1993-10-13 (PCT/US1993/009762)
[87] (WO1994/008904)
[30] US (07/961,159) 1992-10-15
[30] US (07/964,794) 1992-10-22
[30] US (07/964,795) 1992-10-22

[11] **2,146,618**
[13] C

[51] **Int.Cl. 6G01V 5/10**
[25] EN
[54] **METHOD AND APPARATUS FOR WELL LOGGING USING AN ACCELERATOR NEUTRON SOURCE**
[54] **METHODE ET DISPOSITIF DE DIAGNOSTIC UTILISANT DES NEUTRONS A HAUTE ENERGIE**
[72] STEPHENSON, KENNETH E., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[22] 1995-04-07
[30] US (08/226,737) 1994-04-12

[11] **2,146,678**
[13] C

[51] **Int.Cl. 6B01J 19/14**
[25] EN
[54] **PROCESS FOR RENDERING REACTORS INERT**
[54] **PROCEDE POUR L'INERTAGE DES REACTEURS**
[72] LENHARD-LUBESIEDER, ULRICH, DE
[72] LOEHNING, JOERG, DE
[72] LUERKEN, FRANZ, DE
[73] MESSER GRIESHEIM GMBH, DE
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[30] DE (P 44 13 074.0) 1994-04-15

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[13] C

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6C08G 65/48
[25] EN
[54] PREPARATION OF
POLYOXYALKYLENE-ALPHA,
OMEGA-DICARBOXYLIC ACIDS
[54] PREPARATION D'ACIDES
POLYOXYALKYLENE-
ALPHA,OMEGA-DICARBOXYLIQUES
[72] FRIED, HERBERT ELLIOTT, US
[73] SHELL CANADA LIMITED, CA
[85] 1995-06-22
[86] 1993-12-22 (PCT/EP1993/003693)
[87] (WO1994/014745)
[30] US (996268) 1992-12-24

[11] **2,153,214**
[13] C

[51] Int.Cl. 6H04N 7/087
[25] EN
[54] DATA EXTRACTING APPARATUS
FOR VALIDATING DATA
MULTIPLEXED IN A VIDEO SIGNAL
[54] DISPOSITIF D'EXTRACTION DE
DONNEES POUR VALIDER LES
DONNEES MULTIPLEXEES DANS UN
SIGNAL VIDEO
[72] FURUYA, MIKI, JP
[72] EZAKI, TADASHI, JP
[72] KORI, TERUHIKO, JP
[72] TSUCHIYA, SATOSHI, JP
[73] SONY CORPORATION, JP
[22] 1995-07-04
[30] JP (P06-173517) 1994-07-01

[11] **2,157,911**
[13] C

[51] Int.Cl. 6F16H 1/28
[25] EN
[54] TRANSMISSION DEVICE
[54] DISPOSITIF DE TRANSMISSION
[72] BENESCH, LLOYD, US
[73] BENESCH, LLOYD, US
[85] 1995-09-08
[86] 1994-03-09 (PCT/US1994/002478)
[87] (WO1994/020771)
[30] US (08/029,736) 1993-03-11

[11] **2,158,496**
[13] C

[51] Int.Cl. 6D21H 17/01 6B32B 15/12
6D21H 17/73
[25] EN
[54] UN-COATED PAPER-MAKING
SLUDGE SUBSTRATE FOR
METALLIZING
[54] MATIERES POUR LA
FABRICATION DE PAPIER NON
COUCHE DESTINE A LA
METALLISATION
[72] ABBA, WILLIAM ANTHONY, US
[72] CHARLES, LAURINE ALTA, US
[72] COHEN, BERNARD, US
[73] KIMBERLY-CLARK WORLDWIDE,
INC., US
[22] 1995-09-18
[30] US (08/309,817) 1994-09-21

[11] **2,160,226**
[13] C

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[25] EN
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[54] MATERIAU IGNIFUGE
[72] ANNEMAIER, DIETER, DE
[72] GRAF, ROBERT, DE
[73] GRUNAU ILLERTISSEN GMBH, DE
[85] 1995-10-10
[86] 1994-04-02 (PCT/EP1994/001032)
[87] (WO1994/024226)
[30] DE (P 43 11 794.5) 1993-04-09

[11] **2,161,262**
[13] C

[51] Int.Cl. 6H04N 13/02 6G03B 35/00
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[25] FR
[54] DISPOSITIF VIDEO
AUTOSTEREOSCOPIQUE
[54] AUTOSTEREOSCOPIC VIDEO
DEVICE
[72] ALLIO, PIERRE, FR
[73] ALLIO, PIERRE, FR
[85] 1995-10-23
[86] 1994-04-26 (PCT/FR1994/000472)
[87] (WO1994/026071)
[30] FR (93 05380) 1993-05-05
[30] FR (93 05381) 1993-05-05
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[11] **2,166,160**
[13] C

[51] Int.Cl. 6C08F 287/00 6C08L 45/00
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[25] EN
[54] CYCLOOLEFIN COPOLYMER
COMPOSITION
[54] COMPOSITION POUR
COPOLYMERE DE CYCLOOLEFINE
[72] ABE, YOSHIHARU, JP
[72] SAGANE, TOSHIHIRO, JP
[73] MITSUI CHEMICALS INC., JP
[73] TICONA GMBH, DE
[22] 1995-12-27
[30] JP (328549/1994) 1994-12-28

[11] **2,169,435**
[13] C

[51] Int.Cl. 6A61F 5/052
[25] EN
[54] NEUROPHYSIOLOGICALLY
DESIGNED KNEE ORTHOSIS WITH
THREE DIMENSIONAL JOINT
[54] ORTHESE DE GENOU DE
CONCEPTION
NEUROPHYSIOLOGIQUE, A
ARTICULATION
TRIDIMENSIONNELLE
[72] HERRERA, RONY, CA
[72] BLEAU, JEAN-CLAUDE, CA
[72] HUYNH, TUONG NGOC, CA
[72] GAUSS, KURT, CA
[72] VARDAXIS, VASSILIOS, CA
[73] LES EQUIPEMENTS MEDICUS
LTEE, CA
[22] 1996-02-13

[11] **2,170,660**
[13] C

[51] Int.Cl. 6G01N 27/49 6G01N 27/327
6G01N 27/333 6C12M 1/40 6C12Q 1/54
[25] EN
[54] METHOD AND APPARATUS FOR
REDUCTION OF BIAS IN
AMPEROMETRIC SENSORS
[54] DISPOSITIF ET METHODE POUR
REDUIRE LA TENSION DE
POLARISATION DANS LES CAPTEURS
AMPEROMETRIQUES
[72] GENSHAW, MARVIN A., US
[72] HUANG, DIJIA, US
[72] YIP, KIN-FAI, US
[72] MUSHO, MATTHEW K., US
[73] BAYER HEALTHCARE, LLC, US
[22] 1996-02-29
[30] US (08/435,993) 1995-05-05

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[11] **2,171,619**
[13] C

[51] **Int.Cl. 6A01J 5/017**
[25] EN
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REMOVAL DEVICE**
[54] **DISPOSITIF POUR
L'ENLEVEMENT AUTOMATIQUE
D'UNE TRAYEUSE**
[72] OLOFSSON, HANS, SE
[73] DELAVAL HOLDING AB, SE
[85] 1996-03-12
[86] 1994-09-14 (PCT/SE1994/000855)
[87] (WO1995/007607)
[30] SE (9303022-9) 1993-09-16

[11] **2,173,773**
[13] C

[51] **Int.Cl. 6H04L 7/10 6H04Q 7/32**
[25] EN
[54] **METHOD AND APPARATUS FOR
REGENERATING THE SYMBOL
CLOCK OF A CELLULAR TELEPHONE
FOLLOWING A SLEEP CYCLE**
[54] **METHODE ET DISPOSITIF POUR
REGENERER LES SIGNAUX
D'HORLOGE DES SYMBOLES DANS
UN RADIOTELEPHONE APRES UN
CYCLE DE VEILLE**
[72] PEONIDES, GEORGE M., US
[73] PACIFIC COMMUNICATION
SCIENCES, INC., US
[22] 1996-04-10
[30] US (08/419,175) 1995-04-10

[11] **2,174,440**
[13] C

[51] **Int.Cl. 6A24D 1/04 6A24D 3/04**
[25] EN
[54] **SMOKING ARTICLES**
[54] **ARTICLES DESTINES A ETRE
FUMES**
[72] WHITE, PETER REX, GB
[73] BROWN & WILLIAMSON TOBACCO
CORPORATION, US
[85] 1996-04-17
[86] 1994-10-13 (PCT/GB1994/002245)
[87] (WO1995/010951)
[30] GB (9321536.6) 1993-10-19

[11] **2,175,999**
[13] C

[51] **Int.Cl. 6B67D 5/378 6B01D 53/22**
[25] EN
[54] **METHOD AND APPARATUS FOR
REDUCING HYDROCARBON
EMISSIONS FROM A FUEL STORAGE
TANK**
[54] **PROCEDE ET APPAREIL DE
REDUCTION DES EMISSIONS
D'HYDROCARBURE D'UN
RESERVOIR DE CARBURANT**
[72] NANAJI, SEIFOLLAH S., US
[72] POPE, KENNETH L., US
[72] SOBOTA, RICHARD R., US
[73] GILBARCO INC., US
[85] 1996-05-07
[86] 1994-11-16 (PCT/GB1994/002529)
[87] (WO1995/013984)
[30] US (153,528) 1993-11-16

[11] **2,176,762**
[13] C

[51] **Int.Cl. 6B32B 15/00 6B29D 23/00**
[25] EN
[54] **METAL PIPE WITH INTEGRALLY
FORMED LINER AND METHOD OF
FABRICATING THE SAME**
[54] **CONDUITE METALLIQUE AVEC
UNE CHEMISE INTEGREE ET
PROCEDE DE FABRICATION D'UNE
TELLE CONDUITE**
[72] ANDRE, JAMES R., US
[73] W.E. HALL COMPANY, US
[85] 1996-05-15
[86] 1993-11-18 (PCT/US1993/011421)
[87] (WO1995/013917)

[11] **2,177,154**
[13] C

[51] **Int.Cl. 6H04N 7/08 6H04M 11/08
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[25] EN
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[54] **SYSTEME ELECTRONIQUE DE
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[73] DISCOVERY COMMUNICATIONS,
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[85] 1996-05-22
[86] 1994-12-02 (PCT/US1994/013808)
[87] (WO1995/015649)
[30] US (08/160,194) 1993-12-02
[30] US (08/336,247) 1994-11-07
[30] US (08/160,281) 1993-12-02

[11] **2,180,366**
[13] C

[51] **Int.Cl. 6C11D 3/386 6C02F 3/34**
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[54] **ENZYMES POUR EAUX DE BAINS
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[72] DEL CORRAL, FERNANDO, US
[73] BUCKMAN LABORATORIES
INTERNATIONAL, INC., US
[85] 1996-07-02
[86] 1995-01-06 (PCT/US1995/000685)
[87] (WO1995/020033)
[30] US (08/184,108) 1994-01-21

[11] **2,183,887**
[13] C

[51] **Int.Cl. 6A01N 37/44**
[25] EN
[54] **METHOD FOR STIMULATING
PLANT GROWTH USING GABA**
[54] **PROCEDE DESTINE A STIMULER
LA CROISSANCE VEGETALE A
L'AIDE DE GABA**
[72] KINNERSLEY, ALAN M., US
[72] TOLBERT, EDWARD, US
[72] COLEMAN, ROBERT D., US
[73] EMERALD BIOAGRICULTURE
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[85] 1996-08-21
[86] 1995-02-21 (PCT/US1995/002189)
[87] (WO1995/022900)
[30] US (08/200,218) 1994-02-23

[11] **2,184,748**
[13] C

[51] **Int.Cl. 6A23L 3/12**
[25] EN
[54] **AIR-CONTAINING COOKING
SYSTEM**
[54] **SYSTEME DE CUISSON
D'ALIMENTS CONTENANT DE L'AIR**
[72] ONO, TAKUJI, JP
[73] ONO FOODS INDUSTRIAL CO.,
LTD., JP
[85] 1996-09-03
[86] 1995-03-06 (PCT/JP1995/000359)
[87] (WO1995/023526)
[30] JP (6-59954) 1994-03-04

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[13] C
[51] **Int.Cl. 6A01D 34/66 6A01B 63/06**
[25] EN
[54] **IMPLEMENT CARRIER AND METHOD FOR USING**
[54] **PORTE-OUTIL ET METHODE D'UTILISATION**
[72] VAN VLEET, ROBERT D., US
[73] VAN VLEET, ROBERT D., US
[22] 1996-10-23
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[11] **2,189,812**
[13] C
[51] **Int.Cl. 6H04N 5/06 6H03B 21/00 6H04N 7/50**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING VARIABLE RATE SYNCHRONIZATION SIGNALS**
[54] **METHODE ET APPAREIL POUR LA GENERATION DE SIGNAUX DE SYNCHRONISATION A DEBIT VARIABLE**
[72] CANFIELD, BARTH ALAN, US
[72] BLATTER, HAROLD, US
[73] THOMSON CONSUMER ELECTRONICS, INC., US
[22] 1996-11-07
[30] US (08/571,040) 1995-12-12

[11] **2,190,444**
[13] C
[51] **Int.Cl. 6F16K 11/056**
[25] EN
[54] **MULTI-WAY VALVE AND WATER PURIFIER USING THE SAME**
[54] **ROBINET A AIGUILLAGE MULTIPLE FILTRE D'EAU UTILISANT CE ROBINET**
[72] ITAKURA, JYUNJI, JP
[72] ISOBE, TAKASHI, JP
[72] TAMATSU, SHO, JP
[72] YONEZAWA, YASUO, JP
[73] TORAY INDUSTRIES, INC., JP
[22] 1996-11-15
[30] JP (7-300247) 1995-11-17
[30] JP (7-349220) 1995-12-19

[11] **2,196,165**
[13] C
[51] **Int.Cl. 6A61L 27/00**
[25] EN
[54] **METHODS FOR TREATING IMPLANTABLE BIOLOGICAL TISSUES TO MITIGATE THE CALCIFICATION THEREOF AND BIOPROSTHETIC ARTICLES TREATED BY SUCH METHODS**
[54] **PROCEDES DE TRAITEMENT DES TISSUS BIOLOGIQUES IMPLANTABLES VISANT A REDUIRE LEUR CALCIFICATION ET BIOPROTHESES TRAITEES AVEC CES PROCEDES**
[72] CARPENTIER, SOPHIE, FR
[72] CARPENTIER, ALAIN, FR
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 1997-01-28
[86] 1995-07-25 (PCT/US1995/010001)
[87] (WO1996/004028)
[30] US (08/282,358) 1994-07-29

[11] **2,201,204**
[13] C
[51] **Int.Cl. 6H05K 5/00 6H05K 1/02**
[25] EN
[54] **CONVERTER HOUSING**
[54] **BOITIER DE CONVERTISSEUR**
[72] LECHELER, REINHARD, DE
[72] KIERMEIER, THEODOR, DE
[73] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 1997-03-27
[30] DE (19612402.6) 1996-03-28

[11] **2,201,227**
[13] C
[51] **Int.Cl. 6G01N 29/22 6G01N 29/06 6G01N 21/17**
[25] EN
[54] **METHOD AND SYSTEM FOR LASER ULTRASONIC IMAGING OF AN OBJECT**
[54] **METHODE ET SYSTEME DE PRODUCTION D'IMAGES D'UN OBJET AU MOYEN D'ULTRASONS**
[72] LORRAINE, PETER WILLIAM, US
[72] HEWES, RALPH ALLEN, US
[72] STAVER, PHILLIP RANDALL, US
[73] GENERAL ELECTRIC COMPANY, US
[22] 1997-03-27
[30] US (08/627,670) 1996-04-01

[11] **2,201,358**
[13] C
[51] **Int.Cl. 6A61K 9/12 6A61K 45/08 6A61K 9/127**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] RODING, JOACHIM, DE
[72] ARTMANN, CARL, DE
[72] REGENOLD, JURGEN, DE
[73] MIKA PHARMA GESELLSCHAFT FUR DIE ENTWICKLUNG UND VERMARKTUNG PHARMAZEUTI SCHER PRODUKTE MBH, DE
[85] 1997-03-27
[86] 1995-09-28 (PCT/DE1995/001351)
[87] (WO1996/010389)
[30] DE (P 44 34 995.5) 1994-09-30
[30] DE (P 44 35 010.4) 1994-09-30

[11] **2,201,877**
[13] C
[51] **Int.Cl. 6A61B 6/03 6A61B 8/13**
[25] EN
[54] **SURGICAL NAVIGATION SYSTEMS INCLUDING REFERENCE AND LOCALIZATION FRAMES**
[54] **SYSTEMES DE GUIDAGE CHIRURGICAL COMPRENANT DES CADRES DE REFERENCE ET DE LOCALISATION**
[72] WIEDENMAIER, THOMAS, US
[72] POPE, TODD, US
[72] WIEDENMAIER, UDO, US
[72] BUCHOLZ, RICHARD D., US
[72] FOLEY, KEVIN T., US
[72] SMITH, KURT R., US
[72] BASS, DANIEL, US
[73] ST. LOUIS UNIVERSITY, US
[73] SURGICAL NAVIGATION TECHNOLOGIES, US
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[30] US (08/319,615) 1994-10-07
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[13] C

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[54] **NMR LOGGING OF NATURAL GAS IN RESERVOIRS**
[54] **DIAGRAPHIE PAR RMN DE RESERVOIRS DE GAZ NATUREL**
[72] VINEGAR, HAROLD J., US
[72] TUTUNJIAN, PIERRE NAZARETH, US
[72] AKKURT, RIDVAN, US
[73] SHELL CANADA LIMITED, CA
[85] 1997-04-17
[86] 1995-10-19 (PCT/EP1995/004137)
[87] (WO1996/012976)
[30] US (326561) 1994-10-20
[30] US (326560) 1994-10-20

[11] **2,207,341**
[13] C

[51] **Int.Cl. 6H05K 5/00**
[25] EN
[54] **ELECTRICAL OUTLET BOX ASSEMBLY**
[54] **ENSEMBLE BOITE DE SORTIE ELECTRIQUE**
[72] SWINEY, MICHAEL A., US
[72] WRIGHT, RONALD DEAN, US
[72] LEEP, ORAL F., US
[72] BAUER, CLAUDE J., US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 1997-06-09
[30] US (665,198) 1996-06-14

[11] **2,211,127**
[13] C

[51] **Int.Cl. 6A63B 22/04 6A63B 69/16**
[25] EN
[54] **STATIONARY EXERCISE APPARATUS**
[54] **EXERCISEUR FIXE**
[72] RODGERS, ROBERT E., JR., US
[73] RODGERS, ROBERT E., JR., US
[85] 1997-07-22
[86] 1996-01-25 (PCT/US1996/001101)
[87] (WO1996/022814)
[30] US (08/377,846) 1995-01-25
[30] US (08/426,467) 1995-04-19
[30] US (08/467,596) 1995-06-06
[30] US (08/497,612) 1995-06-30
[30] US (08/503,301) 1995-07-17

[11] **2,212,318**
[13] C

[51] **Int.Cl. 6D21C 3/00 6C12S 3/08 6D21C 9/10**
[25] EN
[54] **MULTI-COMPONENT SYSTEM FOR MODIFYING, DEGRADING OR BLEACHING LIGNIN, LIGNIN-CONTAINING MATERIALS OR SIMILAR SUBSTANCES AND PROCESSES FOR ITS USE**
[54] **SYSTEME A COMPOSANTES MULTIPLES POUR MODIFIER, DEGRADER OU BLANCHIR LA LIGNINE, DES MATIERES A BASE DE LIGNINE OU DES SUBSTANCES ANALOGUES; METHODES D'UTILISATION**
[72] CALL, HANS-PETER, DE
[72] STOHRER, JURGEN, DE
[72] MULLER, ROBERT, DE
[72] AMANN, MANFRED, DE
[72] FREUDENREICH, JOHANNES, DE
[73] CONSORTIUM FUR ELEKTROCHEMISCHE INDUSTRIE GMBH, DE
[22] 1997-08-05
[30] DE (196 32 623.0) 1996-08-13

[11] **2,214,510**
[13] C

[51] **Int.Cl. 6F16K 31/02**
[25] EN
[54] **ELECTROFLUIDIC STANDARD MODULE AND CUSTOM CIRCUIT BOARD ASSEMBLY**
[54] **MODULE ELECTROFLUIDIQUE NORMALISE ET ENSEMBLE DE CARTES A CIRCUITS IMPRIMES PERSONNALISEES**
[72] PACKARD, WARREN J., US
[72] JERMAN, JOHN H., US
[73] BAXTER INTERNATIONAL INC., US
[73] IC SENSORS INC., US
[85] 1997-09-02
[86] 1996-01-26 (PCT/US1996/001246)
[87] (WO1996/028664)
[30] US (08/404,301) 1995-03-14

[11] **2,220,940**
[13] C

[51] **Int.Cl. 6G01J 9/00 6G02B 23/00 6G01M 11/02**
[25] FR
[54] **DISPOSITIF POUR DETERMINER LES DEFAUTS DE PHASE D'ONDES ELECTROMAGNETIQUES**
[54] **DEVICE FOR DETERMINING PHASE FAULTS IN ELECTROMAGNETIC WAVES**
[72] GOSSELIN, PATRICK, FR
[72] GAFFARD, JEAN-PAUL, FR
[73] COMPAGNIE INDUSTRIELLE DES LASERS CILAS, FR
[22] 1997-10-31
[30] FR (96/13316) 1996-10-31

[11] **2,221,845**
[13] C

[51] **Int.Cl. 6H03M 7/00 6G10L 9/00 6G10L 7/04 6H04N 1/64**
[25] EN
[54] **ANALYSIS/SYNTHESIS FILTERING SYSTEM WITH EFFICIENT ODDLY-STACKED SINGLE-SIDEBAND FILTER BANK USING TIME-DOMAIN ALIASING CANCELLATION**
[54] **SYSTEME DE FILTRAGE D'ANALYSE/SYNTHESE AVEC BANCS DE FILTRES EFFICACES A UNE SEULE BANDE LATERALE ET A EMPILEMENT INTERNE UTILISANT LA SUPPRESSION DU REPLIEMENT DU SPECTRE DANS LEDOMAINA TEMPOREL**
[72] BOSI-GOLDBERG, MARINA, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 1997-11-18
[86] 1997-03-17 (PCT/US1997/004164)
[87] (WO1997/035386)
[30] US (08/618,506) 1996-03-19

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[13] C

[51] Int.Cl. 6B05B 12/12
[25] EN
[54] ARRANGEMENT FOR COATING OBJECTS WITH WATER SOLUBLE AND WATER DILUTEABLE COATING MATERIALS
[54] DISPOSITIF POUR REVETIR DES OBJETS AVEC DES SUBSTANCES DE REVETEMENT HYDROSOLUBLES OU HYDRODILUABLES
[72] HEINE, WERNER, DE
[73] RANGE UND HEINE GMBH, DE
[22] 1997-12-18
[30] DE (296 22 072.8) 1996-12-19

[11] 2,225,597
[13] C

[51] Int.Cl. 6A61K 7/00 6A61K 7/06 6A61K 7/46 6A61K 7/48
[25] FR
[54] UTILISATION D'UN ORGANOPOLYSILOXANE POUR LA FIXATION ET/OU LA LIBERATION PROLONGEE DE PARFUM
[54] USE OF A ORGANOPOLYSILOXANE AS A PERFUME FIXATIVE AND/OR FOR PROLONGING ITS RELEASE
[72] BARA, ISABELLE, FR
[72] AUGUSTE, FREDERIC, FR
[73] L'OREAL, FR
[22] 1998-01-30
[30] FR (97 01 105) 1997-01-31

[11] 2,225,650
[13] C

[51] Int.Cl. 6C01B 11/02 6C02F 1/76
[25] EN
[54] PROCESS FOR THE PRODUCTION OF AQUEOUS CHLORINE DIOXIDE SOLUTIONS
[54] PROCEDE DE PREPARATION DE SOLUTIONS AQUEUSES DE DIOXYDE DE CHLORE
[72] KUKU, FRITZ, DE
[72] RIMPLER, MANFRED, DE
[72] RIMPLER, MARCUS, DE
[73] RIMPLER, MANFRED, DE
[85] 1998-02-06
[86] 1996-08-09 (PCT/EP1996/003543)
[87] (WO1997/006098)
[30] DE (195 29 504.8) 1995-08-10

[11] 2,227,818
[13] C

[51] Int.Cl. 6H01S 3/025
[25] EN
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[54] LASER A SOLIDE
[72] ROBERTSON, JOHN, GB
[73] BARR & STROUD LIMITED, GB
[85] 1998-01-26
[86] 1996-10-22 (PCT/GB1996/002592)
[87] (WO1997/017746)
[30] GB (9522925.8) 1995-11-09

[11] 2,229,192
[13] C

[51] Int.Cl. 6F16L 3/04
[25] EN
[54] PIPE ANCHORING SYSTEM
[54] SYSTEME DE FIXATION DE CONDUITE
[72] KAMPF, MARK, US
[73] IRECO, INC., US
[22] 1998-02-10
[30] US (08/797,981) 1997-02-12

[11] 2,229,511
[13] C

[51] Int.Cl. 6H04N 7/01 6H04N 5/21
[25] EN
[54] IMAGE PROCESSING DEVICE AND METHOD
[54] DISPOSITIF ET METHODE DE TRAITEMENT D'IMAGES
[72] OHTSUKI, TOMOYUKI, JP
[72] KONDO, TETSUJIRO, JP
[72] WATANABE, TSUTOMU, JP
[73] SONY CORPORATION, JP
[22] 1998-02-13
[30] JP (PO9-030181) 1997-02-14
[30] JP (PO9-261934) 1997-09-26

[11] 2,230,831
[13] C

[51] Int.Cl. 6F02M 35/10 6B29C 45/10 6B29C 45/14 6B29C 65/70
[25] EN
[54] METHOD AND APPARATUS FOR MANUFACTURING SYNTHETIC RESIN TUBULAR MEMBER AND SYNTHETIC RESIN-MADE INTAKE MANIFOLD
[54] PROCEDE ET DISPOSITIF POUR FABRIQUER UN CORPS TUBULAIRE EN RESINE SYNTHETIQUE, ET COLLECTEUR D'ADMISSION EN RESINE SYNTHETIQUE
[72] OKADA, DAIMON, JP
[72] SHIRAI, JUNICHIRO, JP
[72] TAKASHINA, RYUJI, JP
[72] SHIMONISHI, AKIRA, JP
[73] G P DAIKYO CORPORATION, JP
[85] 1998-02-27
[86] 1997-07-02 (PCT/JP1997/002282)
[87] (WO1998/001280)
[30] JP (8-173387) 1996-07-03

[11] 2,230,928
[13] C

[51] Int.Cl. 6H04Q 11/04
[25] EN
[54] SWITCH WITH ONE-BIT RESOLUTION
[54] COMMUTATEUR A RESOLUTION A UN BIT
[72] RUUSKANEN, MARKKU, FI
[72] KALLIONIEMI, TAPIO, FI
[73] NOKIA TELECOMMUNICATIONS OY, FI
[85] 1998-03-02
[86] 1996-09-04 (PCT/FI1996/000473)
[87] (WO1997/009839)
[30] FI (954158) 1995-09-05

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[13] C

[51] **Int.Cl. 6A61K 7/40 6A61K 7/48**
[25] FR
[54] **UTILISATION D'ACIDES CARBOXYLIQUES PORTEURS D'UNE FONCTION SOUFREE POUR FAVORISER LA DESQUAMATION DE LA PEAU OU STIMULER LE RENOUVELLEMENT EPIDERMIQUE**
[54] **USE OF CARBOXYLIC ACIDS HAVING A SULPHUR FUNCTION FOR PROMOTING SKIN EXFOLIATION OR STIMULATING EPIDERMAL REGENERATION**
[72] MAIGNAN, JEAN, FR
[73] L'OREAL, FR
[85] 1998-04-23
[86] 1996-10-23 (PCT/FR1996/001658)
[87] (WO1997/016165)
[30] FR (95/12787) 1995-10-30

[11] **2,234,798**
[13] C

[51] **Int.Cl. 6H01H 3/26**
[25] EN
[54] **OPERATING DEVICE FOR ELECTRIC SWITCHING DEVICE**
[54] **DISPOSITIF D'ACTIONNEMENT D'UN INTERRUPTEUR ELECTRIQUE**
[72] ANDERSSON, ANDERS, SE
[73] ABB AB, SE
[85] 1998-04-30
[86] 1996-10-31 (PCT/SE1996/001404)
[87] (WO1997/016841)
[30] SE (9503859-2) 1995-11-01

[11] **2,234,804**
[13] C

[51] **Int.Cl. 6F23J 3/00 6B08B 9/06**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR REMOVING DEPOSITS IN AND ON FEED NOZZLES OR FEED PIPES OF FIRING INSTALLATIONS**
[54] **METHODE ET DISPOSITIF POUR LE DECRASSAGE DE BUSES OU DE TUYAUX D'ALIMENTATION DANS LES INSTALLATIONS DE COMBUSTION**
[72] MARTIN, JOHANNES JOSEF EDMUND, DE
[72] SPICHAL, PETER, DE
[73] MARTIN GMBH FUR UMWELT-UND ENERGIETECHNIK, DE
[22] 1998-04-14
[30] DE (197 17 378.0) 1997-04-24

[11] **2,235,694**
[13] C

[51] **Int.Cl. 6A23J 3/16 6A23P 1/00**
[25] EN
[54] **CONTINUOUS PRODUCTION METHOD OF FROZEN BEAN CURD, AND THE APPARATUS THEREOF**
[54] **METHODE DE FABRICATION CONTINUE DE TOFU CONGELE ET APPAREIL CONNEXE**
[72] IWAMOTO, HIROAKI, JP
[73] SENSHOKU CO., LTD., JP
[22] 1998-04-23

[11] **2,235,992**
[13] C

[51] **Int.Cl. 6F16H 25/22**
[25] EN
[54] **DEVICE FOR CONVERTING A ROTARY MOTION INTO AN AXIAL MOTION**
[54] **DISPOSITIF POUR TRANSFORMER UN MOUVEMENT DE ROTATION EN UN MOUVEMENT AXIAL**
[72] HEHL, KARL, DE
[73] HEHL, KARL, DE
[85] 1998-04-27
[86] 1996-11-12 (PCT/DE1996/002170)
[87] (WO1997/018406)
[30] DE (195 42 453.0) 1995-11-14

[11] **2,236,501**
[13] C

[51] **Int.Cl. 6A43B 17/00**
[25] EN
[54] **PAIR OF SOCKS**
[54] **PAIRE DE CHAUSSETTES**
[72] STUBBS, MICHAEL JOHN, GB
[73] STUBBS, MICHAEL JOHN, GB
[85] 1998-05-20
[86] 1996-11-20 (PCT/GB1996/002864)
[87] (WO1997/019216)
[30] GB (9523775.6) 1995-11-21

[11] * **2,237,736**
[13] C

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

[11] **2,239,034**
[13] C

[51] **Int.Cl. 6H04Q 7/38**
[25] EN
[54] **A MOBILE-LINK SYSTEM FOR A RADIO COMMUNICATION SYSTEM WITH DIVERSITY RECEPTION OF SELECTED UPLINK SIGNALS**
[54] **SYSTEME DE LIAISONS MOBILES DESTINE A UN SYSTEME DE RADIOCOMMUNICATIONS A RECEPTION EN DIVERSITE DE SIGNAUX MONTANTS SELECTIONNES**
[72] MOLNAR, BARBARA DAVIS, US
[72] HASSAN, AMER AREF, US
[72] STASIK, ERIC, SE
[73] ERICSSON, INC., US
[85] 1998-05-29
[86] 1996-12-05 (PCT/US1996/019508)
[87] (WO1997/022188)
[30] US (08/567,513) 1995-12-05

[11] **2,240,216**
[13] C

[51] **Int.Cl. 6C08J 5/00 6C08J 7/00**
[25] EN
[54] **POLYMER PLASTIC PLUG IMPREGNATED WITH WOOD PRESERVATIVE AND METHOD FOR MAKING THE SAME**
[54] **CHEVILLE EN MATIERE PLASTIQUE POLYMERIQUE IMPREGNEE D'UN PRODUIT DE PRESERVATION DU BOIS, ET METHODE DE FABRICATION CONNEXE**
[72] WALL, WESLEY JAMES, CA
[73] GENICS INC., CA
[22] 1998-06-10

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[11] **2,240,663**
[13] C

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **DATA RETRIEVAL METHOD AND APPARATUS WITH MULTIPLE SOURCE CAPABILITY**
[54] **PROCEDE DE RECUPERATION DE DONNEES ET EQUIPEMENT A CAPACITE DE SOURCES MULTIPLES**
[72] BABCOCK, DONALD K., US
[72] YARNALL, DAVID F., US
[72] KOUCHI, DAVID B., US
[73] TIMELINE, INC., US
[85] 1998-06-15
[86] 1996-12-20 (PCT/US1996/020366)
[87] (WO1997/024658)
[30] US (08/582,062) 1996-01-02
[30] US (08/593,118) 1996-02-01

[11] **2,241,778**
[13] C

[51] **Int.Cl. 6G07F 17/26**
[25] EN
[54] **PERSONAL POSTAGE STAMP VENDING MACHINE**
[54] **DISTRIBUTEUR DE TIMBRES-POSTES PERSONNALISES**
[72] PINTSOV, LEON A., US
[72] BRASINGTON, GLYNN M., US
[72] SHAPIRO, STEVEN J., US
[73] PITNEY BOWES INC., US
[22] 1998-06-26
[30] US (884,212) 1997-06-27

[11] **2,246,312**
[13] C

[51] **Int.Cl. 6H02K 1/04 6H01F 41/02 6H02K 15/02 6H01F 27/245**
[25] EN
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[54] **PROCEDE POUR LA PRODUCTION DE NOYAUX FEUILLETES ET MODULES ELECTROMAGNETIQUES AINSI OBTENUS**
[72] HAHN, WOLFGANG, DE
[72] MASSEN, ULRICH, DE
[72] GEHRIG, MICHEL, CH
[72] MILLER, LUITPOLD, DE
[72] MOSER, THOMAS, CH
[72] MOSER, ROLAND, CH
[72] SETIABUDI, FRANS, DE
[73] THYSSEN TRANSPAPID SYSTEM GMBH, DE
[73] VANTICO AG, CH
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[30] CH (359/96) 1996-02-12

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[72] WILLMOT, ERIC PAUL, AU
[73] AIMBRIDGE PTY LTD, AU
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[87] (WO1997/030813)
[30] AU (PN 8244) 1996-02-23
[30] AU (PO 0627) 1996-06-25

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[51] **Int.Cl. 6G02B 27/02 6G02B 13/06**
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[54] **PANORAMIC VIEWING SYSTEM WITH OFFSET VIRTUAL OPTICAL CENTERS**
[54] **SYSTEME DE VISUALISATION PANORAMIQUE AVEC CENTRES OPTIQUES VIRTUELS DECENTRES**
[72] NALWA, VISHVJIT SINGH, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 1998-09-17
[30] US (08/946,443) 1997-10-07

[11] **2,250,046**
[13] C

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[25] EN
[54] **METHOD FOR PREPARING ACETIC ACID AND/OR METHYL ACETATE BY METHYL FORMATE ISOMERISATION**
[54] **PROCEDE DE PREPARATION D'ACIDE ACETIQUE ET/OU D'ACETATE DE METHYLE PAR ISOMERISATION DE FORMIATE DE METHYLE**
[72] PATOIS, CARL, FR
[72] PERRON, ROBERT, FR
[72] THIEBAUT, DANIEL, FR
[73] ACETEX CHIMIE, FR
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[30] FR (96/03,781) 1996-03-27

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[25] EN
[54] **COMPOSITE FIBRES, WOUND DRESSINGS INCORPORATING SUCH FIBRES AND A METHOD FOR MAKING SAME**
[54] **FIBRES COMPOSITES, PANSEMENTS INCORPORANT DE TELLES FIBRES ET PROCEDE DE FABRICATION DE TELLES FIBRES**
[72] KERSHAW, DAVID, GB
[72] MAHONEY, PETER M.J., GB
[72] HANMER, PAUL, GB
[72] PRITCHARD, DAVID, GB
[73] BRISTOL-MYERS SQUIBB COMPANY, US
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[13] C

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[54] **FILM A MODULE ELEVE**
[72] SHAH, GAUTAM P., US
[73] CRYOVAC INC., US
[85] 1998-10-09
[86] 1997-04-04 (PCT/US1997/005644)
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[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND DOWNLOADING SETUP INFORMATION**
[54] **PROCEDE ET DISPOSITIF D'EMISSION ET DE TELECHARGEMENT D'INFORMATIONS D'ETABLISSEMENT**
[72] CHANG, ALLEN, US
[72] KWOH, DANIEL S., US
[72] YUEN, HENRY C., US
[73] INDEX SYSTEMS, INC., VG
[85] 1998-10-28
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[11] **2,254,569**
[13] C

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[54] **VACUUM CLEANER INCLUDING VENTILATION FAN FOR FORMING AIR CURRENT FLOWING ALONG THE AXIAL DIRECTION OF ROTARY BRUSH TO SUCTION MEMBER**
[54] **ASPIRATEUR COMPRENANT UN VENTILATEUR PRODUISANT UN COURANT D'AIR DANS LE SENS AXIAL DE LA BROSSE ROTATIVE A L'ELEMENT D'ASPIRATION**
[72] OKA, YASUHIRO, JP
[73] SHARP KABUSHIKI KAISHA, JP
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[30] JP (10-009485) 1998-01-21

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[54] **METHOD AND APPARATUS OF PROVIDING BIT COUNT INTEGRITY AND SYNCHRONOUS DATA TRANSFER OVER A CHANNEL WHICH DOES NOT PRESERVE SYNCHRONIZATION**
[54] **PROCEDE ET APPAREIL CONSERVANT L'INTEGRITE DU COMPTAGE DE BITS ET ASSURANT LE TRANSFERT DE DONNEES SYNCHRONES SUR UN CANAL NE PRESERVANT PAS LA SYNCHRONISATION**
[72] GROB, MATTHEW S., US
[72] KUDRIMOTI, ABHIJIT, US
[72] TIEDEMANN, EDWARD G., JR., US
[73] QUALCOMM INCORPORATED, US
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[13] C

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[54] **TUBULAR SKYLIGHT WITH IMPROVED DOME**
[54] **PRISE DE JOUR TUBULAIRE EN TOITURE, A DOME AMELIOREE**
[72] KRAMER, GWEN H., US
[72] SITZEMA, RONALD L., JR., US
[72] DE BLOCK, DAVID A., US
[73] ODL, INCORPORATED, US
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[11] **2,261,020**
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[54] **PREPARATION OF PICHIA METHANOLICA AUXOTROPHIC MUTANTS**
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[72] RAYMOND, CHRISTOPHER K., US
[73] ZYMOGENETICS, INC., US
[85] 1999-01-14
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[13] C

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[25] EN
[54] **EGF-LIKE FACTOR FROM CHROMAFFIN GRANULES AND GLIA CELL-DERIVED NEUROTROPHIC FACTOR WITH SURVIVAL-PROMOTING ACTIVITY ON DAERGIC NEURONS**
[54] **FACTEUR SEMBLABLE A EGF DERIVE DE GRANULES DE CHROMAFFINE ET FACTEUR NEUROTROPHIQUE DERIVE DE CELLULES GLIA PRESENTANT UNE ACTIVITE FAVORISANT LA SURVIE DE NEURONES DAERGIQUES**
[72] PAULISTA, MICHAEL, DE
[72] UNSICKER, KLAUS, DE
[72] BECHTOLD, ROLF, DE
[72] POHL, JENS, DE
[72] GACK, SABINE, DE
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[54] **SUPPORT ET APPAREIL D'ENREGISTREMENT VIDEO ET METHODE D'EXTRACTION DE VIDEOS**
[72] UEYAMA, HIROKAZU, US
[72] MISAWA, IKUO, US
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
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[54] **ELECTRIC ARC WELDER AND CONTROLLER THEREFOR**
[54] **SOUDEUR A L'ARC ELECTRIQUE ET CONTROLEUR CONNEXE**
[72] HSU, CHRISTOPHER, US
[73] LINCOLN GLOBAL, INC., US
[22] 1999-03-15
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[25] EN
[54] **AN IMPROVED SWITCH DESIGN WITH POWER CABLE LOCKING**
[54] **MODELE D'INTERRUPTEUR AMELIORE AVEC BRIDE DE CABLE D'ALIMENTATION**
[72] WANG, LIEN-SHENG, XX
[73] WANG, LIEN-SHENG, XX
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[11] **2,265,569**
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[54] **OPTICAL DISC ADHESIVE LABEL APPLICATOR**
[54] **APPLICATEUR D'ETIQUETTE ADHESIVE SUR DISQUE OPTIQUE**
[72] HUMMELL, MICHAEL, US
[72] PEARCE, JOSEPH R., US
[73] STOMP, INC., US
[85] 1999-03-09
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[30] US (60/026,150) 1996-09-16

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[51] **Int.Cl. 6G08B 13/14 6G08C 19/00 6H01F 13/00 6G08B 13/24**
[25] EN
[54] **APPARATUS FOR DEACTIVATION OF ELECTRONIC ARTICLE SURVEILLANCE TAGS**
[54] **APPAREIL DE DESACTIVATION DES ETIQUETTES DE SURVEILLANCE ELECTRONIQUE D'ARTICLES**
[72] EASTER, RONALD B., US
[72] EMBLING, STEVEN W., US
[73] SENSORMATIC ELECTRONICS CORPORATION, US
[85] 1999-03-09
[86] 1997-09-26 (PCT/US1997/017565)
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[25] EN
[54] **TAG SYSTEM WITH ANTI-COLLISION FEATURES**
[54] **SYSTEME D'ETIQUETTES AVEC DES CARACTERISTIQUES ANTI-COLLISION**
[72] FEDERMAN, VLADIMIR, CA
[73] EXI WIRELESS SYSTEMS INC., CA
[22] 1999-03-23

[11] **2,266,480**
[13] C
[51] **Int.Cl. 6A63B 63/00**
[25] EN
[54] **MULTI-USE NET**
[54] **FILET A USAGE MULTIPLE**
[72] MACALUSO, ANTHONY G., US
[73] IZZO GOLF INC., US
[85] 1999-03-23
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[11] **2,267,574**
[13] C
[51] **Int.Cl. 6H04L 12/54 6H04L 12/22**
[25] EN
[54] **COMMUNICATION APPARATUS, DATA REWRITE METHOD AND DATA DOWNLOAD METHOD**
[54] **APPAREIL DE COMMUNICATION ET METHODE DE REINSCRIPTION ET DE TELECHARGEMENT DE DONNEES**
[72] SAWADA, TOSHIHISA, JP
[72] BANDO, TATSUO, JP
[73] PANASONIC COMMUNICATIONS CO., LTD., JP
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[30] JP (10-194663) 1998-07-09

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[54] **APPAREIL DE TRANSMISSION MTA**
[72] NAKAGAWA, ATSUSHI, JP
[72] SUZUKI, MUNEYUKI, JP
[72] TSUJI, KIYOTAKA, JP
[72] YOSHIKAWA, HIDETAKA, JP
[72] SEKI, YUTAKA, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[13] C
[51] **Int.Cl. 6B23B 5/04**
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[54] **APPARATUS AND METHOD FOR AUTOMATICALLY COMPENSATING FOR LATERAL RUNOUT**
[54] **APPAREIL ET PROCEDE DESTINE A COMPENSER AUTOMATIQUEMENT LE ROULIS LATERAL**
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[72] NEWELL, HAROLD, US
[73] WILLEY, JOSEPH B., US
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[73] ARIZANT HEALTHCARE INC., US
[85] 1999-04-30
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[13] C

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[54] **COLLAGE DE PIECES EN METAL**
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[73] MACKELVIE, WINSTON R., CA
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AND DECODING METHOD**
[54] **DECODEUR DE LONGUEUR
VARIABLE ET PROCEDE DE
DECODAGE**
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[72] CHUJOH, TAKESHI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[30] JP (9-269916) 1997-10-02
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[13] C

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[54] **SPEECH IMMUNITY
ENHANCEMENT IN LINEAR
PREDICTION BASED DTMF
DETECTOR**
[54] **AMELIORATION DE
L'INSENSIBILITE AUX SIGNAUX
VOCAUX DANS UN DETECTEUR
DTMF FONDE SUR LA PREDICTION
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[72] WIKSTROM, PER MAGNUS, SE
[73] TELEFONAKTIEBOLAGET LM
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[87] (WO/)

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[25] EN
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[54] **METIER A TISSER AVEC
INSERTION PNEUMATIQUE DU FIL
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[72] SPEICH, FRANCISCO, CH
[73] TEXTILMA AG, CH
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[54] **SUCTION PORT BODY FOR
VACUUM-CLEANER AND VACUUM-
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[54] **CORPS D'ORIFICE
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[72] TAKEMOTO, RITSUO, JP
[72] MANO, FUMIKI, JP
[72] TUTIYA, YOSIHIRO, JP
[72] TORISAWA, YOU, JP
[73] TOSHIBA TEC KABUSHIKI KAISHA,
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[30] JP (10-024309) 1998-02-05
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[54] **PROGRAM MANAGEMENT
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[54] **METHODE ET APPAREIL DE
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[72] WELLS, BILL, US
[73] IGT, US
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[51] **Int.Cl. 6H04Q 11/04 6H04B 7/185**
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[72] BRUECKHEIMER, SIMON DANIEL,
GB
[72] MAUGER, ROY HAROLD, GB
[73] NORTEL NETWORKS LIMITED, CA
[85] 1999-09-21
[86] 1998-04-17 (PCT/GB1998/001142)
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[72] CURTIS, ERNEST S., US
[72] PAHLCK, HAROLD E., US
[72] SHAH, ARVIND N., US
[73] AVON PRODUCTS, INC., US
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METHOD FOR ENHANCED POWER
AMPLIFICATION OF A PULSE
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[54] PROCEDE DE COMMANDE
REFERENCE PAR IMPULSION ET
DESTINE A UNE AMPLIFICATION DE
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[72] NIELSEN, KARSTEN, DK
[73] BANG & OLUFSEN ICEPOWER A/S,
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FILLING N2 GAS INTO TIRE
[54] PROCESSUS ET DISPOSITIF POUR
REMPLIR UN PNEU D'AZOTE
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[72] SAKAKIBARA, YOSHITOMO, JP
[72] MAKINO, YOSHIHIRO, JP
[72] KOBAYASHI, YASUSHI, JP
[73] BRIDGESTONE CORPORATION, JP
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[54] ELEMENT DE FIXATION
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[72] DICKE, ROBERT, DE
[73] A-Z AUSRUSTUNG UND ZUBEHOR
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[51] Int.Cl. 6H04Q 7/36 6H04J 11/00
[25] EN
[54] METHODS AND APPARATUS FOR
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ORTHOGONAL FREQUENCY
DIVISION MULTIPLEXING
[54] METHODES ET APPAREILS DE
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[73] LUCENT TECHNOLOGIES INC., US
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[11] 2,287,925
[13] C
[51] Int.Cl. 6E04C 3/32
[25] EN
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ADJUSTABLE ACCESSORY SUPPORTS
[54] POTEAU DE SOUTIEN A
SUPPORTS D'ACCESSOIRES
REGLABLES
[72] FORTIER, MICHEL, CA
[73] FORCE ET FORME, CA
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[25] EN
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INDUCTIVE ELEMENTS
[54] GYRATEUR AVEC
AMPLIFICATEURS DE BOUCLES
BRANCHE A DES ELEMENTS
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[72] BROWN, ANTHONY KEVIN DALE,
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[73] NORTEL NETWORKS LIMITED, CA
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[51] Int.Cl. 7H01H 9/00 7H01H 9/30
[25] FR
[54] MECANISME D'INSERTION
D'UNE RESISTANCE DE FERMETURE
AVEC UN VERROUILLAGE A BILLE
[54] CLOSURE RESISTANCE
INSERTION MECHANISM WITH BALL
LOCKING
[72] LEDRU, ROGER, FR
[73] ALSTOM HOLDINGS, FR
[22] 1999-11-29
[30] FR (98 15 035) 1998-11-30

[11] 2,291,540
[13] C
[51] Int.Cl. 7H03H 11/02 7H01L 23/00
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[25] EN
[54] DEVICE FOR COMPENSATING
PROCESS AND OPERATING
PARAMETER VARIATIONS IN CMOS
INTEGRATED CIRCUITS
[54] DISPOSITIF DE COMPENSATION
DES VARIATIONS DES PARAMETRES
DE FABRICATION ET DE
FONCTIONNEMENT DE CIRCUITS
INTEGRES CMOS
[72] BALISTRERI, EMANUELE, IT
[72] BURZIO, MARCO, IT
[73] TELECOM ITALIA LAB S.P.A., IT
[22] 1999-12-03
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[51] **Int.Cl. 7B05C 17/01 7A47L 13/26 7B65D 83/76**
[25] EN
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[54] **DISPOSITIF A EMBOUT AMELIORE**
[72] LAWSON, JOHN RUSSELL, IT
[72] VUIJK, JELLE DANKERT, IT
[72] CROZET, YVON, IT
[73] THE PROCTER & GAMBLE COMPANY, US
[22] 1999-12-07
[30] BE (99870169.2) 1999-08-05

[11] * **2,293,059**
[13] C

[51] **Int.Cl. 7G06F 17/30 7G11B 23/00**
[25] EN
[54] **ACCOMMODATION OF DATA DEFINITION STATEMENTS IN THE SHARING OF DYNAMIC SQL STATEMENTS**
[54] **PRISE EN CHARGE D'ENONCES DE DEFINITION DE DONNEES DANS LE PARTAGE D'ENONCES SQL DYNAMIQUES**
[72] SNOWBELL, MICHAEL J., CA
[72] CHAN, YUK KUEN, CA
[72] BIRD, PAUL MILLER, CA
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
[22] 1999-12-22

[11] **2,294,894**
[13] C

[51] **Int.Cl. 7A61F 13/15**
[25] EN
[54] **DISPOSABLE ABSORBENT ARTICLES WITH REDUCED OCCLUSION TENDENCY**
[54] **ARTICLES ABSORBANTS JETABLES PRESENTANT UNE TENDANCE REDUITE A L'OCCLUSION**
[72] ROBERTSON, MUIR CHARLES, US
[72] PLISCHKE, MANFRED, DE
[72] HERRLEIN, MATHIAS KURT, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-12-15
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[13] C

[51] **Int.Cl. 7A62B 18/08**
[25] EN
[54] **HEADGEAR**
[54] **COUVRE-CHEF**
[72] LITHGOW, PERRY DAVID, AU
[73] RESMED LTD., AU
[22] 2000-01-11
[30] AU (PP 8121) 1999-01-12

[11] **2,297,019**
[13] C

[51] **Int.Cl. 7A01J 7/04 7A01K 13/00**
[25] EN
[54] **AUTOMATIC EQUIPMENT TO WASH, DISINFECT, DRY AND STIMULATE THE DAIRY COW-TEATS**
[54] **EQUIPEMENT AUTOMATIQUE POUR LAVER, DESINFECTER, SECHER, ET STIMULER LES MAMELLES DE VACHES LAITIERES**
[72] FARINA, FELICE, IT
[73] C.T.A. S.R.L., IT
[85] 2000-01-20
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[13] C

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[25] EN
[54] **DECORATIVE CORROSION AND ABRASION RESISTANT COATING**
[54] **ENDUIT DECORATIF RESISTANT A LA CORROSION ET A L'ABRASION**
[72] SONG, INHO, US
[72] BUBAR, BRIAN S., US
[72] TRAUTMAN, BRENDA L., US
[72] O'BRIEN, TIMOTHY J., US
[72] WILDER, JEFFREY D., US
[72] MAY, DARRELL K., US
[72] PRESTON, JOSEPH E., US
[72] SHEEK, JAMES G., US
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[22] 2000-02-07
[30] US (09/259,341) 1999-03-01

[11] **2,301,710**
[13] C

[51] **Int.Cl. 7B43K 7/00**
[25] EN
[54] **WRITING INSTRUMENT**
[54] **INSTRUMENT D'ECRITURE**
[72] MANGAN, EDWARD JOSEPH, US
[72] NICOLL, ROY, GB
[72] DOWST, WILLIAM PERRY, US
[73] BEROL CORPORATION, US
[85] 2000-02-21
[86] 1998-09-22 (PCT/US1998/019679)
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[30] US (08/937,400) 1997-09-25
[30] US (09/154,341) 1998-09-16

[11] **2,301,774**
[13] C

[51] **Int.Cl. 7G10L 15/00 7H04Q 7/32**
[25] EN
[54] **METHOD AND APPARATUS FOR MANAGING VOICE REGISTRATION ENTRIES OF VOICE RECOGNITION APPARATUS FOR USE IN BOTH HANDSET AND HANDS-FREE KIT**
[54] **PROCEDE ET APPAREIL SERVANT A GERER L'ENREGISTREMENT DE SIGNAUX VOCAUX D'ENTREE DANS UN APPAREIL DE RECONNAISSANCE VOCALE, UTILE POUR UN COMBINE ET POUR UN DISPOSITIF MAINS LIBRES**
[72] PARK, JOUNG-KYOU, KR
[72] CHUN, KYUNG-JOON, KR
[72] CHIN, SEO-YONG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2000-02-22
[86] 1998-08-25 (PCT/KR1998/000258)
[87] (WO1999/012154)
[30] KR (41887/1997) 1997-08-28

[11] **2,301,929**
[13] C

[51] **Int.Cl. 7B01J 20/18**
[25] EN
[54] **ZEOLITE ADSORBENTS AND ADSORPTIVE SEPARATION PROCESS**
[54] **ADSORBANTS ET PROCESSUS DE SEPARATION PAR ADSORPTION**
[72] OJO, ADEOLA FLORENCE, US
[72] FITCH, FRANK R., US
[72] BULOW, MARTIN, US
[73] THE BOC GROUP, INC., US
[22] 2000-03-21
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[51] **Int.Cl. 7B23D 25/12 7B23D 25/08**
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[54] **HIGH SPEED FLYING SHEAR**
[54] **CISAILLE VOLANTE A GRANDE VITESSE**
[72] SHEN, XIAOLAN, US
[72] SHORE, T. MICHAEL, US
[73] MORGAN CONSTRUCTION COMPANY, US
[22] 2000-03-28
[30] US (09/288,450) 1999-04-08

[11] **2,302,871**
[13] C

[51] **Int.Cl. 7C04B 24/12**
[25] EN
[54] **CORROSION INHIBITING ADMIXTURE FOR CONCRETE**
[54] **ADMIXTION INHIBITRICE DE LA CORROSION POUR LE BETON**
[72] MUNTEANU, VIOLETA F., US
[72] KINNEY, FREDERICK D., US
[72] MELENDEZ, JOSE A., US
[72] LANE, DONALD R., US
[73] TOMAHAWK, INC., US
[22] 2000-03-29
[30] US (09/295,117) 1999-04-19

[11] **2,303,388**
[13] C

[51] **Int.Cl. 7H04B 7/06 7H04L 1/06 7H04B 7/08**
[25] EN
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[54] **TECHNIQUE D'EMISSION EN DIVERSITE POUR COMMUNICATIONS SANS FIL**
[72] TAROKH, VAHID, US
[72] ALAMOUTI, SIAVASH, US
[73] AT&T WIRELESS SERVICES, INC., US
[85] 2000-03-14
[86] 1998-08-31 (PCT/US1998/017963)
[87] (WO1999/014871)
[30] US (60/059,016) 1997-09-16
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[11] **2,306,908**
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[25] EN
[54] **FATTY ACIDS, SOAPS, SURFACTANT SYSTEMS, AND CONSUMER PRODUCTS BASED THEREON**
[54] **ACIDES GRAS, SAVONS, SYSTEMES TENSIOACTIFS ET PRODUITS DE CONSOMMATION A BASE DE CES COMPOSES**
[72] WAHL, ERROL HOFFMAN, US
[72] BURCKETT-ST.LAURENT, JAMES CHARLES THEOPHILE ROGER, US
[72] SCHEIBEL, JEFFREY JOHN, US
[72] CRIPE, THOMAS ANTHONY, US
[72] CONNOR, DANIEL STEDMAN, US
[72] DECLERCQ, MARC JOHAN, BE
[72] SEVERSON, ROLAND GEORGE, US
[72] FRANKENBACH, GAYLE MARIE, US
[72] DEMEYERE, HUGO JEAN MARIE, BE
[72] SIVIK, MARK ROBERT, US
[72] VINSON, PHILLIP KYLE, US
[72] BACK, DEBORAH JEAN, US
[72] TRINH, TOAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-04-20
[86] 1998-10-19 (PCT/US1998/022054)
[87] (WO1999/020722)
[30] US (60/063,603) 1997-10-23

[11] **2,307,552**
[13] C

[51] **Int.Cl. 6C07D 213/73 6C07D 471/04 6C07D 401/12 6C07D 405/12 6C07D 409/12 6C07D 413/12 6C07D 417/12 6A61K 31/44 6C07D 213/75 6C07D 213/82**
[25] EN
[54] **SUBSTITUTED PYRIDINE COMPOUNDS AS ANTI-INFLAMMATORY AGENTS**
[54] **COMPOSES PYRIDINE SUBSTITUES PRESENTANT UNE ACTION ANTI-INFLAMMATOIRE**
[72] MANTLO, NATHAN B., US
[72] SCHLACHTER, STEPHEN T., US
[72] JOSEY, JOHN A., US
[73] AMGEN INC., US
[85] 2000-04-28
[86] 1998-11-04 (PCT/US1998/023510)
[87] (WO1999/024404)
[30] US (60/064,953) 1997-11-07
[30] US (09/185,119) 1998-11-03

[11] **2,308,238**
[13] C

[51] **Int.Cl. 6A45D 1/04 6A45D 7/02**
[25] EN
[54] **HAIR SHAPING DEVICE AND HAIR SHAPING METHOD**
[54] **DISPOSITIF ET TECHNIQUE DE MISE EN PLIS**
[72] RUPPERT, PETER, DE
[72] SCHAEFER, NORBERT, DE
[72] JANOUCH, PETER, DE
[72] KERN, HEINZ, DE
[73] BRAUN GMBH, DE
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[87] (WO1999/022622)
[30] DE (197 48 067.5) 1997-10-31

[11] **2,308,398**
[13] C

[51] **Int.Cl. 6H04N 9/475 6H04N 5/05 6H04J 3/06**
[25] EN
[54] **SYSTEM AND METHOD FOR MAINTAINING TIMING SYNCHRONIZATION IN A DIGITAL VIDEO NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT DE MAINTENIR LE SYNCHRONISME DES SIGNAUX DANS UN RESEAU VIDEO NUMERIQUE**
[72] ESHLEMAN, MATTHEW A., US
[72] DUNN, BRYAN W., US
[72] LAWRENCE, PETER H., US
[73] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2000-05-03
[86] 1998-11-04 (PCT/US1998/023546)
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[30] US (60/064,153) 1997-11-04

[11] **2,311,902**
[13] C

[51] **Int.Cl. 6H01L 21/24 6H01L 29/06**
[25] EN
[54] **FINE PROTUBERANCE STRUCTURE AND METHOD OF PRODUCTION THEREOF**
[54] **STRUCTURE A PROTUBERANCES FINES ET SON PROCEDE DE FABRICATION**
[72] WAKAYAMA, YUTAKA, JP
[72] TANAKA, SHUN-ICHIRO, JP
[73] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[11] **2,311,904**
[13] C

[51] **Int.Cl. 7E04C 2/10 7E04B 5/00**
[25] EN
[54] **LONG LASTING DECK PRODUCT**
[54] **PRODUIT DE PLATELAGE**
DURABLE
[72] GUSLER, JAY, US
[73] GUSLER, JAY, US
[22] 2000-06-19
[30] US (09/336,223) 1999-06-18

[11] **2,313,000**
[13] C

[51] **Int.Cl. 7G07D 13/00 7B65H 29/18**
[25] EN
[54] **BANK-NOTE PROCESSING**
DEVICE
[54] **DISPOSITIF DE TRAITEMENT DE**
BILLETS DE BANQUE
[72] HATAMACHI, TADASHI, JP
[72] YAMAGISHI, NOBORU, JP
[72] ITO, YUKIO, JP
[72] KODAMA, YASUYUKI, JP
[73] KABUSHIKI KAISHA NIPPON
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[87] (WO2000/021042)
[30] JP (10/284518) 1998-10-06

[11] **2,313,292**
[13] C

[51] **Int.Cl. 7F16J 15/08 7F16J 9/00 7F16J**
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[25] EN
[54] **COMPLIANT HIGH**
TEMPERATURE SEALS FOR
DISSIMILAR MATERIALS
[54] **JOINTS D'ETANCHEITE SOUPLES**
HAUTE TEMPERATURE POUR
MATERIAUX DISSEMBLABLES
[72] TAYLOR, DALE M., US
[72] TRESSLER, RICHARD ERNEST, US
[72] MINFORD, ERIC, US
[72] RYNDERS, STEVEN WALTON, US
[73] AIR PRODUCTS AND CHEMICALS,
INC., US
[22] 2000-06-30
[30] US (09/349,039) 1999-07-07

[11] **2,316,950**
[13] C

[51] **Int.Cl. 6H04N 7/64 6H04N 7/30**
[25] EN
[54] **IMAGE ENCODER AND IMAGE**
DECODER LIMITING ENCODED DATA
WITH RESPECT TO FREQUENCY
DOMAINS
[54] **DECODEUR ET CODEUR**
D'IMAGE LIMITANT LES DONNEES
CODEES AUX DOMAINES DE
FREQUENCES
[72] OGAWA, FUMINOBU, JP
[72] ISU, YOSHIMI, JP
[72] ASAI, KOHTARO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[72] KURODA, SHINICHI, JP
[72] NISHIKAWA, HIROFUMI, JP
[72] HASEGAWA, YURI, JP
[72] YAMADA, YOSHIHISA, JP
[73] MITSUBISHI DENKI KABUSHIKI
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[11] * **2,317,080**
[13] C

[51] **Int.Cl. 7G06F 9/30 7G06F 9/312**
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[54] **FACILITATION OF REGISTER**
UPDATES IN AN OUT-OF-ORDER
PROCESSOR
[54] **FACILITATION DES MISES A**
JOUR D'UN REGISTRE DANS UN
PROCESSEUR EN DERANGEMENT
[72] OLSON, CHRISTOPHER HANS, US
[72] MCDONALD, ROBERT GREG, US
[72] LIU, PEICHUN PETER, US
[73] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[22] 2000-08-28
[30] US (09/417,824) 1999-10-14

[11] **2,318,154**
[13] C

[51] **Int.Cl. 6E06B 3/54 6E04B 2/96**
[25] EN
[54] **A GLAZING ASSEMBLY**
[54] **ENSEMBLE VITRAGE**
[72] KENNY, SIMON JOSEPH, IE
[72] O'GORMAN, DANIEL PATRICK, IE
[73] KENNY, SIMON JOSEPH, IE
[85] 2000-07-13
[86] 1999-01-19 (PCT/IE1999/000002)
[87] (WO1999/036655)
[30] IE (980035) 1998-01-19
[30] IE (980357) 1998-05-12

[11] **2,320,005**
[13] C

[51] **Int.Cl. 7A61F 5/44**
[25] EN
[54] **DISPOSABLE URINE RETAINING**
BAG FOR ADULT MAN
[54] **SAC JETABLE SERVANT A**
RETENIR L'URINE D'UNE PERSONNE
ADULTE
[72] KURITA, NORIYUKI, JP
[72] WADA, ICHIRO, JP
[72] ABE, KOZO, JP
[73] UNI-CHARM CORPORATION, JP
[22] 2000-09-20
[30] JP (11-267692) 1999-09-21
[30] JP (11-328138) 1999-11-18

[11] **2,320,524**
[13] C

[51] **Int.Cl. 7A01D 47/00**
[25] EN
[54] **ADJUSTMENT OF A PICKUP REEL**
OF A CROP HARVESTING HEADER
[54] **REGLAGE D'UN ROULEAU**
PRENEUR DE TETE DE
MOISSONNEUSE
[72] FOX, THOMAS RUSSELL, CA
[73] MACDON INDUSTRIES LTD., CA
[22] 2000-09-22

[11] **2,321,801**
[13] C

[51] **Int.Cl. 7A01B 35/16**
[25] EN
[54] **SOIL LABORING TOOL**
[54] **OUTIL POUR TRAVAILLER LE**
SOL
[72] KOSTRUN, BRUNO ROMEO, AR
[73] INGERSOLL ARGENTINA S.A., AR
[22] 2000-09-28
[30] AR (M 99 01 05030) 1999-10-04

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[13] C

[51] Int.Cl. 6G06F 17/00
[25] EN
[54] INPUT/LOSS METHOD FOR DETERMINING FUEL FLOW, CHEMISTRY, HEATING VALUE AND PERFORMANCE OF A FOSSIL-FIRED SYSTEM
[54] MISE EN SERVICE D'UN SYSTEME THERMIQUE ALIMENTE PAR UN COMBUSTIBLE FOSSILE
[72] LANG, FRED D., US
[73] EXERGETIC SYSTEMS, LLC, US
[85] 2000-09-25
[86] 1999-03-22 (PCT/US1999/004265)
[87] (WO1999/049399)
[30] US (09/047,198) 1998-03-24

[11] 2,328,840
[13] C

[51] Int.Cl. 7H04M 11/06 7H04L 29/06 7H04L 12/66
[25] EN
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[54] CONTROLEUR TELEPHONIQUE POUR VOIP
[72] KOBAYASHI, YOSHIKAZU, JP
[73] NEC INFRONTIA CORPORATION, JP
[22] 2000-12-19
[30] JP (362852/1999) 1999-12-21

[11] 2,329,933
[13] C

[51] Int.Cl. 7G01F 1/66
[25] EN
[54] ULTRASONIC MULTI-CHANNEL FLOW MEASURING METHOD
[54] METHODE DE MESURE DU DEBIT ULTRASONIQUE MULTI-CANAU
[72] SU, TYAN KHAK, CA
[73] SU, TYAN KHAK, CA
[73] INTERNATIONAL HYDROSONIC CO., LTD., KR
[73] HYDROSONIC INTERNATIONAL CO., LTD., CA
[22] 2000-12-29
[30] KR (2000-54334) 2000-09-15

[11] 2,330,430
[13] C

[51] Int.Cl. 6G01S 13/34
[25] EN
[54] FM-CW RADAR
[54] RADAR A ONDES CONTINUES MODULEES EN FREQUENCE
[72] YAMADA, YUKINORI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2000-10-27
[86] 1999-03-24 (PCT/JP1999/001484)
[87] (WO1999/056147)
[30] JP (10/118584) 1998-04-28

[11] 2,330,493
[13] C

[51] Int.Cl. 7F16K 35/00 7F15B 13/01 7F16K 35/14
[25] EN
[54] CROSSFLOW WITH CROSSMIRROR AND LOCK OUT CAPABILITY VALVE
[54] SYSTEME DE COMMANDE A SOUPAPES PARALLELES INTERCONNECTEES A EFFET MIROIR POUR LE VERROUILLAGE AUTOMATIQUE EN POSITION DESACTIVEE
[72] RUSSELL, NEIL E., US
[72] WOLFE, C. BRIAN, US
[72] MATHIS, LOGAN H., US
[73] ROSS OPERATING VALVE COMPANY, US
[22] 1997-11-12
[62] 2,220,919
[30] US (770,878) 1996-12-20
[30] US (60/033,016) 1996-12-16

[11] 2,331,904
[13] C

[51] Int.Cl. 7G01V 3/32 7G01V 13/00
[25] EN
[54] DETECTING TOOL MOTION EFFECTS ON SPIN ECHOES OBTAINED WITH NUCLEAR MAGNETIC RESONANCE MEASUREMENTS
[54] EFFETS DU MOUVEMENT D'OUTILS DE DETECTION SUR LES ECHOS DE SPIN OBTENUS PAR DES MESURES DE RESONANCE MAGNETIQUE NUCLEAIRE
[72] SPEIER, PETER, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[22] 2001-01-22
[30] US (09/495,606) 2000-02-01

[11] 2,332,292
[13] C

[51] Int.Cl. 7F17D 1/14
[25] EN
[54] DELIVERY OF EMULSION EXPLOSIVE COMPOSITIONS THROUGH AN OVERSIZED DIAPHRAGM PUMP
[54] EMULSION DE COMPOSES EXPLOSIFS PAR POMPE SURDIMENSIONNEE A DIAPHRAGME
[72] ATKINSON, KERRY S., US
[72] HALANDER, JOHN B., US
[73] DYNO NOBEL INC., US
[22] 2001-01-26
[30] US (09/505,841) 2000-02-17

[11] 2,334,627
[13] C

[51] Int.Cl. 7H05B 33/02 7H05K 1/03 7H05B 33/10 7H05B 33/22
[25] EN
[54] COMPOSITE SUBSTRATE, THIN-FILM ELECTROLUMINESCENT DEVICE USING THE SUBSTRATE, AND PRODUCTION PROCESS FOR THE DEVICE
[54] SUBSTRAT COMPOSITE, ELEMENT ELECTROLUMINESCENT A COUCHE MINCE UTILISANT LEDIT SUBSTRAT, ET PROCEDE DE FABRICATION CORRESPONDANT
[72] NOMURA, TAKESHI, JP
[72] TAKAYAMA, SUGURU, JP
[72] TAKEISHI, TAKU, JP
[72] IWANAGA, DAISUKE, JP
[72] NAGANO, KATSUTO, JP
[72] NAKANO, YUKIE, JP
[73] TDK CORPORATION, JP
[85] 2000-12-07
[86] 2000-04-06 (PCT/JP2000/002232)
[87] (WO2000/062582)
[30] JP (11/99994) 1999-04-07
[30] JP (2000/59533) 2000-03-03

[11] 2,335,675
[13] C

[51] Int.Cl. 7A61H 15/00
[25] EN
[54] AN ELASTIC MASSAGE DEVICE
[54] DISPOSITIF DE MASSAGE ELASTIQUE
[72] CHEN, KUO-CHIN, CN
[73] CHEN, KUO-CHIN, CN
[22] 2001-02-12

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[13] C

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[25] EN
[54] **SYNTHESIS OF STABLE WATER-SOLUBLE CHEMILUMINESCENT 1,2-DIOXETANES AND INTERMEDIATES THEREFOR**
[54] **SYNTHESE DE 1,2-DIOXOETANES HYDROSOLUBLES STABLES ET CHIMILUMINESCENTS, ET LEURS INTERMEDIAIRES**
[72] EDWARDS, BROOKS, US
[72] JUO, ROUH-RONG, US
[73] TROPIX, INC., US
[22] 1990-09-04
[62] 2,035,029
[30] US (402,847) 1989-09-06
[30] US (574,784) 1990-08-30
[30] WO (PCT/US 90/04919) 1990-09-04

[11] **2,342,381**
[13] C

[51] **Int.Cl. 7E05C 3/06**
[25] EN
[54] **ANTI-RATTLE STRUCTURE FOR DOOR HANDLE**
[54] **STRUCTURE ANTIVIBRATIONS POUR POIGNEE DE PORTE**
[72] MIKENIS, MARK R., US
[72] HLAVACEK, CONRAD E., US
[72] CARLSON, SVEN E., US
[72] BOWDEN, PATRICK J., US
[72] BOONE, DONALD T., US
[73] ILLINOIS TOOL WORKS INC., US
[22] 2001-03-28
[30] US (09/559,891) 2000-04-26

[11] **2,342,557**
[13] C

[51] **Int.Cl. 7H04M 19/00**
[25] EN
[54] **CONSTANT CURRENT LINE CIRCUIT WITH CLASS FEATURES**
[54] **CIRCUIT DE LIGNE A COURANT CONSTANT AVEC FONCTIONS CLASS**
[72] SETO, CHUK, CA
[73] MITEL NETWORKS CORPORATION, CA
[22] 2001-03-29
[30] GB (0007841.0) 2000-03-31

[11] **2,342,655**
[13] C

[51] **Int.Cl. 7G06F 19/00 7G06F 17/60**
[25] EN
[54] **METHOD OF GENERATING WALL-THICKNESS THINNING PREDICTION INFORMATION, AND COMPUTER-READABLE RECORDING MEDIUM STORING WALL-THICKNESS THINNING PREDICTION PROGRAM, AND METHOD OF PLANNING PIPING WORK PLAN**
[54] **METHODE POUR GENERER DE L'INFORMATION SERVANT A PREDIRE L'AMINCISSEMENT DE L'EPAISSEUR D'UNE PAROI, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR STOCKANT LE PROGRAMME SERVANT APREDIRE L'AMINCISSEMENT DE L'EPAISSEUR D'UNE PAROI, ET METHODE DE PREPARATION D'UN PLAN DE TRAVAIL POUR DE LA TUYAUTERIE**
[72] NOUJIMA, MASAFUMI, JP
[72] AOIKE, SATORU, JP
[72] UTAKA, KENJI, JP
[72] HISATSUNE, MASAKAZU, JP
[72] TAKEUCHI, CHIKARA, JP
[72] TAKADA, MASATOSHI, JP
[72] ARAKI, KENJI, JP
[73] HITACHI, LTD., JP
[22] 2001-04-02
[30] JP (2000-101188) 2000-03-31
[30] JP (2000-286849) 2000-09-18

[11] **2,343,186**
[13] C

[51] **Int.Cl. 6C04B 2/00 6A01N 59/06 6C09K 3/32**
[25] EN
[54] **STABILIZED LIQUID LIME DISPERSION FOR SEWAGE TREATMENT**
[54] **DISPERSION DE CHAUX LIQUIDE STABILISEE POUR L'EPURATION DES EAUX USEES**
[72] HURST, LOUIS S., US
[73] NEW EEZY GRO, INC., US
[85] 2001-03-06
[86] 1998-10-26 (PCT/US1998/022602)
[87] (WO1999/021804)
[30] US (08/959,564) 1997-10-28

[11] **2,351,277**
[13] C

[51] **Int.Cl. 7F16K 11/00**
[25] EN
[54] **FAUCET ASSEMBLY**
[54] **ROBINET**
[72] CHANG, TA-CHUN, XX
[73] GLOBE UNION INDUSTRIAL CORP., XX
[22] 2001-06-22

[11] **2,351,910**
[13] C

[51] **Int.Cl. 7F24H 1/06 7F24H 1/10**
[25] EN
[54] **PORTABLE WARM WATER HEATER SYSTEM**
[54] **SYSTEME PORTATIF DE CHAUFFE-EAU**
[72] WINTER, KEN S., CA
[72] WINTER, ROGER S., CA
[73] WINTER, KEN S., CA
[73] WINTER, ROGER S., CA
[22] 2001-06-26
[30] US (09/871,141) 2001-05-31

[11] **2,353,255**
[13] C

[51] **Int.Cl. 7F02C 9/32**
[25] EN
[54] **GAS TURBINE PLANT AND METHOD OF CONTROLLING GAS TURBINE PLANT**
[54] **INSTALLATION A TURBINE A GAZ ET METHODE DE COMMANDE DE CETTE INSTALLATION**
[72] KOMIYAMA, HIROYA, JP
[72] NAGATA, SHOUICHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2001-07-18
[30] JP (2000-220814) 2000-07-21

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[13] C
[51] Int.Cl. 7B23P 15/00 7F16H 45/02
[25] EN
[54] PROCESS FOR PRODUCING FRICTION PLATE HAVING FLAT FRICTION SURFACE AND SYSTEM FOR PRODUCING THE SAME
[54] PROCESSUS ET SYSTEME DE FABRICATION DE PLAQUES DE FROTTEMENT AYANT UNE SURFACE DE FROTTEMENT PLANE
[72] TOBA, KENICHI, JP
[72] SHIMOI, HIROJI, JP
[73] KABUSHIKI KAISHA F.C.C., JP
[22] 2001-08-01
[30] JP (2000-238855) 2000-08-02

[11] 2,357,097
[13] C
[51] Int.Cl. 7E05B 47/00
[25] EN
[54] DOOR UNLOCKING SYSTEM
[54] SYSTEME DE DEVERROUILLAGE DE PORTE
[72] LAVERGNE, JEAN-GUY, CA
[73] LAVERGNE, JEAN-GUY, CA
[22] 2001-08-31
[30] CA (2,323,996) 2000-10-20
[30] US (09/893,900) 2001-06-29
[30] US (09/900,173) 2001-07-09

[11] 2,357,325
[13] C
[51] Int.Cl. 7B60N 2/26 7B60N 2/46
[25] EN
[54] JUVENILE SEAT ARMREST
[54] ACCOUDOIR POUR SIEGE D'ENFANT
[72] KAIN, JAMES M., US
[73] COSCO MANAGEMENT, INC., US
[22] 2001-09-13
[30] US (60/234,543) 2000-09-22
[30] US (09/871,199) 2001-05-31

[11] 2,357,658
[13] C
[51] Int.Cl. 7B65G 41/00
[25] EN
[54] GRANULAR MATERIAL TRANSFER CONVEYOR
[54] CONVOYEUR DE TRANSPORT DE MATIERES GRANULEES
[72] KOSOKOWSKY, MURRAY, CA
[72] LISCHYNSKI, KIMBALL, CA
[73] HIGHLINE MFG. INC., CA
[22] 2001-09-24

[11] 2,360,467
[13] C
[51] Int.Cl. 6B05B 1/26
[25] EN
[54] LIQUID IMPINGEMENT NOZZLE WITH PAIRED OPENINGS
[54] BUSE A JETS D'IMPACT PRESENTANT DEUX OUVERTURES
[72] HEDGER, JAMES E., US
[72] AKER, MARK, US
[72] HEDGER, THOMAS A., US
[73] GRAVES SPRAY SUPPLY, INC., US
[22] 2001-07-10
[86] 1999-04-12 (PCT/US1999/007959)
[87] (WO2000/041814)
[30] US (09/228,168) 1999-01-11
[30] US (09/277,678) 1999-03-26

[11] 2,360,521
[13] C
[51] Int.Cl. 7F16H 7/18
[25] EN
[54] TENSIONER DEVICE
[54] DISPOSITIF TENDEUR
[72] NAKAMURA, KENSUKE, JP
[72] TANAKA, ATSUSHI, JP
[72] KOJIMA, SADA0, JP
[72] KAMIYAMA, HIDEHIKO, JP
[72] MAEDA, HAJIME, JP
[72] YAMADA, SHINJI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[85] 2001-07-18
[86] 2000-10-27 (PCT/JP2000/007570)
[87] (WO2001/038757)
[30] JP (11-333328) 1999-11-24

[11] 2,368,133
[13] C
[51] Int.Cl. 7F28G 1/16
[25] EN
[54] METHOD FOR PREVENTING DETERIORATION OR REVERSING DETERIORATION OF HEAT EXCHANGE IN A HEAT EXCHANGER
[54] METHODE POUR PREVENIR LA DETERIORATION OU L'ACHANGE THERMIQUE DANS UN THERMOECHANGEUR
[72] AMMANN, FRANZ, DE
[72] STREIT, KLAUS, DE
[73] FRAMATOME ANP GMBH, DE
[22] 1996-12-11
[62] 2,192,638
[30] DE (19546788.4) 1995-12-14

[11] 2,371,218
[13] C
[51] Int.Cl. 7H04N 9/31 7G09B 9/32 7H04N 5/74
[25] EN
[54] IMAGE PROJECTOR
[54] PROJETEUR D'IMAGE
[72] HAMPEL-VOGEDES, BERNHARD, DE
[73] RHEINMETALL DEFENCE ELEKTRONICS GMBH, DE
[85] 2001-10-19
[86] 2000-04-14 (PCT/EP2000/003379)
[87] (WO2000/065846)
[30] DE (199 18 302.3) 1999-04-22

[11] 2,372,453
[13] C
[51] Int.Cl. 7D01F 6/58
[25] EN
[54] POLYPROPYLENE FIBER AND PREPARATION THEREOF
[54] FIBRE DE POLYPROPYLENE ET SA PREPARATION
[72] PARK, PYUNG YUL, KR
[72] CHEY, WON JUN, KR
[73] PARK, PYUNG YUL, KR
[85] 2001-10-30
[86] 2000-11-07 (PCT/KR2000/001270)
[87] (WO2001/034884)
[30] KR (1999-49610) 1999-11-10
[30] KR (2000-13319) 2000-03-16

[11] 2,380,311
[13] C
[51] Int.Cl. 7E21B 43/26 7C11D 1/02 7C11D 3/02 7C09K 7/02 7C11D 3/16 7C11D 1/66
[25] EN
[54] FLUIDS CONTAINING VISCOELASTIC SURFACTANT AND METHODS FOR USING THE SAME
[54] FLUIDES CONTENANT DES TENSIOACTIFS VISCOELASTIQUES ET LEURS METHODS D'UTILISATION
[72] DAHANAYAKE, MANILAL S., US
[72] DERIAN, PAUL-JOEL, US
[72] YANG, JIANG, US
[72] DINO, DAVID, US
[72] LI, RUOXIN, US
[72] NIU, JOSEPH H. Y., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[22] 1998-06-09
[62] 2,297,185
[30] US (60/049,045) 1997-06-10
[30] US (60/054,455) 1997-08-05

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[11] * 2,389,614
[13] C

[51] **Int.Cl. 7G09F 21/04 7G09F 7/04**
[25] EN
[54] **CARTOP SIGN
AFFICHE DE TOIT
D'AUTOMOBILE**
[72] ELDERBROOM, JOHN J., CA
[73] ELDERBROOM, JOHN J., CA
[22] 2002-07-02

[11] 2,395,527
[13] C

[51] **Int.Cl. 7H04N 5/91 7G11B 19/02**
[25] EN
[54] **COPY CONTROL FOR A VIDEO
SIGNAL WITH COPYRIGHT SIGNALS
SUPERIMPOSED AS
PREDETERMINED BITS IN THE VBI
DATA OF THE VIDEO SIGNAL**
[54] **CONTROLE DE LA DUPLICATION
DE SIGNAUX VIDEO AVEC SIGNAUX
DE DROITS D'AUTEUR
SUPERIMPOSES EN TANT QUE BYTES
PREDETERMINE DANS LES DONNEES
VBI DU SIGNAL VIDEO**
[72] TSUCHIYA, SATOSHI, JP
[72] KORI, TERUHIKO, JP
[72] EZAKI, TADASHI, JP
[72] KANOTA, KEIJI, JP
[73] SONY CORPORATION, JP
[22] 1994-03-31
[62] 2,120,380
[30] JP (P05-077044) 1993-04-02
[30] JP (P05-213206) 1993-08-27

[11] 2,402,558
[13] C

[51] **Int.Cl. 7B41J 2/175**
[25] EN
[54] **INK CONTAINER FOR INK JET
PRINTER, HOLDER FOR THE
CONTAINER CARRIAGE FOR THE
HOLDER AND INK JET PRINTER**
[54] **RESERVOIR D'ENCRE POUR
IMPRIMANTE A JET D'ENCRE,
SUPPORT POUR CE RESERVOIR,
CHARIOT POUR CE SUPPORT ET
IMPRIMANTE A JET D'ENCRE**
[72] KIDA, AKIRA, JP
[72] TSUKUDA, KEIICHIRO, JP
[72] YAMAGUCHI, HIDEKI, JP
[72] NAKAMURA, HITOSHI, JP
[72] KAWAKAMI, HIDEAKI, JP
[72] HIRAMATSU, SOICHI, JP
[72] INOUE, HIROYUKI, JP
[72] UJITA, TOSHIHIKO, JP
[72] YAMANAKA, AKIHIRO, JP
[72] IWASAKI, TAKESHI, JP
[72] SUGAMA, SADAYUKI, JP
[72] KOTAKI, YASUO, JP
[72] NOJIMA, TAKASHI, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1995-08-23
[62] 2,156,809
[30] JP (199809/1994) 1994-08-24
[30] JP (032347/1995) 1995-02-21
[30] JP (040814/1995) 1995-02-28
[30] JP (041107/1995) 1995-02-28

[11] 2,402,573
[13] C

[51] **Int.Cl. 7B41J 2/175**
[25] EN
[54] **INK CONTAINER FOR INK JET
PRINTER, HOLDER FOR THE
CONTAINER CARRIAGE FOR THE
HOLDER AND INK JET PRINTER**
[54] **RESERVOIR D'ENCRE POUR
IMPRIMANTE A JET D'ENCRE,
SUPPORT POUR CE RESERVOIR,
CHARIOT POUR CE SUPPORT ET
IMPRIMANTE A JET D'ENCRE**
[72] YAMANAKA, AKIHIRO, JP
[72] UJITA, TOSHIHIKO, JP
[72] KOTAKI, YASUO, JP
[72] SUGAMA, SADAYUKI, JP
[72] KIDA, AKIRA, JP
[72] INOUE, HIROYUKI, JP
[72] KAWAKAMI, HIDEAKI, JP
[72] IWASAKI, TAKESHI, JP
[72] YAMAGUCHI, HIDEKI, JP
[72] NOJIMA, TAKASHI, JP
[72] HIRAMATSU, SOICHI, JP
[72] NAKAMURA, HITOSHI, JP
[72] TSUKUDA, KEIICHIRO, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1995-08-23
[62] 2,156,809
[30] JP (199809/1994) 1994-08-24
[30] JP (032347/1995) 1995-02-21
[30] JP (040814/1995) 1995-02-28
[30] JP (041107/1995) 1995-02-28

[11] 2,406,204
[13] C

[51] **Int.Cl. 7F02B 17/00**
[25] EN
[54] **METHOD OF REDUCING
PARTICULATES AND ENHANCING
BURNING RATE WITHIN A
COMBUSTION CHAMBER**
[54] **METHODE DE REDUCTION DE LA
QUANTITE DES PARTICULES ET
D'AUGMENTATION DU TAUX DE
COMBUSTION DANS UNE CHAMBRE
DE COMBUSTION**
[72] HILL, PHILIP G., CA
[72] LI, GUOWEI, CA
[72] ZHANG, DEHONG, CA
[73] WESTPORT RESEARCH INC., CA
[22] 2002-10-02

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[11] **2,416,436**
[13] C

[51] **Int.Cl. 7B21B 41/00**
[25] EN
[54] **BAND PLATE WINDING SYSTEM**
[54] **SYSTEME D'EMBRAYAGE**
D'EMBOBINEUSE
[72] MIYAGUCHI, KANEHISA, JP
[72] SHIBATOMI, NOBUHIRO, JP
[73] MITSUBISHI HEAVY INDUSTRIES,
LTD., JP
[22] 1998-11-26
[62] 2,271,461
[30] JP (9-325678) 1997-11-27
[30] JP (9-359139) 1997-12-26
[30] JP (10-5315) 1998-01-14
[30] JP (10-16510) 1998-01-29
[30] JP (10-109002) 1998-04-20
[30] JP (10-190781) 1998-07-06

[11] **2,425,087**
[13] C

[51] **Int.Cl. 7B25H 3/04**
[25] EN
[54] **DOUBLE STACK RACK**
[54] **COFFRETS A OUTILS A DOUBLE**
RANGEE DE TIROIRS SUPERPOSES
[72] YANG, QINGHAO, BS
[73] GLOBAL INDUSTRIES HOLDINGS
LTD., BS
[22] 2003-04-10
[30] US (10/158,644) 2002-05-31

[11] **2,429,288**
[13] C

[51] **Int.Cl. 7B01D 61/06 7C02F 1/00**
7B01D 61/10
[25] EN
[54] **METHOD AND DEVICE FOR**
DESALTING WATER
[54] **PROCEDE ET DISPOSITIF DE**
DESSALEMENT DE L'EAU
[72] WOB BEN, ALOYS, DE
[73] WOB BEN, ALOYS, DE
[85] 2003-05-16
[86] 2001-07-18 (PCT/EP2001/008271)
[87] (WO2002/041979)
[30] DE (100 57 613.3) 2000-11-21

[11] **2,430,573**
[13] C

[51] **Int.Cl. 7B65D 55/02**
[25] EN
[54] **LOCKING MECHANISM FOR**
CONTAINER
[54] **MECANISME DE VERROUILLAGE**
DE CONTENEUR
[72] HOWES, DONALD E., CA
[73] WASTELINE RENTALS LTD., CA
[22] 2003-05-30

[11] **2,431,863**
[13] C

[51] **Int.Cl. 7G07B 15/00 7E05B 47/00**
[25] EN
[54] **ACCESS CONTROL PORTAL**
[54] **PORTAIL DE CONTROLE**
D'ACCES
[72] ZIELINSKI, MAREK A., CA
[73] THYSSEN ELEVATOR LIMITED, CA
[22] 2003-06-26

[11] **2,434,428**
[13] C

[51] **Int.Cl. 7B26B 13/02**
[25] EN
[54] **CUTTING DEVICE**
[54] **DISPOSITIF DE COUPE**
[72] CHORPASH, RAMA, US
[72] SPOOL, IRA, US
[72] CHAN, ERIC, US
[72] SILVER, WENDY L., US
[72] SILVER, MICHAEL I., US
[73] WENCO LLC, US
[22] 2001-04-04
[62] 2,392,651
[30] US (60/194,372) 2000-04-04

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[13] A1
[51] Int.Cl. 7B27L 7/00
[25] FR
[54] FENDEUSE A BOIS
HYDRAULIQUE MOBILE VERTICALE
AVEC CONVOYEUR
[54] VERTICAL MOBILE HYDRAULIC
WOOD SPLITTER WITH CONVEYOR
[72] LABELLE, YVES, CA
[71] LABELLE, YVES, CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,409,844**
[13] A1
[51] Int.Cl. 7A47J 45/10 7B25G 1/00
[25] EN
[54] HOUSEHOLD APPLIANCE
HANDLE COVER
[54] COUVRE-POIGNEE D'APPAREIL
MENAGER
[72] TOMPKINS, TONY, CA
[71] TOMPKINS, TONY, CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,409,847**
[13] A1
[51] Int.Cl. 7E02F 5/20 7B60D 7/00
[25] EN
[54] L.G. MINUT ATTACHMENT FOR
HAND HELD POWER AUGER
[54] ACCESSOIRE FIN L. G. POUR
TARIERE MANUELLE A MOTEUR
[72] GAUDRY, LORNE J., CA
[71] GAUDRY, LORNE J., CA
[22] 2002-11-21
[41] 2004-05-21

[21] **2,409,953**
[13] A1
[51] Int.Cl. 7E06B 9/52 7E06B 9/24
[25] EN
[54] SCREEN FRAME STRUCTURE
AND INSTALLATION SYSTEM
[54] STRUCTURE DE BATI D'ECRAN
ET SYSTEME D'INSTALLATION
[72] SHCHUPAK, ERNEST G., CA
[71] SHCHUPAK, ERNEST G., CA
[22] 2002-11-19
[41] 2004-05-19

[21] **2,409,954**
[13] A1
[51] Int.Cl. 7A63C 5/07 7A63C 9/00
7A63C 5/04
[25] EN
[54] SKI HAVING A VARIABLE
BENDING RIGIDITY
[54] SKI A RIGIDITE DE COURBURE
VARIABLE
[72] HEUVEL, JOHAN G. F., CA
[71] HEUVEL, JOHAN G. F., CA
[22] 2002-11-22
[41] 2004-05-22

[21] **2,409,957**
[13] A1
[51] Int.Cl. 7A45F 5/00 7A45F 3/16
[25] EN
[54] THE LANYARD NECK STRAP ALL
SIZE BOTTLED WATER HOLDER
[54] PORTE-BOUTEILLE D'EAU DE
TOUTES DIMENSIONS AVEC
COURROIE DE COU
[72] PERETZ, RUN, CA
[72] PABLO, GERARDO, CA
[71] PERETZ, RUN, CA
[71] PABLO, GERARDO, CA
[22] 2002-11-19
[41] 2004-05-19

[21] **2,410,045**
[13] A1
[51] Int.Cl. 7E04C 2/12 7E04B 1/76
[25] FR
[54] BILLE EN BOIS MASSIF ISOLEE
[54] INSULATED SOLID TIMBER LOG
[72] CHABOT, MARIO, CA
[71] CHABOT, MARIO, CA
[22] 2002-11-21
[41] 2004-05-21

[21] **2,410,048**
[13] A1
[51] Int.Cl. 7H04L 12/16
[25] FR
[54] PROCESSUS PERMETTANT A DES
ORGANISMES ET ORGANISATIONS,
SEULS OU A L'INTERIEUR D'UNE
GRAPPE DE SERVICES, D'ACQUERIR
DES INFORMATIONS AUPRES DE
LEUR CLIENTELE DANS LE CADRE
D'UNE PRESTATION ELECTRONIQUE
DE SERVICE COMPLETE INTEGREE
ET CECI SANS AVOIR A CONVERTIR
LEURS FORMULAIRES (PAPIER OU
ELECTRONIQUE) EXISTANTS
[54] PROCESS ENABLING AGENCIES
AND ORGANIZATIONS,
INDIVIDUALLY OR AS PART OF A
CLUSTER OF SERVICES, TO OBTAIN
INFORMATION FROM THEIR
CLIENTS IN THE CONTEXT OF
PROVIDING A COMPLETE,
INTEGRATED ELECTRONIC
SERVICE, WITHOUT HAVING TO
CONVERT THEIR EXISTING (PAPER
OR ELECTRONIC) FORMS
[72] MAURIS, ALAIN, CA
[72] CASTELNERAC, FRANCOIS, CA
[72] PATRY, LOUIS-CYR, CA
[71] MAURIS, ALAIN, CA
[71] CASTELNERAC, FRANCOIS, CA
[71] PATRY, LOUIS-CYR, CA
[22] 2002-11-20
[41] 2004-05-20

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[21] **2,410,102**
[13] A1
[51] **Int.Cl. 7G08G 1/0962 7B60R 16/02**
[25] EN
[54] **FAST TRACK**
[54] **DETECTEUR DE LIMITE DE VITESSE**
[72] VOS, ANDY, CA
[72] BOISVERT, ALBERT J.S., CA
[71] VOS, ANDY, CA
[71] BOISVERT, ALBERT J.S., CA
[22] 2002-11-21
[41] 2004-05-21

[21] **2,410,104**
[13] A1
[51] **Int.Cl. 7G09B 21/00 7G08B 6/00**
[25] EN
[54] **THERMAL BRAILLE SYSTEM AND ELECTRIC BRAILLE SYSTEM**
[54] **SYSTEME BRAILLE THERMIQUE ET SYSTEME BRAILLE ELECTRIQUE**
[72] KERBER, THOMAS, CA
[71] KERBER, THOMAS, CA
[22] 2002-11-21
[41] 2004-05-21

[21] **2,410,106**
[13] A1
[51] **Int.Cl. 7A63F 9/10 7A63F 9/12**
[25] FR
[54] **PIECES DE PUZZLE CHIFFREES ET LETTRES**
[54] **NUMBERED AND LETTERED PUZZLE PIECES**
[72] COURTEAU, HUGUES, CA
[71] COURTEAU, HUGUES, CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,410,108**
[13] A1
[51] **Int.Cl. 7B63B 35/71 7B63H 16/08**
[25] FR
[54] **VELOCANO**
[54] **VELOCANO**
[72] VERNIER, ANDRE, CA
[71] VERNIER, ANDRE, CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,410,111**
[13] A1
[51] **Int.Cl. 7B60P 7/12**
[25] FR
[54] **DISPOSITIF DE RETENUE SUR PALETTES**
[54] **PALLET HOLDING DEVICE**
[72] SIMARD, ANDRE, CA
[71] SIMARD, ANDRE, CA
[22] 2002-11-19
[41] 2004-05-19

[21] **2,410,115**
[13] A1
[51] **Int.Cl. 7F24J 2/04 7H01L 31/042 7F24J 2/38 7F24J 2/46**
[25] EN
[54] **A.B.I.D. SOLAR COLLECTOR**
[54] **CAPTEUR SOLAIRE A.B.I.D.**
[72] JOHNSON, TIMOTHY J., CA
[71] JOHNSON, TIMOTHY J., CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,410,130**
[13] A1
[51] **Int.Cl. 7B05C 17/005 7B29C 73/02**
[25] EN
[54] **MULTI-INJECTION HEAD FOR WINDSHIELD CHIP AND CRACK REPAIR**
[54] **BUSE MULTI-INJECTION POUR LA REPARATION DES PARE-BRISE ECAILLES ET CRIQUES**
[72] EVANS, TIMOTHY D., US
[71] EVANS, TIMOTHY D., US
[22] 2002-11-19
[41] 2004-05-19

[21] **2,410,142**
[13] A1
[51] **Int.Cl. 7G06F 19/00 7G06F 17/00**
[25] EN
[54] **SYSTEM FOR PROVIDING EMERGENCY SITE INFORMATION**
[54] **SYSTEME FOURNISSANT DE L'INFORMATION SUR LES LIEUX DE SINISTRES**
[72] DUBEAU, CAROLE H., CA
[72] DUBEAU, RICHARD J., CA
[71] DUBEAU, CAROLE H., CA
[71] DUBEAU, RICHARD J., CA
[22] 2002-11-22
[41] 2004-05-22

[21] **2,410,144**
[13] A1
[51] **Int.Cl. 7A62B 1/00**
[25] EN
[54] **EMERGENCY ESCAPE SYSTEM**
[54] **SYSTEME D'EVACUATION D'URGENCE**
[72] PATTERSON, MICHAEL R., CA
[71] PATTERSON, MICHAEL R., CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,410,348**
[13] A1
[51] **Int.Cl. 7A01K 89/015 7A01K 89/02**
[25] EN
[54] **FISHING REEL WITH STATIONARY SPOOL**
[54] **MOULINET MUNI D'UNE BOBINE FIXE**
[72] TYRANOWSKI, MARIUSZ ANDRZEJ, PL
[71] TYRANOWSKI, MARIUSZ ANDRZEJ, PL
[22] 2002-11-18
[41] 2004-05-18

[21] **2,410,361**
[13] A1
[51] **Int.Cl. 7B66C 23/36**
[25] EN
[54] **PORTABLE TELESCOPIC CRANE AND CARRIER APPARATUS WITH TRAILER**
[54] **GRUE TELESCOPIQUE TRANSPORTABLE ET APPAREIL DE TRANSPORT AVEC REMORQUE**
[72] FOSSBERG, PAUL, CA
[71] FOSSBERG, PAUL, CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,410,373**
[13] A1
[51] **Int.Cl. 7G09F 19/12 7B44F 1/06**
[25] EN
[54] **THE IMAGE ILLUMINATOR**
[54] **ILLUMINATEUR D'IMAGE**
[72] KWIECIEN, JACEK, CA
[72] KAMIL, NIZNIK, CA
[71] KWIECIEN, JACEK, CA
[71] KAMIL, NIZNIK, CA
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[13] A1

[51] **Int.Cl. 7A45F 5/02 7A45F 3/16**
[25] EN
[54] **THE CLIP-ON BELT ALL SIZE BOTTLED WATER HOLDER**
[54] **PORTE-BOUEILLE-D'EAU TOUTES DIMENSIONS ENCLIPSABLE A UNE CEINTURE**
[72] PABLO, GERARDO, CA
[71] PABLO, GERARDO, CA
[22] 2002-11-19
[41] 2004-05-19

[21] **2,411,772**
[13] A1

[51] **Int.Cl. 7E03D 9/04**
[25] EN
[54] **ATTWOOD CLEAN AIR TOILET**
[54] **TOILETTE A SYSTEME D'EPURATION D'AIR ATTWOOD**
[72] ATTWOOD, J. L., CA
[71] ATTWOOD, J. L., CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,411,986**
[13] A1

[51] **Int.Cl. 7A47C 7/54**
[25] EN
[54] **ARMREST SUPPORT**
[54] **SUPPORT D'ACCOUDOIR**
[72] MARINI, CONRAD M., CA
[71] MARINI, CONRAD M., CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,412,001**
[13] A1

[51] **Int.Cl. 7G06F 9/40**
[25] EN
[54] **SYSTEM AND METHOD FOR MANIPULATING MULTIPLE CLIP ITEMS OF DATA**
[54] **SYSTEME ET METHODE DE MANIPULATION DE SEQUENCES MULTIPLES DE DONNEES**
[72] MUTZKE, RICHARD, CA
[72] DELOREY, DAVID, CA
[72] CREASOR, MONTE, CA
[72] SLAUNWHITE, DONALD, CA
[71] COREL CORPORATION, CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,412,028**
[13] A1

[51] **Int.Cl. 7F24J 2/38 7E04B 7/16 7F24J 2/54**
[25] EN
[54] **SUN TRACKING PANEL FOR A SOLAR HOUSE AND A SOLAR HOUSE EQUIPPED WITH THE SUN TRACKING PANEL**
[54] **PANNEAU DE POURSUITE DU SOLEIL POUR MAISON SOLAIRE ET MAISON SOLAIRE EQUIPEE DE CE PANNEAU**
[72] SZYMOCHA, KAZIMIERZ, CA
[71] ALBERTA RESEARCH COUNCIL, INC., CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,412,044**
[13] A1

[51] **Int.Cl. 7B60T 8/24**
[25] EN
[54] **BRAKE AUXILIARY DEVICE**
[54] **DISPOSITIF AUXILIAIRE DE FREIN**
[72] SU, CHIANG-SHUI, CN
[71] SU, CHIANG-SHUI, CN
[22] 2002-11-19
[41] 2004-05-19

[21] **2,412,063**
[13] A1

[51] **Int.Cl. 7A61F 2/24**
[25] EN
[54] **BIOMECHANICAL HEART VALVE PROSTHESIS AND METHOD FOR MAKING SAME**
[54] **PROTHESE DE VALVULE CARDIAQUE BIOMECHANIQUE ET METHODE DE FABRICATION**
[72] GABBAY, SHLOMO, US
[71] GABBAY, SHLOMO, US
[22] 2002-11-18
[41] 2004-05-18

[21] **2,412,066**
[13] A1

[51] **Int.Cl. 7B29C 47/88 7B29C 47/08**
[25] EN
[54] **PIPE MOLDING APPARATUS WITH MOLD TUNNEL AIR TURBULENCE**
[54] **APPAREIL DE MOULAGE DE TUYAUX A TURBULENCE D'AIR DANS LE TUNNEL DE MOULAGE**
[72] LUPKE, STEFAN A., CA
[72] LUPKE, MANFRED A. A., CA
[71] LUPKE, STEFAN A., CA
[71] LUPKE, MANFRED A. A., CA
[22] 2002-11-18
[41] 2004-05-18

[21] **2,412,073**
[13] A1

[51] **Int.Cl. 7A01G 9/02**
[25] EN
[54] **PLANT GROWING APPARATUS**
[54] **APPAREIL DE CULTURE**
[72] MARCHILDON, TED, CA
[71] STOREY, BETTY, CA
[71] MARCHILDON, TED, CA
[22] 2002-11-19
[41] 2004-05-19

[21] **2,412,076**
[13] A1

[51] **Int.Cl. 7B62D 55/24**
[25] EN
[54] **ENDLESS TRACK BELT PROFILE**
[54] **PROFIL DE CHENILLE**
[72] DANDURAND, JULES, CA
[71] CAMOPLAST INC., CA
[22] 2002-11-19
[41] 2004-05-19

[21] **2,412,095**
[13] A1

[51] **Int.Cl. 7F16F 15/04**
[25] EN
[54] **AIR COMPRESSOR WITH SHOCK-ABSORPTION RUBBER STRIPS AT A BOTTOM THEREOF**
[54] **COMPRESSEUR D'AIR AVEC BANDES DE CAOUTCHOUC AMORTISSEUSES SUR LE DESSOUS**
[72] HUNG, VICTOR, XX
[71] SHINN FU CORPORATION, XX
[22] 2002-11-19
[41] 2004-05-19

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[21] **2,412,097**
[13] A1
[51] **Int.Cl. 7F16F 15/04**
[25] EN
[54] **VIBRATION AND
DISPLACEMENT-PROOF AIR
COMPRESSOR**
[54] **COMPRESSEUR D'AIR A
L'EPREUVE DES VIBRATIONS ET DES
DEPLACEMENTS**
[72] HUNG, VICTOR, XX
[71] SHINN FU CORPORATION, XX
[22] 2002-11-19
[41] 2004-05-19

[21] **2,412,140**
[13] A1
[51] **Int.Cl. 7B60L 5/04**
[25] EN
[54] **TIP ASSEMBLY FOR OVERHEAD
STREETCAR LINE**
[54] **EMBOU DE PANTOGRAPHE DE
TRAMWAY**
[72] GREEN, RICHARD, CA
[71] FCI AMERICAS TECHNOLOGY,
INC., US
[22] 2002-11-19
[41] 2004-05-19

[21] **2,412,182**
[13] A1
[51] **Int.Cl. 7B62D 55/24**
[25] EN
[54] **ENDLESS TRACK FOR
INDUSTRIAL OR AGRICULTURAL
VEHICLES**
[54] **CHENILLE POUR VEHICULE
INDUSTRIEL OU AGRICOLE**
[72] GAGNE, LUCIE, CA
[72] LUSSIER, ALAIN, CA
[71] CAMOPLAST INC., CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,117**
[13] A1
[51] **Int.Cl. 7F23D 14/84**
[25] FR
[54] **BRULEUR A GAZ ET APPAREIL
DE CUISSON UTILISANT UN TEL
BRULEUR**
[54] **GAS BURNER AND COOKING
DEVICE THAT USES SUCH A BURNER**
[72] DANE, BERNARD, FR
[71] SOURDILLON, FR
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,174**
[13] A1
[51] **Int.Cl. 7E04B 1/343 7E04B 1/00
7E04B 2/00 7E04C 2/292 7E04B 1/348**
[25] EN
[54] **MODULAR BUILDING
APPARATUS AND METHOD**
[54] **SYSTEME ET METHODE DE
CONSTRUCTION DE BATIMENTS
MODULAIRES**
[72] YEO, HENRY, CA
[72] SAYEED, SALMAN, CA
[72] RAUMA, JORMA, CA
[71] MINAEAN VENTURES INC., CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,206**
[13] A1
[51] **Int.Cl. 7G01N 33/567 7G01N 21/64**
[25] EN
[54] **METHOD OF TESTING
PHOTOSYNTHETIC ACTIVITIES**
[54] **METHODE POUR TESTER DES
ACTIVITES PHOTOSYNTHETIQUES**
[72] LORRAIN, LUCIE, CA
[72] BOUCHER, NATHALIE, CA
[72] BELLEMARE, FRANCOIS, CA
[71] LABBELL INC., CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,139**
[13] A1
[51] **Int.Cl. 7G09B 7/00 7G06F 19/00
7H04L 12/16**
[25] EN
[54] **SYSTEM AND METHOD FOR
DISTANCE LEARNING**
[54] **SYSTEME ET METHODE
D'APPRENTISSAGE A DISTANCE**
[72] CHRISTENSEN, THOMAS K., US
[72] GALE, SEAN D., US
[72] ROWLEY, DAVID D., US
[72] JENKINS, CRAIG R., US
[72] FISCHER, JEFFREY A., US
[71] NOVELL, INC., US
[22] 2002-11-19
[41] 2004-05-19

[21] **2,412,175**
[13] A1
[51] **Int.Cl. 7B62D 55/14**
[25] EN
[54] **MID-ROLLER WHEELS FOR
ENDLESS DRIVE TRACK SYSTEM**
[54] **ROUES INTERMEDIAIRES POUR
CHENILLES**
[72] LUSSIER, ALAIN, CA
[72] LAVOIE, DENYS, CA
[71] CAMOPLAST INC., CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,209**
[13] A1
[51] **Int.Cl. 7F01C 1/107**
[25] EN
[54] **MOINEAU STATOR**
[54] **STATOR MOINEAU**
[72] KAISER, TRENT MICHAEL VICTOR,
CA
[72] SLACK, MAURICE WILLIAM, CA
[72] DALL'ACQUA, DANIEL, CA
[71] NOETIC ENGINEERING INC., CA
[22] 2002-11-19
[41] 2004-05-19

[21] **2,412,176**
[13] A1
[51] **Int.Cl. 7B62D 55/24**
[25] EN
[54] **ENDLESS TRACK FOR TRACK-
TYPE VEHICLES**
[54] **CHENILLE POUR VEHICULE
CHENILLE**
[72] LUSSIER, ALAIN, CA
[72] LAVOIE, DENYS, CA
[71] CAMOPLAST INC., CA
[22] 2002-11-20
[41] 2004-05-20

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[21] **2,412,244**
[13] A1

[51] **Int.Cl. 7A47F 3/04 7A61L 2/18**
[25] EN
[54] **SANITATION SYSTEM FOR REFRIGERATED FIXTURE HAVING AN AIR CURTAIN**
[54] **SYSTEME SANITAIRE POUR APPAREIL REFRIGERE COMPRENANT UN RIDEAU D'AIR**
[72] SMITH, BRIAN, CA
[72] FIFE, JACK, CA
[72] WEBER, GARVIN, CA
[71] SMITH, BRIAN, CA
[71] FIFE, JACK, CA
[71] WEBER, GARVIN, CA
[22] 2002-11-21
[41] 2004-05-21

[21] **2,412,251**
[13] A1

[51] **Int.Cl. 7B67D 5/01**
[25] EN
[54] **LIQUID DISPENSING DEVICE**
[54] **DISTRIBUTEUR DE LIQUIDE**
[72] ZYWICKI, EUGENE E., CA
[71] ZYWICKI, EUGENE E., CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,253**
[13] A1

[51] **Int.Cl. 7E04H 17/02**
[25] EN
[54] **REINFORCED WIRE MESH WALL FOR A MODULAR SECURITY PARTITION ASSEMBLY**
[54] **CLOISON DE SECURITE MODULAIRE A ARMATURE**
[72] GODDARD, DEREK, CA
[71] GODDARD, DEREK, CA
[22] 2002-11-21
[41] 2004-05-21

[21] **2,412,269**
[13] A1

[51] **Int.Cl. 7A01D 34/00 7H02G 11/02 7B65H 75/34**
[25] EN
[54] **CORD TAKE-UP REEL FOR ELECTRIC POWERED LAWN MOWER**
[54] **DEVIDOIR DE RALLONGE POUR TONDEUSE ELECTRIQUE**
[72] LAPORTA, GILBERT, CA
[71] LAPORTA, GILBERT, CA
[22] 2002-11-21
[41] 2004-05-21

[21] **2,412,284**
[13] A1

[51] **Int.Cl. 7A47J 37/07**
[25] EN
[54] **DISPOSABLE BARBEQUE OVEN LINER**
[54] **REVETEMENT INTERIEUR JETABLE POUR FOUR BARBECUE**
[72] NICOL, SUSAN, CA
[72] BILUK, BRYAN, CA
[72] BILUK, WILLIAM, CA
[71] NICOL, SUSAN, CA
[71] BILUK, BRYAN, CA
[71] BILUK, WILLIAM, CA
[22] 2002-11-21
[41] 2004-05-21

[21] **2,412,296**
[13] A1

[51] **Int.Cl. 7D06F 58/04**
[25] EN
[54] **DRYER DRUM BEARING ASSEMBLY**
[54] **PALIER DE TAMBOUR DE SECHEUSE**
[72] ST. LOUIS, ROBERT MAURICE, CA
[71] CAMCO INC., CA
[22] 2002-11-21
[41] 2004-05-21

[21] **2,412,301**
[13] A1

[51] **Int.Cl. 7E04F 21/18 7E04F 21/00 7G01B 3/20**
[25] EN
[54] **SIDING INSTALLATION TOOL, KIT AND METHOD**
[54] **OUTIL, TROUSSE ET METHODE DE POSE DE REVETEMENT MURAL**
[72] BUENO, CHRISPATRICK A., US
[71] BUENO, CHRISPATRICK A., US
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,303**
[13] A1

[51] **Int.Cl. 7H02K 9/28 7H02K 13/00**
[25] EN
[54] **ELECTRICAL CURRENT COLLECTOR CLEANING AND COOLING FOR HIGH VOLTAGE ROTATING MACHINES**
[54] **NETTOYAGE ET REFROIDISSEMENT DE COLLECTEUR DE COURANT ELECTRIQUE POUR MACHINES TOURNANTES A HAUTE TENSION**
[72] LI, YANGXIN, CA
[72] REHDER, ROBERT HENRY, CA
[71] GENERAL ELECTRIC CANADA INC., CA
[22] 2002-11-21
[41] 2004-05-21

[21] **2,412,310**
[13] A1

[51] **Int.Cl. 7H01M 2/14 7H01M 8/00**
[25] EN
[54] **PROTON CONDUCTIVE MEMBRANE FOR ELECTROCHEMICAL APPLICATIONS**
[54] **MEMBRANE CONDUCTRICE DE PROTONS POUR APPLICATIONS ELECTROCHIMIQUES**
[72] PEINEMANN, KLAUS-VICTOR, DE
[72] PEREIRA NUNES, SUZANA, DE
[72] JAKOBY, KAI, DE
[71] GKSS-FORSCHUNGSZENTRUM GEESTHACHT GMBH, DE
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,336**
[13] A1

[51] **Int.Cl. 7B60G 15/12**
[25] EN
[54] **ANNULAR BELLOWS UNIT FOR VEHICLE SUSPENSION**
[54] **SOUFFLET ANNULAIRE POUR SUSPENSION DE VEHICULE**
[72] OISHI, YUZURU, US
[71] OISHI, YUZURU, US
[22] 2002-11-21
[41] 2004-05-21

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[21] **2,412,352**
[13] A1
[51] **Int.Cl. 7C22B 3/04 7C22B 11/00**
[25] EN
[54] **METHOD FOR THIOSULFATE LEACHING OF PRECIOUS METAL-CONTAINING MATERIALS**
[54] **METHODE DE LIXIVIATION AU THIOSULFATE DE MATERIAUX RENFERMANT DES METAUX PRECIEUX**
[72] FLEMING, CHRISTOPHER A., CA
[72] WEST-SELLS, PAUL G., CA
[72] HACKL, RALPH P., CA
[72] JI, JINXING, CA
[71] PLACER DOME TECHNICAL SERVICES LIMITED, CA
[22] 2002-11-21
[41] 2004-05-18
[30] US (UNKNOWN) 2002-11-18

[21] **2,412,359**
[13] A1
[51] **Int.Cl. 7A01K 1/00 7A61D 19/00**
[25] EN
[54] **CATTLE MATERNITY PEN**
[54] **CASE DE PARTURITION A BETAIL**
[72] FORSYTH, MELVIN A., CA
[71] FORSYTH, MELVIN A., CA
[22] 2002-11-22
[41] 2004-05-22

[21] **2,412,367**
[13] A1
[51] **Int.Cl. 7F02B 1/00**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPROVED COMBUSTION USING HYDROGEN AND OXYGEN**
[54] **METHODE ET APPAREIL POUR AMELIORER LA COMBUSTION A L'AIDE D'HYDROGENE ET D'OXYGENE**
[72] FAIRFULL, THOMAS, CA
[71] DYNAMIC FUEL SYSTEMS INC., CA
[22] 2002-11-22
[41] 2004-05-22

[21] **2,412,379**
[13] A1
[51] **Int.Cl. 7H01L 33/00**
[25] EN
[54] **TRANSPARENT-CATHODE FOR TOP-EMISSION ORGANIC LIGHT-EMITTING DIODES**
[54] **CATHODE TRANSPARENTE POUR DIODES ELECTROLUMINESCENTES A EMISSION PAR LE HAUT**
[72] HAN, SIJIN, CA
[72] JOHNSON, DAVID J., CA
[72] LU, ZHENGHONG, CA
[72] WOOD, RICHARD P., CA
[72] FENG, XIADONG, CA
[71] LUXELL TECHNOLOGIES INC., CA
[22] 2002-11-22
[41] 2004-05-22

[21] **2,412,383**
[13] A1
[51] **Int.Cl. 7G06F 19/00 7G06F 9/06**
[25] EN
[54] **META-MODEL FOR ASSOCIATING MULTIPLE PHYSICAL REPRESENTATIONS OF LOGICALLY EQUIVALENT ENTITIES IN MESSAGING AND OTHER APPLICATIONS**
[54] **METAMODELE POUR ASSOCIER DES REPRESENTATIONS PHYSIQUES MULTIPLES D'ENTITES LOGIQUEMENT EQUIVALENTES DANS DES APPLICATIONS DE MESSAGERIE ET AUTRES**
[72] SPRIET, DAVID A., CA
[72] STARKEY, MICHAEL, CA
[72] KALIA, SUMAN K., CA
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
[22] 2002-11-22
[41] 2004-05-22

[21] **2,412,399**
[13] A1
[51] **Int.Cl. 7E04B 5/48 7F16L 5/00 7E04F 17/08**
[25] EN
[54] **CABLE TRAY SUPPORT ASSEMBLY**
[54] **SUPPORT DE CHEMIN DE CABLES**
[72] SIMMONS, GEORGE E., US
[71] SIMMONS, GEORGE E., US
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,402**
[13] A1
[51] **Int.Cl. 7F16M 11/04 7A45D 44/04 7A45D 20/14**
[25] EN
[54] **HANDS-FREE STYLIST STAND**
[54] **SUPPORT DE STYLISTE MAINS LIBRES**
[72] VANDETTE, LILLIANE, CA
[72] VANDETTE REYNOLDS, ANNE, CA
[71] VANDETTE, LILLIANE, CA
[71] VANDETTE REYNOLDS, ANNE, CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,409**
[13] A1
[51] **Int.Cl. 7A61M 5/178**
[25] EN
[54] **DISPOSABLE SYRINGE**
[54] **SERINGUE JETABLE**
[72] SHUE, MING-JENG, XX
[72] HUANG, DEBORAH, XX
[71] SHUE, MING-JENG, XX
[71] HUANG, DEBORAH, XX
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,414**
[13] A1
[51] **Int.Cl. 7A61K 35/22 7A61P 35/00 7A61K 45/06 7A61K 31/375**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION INDUCING CANCER CELL DIFFERENTIATION AND THE USE FOR TREATMENT AND PREVENTION OF CANCER THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE QUI INDUIT LA DIFFERENCIATION DES CELLULES CANCEREUSES ET SON UTILISATION POUR LE TRAITEMENT ET LA PREVENTION DU CANCER**
[72] LIAU, MING-CHENG, CN
[71] BIO GRAND CO., LTD., CN
[22] 2002-11-20
[41] 2004-05-20

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[21] **2,412,415**
[13] A1

[51] **Int.Cl. 7H01M 2/16**
[25] EN
[54] **ION CONDUCTIVE MEMBRANE FOR ELECTROCHEMICAL APPLICATION**
[54] **MEMBRANE CONDUCTRICE D'IONS POUR APPLICATION ELECTROCHIMIQUE**
[72] JAKOBY, KAI, DE
[72] ALVAREZ-GALLEGO, YOLANDA, DE
[72] PEREIRA NUNES, SUZANA, DE
[72] DE ABAJO, JAVIER, DE
[71] GKSS-FORSCHUNGSZENTRUM GEESTHACHT GMBH, DE
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,425**
[13] A1

[51] **Int.Cl. 7B62D 55/24**
[25] EN
[54] **TRACK WITH LOW FRICTION REINFORCED GUIDE BLOCKS**
[54] **CHENILLE AVEC BLOCS DE GUIDAGE RENFORCES A FROTTEMENT REDUIT**
[72] LAVOIE, DENYS, CA
[71] CAMOPLAST INC., CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,427**
[13] A1

[51] **Int.Cl. 7B62D 55/26**
[25] EN
[54] **STUD MOUNT**
[54] **SUPPORT DE GOUJON**
[72] COURTEMANCHE, DENIS, CA
[71] CAMOPLAST INC., CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,431**
[13] A1

[51] **Int.Cl. 7B65B 9/15 7B65F 1/06 7B65B 67/12**
[25] EN
[54] **APPARATUS FOR PACKING OBJECTS INTO AN ELONGATED TUBE**
[54] **EMBALLEUSE D'OBJETS DANS UN TUBE**
[72] MAUFFETTE, CLAUDE, CA
[72] LEFEBVRE, LOUIS, CA
[72] TREMBLAY, YAN, CA
[71] MONITEURS ANGELCARE INC./ ANGELCARE MONITORS INC., CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,432**
[13] A1

[51] **Int.Cl. 7B08B 3/12**
[25] EN
[54] **ULTRASONIC CLEANING TANK**
[54] **CUVE DE NETTOYAGE PAR ULTRASONS**
[72] KNOX, JOHN F., CA
[71] CANADIAN AQUA JETTERS LTD., CA
[22] 2002-11-20
[41] 2004-05-20

[21] **2,412,506**
[13] A1

[51] **Int.Cl. 7A63B 55/08 7B62B 1/04**
[25] EN
[54] **TWIN-BAR GOLF CART**
[54] **CHARIOT DE GOLF A DOUBLE MONTANT**
[72] YANG, LIEN-CHUAN, XX
[71] YANG, LIEN-CHUAN, XX
[22] 2002-11-22
[41] 2004-05-22

[21] **2,412,507**
[13] A1

[51] **Int.Cl. 7A63B 55/08 7B62B 1/04**
[25] EN
[54] **THREE-SECTIONAL GOLF CART STRUCTURE**
[54] **STRUCTURE DE CHARIOT DE GOLF EN TROIS SECTIONS**
[72] YANG, LIEN-CHUAN, XX
[71] YANG, LIEN-CHUAN, XX
[22] 2002-11-22
[41] 2004-05-22

[21] **2,412,508**
[13] A1

[51] **Int.Cl. 7A61K 7/06**
[25] EN
[54] **COMPOSITION FOR INHIBITING THE GROWTH OF UNWANTED HAIR**
[54] **COMPOSITION POUR INHIBER LA CROISSANCE DE POILS NON DESIRES**
[72] WEIHMAYR, PAUL W., CA
[71] WEIHMAYR, PAUL W., CA
[22] 2002-11-22
[41] 2004-05-22

[21] **2,412,565**
[13] A1

[51] **Int.Cl. 7G09B 23/28**
[25] EN
[54] **PATIENT SIMULATOR MANIKIN AND SYSTEM**
[54] **MANNEQUIN ET SYSTEME DE SIMULATION**
[72] MORRIS, RICHARD WALTER, AU
[72] HERBERT, JAMES CRAIG, AU
[71] NORTHERN SYDNEY AREA HEALTH SERVICE, AU
[22] 2002-11-22
[41] 2004-05-22

[21] **2,412,613**
[13] A1

[51] **Int.Cl. 7A23J 1/14 7C11B 7/00 7B01D 25/12 7A23J 3/14**
[25] EN
[54] **FILTRATION OF VISCOUS OILSEED SLURRIES**
[54] **FILTRATION DE BOULLIE VISQUEUSE D'OLEAGINEUX**
[72] MAENZ, DAVID D., CA
[72] NEWKIRK, REX W., CA
[72] CLASSEN, HENRY L., CA
[71] MCN BIOPRODUCTS INC., CA
[22] 2002-11-22
[41] 2004-05-22

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[21] **2,412,617**
[13] A1
[51] **Int.Cl. 7B07C 5/12**
[25] EN
[54] **WOOD CHIP SINGULATION SYSTEM FOR IN-PROCESS MONITORING AND CONTROL**
[54] **SYSTEME DE SEPARATION DE COPEAUX DE BOIS POUR CONTROLE ET COMMANDE EN COURS DE FABRICATION**
[72] KUJA, FRANK, CA
[72] NGUYEN, LAC, CA
[72] JAMES, ROBERT, CA
[71] SMITHS DETECTION, CA
[22] 2002-11-22
[41] 2004-05-22

[21] **2,413,564**
[13] A1
[51] **Int.Cl. 7A01D 7/00 7A01B 69/08**
[25] EN
[54] **TOWABLE HAY RAKE WITH AN AUTOMATIC STEERING MECHANISM**
[54] **RATEAU ANDAINEUR REMORQUABLE AVEC MECANISME DE DIRECTION AUTOMATIQUE**
[72] MENICHETTI, SILVANO, IT
[71] SITREX S.R.L., IT
[22] 2002-12-03
[41] 2004-05-22
[30] US (10/302,333) 2002-11-22

[21] **2,414,261**
[13] A1
[51] **Int.Cl. 7H04L 9/14**
[25] EN
[54] **METHOD OF ENCRYPTION USING MULTI-KEY PROCESS TO CREATE A VARIABLE-LENGTH KEY**
[54] **METHODE DE CRYPTAGE UTILISANT UN PROCESSUS MULTICLES POUR CREER UNE CLE DE LONGUEUR VARIABLE**
[72] BRISSON, ANDRE J., CA
[72] BOREN, STEPHEN L., CA
[71] BRISSON, ANDRE J., CA
[71] BOREN, STEPHEN L., CA
[22] 2002-12-16
[41] 2004-05-20
[30] US (10/299,847) 2002-11-20

[21] **2,414,321**
[13] A1
[51] **Int.Cl. 7E21B 21/06 7B01D 21/00 7E21B 43/40**
[25] EN
[54] **SHALE BIN/SETTLING TANK/CENTRIFUGE COMBINATION SKID**
[54] **ENSEMBLE SUR PATINS COMPRENANT UN BAC POUR ARGILE LITEE, UN BAC DE DECANTATION, UNE CENTRIFUGEUSE**
[72] SMITH, DONALD ROY, CA
[72] KAPICKI, MELVIN DOUGLAS, CA
[71] SMITH, DONALD ROY, CA
[71] KAPICKI, MELVIN DOUGLAS, CA
[22] 2002-12-13
[41] 2004-05-16

[21] **2,414,435**
[13] A1
[51] **Int.Cl. 7B62B 9/00 7B62B 9/12 7B62B 7/14 7B62B 9/28**
[25] EN
[54] **INFANT CARRIER-RECEIVING COMPONENT WITH INDICATOR**
[54] **COMPOSANT RECEPTEUR DE PORTE-BEBE AVEC INDICATEUR**
[72] SCHUMACHER, DONALD, US
[72] FAIR, PAUL, US
[72] EROS, PETER F., US
[72] DRANSCHAK, DAVID, US
[71] EVENFLO COMPANY, INC., US
[22] 2002-12-17
[41] 2004-05-18
[30] US (10/298,320) 2002-11-18

[21] **2,414,466**
[13] A1
[51] **Int.Cl. 7B62B 9/12 7B62B 7/14**
[25] EN
[54] **STROLLER WITH RETAINING MECHANISM**
[54] **POUSSETTE AVEC MECANISME DE RETENUE**
[72] EROS, PETER F., US
[71] EVENFLO COMPANY, INC., US
[22] 2002-12-17
[41] 2004-05-18
[30] US (10/298,319) 2002-11-18

[21] **2,417,479**
[13] A1
[51] **Int.Cl. 7F02C 7/24**
[25] EN
[54] **OUTLET SILENCER STRUCTURES FOR TURBINE**
[54] **STRUCTURES DE SILENCIEUX DE SORTIE DE TURBINE**
[72] YAZICI, MUAMMER, CA
[72] HAN, MING HUI, CA
[71] M & I HEAT TRANSFER PRODUCTS LTD., CA
[22] 2003-01-27
[41] 2004-05-21
[30] US (10/301,279) 2002-11-21

[21] **2,417,634**
[13] A1
[51] **Int.Cl. 7C08F 293/00 7C08F 251/00 7C08F 287/00 7C08J 5/22 7A61K 9/48 7A61K 47/48 7A61K 9/70**
[25] EN
[54] **PLASTIC AND ELASTIC PROTEIN COPOLYMERS**
[54] **COPOLYMERES A BASE DE PROTEINES POSSEDANT DES PROPRIETES PLASTIQUES ET ELASTIQUES**
[72] PAYNE, SONHA C., US
[72] CONTICELLO, VINCENT P., US
[72] WRIGHT, ELIZABETH R., US
[72] MCMILLAN, ROBERT A., US
[72] BRINKMAN, WILLIAM T., US
[72] NAGAPUDI, KARTHIK, US
[72] CHAIKOF, ELLIOT L., US
[71] EMORY UNIVERSITY, US
[22] 2003-01-29
[41] 2004-05-22
[30] US (60/428,438) 2002-11-22

[21] **2,418,043**
[13] A1
[51] **Int.Cl. 7B66F 9/20 7B66F 9/12**
[25] EN
[54] **FORK HEIGHT ADJUSTMENT MECHANISM**
[54] **MECANISME DE REGLAGE DE HAUTEUR DE FOURCHE**
[72] HOFF, WILLIAM H., CA
[72] GRAMATIKOV, IVAN K., CA
[71] THE RAYMOND CORPORATION, US
[22] 2003-01-31
[41] 2004-05-22
[30] US (10/302,485) 2002-11-22

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[21] **2,418,553**
[13] A1

[51] **Int.Cl. 7B01D 45/08 7F01N 7/00**
7B01D 35/02 7B01D 35/30 7B01D 53/92
[25] EN
[54] **EXHAUST FILTER**
[54] **FILTRE D'EVACUATION**
[72] HAY, TOM, CA
[71] HAY, TOM, CA
[22] 2003-02-07
[41] 2004-05-20
[30] CA (2,410,757) 2002-11-20

[21] **2,418,580**
[13] A1

[51] **Int.Cl. 7B65D 90/04**
[25] EN
[54] **SHIPPING CONTAINER LINERS**
[54] **DOUBLURES DE CONTENEUR**
D'EXPEDITION
[72] TUINSTRA, ROD, US
[72] CARTER, RICHARD, US
[71] TUINSTRA, ROD, US
[71] CARTER, RICHARD, US
[22] 2003-02-07
[41] 2004-05-19
[30] US (10/299,555) 2002-11-19

[21] **2,418,658**
[13] A1

[51] **Int.Cl. 7E05B 47/00**
[25] EN
[54] **DOOR HANDLE ACTUATED**
ELECTRONIC EGRESS SYSTEM
[54] **SYSTEME D'EVACUATION**
ELECTRONIQUE COMMANDE PAR
POIGNEE DE PORTE
[72] SPRAGUE, GARY, US
[71] C.R. LAURENCE COMPANY, INC.,
US
[22] 2003-02-11
[41] 2004-05-18
[30] US (10/299,422) 2002-11-18

[21] **2,420,624**
[13] A1

[51] **Int.Cl. 7F04F 1/06**
[25] EN
[54] **PRESSURE OPERABLE LIQUID**
PUMPING SYSTEM
[54] **SYSTEME DE POMPAGE DE**
LIQUIDE PAR PRESSION
[72] DRUMMOND, DAVID CARL, CA
[71] DRUMMOND, DAVID CARL, CA
[22] 2003-01-24
[41] 2004-05-18
[30] US (60/426,879) 2002-11-18

[21] **2,424,238**
[13] A1

[51] **Int.Cl. 7H02G 3/08 7H02G 3/14**
[25] EN
[54] **SELF-LOCKING JUNCTION BOX**
[54] **BOITE DE JONCTION**
AUTOVERROUILLABLE
[72] CASWELL, G. MALCOLM, CA
[71] CASWELL, G. MALCOLM, CA
[22] 2003-04-02
[41] 2004-05-22

[21] **2,424,480**
[13] A1

[51] **Int.Cl. 7A47L 9/10 7A47L 5/00 7A47L**
9/12
[25] EN
[54] **DUST COLLECTING FILTER FOR**
VACUUM CLEANER AND VACUUM
CLEANER HAVING THE SAME
[54] **FILTRE DE DEPOUSSIERAGE**
POUR ASPIRATEUR ET ASPIRATEUR
AINSI EQUIPE
[72] LEE, HYUN-JU, KR
[72] YOO, DONG-HUN, KR
[71] SAMSUNG GWANGJU
ELECTRONICS CO., LTD., KR
[22] 2003-04-04
[41] 2004-05-22
[30] KR (2002-72967) 2002-11-22

[21] **2,424,714**
[13] A1

[51] **Int.Cl. 7C22B 3/04 7C22B 11/00**
[25] EN
[54] **METHOD FOR THIOSULFATE**
LEACHING OF PRECIOUS METAL-
CONTAINING MATERIALS
[54] **METHODE DE LIXIVIATION AU**
THIOSULFATE DE MATERIAUX
RENFERMANT DES METAUX
PRECIEUX
[72] HACKL, RALPH PETER, CA
[72] JI, JINXING, CA
[72] WEST-SELLS, PAUL GEORGE, CA
[71] PLACER DOME TECHNICAL
SERVICES LIMITED, CA
[22] 2003-04-01
[41] 2004-05-18
[30] US (60/426343) 2002-11-18
[30] CA (2412352) 2002-11-21

[21] **2,427,051**
[13] A1

[51] **Int.Cl. 7A61F 11/00 7H05K 5/00**
7H04R 25/00
[25] EN
[54] **IMPLANTABLE TRANSDUCER**
FOR HEARING AIDS AND PROCESS
FOR TUNING THE FREQUENCY
RESPONSE OF ONE SUCH
TRANSDUCER
[54] **TRANSDUCTEUR IMPLANTABLE**
POUR AIDES AUDITIVES ET
PROCESSUS POUR ACCORDER LA
REPOSE EN FREQUENCE D'UN TEL
TRANSDUCTEUR
[72] STRUZKA, ZBYNEK, CH
[72] BERNHARD, HANS, CH
[72] SCHMID, CHRISTOPH, CH
[71] PHONAK AG, CH
[22] 2003-04-29
[41] 2004-05-20
[30] DE (02 025 939.6) 2002-11-20

[21] **2,430,507**
[13] A1

[51] **Int.Cl. 7A47L 9/16**
[25] EN
[54] **CYCLONE DUST COLLECTING**
APPARATUS FOR VACUUM CLEANER
[54] **CYCLONE DEPOUSSIEREUR**
POUR ASPIRATEUR
[72] OH, JANG-KEUN, KR
[72] JIN, HYOUNG-JONG, KR
[71] SAMSUNG GWANGJU
ELECTRONICS CO., LTD., KR
[22] 2003-05-30
[41] 2004-05-21
[30] KR (2002-72751) 2002-11-21

[21] **2,432,372**
[13] A1

[51] **Int.Cl. 7A47L 9/16**
[25] EN
[54] **GRILL ASSEMBLY AND**
CYCLONE DUST COLLECTING
APPARATUS FOR VACUUM CLEANER
HAVING A GRILL ASSEMBLY
[54] **GRILLE ET CYCLONE**
DEPOUSSIEREUR POUR ASPIRATEUR
A GRILLE
[72] OH, JANG-KEUN, KR
[71] SAMSUNG GWANGJU
ELECTRONICS CO., LTD., KR
[22] 2003-06-13
[41] 2004-05-21
[30] KR (2002-72752) 2002-11-21

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[21] **2,433,442**
[13] A1
[51] **Int.Cl. 7E04C 5/18 7E04B 1/38**
[25] EN
[54] **ANCHORAGE FIXED AT CORNER PART OF WOOD**
[54] **DISPOSITIF D'ANCRAGE FIXE A L'ANGLE DE PIECES EN BOIS**
[72] TANEICHI, KAORU, JP
[71] TANEICHI, KAORU, JP
[22] 2003-06-25
[41] 2004-05-20
[30] JP (2002-336356) 2002-11-20

[21] **2,433,952**
[13] A1
[51] **Int.Cl. 7F04F 1/06**
[25] EN
[54] **POSITIVE PRESSURE LIQUID TRANSFER AND REMOVAL SYSTEM CONFIGURED FOR OPERATION BY A HAND AND BY A FOOT**
[54] **SYSTEME DE TRANSFERT ET D'ENLEVEMENT DE LIQUIDES SOUS PRESSION POSITIVE, CONFIGURE POUR FONCTIONNEMENT A LA MAIN OU AU PIED**
[72] DRUMMOND, DAVID CARL, CA
[71] DRUMMOND, DAVID CARL, CA
[22] 2003-07-11
[41] 2004-05-18
[30] CA (2,420,624) 2003-01-24
[30] US (60/426879) 2002-11-18
[30] US (10/388365) 2003-03-14

[21] **2,435,152**
[13] A1
[51] **Int.Cl. 7A63H 17/39 7A63H 17/16**
[25] EN
[54] **RADIO-CONTROLLED TWO-WHEELED VEHICLE TOY**
[54] **VEHICULE JOUET A DEUX ROUES COMMANDE PAR RADIO**
[72] SUTO, SHOHEI, JP
[71] TAIYO KOGYO CO., LTD., JP
[22] 2003-07-10
[41] 2004-05-22
[30] JP (2002-338757) 2002-11-22

[21] **2,437,137**
[13] A1
[51] **Int.Cl. 7G07F 9/02 7G07F 11/00 7G01V 15/00**
[25] EN
[54] **RFID SYSTEM AND METHOD FOR VENDING MACHINE CONTROL**
[54] **SYSTEME ET METHODE RFID DE COMMANDE DE DISTRIBUTEUR AUTOMATIQUE**
[72] READE, WALTER C., US
[72] LINDSAY, JEFF, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 2003-08-13
[41] 2004-05-21
[30] US (10/301,879) 2002-11-21

[21] **2,439,341**
[13] A1
[51] **Int.Cl. 7A47L 7/00**
[25] EN
[54] **WET DRY VACUUM CLEANER WITH LOCKABLE TOOL HOLDER AND BASKET**
[54] **ASPIRATEUR POUR SOLIDES ET LIQUIDES AVEC PORTE-OUTILS ET PANIER VERROUILLABLES**
[72] CREVLING, ROBERT, US
[72] MARTINEZ, DAVID, US
[71] SHOP-VAC CORPORATION, US
[22] 2003-09-02
[41] 2004-05-21
[30] US (10/300,975) 2002-11-21

[21] **2,440,457**
[13] A1
[51] **Int.Cl. 7C09J 103/04 7C09J 101/08 7C09J 103/12 7C09J 105/14 7B31F 1/20 7D21H 19/74**
[25] EN
[54] **CORRUGATING ADHESIVES FOR BONDING COATED PAPERS AND METHODS FOR BONDING COATED PAPERS**
[54] **ADHESIFS D'ONDULATION ET METHODES DE COLLAGE DE PAPIERS COUCHES**
[72] SKURATOWICZ, ROMAN, US
[72] LINDER, JAMES, US
[72] TURNER, BRYAN, US
[71] CORN PRODUCTS INTERNATIONAL, INC., US
[22] 2003-09-10
[41] 2004-05-22
[30] US (10/302,111) 2002-11-22

[21] **2,441,058**
[13] A1
[51] **Int.Cl. 7F02C 7/24**
[25] FR
[54] **NACELLE DE REACTEUR D'AERONEF A ATTENUATION ACOUSTIQUE**
[54] **SOUND ATTENUATING AIRCRAFT REACTOR NACELLE**
[72] PORTE, ALAIN, FR
[72] BATARD, HERVE, FR
[71] AIRBUS FRANCE, FR
[22] 2003-09-12
[41] 2004-05-18
[30] FR (02 14380) 2002-11-18

[21] **2,441,169**
[13] A1
[51] **Int.Cl. 7G07F 17/32 7A63F 9/00 7G06F 19/00 7G07F 17/34**
[25] EN
[54] **GAMING MACHINE DISPLAYING SPECIAL SYMBOL HAVING RANDOMLY SELECTED FUNCTIONS**
[54] **APPAREIL DE JEUX DE HASARD AFFICHANT UN SYMBOLE SPECIAL AVEC FONCTIONS SELECTIONNEES AU HASARD**
[72] GAUSELMANN, MICHAEL, DE
[71] ATRONIC INTERNATIONAL GMBH, DE
[22] 2003-09-17
[41] 2004-05-19
[30] US (10/300,223) 2002-11-19

[21] **2,441,837**
[13] A1
[51] **Int.Cl. 7B65D 51/24 7B65D 81/00 7B65F 1/14 7B65F 1/16**
[25] EN
[54] **APPARATUS FOR PACKING OBJECTS INTO AN ELONGATED TUBE**
[54] **TUBE DE STOCKAGE COMPRIME**
[72] MAUFFETTE, CLAUDE, CA
[72] TREMBLAY, YAN, CA
[72] LEFEBVRE, LOUIS, CA
[71] LES DEVELOPPEMENTS ANGELCARE INC., CA
[22] 2003-09-22
[41] 2004-05-20
[30] CA (2,412,431) 2002-11-20

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[21] **2,442,276**
[13] A1

[51] **Int.Cl. 7H04N 7/30 7H04N 7/50**
[25] EN
[54] **FREQUENCY COEFFICIENT SCANNING PATHS FOR CODING DIGITAL VIDEO CONTENT**
[54] **CHEMINS DE BALAYAGE DE COEFFICIENTS DE FREQUENCE POUR LE CODAGE DE CONTENU VIDEO NUMERIQUE**
[72] WANG, LIMIN, US
[72] PANUSOPONE, KRIT, US
[72] BAYLON, DAVID M., US
[72] YU, YUE, US
[72] LUTHRA, AJAY, US
[72] GANDHI, RAJEEV, US
[71] GENERAL INSTRUMENT CORPORATION, US
[22] 2003-09-23
[41] 2004-05-20
[30] US (10/301,076) 2002-11-20

[21] **2,442,764**
[13] A1

[51] **Int.Cl. 7C10M 135/10 7C10M 101/00 7C10M 133/16**
[25] EN
[54] **OIL COMPOSITIONS FOR IMPROVED FUEL ECONOMY**
[54] **COMPOSITIONS D'HUILE POUR ECONOMIES DE CARBURANT ACCRUES**
[72] BOFFA, ALEXANDER B., US
[71] CHEVRON ORONITE COMPANY LLC, US
[22] 2003-09-25
[41] 2004-05-21
[30] US (10/301,374) 2002-11-21

[21] **2,443,365**
[13] A1

[51] **Int.Cl. 7C12N 15/62 7C07K 19/00 7C12P 21/02 7C07K 14/08 7C12N 15/09 7A61K 33/12 7C12N 15/21 7C12N 15/40**
[25] EN
[54] **METHODS FOR THE RECOMBINANT PRODUCTION OF ANTIFUSOGENIC PEPTIDES**
[54] **METHODES DE PRODUCTION PAR RECOMBINAISON DE PEPTIDES ANTIFUSIOGENES**
[72] KACZMAREK, ALEXANDRA, DE
[72] KOPETZKI, ERHARD, DE
[72] SEEBER, STEFAN, DE
[72] SCHANTZ, CHRISTIAN, DE
[71] F. HOFFMAN-LA ROCHE AG, CH
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[30] EP (02025618.6) 2002-11-19
[30] EP (03000988.0) 2003-01-17

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[13] A1

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[25] EN
[54] **GAMING MACHINE HAVING TRIGGERING EVENT THAT ALTERS THE DISPLAY OF SYMBOLS**
[54] **APPAREIL DE JEUX DE HASARD A DISPOSITIF DE DECLenchEMENT QUI MODIFIE L'AFFICHAGE DES SYMBOLES**
[72] GAUSELMANN, MICHAEL, DE
[71] ATRONIC INTERNATIONAL GMBH, DE
[22] 2003-10-01
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[30] US (10/301,126) 2002-11-20

[21] **2,444,078**
[13] A1

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[25] EN
[54] **RECONFIGURABLE OPTICAL ADD/DROP MULTIPLEXER WITH BURIED DISPERSION COMPENSATION MODULE**
[54] **MULTIPLEXEUR D'INSERTION-EXTRACTION OPTIQUE RECONFIGURABLE A MODULE INTEGRE DE COMPENSATION DE DISPERSION**
[72] KELLY, COLIN GEOFFREY, CA
[71] TROPIC NETWORKS INC., CA
[22] 2003-10-09
[41] 2004-05-21
[30] US (60/427,960) 2002-11-21

[21] **2,444,154**
[13] A1

[51] **Int.Cl. 7G02C 9/04 7G02C 5/06**
[25] EN
[54] **IMPROVED CLIP-ON SUNGLASSES**
[54] **LUNETTES DE SOLEIL A APPLIQUES AMELIOREES**
[72] FRIEDMAN, DEAN, US
[71] FRIEDMAN, DEAN, US
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[41] 2004-05-18
[30] US (10/298,283) 2002-11-18

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[25] EN
[54] **CARTRIDGE SEAL ASSEMBLY**
[54] **ENSEMBLE D'ETANCHEITE DE CARTOUCHE**
[72] CASTLEMAN, LARRY J., US
[71] POLYMER SEALING SOLUTIONS, INC., US
[22] 2003-10-08
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[30] US (60/428,111) 2002-11-21

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[13] A1

[51] **Int.Cl. 7C09D 127/12**
[25] EN
[54] **IMPROVED FLUOROCARBON POLYMER COATING POWDERS**
[54] **POUDRES DE REVETEMENT AMELIOREES A BASE DE POLYFLUOROCARBONES**
[72] KIM, YOUNG JUN, US
[71] SPRAYLAT CORPORATION, US
[22] 2003-10-06
[41] 2004-05-20
[30] US (10/300,216) 2002-11-20

[21] **2,445,059**
[13] A1

[51] **Int.Cl. 7B66C 1/34**
[25] EN
[54] **TRUSS HOOK**
[54] **CROCHET POUR ELEMENTS DE CHARPENTE**
[72] NEUFELDT, ROY E., US
[71] NEUFELDT, ROY E., US
[22] 2003-10-10
[41] 2004-05-18
[30] US (10/299,358) 2002-11-18

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[13] A1
[51] Int.Cl. 7B31C 13/00 7B32B 29/00
7B29D 23/00 7B31F 1/07 7B32B 1/08
7B29C 53/56
[25] EN
[54] WOUND MULTI-LAYER TUBE
HAVING ONE OR MORE EMBOSSED
PLIES
[54] TUBE MULTICOUCHE BOBINE
COMPRENANT UNE OU PLUSIEURS
COUCHES BOSSELEES
[72] CHEN, NEN SEN, TW
[72] VAN DE CAMP, JOHANNES W., US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2003-10-14
[41] 2004-05-18
[30] US (10/298,409) 2002-11-18

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[51] Int.Cl. 7B22D 27/00 7C22C 21/00
7B22D 21/04 7C22C 1/08
[25] EN
[54] METHOD FOR MANUFACTURING
CLOSED-WALL CELLULAR METAL
[54] METHODE DE FABRICATION DE
METAL A ALVEOLES FERMES
[72] FUERST, CARLTON DWIGHT, US
[72] KIA, SHEILA FARROKHALAEE, US
[72] PEDERSON, THOMAS C., US
[71] GENERAL MOTORS
CORPORATION, US
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[30] US (10/298,785) 2002-11-18

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[13] A1
[51] Int.Cl. 7A22C 11/02 7A22C 11/00
[25] EN
[54] APPARATUS COMPRISING A
VACUUM FILLER AND A CLIP
MODULE
[54] DISPOSITIF COMPRENANT UNE
REMPLISSEUSE SOUS VIDE ET UN
MODULE CHARGEUR
[72] MUELLER, GERHARD, DE
[71] ALBERT HANDTMANN
MASCHINENFABRICK GMBH & CO. KG,
DE
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[13] A1
[51] Int.Cl. 7B65D 8/20 7B65D 8/06
[25] EN
[54] PROCEDURE FOR
CONSTRUCTION OF MULTI-LAYER
CYLINDRICAL CONTAINERS AND
CONTAINERS SO OBTAINED
[54] METHODE DE FABRICATION DE
CONTENANTS CYLINDRIQUES
MULTICOUCHE ET CONTENANTS
AINSI FABRIQUES
[72] DEVESA COMPANY, JOAQUIN, ES
[71] DEVESA COMPANY, JOAQUIN, ES
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[25] EN
[54] TOROIDAL WAVEGUIDE FOR A
MICROWAVE COOKING APPLIANCE
[54] GUIDE D'ONDES TOROIDAL
POUR APPAREIL DE CUISSON MICRO-
ONDES
[72] WHIPPLE, ROBERT Z., JR., US
[72] PROFFITT, SONDR A DENICE, US
[72] HUYNH, TRIEU, US
[71] MAYTAG CORPORATION, US
[22] 2003-10-27
[41] 2004-05-20
[30] US (10/299,918) 2002-11-20

[21] **2,447,125**
[13] A1
[51] Int.Cl. 7A47B 57/58 7A47B 57/00
7F25D 23/06
[25] EN
[54] SHELF MOUNTING SUPPORT
ARRANGEMENT
[54] SUPPORT D'INSTALLATION
D'ETAGERES
[72] ELLINGWOOD, JOHN C., US
[72] DISBENNETT, WALTER I., US
[72] THOMPSON, VIRGIL R., US
[72] WOLANIN, GERALD L., US
[71] MAYTAG CORPORATION, US
[22] 2003-10-28
[41] 2004-05-22
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[13] A1
[51] Int.Cl. 7F24C 7/02 7F24C 7/06 7F24C
7/08
[25] EN
[54] MICROWAVE COOKING
APPLIANCE INCORPORATING
ELECTRIC HEATING ELEMENT
[54] APPAREIL DE CUISSON MICRO-
ONDES COMPRENANT UN ELEMENT
DE CHAUFFAGE ELECTRIQUE
[72] WHIPPLE, ROBERT Z., JR., US
[72] BRINKER, DAVID W., US
[71] MAYTAG CORPORATION, US
[22] 2003-10-17
[41] 2004-05-20
[30] US (10/299,821) 2002-11-20

[21] **2,446,851**
[13] A1
[51] Int.Cl. 7F25D 23/02 7E05B 1/00
[25] EN
[54] REFRIGERATOR HANDLE
MOUNTING ARRANGEMENT
[54] CONFIGURATION DE POIGNEE
DE REFRIGERATEUR
[72] GOSE, THOMAS E., US
[72] WING, FORREST F., US
[71] MAYTAG CORPORATION, US
[22] 2003-10-27
[41] 2004-05-18
[30] US (10/295,850) 2002-11-18

[21] **2,447,129**
[13] A1
[51] Int.Cl. 7F24C 7/08 7H05B 1/00
7G05D 23/19
[25] EN
[54] COLD START COOKING SYSTEM
[54] SYSTEME DE CUISSON A DEPART
A FROID
[72] SAUTER, KENNETH E., US
[71] MAYTAG CORPORATION, US
[22] 2003-10-28
[41] 2004-05-22
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[25] EN
[54] **CONTENTS REPRODUCING APPARATUS, CONTENTS REPRODUCTION CONTROL PROGRAM AND RECORDING MEDIUM HAVING A CONTENTS REPRODUCTION CONTROL PROGRAM RECORDED THEREON**
[54] **APPAREIL DE REPRODUCTION DE CONTENU, PROGRAMME DE COMMANDE DE REPRODUCTION DE CONTENU ET SUPPORT D'ENREGISTREMENT AVEC PROGRAMME DE COMMANDE DE REPRODUCTION DE CONTENU**
[72] KAWAKI, MOTOKAZU, JP
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[22] 2003-10-28
[41] 2004-05-18
[30] JP (2002-333546) 2002-11-18

[21] **2,447,283**
[13] A1

[51] **Int.Cl. 7B64C 13/50 7B64C 19/00**
[25] FR
[54] **SYSTEME DE COMMANDES DE VOL ELECTRIQUES POUR AERONEF COMPORTANT UNE DETECTION DE COUPLAGES OSCILLATOIRES DE PILOTAGE ET ORGANE DE PILOTAGE POUR UN TEL SYSTEME**
[54] **ELECTRICAL FLIGHT CONTROL SYSTEM FOR AIRCRAFT INCLUDING A DETECTION OF OSCILLATORY PILOTING COUPLINGS AND PILOTING INSTRUMENT FOR SUCH A SYSTEM**
[72] RAIMBAULT, NATHALIE, FR
[72] GAUTIER, JEAN-PIERRE, FR
[72] SAGANSAN, ALAIN, FR
[72] FABRE, PIERRE, FR
[71] AIRBUS FRANCE, FR
[22] 2003-10-30
[41] 2004-05-18
[30] FR (02 14388) 2002-11-18

[21] **2,447,331**
[13] A1

[51] **Int.Cl. 7G05D 19/02 7G05D 1/00 7G06F 7/02 7G06F 17/14**
[25] FR
[54] **PROCEDE ET DISPOSITIF POUR LA DETECTION DE COUPLAGES OSCILLATOIRES DE PILOTAGE DANS UN AERONEF**
[54] **PROCESS AND DEVICE FOR THE DETECTION OF OSCILLATORY PILOTING COUPLINGS IN AN AIRCRAFT**
[72] RAIMBAULT, NATHALIE, FR
[72] FABRE, PIERRE, FR
[71] AIRBUS FRANCE, FR
[22] 2003-10-30
[41] 2004-05-18
[30] FR (02 14381) 2002-11-18

[21] **2,447,355**
[13] A1

[51] **Int.Cl. 7C23G 1/02**
[25] EN
[54] **CHEMICAL COMPOSITION AND METHOD**
[54] **COMPOSE CHIMIQUE ET METHODE CONNEXE**
[72] WEBB, LAURAL C., US
[72] LOVETRO, DAVID C., US
[72] BONISLAWSKI, DAVID J., US
[71] AKZO NOBEL N.V., NL
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[41] 2004-05-22
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[21] **2,447,359**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G06F 19/00 7C12N 15/10 7C12M 1/34 7C12P 19/34 7G06F 17/50**
[25] EN
[54] **VALIDATED DESIGN FOR MICROARRAYS**
[54] **MODELE VALIDE DE MICRORESEAUX**
[72] SCHOLLER, PATRICK, DE
[72] VAN DEN BROEK, DIRK, DE
[72] TUDOR, JONATHAN, GB
[72] SCHNABEL, ROLAND, DE
[72] CONZONE, SAMUEL D., DE
[71] SCHOTT GLAS, DE
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[21] **2,447,764**
[13] A1

[51] **Int.Cl. 7H05K 7/20 7B25F 5/00**
[25] EN
[54] **ELECTRICALLY ISOLATED MODULE**
[54] **MODULE A ISOLEMENT ELECTRIQUE**
[72] PRIVETT, ZOLLIE W., US
[72] CROWELL, BRIAN R., US
[72] OPSITOS, ROBERT J., JR., US
[71] BLACK & DECKER INC., US
[22] 2003-11-03
[41] 2004-05-20
[30] US (10/300,132) 2002-11-20

[21] **2,447,830**
[13] A1

[51] **Int.Cl. 7B29C 41/04 7B29C 41/38**
[25] EN
[54] **METHOD FOR PRODUCING ROTATIONALLY MOLDED PARTS FROM SEMI-CRYSTALLINE MATERIALS**
[54] **METHODE DE FABRICATION DE PIECES MOULEES PAR ROTATION A PARTIR DE MATERIAUX SEMI-CRISTALLINS**
[72] SHUTTLEWORTH, ADAM JOE, US
[72] BOYCE, DEAN ARDEN, US
[71] DEERE & COMPANY, US
[22] 2003-10-31
[41] 2004-05-20
[30] US (10/302,598) 2002-11-20

[21] **2,447,831**
[13] A1

[51] **Int.Cl. 7F16D 65/12**
[25] EN
[54] **DISK BRAKE DEVICE FOR VEHICLE**
[54] **FREIN A DISQUE POUR VEHICULE**
[72] KIKUCHI, TETSUYOSHI, JP
[72] NIMURA, TAISUKE, JP
[72] SOFUE, SHUICHI, JP
[72] TAKENOUCI, KAZUYA, JP
[71] HONDA MOTOR CO., LTD., JP
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[41] 2004-05-19
[30] JP (2002-335627) 2002-11-19

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[13] A1
[51] **Int.Cl. 7C23C 4/04 7C23C 4/10**
[25] EN
[54] **A SPRAY POWDER FOR THE MANUFACTURE OF A THERMALLY INSULATING LAYER WHICH REMAINS RESISTANT AT HIGH TEMPERATURES**
[54] **POUDRE DE PULVERISATION POUR LA PRODUCTION D'UN REVETEMENT D'ISOLATION THERMIQUE RESISTANT AUX TEMPERATURES ELEVEES**
[72] DAMANI, RAJIV J., CH
[72] HONEGGER, KASPAR, CH
[71] SULZER MARKETS AND TECHNOLOGY AG, CH
[22] 2003-11-03
[41] 2004-05-22
[30] EP (02 406 010.5) 2002-11-22

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[13] A1
[51] **Int.Cl. 7E05B 19/00**
[25] EN
[54] **KEY CAP**
[54] **CHAPEAU DE CLE**
[72] HOWARD, RAYMOND W., US
[71] HOWARD, RAYMOND W., US
[22] 2003-11-04
[41] 2004-05-18
[30] US (10/299,272) 2002-11-18

[21] **2,448,137**
[13] A1
[51] **Int.Cl. 7F16L 5/02 7F16L 5/04 7E04B 1/94**
[25] EN
[54] **SEALING SYSTEM**
[54] **SYSTEME DE SCELLEMENT**
[72] KLEIN, MANFRED, DE
[72] MONDEN, THOMAS, DE
[71] HILTI AKTIENGESSELLSCHAFT, LI
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[41] 2004-05-20
[30] DE (10254086.1) 2002-11-20

[21] **2,448,170**
[13] A1
[51] **Int.Cl. 7H04L 29/02 7H04L 12/12 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR USING PACKED COMPRESSED BUFFERS FOR IMPROVED CLIENT SERVER COMMUNICATIONS**
[54] **SYSTEME ET METHODE D'UTILISATION DE TAMPONS COMPRIMES MONTES SOUS BOITIER POUR COMMUNICATIONS PAR SERVEUR CLIENT AMELIOREES**
[72] HARTWELL, AARON, US
[72] GRAY, RONALD E., US
[72] LEMARCHAND, REMI A., US
[72] GODDARD, STEVEN F., US
[72] POWER, BRENDAN, US
[72] WARREN, JOSEPH R., US
[72] FROELICH, KARL, US
[72] BONILLA, NICOLE A., US
[72] DUN, ALEC, US
[72] CURTIS, BRENT, US
[71] MICROSOFT CORPORATION, US
[22] 2003-11-05
[41] 2004-05-20
[30] US (60/428,153) 2002-11-20
[30] US (10/442,380) 2003-05-21

[21] **2,448,312**
[13] A1
[51] **Int.Cl. 7H04L 12/26 7H04L 12/56**
[25] EN
[54] **METHOD AND APPARATUS FOR AUDITING SERVICE LEVEL AGREEMENTS BY TEST PACKET INSERTION**
[54] **METHODE ET APPAREIL POUR VERIFIER DES ACCORDS DE NIVEAU DE SERVICE PAR INSERTION DE PAQUETS D'ESSAI**
[72] GORINGE, CHRISTOPHER M., AU
[72] SCHREUDER, JAMES D., AU
[72] MINHAZUDDIN, MUNEYB, AU
[71] AVAYA TECHNOLOGY CORP., US
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[51] **Int.Cl. 7F24C 7/08 7F24C 7/02 7H05B 6/68**
[25] EN
[54] **MICROWAVE DELIVERY SYSTEM WITH MULTIPLE MAGNETRONS FOR A COOKING APPLIANCE**
[54] **SYSTEME DE TRANSMISSION MICRO-ONDES A MAGNETRONS MULTIPLES POUR APPAREIL DE CUISSON**
[72] WHIPPLE, ROBERT Z., JR., US
[71] MAYTAG CORPORATION, US
[22] 2003-11-05
[41] 2004-05-20
[30] US (10/299,669) 2002-11-20

[21] **2,448,467**
[13] A1
[51] **Int.Cl. 7B01D 53/54 7C01B 21/04**
[25] EN
[54] **NITROGEN REJECTION METHOD AND APPARATUS**
[54] **APPAREIL ET METHODE D'EXTRACTION D'AZOTE**
[72] DAVIES, BRIAN MORICE, US
[72] OAKEY, JOHN DOUGLAS, GB
[71] THE BOC GROUP PLC, GB
[22] 2003-11-07
[41] 2004-05-19
[30] GB (0226983.5) 2002-11-19

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[13] A1
[51] **Int.Cl. 7C12Q 1/66 7C12Q 1/02 7C07H 21/04 7C12N 5/06 7C12N 5/08 7C12N 5/10 7C12N 15/63 7C12Q 1/68**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IDENTIFYING THYMIDYLATE SYNTHASE MODULATORS**
[54] **COMPOSES ET METHODES D'IDENTIFICATION DE MODULATEURS DE THYMIDYLATE-SYNTHEASE**
[72] WU, QI, US
[72] LIN, XIUKUN, US
[72] CHU, EDWARD, US
[72] DOLNICK, BRUCE J., US
[71] WU, QI, US
[71] LIN, XIUKUN, US
[71] CHU, EDWARD, US
[71] DOLNICK, BRUCE J., US
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 [25] EN
 [54] **A METHOD OF MANUFACTURING AN OPTICAL FIBER RIBBON, AND AN OPTICAL FIBER RIBBON**
 [54] **RUBAN EN FIBRES OPTIQUES ET METHODE DE FABRICATION**
 [72] ELISSON, PETER, SE
 [72] GUNNARSSON, MAGNUS, SE
 [72] LANNED, MATS, SE
 [72] PINTO, OLIVIER, FR
 [72] FOURNIER, JEROME, FR
 [71] NEXANS, FR
 [22] 2003-11-07
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 [30] FR (02 14 369) 2002-11-18

[21] **2,448,704**
 [13] A1

[51] **Int.Cl. 7A61F 2/44 7A61L 27/04 7A61L 27/06 7A61L 27/14**
 [25] EN
 [54] **ARTIFICIAL SPINAL DISC**
 [54] **DISQUE INTERVERTEBRAL ARTIFICIEL**
 [72] LOZIER, ANTONY, US
 [71] ZIMMER TECHNOLOGY, INC., US
 [22] 2003-11-06
 [41] 2004-05-19
 [30] US (10/299,521) 2002-11-19

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 [13] A1

[51] **Int.Cl. 7A61F 13/02 7C09J 7/00 7C09J 7/02**
 [25] EN
 [54] **PRESSURE-SENSITIVE ADHESIVE SHEET FOR MEDICAL USE AND PROCESS FOR PRODUCING THE SAME**
 [54] **FEUILLE AUTOADHESIVE A USAGE MEDICAL ET PROCEDE DE FABRICATION DE CELLE-CI**
 [72] YAMAMOTO, YUKO, JP
 [72] FURUMORI, KENJI, JP
 [72] YOSHIKAWA, TOSHIYUKI, JP
 [71] NITTO DENKO CORPORATION, JP
 [22] 2003-11-10
 [41] 2004-05-20
 [30] JP (2002-336645) 2002-11-20

[21] **2,448,810**
 [13] A1

[51] **Int.Cl. 7B05B 9/03 7B05B 9/00**
 [25] EN
 [54] **BATTERY PACK FOR BATTERY OPERATED SPRAYER**
 [54] **BLOC-PILES POUR PULVERISATEUR A PILES**
 [72] KRESTINE, JOSEPH R., US
 [72] DEJONGE, DAVID, US
 [71] SAINT-GOBAIN CALMAR INC., US
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 [41] 2004-05-21
 [30] US (10/300,765) 2002-11-21

[21] **2,448,967**
 [13] A1

[51] **Int.Cl. 7A61M 25/00 7A61M 29/00 7A61M 25/09 7A61M 25/10 7A61M 5/14 7A61B 17/34**
 [25] EN
 [54] **COMBINATION THROMBOLYTIC INFUSION CATHETER AND DILATOR SYSTEM**
 [54] **COMBINAISON D'UN CATHETER DE PERFUSION ET D'UN DILATATEUR POUR THROMBOLYSE**
 [72] SCHUR, ISRAEL, US
 [71] ANGIODYNAMICS, INC., US
 [22] 2003-11-12
 [41] 2004-05-19
 [30] US (60/427,603) 2002-11-19
 [30] US (10/348,991) 2003-01-22

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 [13] A1

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 [25] EN
 [54] **REFRACTORY REPAIR MATERIAL BATCH**
 [54] **LOT DE MATERIEL DE REPARATION REFRACTAIRE**
 [72] DALDRUP, HEINRICH GROSSE, DE
 [72] JANSEN, HELGE, DE
 [71] REFRASTECHNIK HOLDING GMBH, DE
 [22] 2003-11-12
 [41] 2004-05-18
 [30] DE (102 53 712.7) 2002-11-18

[21] **2,449,181**
 [13] A1

[51] **Int.Cl. 7B61L 17/00 7B61L 27/00 7G01M 17/00 7G01S 5/14**
 [25] EN
 [54] **METHOD AND APPARATUS OF MONITORING A RAILROAD HUMP YARD**
 [54] **METHODE ET DISPOSITIF DE CONTROLE TRIAGE FERROVIAIRE A BUTTE**
 [72] HAWTHORNE, MICHAEL J., US
 [71] NEW YORK AIR BRAKE CORPORATION, US
 [22] 2003-11-12
 [41] 2004-05-22
 [30] US (10/301,729) 2002-11-22

[21] **2,449,235**
 [13] A1

[51] **Int.Cl. 7C08F 8/04 7C07C 269/00 7C08G 71/04 7C07C 271/28 7B01J 23/46**
 [25] EN
 [54] **HYDROGENATION OF AROMATIC URETHANES IN THE PRESENCE OF A SUPPORTED RUTHENIUM CATALYST**
 [54] **HYDROGENATION D'URETHANES AROMATIQUES EN PRESENCE D'UN CATALYSEUR SUPPORTE A BASE DE RUTHENIUM**
 [72] FINKE, NORBERT, DE
 [72] LOMOELDER, RAINER, DE
 [72] LETTMANN, CHRISTIAN, DE
 [72] STOCHNIOL, GUIDO, DE
 [71] DEGUSSA AG, DE
 [22] 2003-11-14
 [41] 2004-05-18
 [30] DE (102 53 802.6) 2002-11-18

[21] **2,449,287**
 [13] A1

[51] **Int.Cl. 7A61F 2/38 7A61L 27/04 7A61L 27/06 7A61L 27/14**
 [25] EN
 [54] **FEMORAL PROSTHESIS**
 [54] **PROTHESE FEMORALE**
 [72] HARRIS, JAMES C., US
 [72] WALKER, PETER, US
 [72] ANDRIACCHI, THOMAS, US
 [72] DONKERS, RONALD, US
 [72] PATMORE, AUDREY, US
 [72] TAKAI, SHINRO, US
 [72] STEFFENSMEIER, SCOTT J., US
 [72] TANAMAL, LINGGAWATI, US
 [71] ZIMMER TECHNOLOGY, INC., US
 [22] 2003-11-13
 [41] 2004-05-19
 [30] US (10/299,436) 2002-11-19

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[13] A1
[51] **Int.Cl. 7A47L 15/42**
[25] EN
[54] **SNAP ASSEMBLY DISHWASHER BASKET**
[54] **PANIER DE LAVE-VAISSELLE A DISPOSITIFS A PRESSION**
[72] VANLANDINGHAM, WAYNE M., US
[72] RACHES, SCOTT D., US
[71] MAYTAG CORPORATION, US
[22] 2003-11-13
[41] 2004-05-19
[30] US (10/299,113) 2002-11-19

[21] **2,449,329**
[13] A1
[51] **Int.Cl. 7F16L 21/02 7F16J 15/10 7F16L 23/22**
[25] EN
[54] **SELF-LUBRICATING SEALING RING**
[54] **BAGUE D'ETANCHEITE AUTOLUBRIFIEE**
[72] SUTHERLAND, BRUCE, CA
[71] SUTHERLAND, BRUCE, CA
[22] 2003-11-13
[41] 2004-05-19
[30] US (10/298,660) 2002-11-19

[21] **2,449,331**
[13] A1
[51] **Int.Cl. 7C10L 1/02 7C10L 1/00**
[25] EN
[54] **USE OF AN OXYGENATED PRODUCT AS A SUBSTITUTE OF GAS OIL IN DIESEL ENGINES**
[54] **UTILISATION D'UN PRODUIT OXYGENE COMME PRODUIT DE REMPLACEMENT DU GAZOLE DANS LES MOTEURS DIESELS**
[72] MARCHIONNA, MARIO, IT
[72] PATRINI, RENATA, IT
[72] SANFILIPPO, DOMENICO, IT
[71] SNAMPROGETTI S.P.A., IT
[71] ENI S.P.A., IT
[22] 2003-11-13
[41] 2004-05-22
[30] IT (MI2002A 002481) 2002-11-22

[21] **2,449,335**
[13] A1
[51] **Int.Cl. 7F01D 5/18 7F01D 25/12**
[25] EN
[54] **TURBINE BLADE AND GAS TURBINE**
[54] **AUBE DE TURBINE ET TURBINE A GAZ**
[72] SOECHTING, FRIEDRICH, US
[72] TORII, SHUNSUKE, JP
[72] TOMITA, YASUOKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2003-11-13
[41] 2004-05-20
[30] US (10/299,711) 2002-11-20

[21] **2,449,339**
[13] A1
[51] **Int.Cl. 7F01D 9/02 7B23P 6/00 7B23H 9/10**
[25] EN
[54] **TURBINE NOZZLE SEGMENT AND METHOD OF REPAIRING SAME**
[54] **SEGMENT DE TUYERES DE TURBINE ET METHODE DE REPARATION CONNEXE**
[72] HAGLE, MICHAEL PHILIP, US
[72] CADDELL, JAMES WALTER JR., US
[72] NORTON, BRIAN ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-11-13
[41] 2004-05-20
[30] US (10/300,098) 2002-11-20

[21] **2,449,361**
[13] A1
[51] **Int.Cl. 7B65D 71/52**
[25] EN
[54] **BANDED CONTAINER PACKAGE WITH OPENING FEATURE**
[54] **EMBALLAGE DE CONTENANTS SANGLE AVEC DISPOSITIF D'OUVERTURE**
[72] MARCO, LESLIE S., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-11-13
[41] 2004-05-21
[30] US (10/301,212) 2002-11-21

[21] **2,449,363**
[13] A1
[51] **Int.Cl. 7B60R 27/00**
[25] EN
[54] **D-RING RETAINER**
[54] **ANNEAU DE RETENUE EN D**
[72] TISOL, JAMES S., JR., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-11-13
[41] 2004-05-21
[30] US (60/428,074) 2002-11-21
[30] US (10/632,304) 2003-08-01

[21] **2,449,464**
[13] A1
[51] **Int.Cl. 7C01B 3/24 7C01B 3/00 7C10G 49/22 7C01B 3/50**
[25] EN
[54] **PROCESS AND APPARATUS FOR GENERATING HYDROGEN FROM OIL SHALE**
[54] **METHODE ET APPAREIL DE PRODUCTION D'HYDROGENE A PARTIR DE SCHISTE BITUMINEUX**
[72] PETERSON, OREN V., US
[71] PETERSON, OREN V., US
[22] 2003-11-14
[41] 2004-05-22
[30] US (60/428,609) 2002-11-22
[30] US (10/623,074) 2003-07-18

[21] **2,449,465**
[13] A1
[51] **Int.Cl. 7C07C 263/10 7C07C 265/14**
[25] EN
[54] **PROCESS FOR PREPARING ALIPHATIC ISOCYANATES FROM AROMATIC ISOCYANATES**
[54] **PROCEDE DE PREPARATION D'ISOCYANATES ALIPHATIQUES A PARTIR D'ISOCYANATES AROMATIQUES**
[72] LOMOELDER, RAINER, DE
[72] FINKE, NORBERT, DE
[72] KOHLSTRUK, STEPHAN, DE
[72] KRECZINSKI, MANFRED, DE
[72] SPYROU, EMMANOUIL, DE
[72] STOCHNIOL, GUIDO, DE
[72] LETTMANN, CHRISTIAN, DE
[71] DEGUSSA AG, DE
[22] 2003-11-14
[41] 2004-05-18
[30] DE (102 53 803.4) 2002-11-18

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[13] A1

[51] **Int.Cl. 7A61L 27/44 7A61L 27/04 7A61L 27/06 7A61L 27/10 7A61L 27/14 7A61F 2/30 7A61L 27/40**
[25] EN
[54] **PROSTHETIC DEVICE AND METHOD OF MAKING THE SAME**
[54] **PROTHESE ET METHODE DE FABRICATION**
[72] BLANCHARD, CHERYL, US
[72] HAWKINS, MICHAEL, US
[72] CHARLEBOIS, STEVEN J., US
[72] SWARTS, DALE, US
[71] ZIMMER TECHNOLOGY, INC., US
[22] 2003-11-14
[41] 2004-05-19
[30] US (10/299,435) 2002-11-19

[21] **2,449,540**
[13] A1

[51] **Int.Cl. 7A61K 38/26**
[25] EN
[54] **METHOD OF TREATING LEFT VENTRICULAR DYSFUNCTION**
[54] **METHODE DE TRAITEMENT DE DYSFONCTION DU VENTRICULE GAUCHE**
[72] ELAHI, DARIUSH, US
[72] SHANNON, RICHARD P., US
[71] ELAHI, DARIUSH, US
[71] ALLEGHENY-SINGER RESEARCH INSTITUTE, US
[22] 2003-11-17
[41] 2004-05-19
[30] US (10/299,162) 2002-11-19

[21] **2,449,546**
[13] A1

[51] **Int.Cl. 7C08J 5/18 7C08L 69/00**
[25] EN
[54] **METHOD OF PRODUCING THERMO-PLASTIC POLYCARBONATE FILMS HAVING LOW OPTICAL RETARDATION VALUES**
[54] **METHODE POUR PRODUIRE DES FILMS THERMOPLASTIQUES EN POLYCARBONATE AYANT DE FAIBLES VALEURS DE RETARD OPTIQUE**
[72] COLON, LUIS A., US
[72] LIU, SHU, US
[71] BAYER POLYMERS LLC, US
[22] 2003-11-17
[41] 2004-05-21
[30] US (10/301,175) 2002-11-21

[21] **2,449,549**
[13] A1

[51] **Int.Cl. 7G01N 27/407 7G06F 17/40**
[25] EN
[54] **HYBRID FILM TYPE SENSOR**
[54] **CAPTEUR A FILM HYBRIDE**
[72] MANOUKIAN, MOURAD, US
[72] GINER, JOSE D., US
[72] LACONTI, ANTHONY B., US
[72] PROHASKA, OTTO J., US
[71] PERKINELMER LAS, INC., US
[22] 2003-11-17
[41] 2004-05-18
[30] US (10/289,328) 2002-11-18

[21] **2,449,607**
[13] A1

[51] **Int.Cl. 7B60B 33/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SECURING A CASTER WHEEL**
[54] **METHODE ET DISPOSITIF DE FIXATION DE ROULETTE**
[72] LUCHT, WAYNE, US
[71] MIDWAY DISPLAYS, INC., US
[22] 2003-11-17
[41] 2004-05-19
[30] US (10/299,735) 2002-11-19

[21] **2,449,620**
[13] A1

[51] **Int.Cl. 7G21C 13/02 7G21C 7/12**
[25] EN
[54] **REACTOR HEAD WITH INTEGRAL NOZZLES**
[54] **TETE DE REACTEUR A BUSES INTEGRES**
[72] TANG, JUN, CA
[72] KLARNER, RICHARD GENE, CA
[71] BABCOCK & WILCOX CANADA LTD., CA
[22] 2003-11-17
[41] 2004-05-18
[30] US (10/298,856) 2002-11-18

[21] **2,449,622**
[13] A1

[51] **Int.Cl. 7G06F 3/12 7G06K 15/02 7H04L 12/16 7G06F 13/38**
[25] EN
[54] **PRINTING TO A CLIENT SITE FROM AN APPLICATION RUNNING ON A REMOTE SERVER USING A CLIENT PRINT PROXY**
[54] **IMPRESSION A UN SITE CLIENT A PARTIR D'UNE APPLICATION TOURNANT SUR UN SERVEUR A DISTANCE A L'AIDE D'UN PROGRAMME D'IMPRESSION MANDATAIRE CLIENT**
[72] LEONE, ANTHONY J., III, US
[72] KAVANAGH, DAVID A., US
[71] XEROX CORPORATION, US
[22] 2003-11-17
[41] 2004-05-22
[30] US (10/303,491) 2002-11-22

[21] **2,449,632**
[13] A1

[51] **Int.Cl. 7H01L 27/01 7H01L 33/00 7H01L 27/15 7H01L 51/40 7H01L 21/77**
[25] EN
[54] **METHOD OF FABRICATION OF ELECTRONIC DEVICES USING MICROFLUIDIC CHANNELS**
[54] **METHODE DE FABRICATION DE DISPOSITIFS ELECTRONIQUES A L'AIDE DE CANAUX MICROFLUIDIQUES**
[72] STREET, ROBERT A., US
[72] PAUL, KATERI E., US
[72] WONG, WILLIAM S., US
[72] CHABINYC, MICHAEL L., US
[71] PALO ALTO RESEARCH CENTER, INCORPORATED, US
[22] 2003-11-17
[41] 2004-05-22
[30] US (10/303,551) 2002-11-22

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[13] A1
[51] **Int.Cl. 7G09B 25/06 7G09B 23/00 7B32B 21/14 7G01B 21/20**
[25] EN
[54] **MANUFACTURING OF THREE-DIMENSIONAL TOPOGRAPHICAL SCALE MODELS FOR THE PURPOSE OF SCIENCE**
[54] **FABRICATION DE MODELES TRIDIMENSIONNELS A ECHELLE TOPOGRAPHIQUE A DES FINS SCIENTIFIQUES**
[72] WCISLO, ADAM, CA
[71] WCISLO, ADAM, CA
[22] 2003-11-28
[41] 2004-05-16

[21] **2,449,639**
[13] A1
[51] **Int.Cl. 7B23B 45/00 7B25G 1/00**
[25] EN
[54] **AUXILIARY HANDLE WITH A LASER ALIGNMENT DEVICE FOR DRILLS**
[54] **POIGNEE AUXILIAIRE AVEC DISPOSITIF D'ALIGNEMENT LASER POUR PERCEUSES**
[72] WO, SHUMING, CN
[71] CHERVON INTERNATIONAL TRADING CO. LTD., CN
[22] 2003-11-18
[41] 2004-05-19
[30] CN (02258539.7) 2002-11-19

[21] **2,449,640**
[13] A1
[51] **Int.Cl. 7B23D 49/00**
[25] EN
[54] **RECIPROCATING SAW**
[54] **SCIE ALTERNATIVE**
[72] WANG, HAIQING, CN
[71] POSITEC POWER TOOLS (SUZHOU) CO., LTD, CN
[22] 2003-11-17
[41] 2004-05-18
[30] CN (02 2 58628.8) 2002-11-18

[21] **2,449,760**
[13] A1
[51] **Int.Cl. 7A47B 81/00**
[25] EN
[54] **GUN SAFE WITH CONFIGURABLE INTERIOR**
[54] **COFFRE DE SURETE POUR ARMES A FEU A INTERIEUR CONFIGURABLE**
[72] BEATTIE, PATRICK J., US
[72] KINGSTON, RONALD J., US
[72] CLEVELAND, TERRI P., US
[71] PARIS, CHAD P., US
[72] RHODE, TORSTEN, US
[72] MATIJAS, DANIEL A., US
[72] LYNCH, PETER F., US
[72] OSIECKI, SCOTT W., US
[72] WILDMAN, KELVIN H., US
[72] PALLO, R. DAVID, US
[71] JOHN D. BRUSH & CO., INC., US
[22] 2003-11-18
[41] 2004-05-18
[30] US (60/427,200) 2002-11-18

[21] **2,449,763**
[13] A1
[51] **Int.Cl. 7F02B 75/04 7F02D 15/02**
[25] EN
[54] **VARIABLE STROKE ENGINE**
[54] **MOTEUR A COURSE VARIABLE**
[72] SATO, YOSHIKAZU, JP
[72] YAMADA, YOSHIKAZU, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2003-11-18
[41] 2004-05-20
[30] JP (2002-336292) 2002-11-20
[30] JP (2003-270282) 2003-07-02

[21] **2,449,773**
[13] A1
[51] **Int.Cl. 7B25H 3/02 7B65D 85/00 7E04G 5/00 7E06C 7/14**
[25] EN
[54] **LOCKABLE RAILING TROUGH**
[54] **BAC A GRILLE VERROUILLABLE**
[72] HOUSE, ROBERT D., US
[71] H/T FABRICATORS, L.L.C., US
[22] 2003-11-18
[41] 2004-05-18
[30] US (10/299,125) 2002-11-18

[21] **2,449,827**
[13] A1
[51] **Int.Cl. 7A61M 1/00 7A61B 10/00 7A61K 35/28**
[25] EN
[54] **BONE MARROW ASPIRATION SYSTEM**
[54] **SYSTEME D'ASPIRATION DE LA MOELLE OSSEUSE**
[72] VOELLMICKE, JOHN C., US
[72] PELLEGRINO, RICHARD C., US
[71] DEPUY ACROMED, INC., US
[22] 2003-11-18
[41] 2004-05-18
[30] US (10/298,371) 2002-11-18

[21] **2,449,835**
[13] A1
[51] **Int.Cl. 7A23L 1/20 7A23B 7/02**
[25] EN
[54] **METHOD FOR PRODUCING A DEHYDRATED WHOLE FOOD PRODUCT**
[54] **METHODE DE PREPARATION D'UN PRODUIT ALIMENTAIRE ENTIER DESHYDRATE**
[72] MARGOLIS, GEOFFREY, US
[71] MARGOLIS, GEOFFREY, US
[22] 2003-11-18
[41] 2004-05-19
[30] US (10/300197) 2002-11-19

[21] **2,449,838**
[13] A1
[51] **Int.Cl. 7F28D 20/00 7C09K 5/00**
[25] EN
[54] **HEAT STORAGE APPARATUS**
[54] **DISPOSITIF DE STOCKAGE THERMIQUE**
[72] KUDO, TOMOHIDE, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2003-11-18
[41] 2004-05-22
[30] JP (2002-339963) 2002-11-22

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[21] **2,449,876**
[13] A1

[51] **Int.Cl. 7H01H 85/25 7H01H 9/20 7H02B 1/26**
[25] EN
[54] **FUSE BLOCK WITH DOOR SENSING ROTARY DISCONNECT**
[54] **BLOC DE FUSIBLES AVEC DECONNEXION D'ELEMENT TOURNANT DE DETECTION DE FERMETURE DE PORTE**
[72] HOUCK, THEODORE JOHN III, US
[71] ROCKWELL AUTOMATION TECHNOLOGIES, INC., US
[22] 2003-11-17
[41] 2004-05-18
[30] US (10/298,326) 2002-11-18

[21] **2,449,880**
[13] A1

[51] **Int.Cl. 7H02B 1/30 7H01H 85/25**
[25] EN
[54] **FLEXIBLE CABLE OPERATED FUSE SWITCH**
[54] **COUPE-CIRCUIT A FUSIBLE INCORPORE ACTIONNE PAR CABLE SOUPLE**
[72] HOUCK, THEODORE JOHN III, US
[71] ROCKWELL AUTOMATION TECHNOLOGIES, INC., US
[22] 2003-11-17
[41] 2004-05-18
[30] US (10/298,353) 2002-11-18

[21] **2,449,886**
[13] A1

[51] **Int.Cl. 7B21D 9/00**
[25] EN
[54] **CURLING MACHINE PROVIDED WITH AN ADJUSTING DEVICE FOR EVENLY WINDING ELONGATED WORKPIECES INTO SPIRALS**
[54] **MACHINE A FRISER MUNIE D'UN DISPOSITIF DE REGLAGE POUR L'ENROULEMENT UNIFORME EN SPIRALES DE PIECES ALLONGEES**
[72] CAPORUSSO, ALESSANDRO, IT
[71] CML INTERNATIONAL S.P.A., IT
[22] 2003-11-18
[41] 2004-05-19
[30] IT (RM 2002 A 000580) 2002-11-19

[21] **2,449,901**
[13] A1

[51] **Int.Cl. 7B26B 29/02 7B26B 3/00**
[25] EN
[54] **SAFETY CUTTING APPARATUS**
[54] **DISPOSITIF DE COUPE DE SECURITE**
[72] VOTOLATO, EARL, US
[71] SPELLBOUND DEVELOPMENT GROUP, US
[22] 2003-11-19
[41] 2004-05-19
[30] US (10/300,382) 2002-11-19

[21] **2,449,904**
[13] A1

[51] **Int.Cl. 7B61D 17/00 7B60R 19/00**
[25] EN
[54] **RAIL VEHICLE, IN PARTICULAR LIGHTWEIGHT MOTOR CAR**
[54] **VEHICULE FERROVIAIRE, EN PARTICULIER AUTORAIL LEGER**
[72] BREMEKAMP, UDO, DE
[72] BOLINTH, HANS, DE
[72] KAMMLER, MICHAEL, DE
[72] LINDERMUTH, WALTER, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2003-11-19
[41] 2004-05-21
[30] DE (10254440.9) 2002-11-21

[21] **2,449,907**
[13] A1

[51] **Int.Cl. 7B29C 45/20**
[25] EN
[54] **IN-LINE VALVE GATED NOZZLE**
[54] **BUSE A OBTURATEUR EN LIGNE**
[72] BABIN, DENIS, CA
[72] OLARU, GEORGE, CA
[71] MOLD-MASTERS LIMITED, CA
[22] 2003-11-19
[41] 2004-05-21
[30] US (60/427924) 2002-11-21

[21] **2,449,918**
[13] A1

[51] **Int.Cl. 7B29C 65/00 7B29D 12/00 7B29D 31/00**
[25] EN
[54] **APPARATUS AND METHOD FOR MOVING FRAMEWORKS BETWEEN WORKSTATIONS**
[54] **DISPOSITIF ET METHODE DE DEPLACEMENT DE CHASSIS ENTRE POSTES DE TRAVAIL**
[72] RAMNAUTH, VINODE, CA
[72] GIMELSSTEIN, LEON, CA
[71] PRO-LINE AUTOMATION SYSTEM LTD., CA
[22] 2003-11-17
[41] 2004-05-19
[30] US (60/427,236) 2002-11-19

[21] **2,449,921**
[13] A1

[51] **Int.Cl. 7B24B 9/20 7B24B 27/04 7B29C 37/04 7B23C 3/12**
[25] EN
[54] **COMBINATION OF SUPPORT POST ASSEMBLY AND TOOLS SUPPORTED THEREBY**
[54] **ENSEMBLE DE POTEAU DE SUPPORT COMBINE ET OUTILS AINSI SUPPORTES**
[72] GIMELSSTEIN, LEON, CA
[72] RAMNAUTH, VINODE, CA
[71] PRO-LINE AUTOMATION SYSTEM LTD., CA
[22] 2003-11-17
[41] 2004-05-19
[30] US (60/427,241) 2002-11-19

[21] **2,449,923**
[13] A1

[51] **Int.Cl. 7E05B 47/00 7E05B 1/00 7E05B 65/10 7E05B 17/22**
[25] EN
[54] **DOOR HANDLE ACTUATED ELECTRONIC EGRESS SYSTEM**
[54] **SYSTEME D'EVACUATION ELECTRONIQUE ACTIONNE PAR POIGNEE DE PORTE**
[72] SPRAGUE, GARY, US
[71] C.R. LAURENCE COMPANY, INC., US
[22] 2003-11-17
[41] 2004-05-18
[30] US (10/299,422) 2002-11-18

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[21] **2,449,946**
[13] A1
[51] **Int.Cl. 7C04B 7/02**
[25] EN
[54] **HYDRAULIC FIXING AGENT AND METHOD FOR REDUCING THE COHESION OF A LAYER OF BONDED FIXING AGENT**
[54] **LIANT HYDRAULIQUE ET METHODE DE REDUCTION DE LA COHESION D'UNE COUCHE DE LIANT LIAISONNE**
[72] KOELLIKER, ROBERT, CH
[72] ZEMP, JOSEF, CH
[71] ELOTEX AG, CH
[22] 2003-11-19
[41] 2004-05-20
[30] DE (102 54 232.5) 2002-11-20
[30] DE (102 58 181.9) 2002-12-12

[21] **2,449,969**
[13] A1
[51] **Int.Cl. 7C08L 31/04 7C08L 23/02 7C08K 5/04 7C08L 23/08 7C08L 23/12 7C08J 5/16**
[25] EN
[54] **RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE**
[72] ONISHI, HIDESHI, JP
[72] SOUGAWA, MASASHI, JP
[71] THE NIPPON SYNTHETIC CHEMICAL INDUSTRY CO., LTD., JP
[22] 2003-11-18
[41] 2004-05-19
[30] JP (334876/2002) 2002-11-19

[21] **2,450,039**
[13] A1
[51] **Int.Cl. 7B29C 45/20**
[25] EN
[54] **NOZZLE WITH THERMALLY CONDUCTIVE DEVICE**
[54] **BUSE A DISPOSITIF THERMOCONDUCTEUR**
[72] BABIN, DENIS, CA
[71] MOLD-MASTERS LIMITED, CA
[22] 2003-11-18
[41] 2004-05-21
[30] US (60/427,958) 2002-11-21

[21] **2,450,045**
[13] A1
[51] **Int.Cl. 7F24C 7/02**
[25] EN
[54] **MICROWAVE OVEN**
[54] **FOUR MICRO-ONDES**
[72] KIM, YANG KYEONG, KR
[72] LEE, DONG HEON, KR
[72] KIM, WAN SOO, KR
[72] LEE, SANG RYUL, KR
[71] LG ELECTRONICS INC., KR
[22] 2003-11-18
[41] 2004-05-20
[30] KR (P2002-0072423) 2002-11-20

[21] **2,450,047**
[13] A1
[51] **Int.Cl. 7A47L 9/00 7B01D 45/16 7A47L 9/18**
[25] EN
[54] **SEPARATOR**
[54] **SEPARATEUR**
[72] KREIS, ANTON, DE
[72] ROTH, PAUL, DE
[72] GRASSINGER, HELMUT, DE
[71] PROAIR GMBH GERAETEBAU, DE
[22] 2003-11-18
[41] 2004-05-19
[30] DE (102 53 732.1) 2002-11-19

[21] **2,450,051**
[13] A1
[51] **Int.Cl. 7G08C 19/00 7A61B 5/00 7G06F 19/00**
[25] EN
[54] **LIVING BODY INFORMATION DETECTING TERMINAL CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE TERMINAL DE DETECTION D'INFORMATION SUR DES ORGANISMES VIVANTS**
[72] IJIMA, RYUJI, JP
[72] ISHII, TOMOTADA, JP
[72] MORIYA, KOICHI, JP
[72] OZAKI, TORU, JP
[71] SEIKO INSTRUMENTS INC., JP
[22] 2003-11-18
[41] 2004-05-19
[30] JP (2002-335282) 2002-11-19
[30] JP (2002-379893) 2002-12-27
[30] JP (2003-346060) 2003-10-03

[21] **2,450,052**
[13] A1
[51] **Int.Cl. 7H04L 9/28**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSMITTING REDUCED INFORMATION FROM A CERTIFICATE TO PERFORM ENCRYPTION OPERATIONS**
[54] **SYSTEME ET METHODE DE TRANSMISSION D'INFORMATION REDUITE D'UN CERTIFICAT POUR L'EXECUTION D'OPERATIONS DE CRYPTAGE**
[72] WILLIAMS, ROY, US
[72] PEREIRA, JORGE, US
[72] BATTHISH, KARIM MICHEL, US
[72] HALLIN, PHILIP J., US
[72] SIE, YU LIN, US
[71] MICROSOFT CORPORATION, US
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[41] 2004-05-20
[30] US (60/428,080) 2002-11-20
[30] US (10/462,117) 2003-06-13

[21] **2,450,054**
[13] A1
[51] **Int.Cl. 7G08C 19/00 7A61B 5/00 7H02M 9/00 7G06F 17/40**
[25] EN
[54] **LIVING BODY INFORMATION MEASURING SYSTEM**
[54] **SYSTEME DE MESURE D'INFORMATION SUR UN CORPS VIVANT**
[72] IJIMA, RYUJI, JP
[72] MORIYA, KOICHI, JP
[71] SEIKO INSTRUMENTS INC., JP
[22] 2003-11-18
[41] 2004-05-19
[30] JP (2002-335284) 2002-11-19
[30] JP (2003-334643) 2003-09-26
[30] JP (2003-002151) 2003-01-08

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[21] **2,450,056**
[13] A1

[51] **Int.Cl. 7H04L 9/32**
[25] EN
[54] **SECURELY PROCESSING CLIENT CREDENTIALS USED FOR WEB-BASED ACCESS TO RESOURCES**
[54] **TRAITEMENT SECURISE DES DROITS D'ACCES DE CLIENTS A DES RESSOURCES DU WEB**
[72] SIMPSON, RUSSELL LEE JR., US
[72] WARD, RICHARD B., US
[72] BATHISH, KAMIR MICHEL, US
[72] BRACEWELL, SHAWN DEREK, US
[71] MICROSOFT CORPORATION, US
[22] 2003-11-18
[41] 2004-05-20
[30] US (60/428,152) 2002-11-20
[30] US (10/459,863) 2003-06-12

[21] **2,450,057**
[13] A1

[51] **Int.Cl. 7A45D 20/12 7A45D 20/00**
[25] EN
[54] **HANDS-FREE STYLIST STAND**
[54] **SUPPORT A SECHE-CHEVEUX MAINS LIBRES**
[72] VANDETTE, LILLIANE, CA
[72] VANDETTE REYNOLDS, ANNE, CA
[71] VANDETTE, LILLIANE, CA
[71] VANDETTE REYNOLDS, ANNE, CA
[22] 2003-11-18
[41] 2004-05-20
[30] CA (2,412,402) 2002-11-20

[21] **2,450,062**
[13] A1

[51] **Int.Cl. 7B64D 15/20 7G01K 3/00 7G01W 1/00 7G01W 1/02 7G01K 7/16**
[25] EN
[54] **THERMAL ICING CONDITIONS DETECTOR**
[54] **DETECTEUR THERMIQUE DE CONDITIONS DE GIVRAGE**
[72] SEVERSON, JOHN A., US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2003-11-18
[41] 2004-05-19
[30] US (10/299,207) 2002-11-19

[21] **2,450,082**
[13] A1

[51] **Int.Cl. 7A61K 7/06 7A61K 7/00 7A61K 7/075 7A61K 35/78**
[25] EN
[54] **COSMETIC COMPOSITION, ESPECIALLY FOR DARK HAIR**
[54] **COMPOSITION COSMETIQUE, POUR CHEVEUX FONCES EN PARTICULIER**
[72] MASIERO, SILVANA, BR
[71] JOHNSON & JOHNSON INDUSTRIAL LTDA., BR
[22] 2003-11-19
[41] 2004-05-21
[30] BR (PI0206328-0) 2002-11-21

[21] **2,450,083**
[13] A1

[51] **Int.Cl. 7A47K 3/02 7A47K 3/00 7A47K 3/12**
[25] EN
[54] **SANITARY TUB**
[54] **CUVE SANITAIRE**
[72] SIEGER, CHRISTIAN, DE
[72] SIEGER, MICHAEL, DE
[71] FRANZ KALDEWEI GMBH & CO., DE
[22] 2003-11-19
[41] 2004-05-19
[30] DE (102 54 004.7) 2002-11-19

[21] **2,450,088**
[13] A1

[51] **Int.Cl. 7A43B 9/02 7D05B 15/02 7A43B 3/12**
[25] EN
[54] **SHOE HAVING REVERSE OPANKA STITCHING AND METHOD OF MAKING THE SHOE**
[54] **CHAUSSURE A POINTS OPANKA INVERSES ET METHODE DE FABRICATION DE LA CHAUSSURE**
[72] ISSLER, DAVID C., US
[71] COLUMBIA INSURANCE COMPANY, US
[22] 2003-11-19
[41] 2004-05-20
[30] US (10/300,524) 2002-11-20

[21] **2,450,099**
[13] A1

[51] **Int.Cl. 7E04C 3/12 7E06B 1/36**
[25] EN
[54] **WINDOW LATCH MOUNTING ARRANGEMENT**
[54] **ENSEMBLE DE FIXATION DE LOQUET DE FENETRE**
[72] ELLIS, FREDERICK G., CA
[72] HIEBERT, GERALD BRUCE, CA
[71] INDUTEC ALCHEMIST (1987) INC., CA
[22] 2003-11-17
[41] 2004-05-20
[30] US (10/299,666) 2002-11-20

[21] **2,450,112**
[13] A1

[51] **Int.Cl. 7D04G 1/02**
[25] EN
[54] **METHOD FOR PERFORMING KNOTS OF RETAINING NETS SUCH AS ROCKS RETAINING NETS AND THE LIKE, KNOT OBTAINED BY THE METHOD AND JUNCTION FOR A KNOT OF A RETAINING NET**
[54] **METHODE DE REALISATION DE NOEUDS POUR FILETS DE RETENUE TELS QUE FILETS DE RETENUE DE ROCHES ET AUTRES DU MEME GENRE, NOEUD OBTENU PAR CETTE METHODE ET LIAISON POUR UN NOEUD DE FILET DE RETENUE**
[72] RUSSO, VITALIANO, IT
[71] SINCRON S.R.L., IT
[22] 2003-11-17
[41] 2004-05-19
[30] EP (02425710.7) 2002-11-19

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[13] A1
[51] **Int.Cl. 7H04L 12/66 7H04L 12/12 7H04M 3/493 7H04M 3/533 7H04L 12/54**
[25] EN
[54] **TECHNIQUE FOR ASSISTING A USER WITH INFORMATION SERVICES AT AN INFORMATION/ CALL CENTER**
[54] **TECHNIQUE POUR FOURNIR A UN UTILISATEUR DES SERVICES D'INFORMATION A UN CENTRE D'INFORMATION/D'APPELS**
[72] MILLER, JOHN S., US
[72] HUEY, CHRISTOPHER A., US
[72] TIMMINS, TIMOTHY A., US
[71] METRO ONE TELECOMMUNICATIONS, INC., US
[22] 2003-11-17
[41] 2004-05-18
[30] US (60/427,256) 2002-11-18
[30] US (60/447,387) 2003-02-14
[30] US (10/396,016) 2003-03-25

[21] **2,450,150**
[13] A1
[51] **Int.Cl. 7C08L 63/08 7C09D 163/00 7C08F 283/00 7C08J 5/00 7C09J 163/00 7C08K 9/00 7C08L 63/00 7C08F 255/02 7C08K 7/02 7C08J 7/04 7C08F 10/06 7C08K 7/10 7C08L 23/12 7C08J 5/18**
[25] EN
[54] **POLYMERIC NANOCOMPOSITES**
[54] **NANOCOMPOSITES POLYMERES**
[72] TON-THAT, MINH-TAN, CA
[72] UTRACKI, KENNETH COLE, CA
[72] COLE, KENNETH, CA
[72] DENAULT, JOHANNE, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2003-11-19
[41] 2004-05-22
[30] US (60/428,253) 2002-11-22

[21] **2,450,153**
[13] A1
[51] **Int.Cl. 7B62B 17/02 7A63C 5/00**
[25] EN
[54] **SNOWMOBILE SKI HAVING A SELF-STEERING KEEL ARRANGEMENT**
[54] **SKI DE MOTONEIGE A MECANISME DE QUILLE AUTO-DIRECTEUR**
[72] MORRISSETTE, LUC, CA
[72] PICARD, CHRISTIAN, CA
[72] TURGEON, JIMMY, CA
[72] MEUNIER, ANDRE, CA
[71] GROUPE PPD INC., CA
[22] 2003-11-19
[41] 2004-05-21
[30] US (60/431,175) 2002-11-21

[21] **2,450,155**
[13] A1
[51] **Int.Cl. 7G01V 3/16**
[25] EN
[54] **AIRBORNE ELECTROMAGNETIC TIME DOMAIN SYSTEM, COMPUTER PRODUCT AND METHOD**
[54] **SYSTEME ELECTROMAGNETIQUE AEROPORTE FONCTIONNANT DANS LE DOMAINE TEMPOREL, PRODUIT INFORMATIQUE ET METHODE**
[72] MORRISON, EDWARD BEVERLY, CA
[72] TISHIN, PAVEL, CA
[72] KUZIM, PETR VALENTINOVICH, CA
[71] MORRISON, EDWARD BEVERLY, CA
[22] 2003-11-20
[41] 2004-05-20
[30] US (60/427,577) 2002-11-20

[21] **2,450,166**
[13] A1
[51] **Int.Cl. 7F21L 4/02 7H05B 33/02 7F21V 14/02 7F21V 23/04**
[25] EN
[54] **A MOBILE LAMP**
[54] **LAMPE MOBILE**
[72] TWARDAWSKI, HARALD, DE
[71] MELLERT SLT GMBH & CO. KG, DE
[22] 2003-11-20
[41] 2004-05-22
[30] DE (102 54 634.7) 2002-11-22

[21] **2,450,176**
[13] A1
[51] **Int.Cl. 7A61N 1/05 7A61N 1/36**
[25] EN
[54] **STIMULATION ELECTRODE AND ITS USE**
[54] **ELECTRODE DE STIMULATION ET UTILISATION DE CETTE ELECTRODE**
[72] SPECHT, HEIKO, DE
[72] KRUEGER, FRANK, DE
[72] FRERICKS, MATTHIAS, DE
[71] W.C. HERAEUS GMBH & CO. KG, DE
[22] 2003-11-20
[41] 2004-05-20
[30] DE (102 54 287.2-33) 2002-11-20

[21] **2,450,183**
[13] A1
[51] **Int.Cl. 7F16D 3/66 7F16D 11/00 7F16D 47/00**
[25] EN
[54] **FLEXIBLE COUPLING BETWEEN AN INPUT SHAFT AND AN OUTPUT SHAFT**
[54] **ACCOUPEMENT SOUPLE DE DEUX ARBRES**
[72] ANTCHAK, JOHN R., CA
[72] JANSEN, CHRISTIAN, CA
[71] LITENS AUTOMOTIVE, CA
[22] 2003-11-19
[41] 2004-05-22
[30] US (60/428,467) 2002-11-22
[30] US (60/455,469) 2003-03-17
[30] US (60/485,664) 2003-07-08

[21] **2,450,191**
[13] A1
[51] **Int.Cl. 7B62B 7/04 7B62B 9/00 7B62B 7/10**
[25] EN
[54] **TANDEM STROLLER WITH SIDE ENTRY AND ASSOCIATED FOLD ACTUATOR**
[54] **POUSSETTE A DEUX PLACES A ACCES LATERAL ET ACTIONNEUR DE PLIAGE CONNEXE**
[72] FAIR, PAUL, US
[72] FOX, DANIEL, US
[71] EVENFLO COMPANY, INC., US
[22] 2003-11-19
[41] 2004-05-19
[30] US (10/299,913) 2002-11-19

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[21] **2,450,195**
[13] A1

[51] **Int.Cl. 7G01S 5/14 7A61B 6/12**
[25] EN
[54] **DYNAMIC METAL IMMUNITY**
[54] **IMMUNITE DYNAMIQUE**
CONTRE LES METAUX
[72] GOVARI, ASSAF, IL
[71] BIOSENSE, INC., US
[22] 2003-11-19
[41] 2004-05-22
[30] US (10/302,112) 2002-11-22

[21] **2,450,252**
[13] A1

[51] **Int.Cl. 7H05B 6/80 7F24C 7/02 7H05B 6/70**
[25] EN
[54] **MICROWAVE DELIVERY SYSTEM FOR A COOKING APPLIANCE**
[54] **SYSTEME DE TRANSMISSION MICRO-ONDES POUR APPAREIL DE CUISSON**
[72] WHIPPLE, ROBERT Z., JR., US
[71] MAYTAG CORPORATION, US
[22] 2003-11-19
[41] 2004-05-20
[30] US (10/299,677) 2002-11-20

[21] **2,450,266**
[13] A1

[51] **Int.Cl. 7A61J 1/00**
[25] EN
[54] **LONG-TERM URINE COLLECTION SYSTEM**
[54] **SYSTEME POUR RECUEILLIR L'URINE A LONG TERME**
[72] SARSTEDT, WALTER, DE
[71] SARSTEDT AG & CO., DE
[22] 2003-11-19
[41] 2004-05-20
[30] EP (02025930.5) 2002-11-20

[21] **2,450,275**
[13] A1

[51] **Int.Cl. 7B65D 81/03 7B32B 27/32**
[25] EN
[54] **HIGH STRENGTH HIGH GAS BARRIER CELLULAR CUSHIONING PRODUCT**
[54] **AMORTISSEUR ALVEOLAIRE A BARRIERE GAZEUSE TRES RESISTANT**
[72] METTA, MIKE, US
[72] O'DOWD, BOB, US
[54] KANNANKERIL, CHARLES, US
[71] SEALED AIR CORPORATION, US
[22] 2003-11-19
[41] 2004-05-22
[30] US (10/302,004) 2002-11-22
[30] US (10/648,113) 2003-08-26

[21] **2,450,278**
[13] A1

[51] **Int.Cl. 7H01H 9/02 7H01H 71/02**
[25] EN
[54] **SYSTEM, DEVICE, AND METHOD FOR SECURING A CIRCUIT BREAKER ACTUATOR**
[54] **SYSTEME, DISPOSITIF ET METHODE DE SECURITE POUR UN ACTIONNEUR DE DISJONCTEUR**
[72] MCCOY, BRIAN TIMOTHY, US
[71] SIEMENS ENERGY & AUTOMATION, INC., US
[22] 2003-11-20
[41] 2004-05-22
[30] US (60/428,532) 2002-11-22
[30] US (10/716,715) 2003-11-19

[21] **2,450,279**
[13] A1

[51] **Int.Cl. 7B67D 5/56 7A61C 19/00 7B01F 5/04**
[25] EN
[54] **DEVICE FOR MIXING AND DISPENSING MULTI-COMPONENT COMPOSITIONS**
[54] **DISPOSITIF DE MELANGE ET DE DISTRIBUTION DE COMPOSITIONS A CONSTITUANTS MULTIPLES**
[72] HOERTH, HANS, DE
[72] HOEHNK, HANS-DIETER, DE
[72] REUSS, STEFFEN, DE
[71] ERNST MUEHLBAUER GMBH & CO. KG, DE
[22] 2003-11-19
[41] 2004-05-21
[30] DE (102 54 409.3) 2002-11-21

[21] **2,450,290**
[13] A1

[51] **Int.Cl. 7G01R 31/08 7H02H 3/16**
[25] EN
[54] **ELECTRICAL FAULT DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE DEFAUT ELECTRIQUE**
[72] COLBY, ROY STEPHEN, US
[72] BROWN, SCOTT R., US
[72] HUNTER, KYLE P., US
[71] SQUARE D COMPANY, US
[22] 2003-11-21
[41] 2004-05-22
[30] US (60/428,537) 2002-11-22

[21] **2,450,299**
[13] A1

[51] **Int.Cl. 7G01P 3/38 7B64D 39/00 7G01C 11/12 7G06T 7/20**
[25] EN
[54] **METHOD AND APPARATUS FOR COVERTLY DETERMINING THE RATE OF RELATIVE MOTION BETWEEN TWO OBJECTS**
[54] **METHODE ET APPAREIL DE DETERMINATION SECRETE DE LA VITESSE DE DEPLACEMENT RELATIF DE DEUX OBJETS**
[72] VON THAL, GERMAN, US
[72] ROBERTS, GREGORY A., US
[71] THE BOEING COMPANY, US
[22] 2003-11-21
[41] 2004-05-22
[30] US (10/301,950) 2002-11-22

[21] **2,450,300**
[13] A1

[51] **Int.Cl. 7G01L 3/10**
[25] EN
[54] **TORQUE SENSOR AND METHOD OF MANUFACTURING TORQUE SENSOR**
[54] **DETECTEUR DE COUPLE ET METHODE DE FABRICATION D'UN DETECTEUR DE COUPLE**
[72] FUKUI, NAOKI, JP
[72] NAKATANI, NORIO, JP
[72] NAKAJIMA, TERUKAZU, JP
[72] YAMAMOTO, MASAYUKI, JP
[72] SANADA, TAKAHIRO, JP
[71] FINESINTER CO., LTD., JP
[71] KOYO SEIKO CO., LTD., JP
[22] 2003-11-20
[41] 2004-05-20
[30] JP (2002-336567) 2002-11-20

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[13] A1
[51] **Int.Cl. 7A61L 9/14**
[25] EN
[54] **AIR FRESHENER**
[54] **ASSAINISSEUR D'AIR**
[72] BULSINK, DIRK JAN, NL
[71] SARA LEE/DE N.V., NL
[22] 2003-11-21
[41] 2004-05-22
[30] NL (1021979) 2002-11-22

[21] **2,450,321**
[13] A1
[51] **Int.Cl. 7G01R 31/327 7H01H 83/00**
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[25] EN
[54] **ARC FAULT TESTER**
[54] **TESTEUR DE DEFAUT D'ARC**
[72] GLOSTER, WILLIAM, US
[72] RESTREPO, CARLOS, US
[71] SIEMENS ENERGY &
AUTOMATION, INC., US
[22] 2003-11-20
[41] 2004-05-22
[30] US (60/428,565) 2002-11-22
[30] US (10/453,105) 2003-06-03

[21] **2,450,323**
[13] A1
[51] **Int.Cl. 7B29C 47/04 7B65D 81/03**
7B29C 47/06 7B32B 31/20 7B32B 27/28
[25] EN
[54] **PROCESS FOR MAKING AND**
AGING HIGH STRENGTH HIGH GAS
BARRIER CELLULAR CUSHIONING
PRODUCT
[54] **METHODE DE FABRICATION ET**
DE VIEILLISSEMENT D'UN PRODUIT
DE COUSSINAGE CELLULAIRE A
HAUTE RESISTANCE ET A CAPACITE
ELEVEE DE BARRIERE CONTRE LES
GAZ
[72] KANNANKERIL, CHARLES, US
[72] METTA, MIKE, US
[72] O'DOWD, BOB, US
[71] SEALED AIR CORPORATION (US),
US
[22] 2003-11-20
[41] 2004-05-22
[30] US (10/302,004) 2002-11-22
[30] US (10/648,015) 2003-08-26

[21] **2,450,327**
[13] A1
[51] **Int.Cl. 7B65D 1/38 7B65D 25/00**
[25] EN
[54] **WIRE BASKET**
[54] **PANIER EN TREILLIS**
METALLIQUE
[72] REMMERS, LEE E., US
[71] CLAIRSON INC., US
[22] 2003-11-20
[41] 2004-05-21
[30] US (10/301,379) 2002-11-21

[21] **2,450,337**
[13] A1
[51] **Int.Cl. 7G08C 13/00 7E21B 47/12**
[25] EN
[54] **PROVIDING ELECTRICAL**
ISOLATION FOR A DOWNHOLE
DEVICE
[54] **ISOLATION ELECTRIQUE POUR**
DISPOSITIF DE FOND
[72] BROOKS, JAMES E., US
[72] WONG, CHOON FEI, US
[72] LERCHE, NOLAN C., US
[71] SCHLUMBERGER CANADA
LIMITED, CA
[22] 2003-11-21
[41] 2004-05-22
[30] US (60/428,603) 2002-11-22
[30] US (10/717,872) 2003-11-20

[21] **2,450,388**
[13] A1
[51] **Int.Cl. 7B01D 37/00 7B30B 9/06**
7C11B 1/10 7B01D 25/12 7A23J 1/14
[25] EN
[54] **FILTRATION OF VEGETABLE**
SLURRIES
[54] **FILTRATION DE BOUILLIES**
VEGETALES
[72] NEWKIRK, REX W., CA
[72] MAENZ, DAVID D., CA
[72] CLASSEN, HENRY L., CA
[71] MCN BIOPRODUCTS INC., CA
[22] 2003-11-24
[41] 2004-05-22
[30] CA (2,412,613) 2002-11-22

[21] **2,450,411**
[13] A1
[51] **Int.Cl. 7B29C 45/20 7B29C 45/03**
[25] EN
[54] **HOT RUNNER NOZZLE WITH A**
TIP, A TIP SURROUNDING PIECE AND
AN ALIGNMENT PIECE
[54] **BUSE A CANAUX CHAUFFES**
AVEC BEC, PIECE ENTOURANT LE
BEC ET PIECE D'ALIGNEMENT
[72] COLONICO, GINO, CA
[72] BABIN, DENIS, CA
[71] MOLD-MASTERS LIMITED, CA
[22] 2003-11-21
[41] 2004-05-21
[30] US (60/427,926) 2002-11-21

[21] **2,450,413**
[13] A1
[51] **Int.Cl. 7F21L 4/00 7F21V 13/00**
7F21V 23/04
[25] EN
[54] **A MOBILE LAMP**
[54] **LAMPE MOBILE**
[72] TWARDAWSKI, HARALD, DE
[71] MELLERT SLT GMBH & CO. KG, DE
[22] 2003-11-21
[41] 2004-05-22
[30] DE (102 54 634.7) 2002-11-22
[30] DE (102 54 630.4) 2002-11-22
[30] DE (103 28 576.8) 2003-06-25

[21] **2,450,416**
[13] A1
[51] **Int.Cl. 7F02D 41/04 7B60K 31/00**
7B60K 31/02 7F02D 9/08
[25] EN
[54] **CONTROL SYSTEM FOR**
OUTBOARD MOTOR
[54] **SYSTEME DE COMMANDE POUR**
MOTEUR HORS-BORD
[72] KATAYAMA, GOICHI, JP
[71] YAMAHA MARINE KABUSHIKI
KAISHA, JP
[22] 2003-11-21
[41] 2004-05-21
[30] JP (2002-337999) 2002-11-21

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16 mai 2004 - 22 mai 2004

[21] **2,450,421**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04B 13/00**
[25] EN
[54] **PHYSICAL CAPACITY AGGREGATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE REGROUPEMENT DE CAPACITE PHYSIQUE**
[72] PENG, WANG-HSIN, CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2003-11-21
[41] 2004-05-22
[30] US (10/301,681) 2002-11-22

[21] **2,450,424**
[13] A1

[51] **Int.Cl. 7F21L 4/00 7F21V 21/084**
[25] EN
[54] **A HEAD LAMP**
[54] **LAMPE FRONTALE**
[72] TWARDAWSKI, HARALD, DE
[71] MELLERT SLT GMBH & CO. KG, DE
[22] 2003-11-21
[41] 2004-05-22
[30] DE (102 54 630.4) 2002-11-22

[21] **2,450,426**
[13] A1

[51] **Int.Cl. 7B29C 65/18**
[25] EN
[54] **FABRIC HOLDING ASSEMBLY AND MANUFACTURING PROCESS**
[54] **SUPPORT DE TISSU ET PROCESSUS DE FABRICATION**
[72] LONGSTREET, KENNETH A., US
[72] SAYERS, RANDY J., US
[72] LEVEY, KENNETH R., US
[72] TREMBLAY, PIERRE, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-11-21
[41] 2004-05-22
[30] US (60/428,599) 2002-11-22
[30] US (10/657,518) 2003-09-08

[21] **2,450,436**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 9/32**
[25] EN
[54] **SECURE PAYMENT SUSTEM AND METHOD HAVING ONE-TIME USE AUTHORIZATION**
[54] **SYSTEME ET METHODE DE PAIEMENT SECURISE AVEC AUTORISATION POUR UTILISATION UNIQUE**
[72] MANGIAMELI, CINDY, US
[72] DESMOND, JOHN G., US
[72] FOTH, THOMAS J., US
[71] PITNEY BOWES INC., US
[22] 2003-11-21
[41] 2004-05-22
[30] US (10/302,016) 2002-11-22

[21] **2,450,522**
[13] A1

[51] **Int.Cl. 7F21S 9/03 7F21V 21/00**
[25] EN
[54] **SOLAR POWERED LIGHTING ASSEMBLY**
[54] **ENSEMBLE D'ECLAIRAGE A ALIMENTATION SOLAIRE**
[72] MICHAEL, KENNETH GEORGE, CA
[72] MICHAEL, VERNON GEORGE, CA
[71] MICHAEL, KENNETH GEORGE, CA
[71] MICHAEL, VERNON GEORGE, CA
[22] 2003-11-24
[41] 2004-05-22
[30] US (60/428,276) 2002-11-22

[21] **2,450,546**
[13] A1

[51] **Int.Cl. 7A22B 3/08**
[25] EN
[54] **APPARATUS AND METHOD OF TRANSPORTING AND STUNNING LIFESTOCK**
[54] **APPAREIL ET METHODE DE TRANSPORT ET D'ETOURDISSEMENT DES BESTIAUX**
[72] DRAFT, ROGER, US
[71] DRAFT, ROGER, US
[22] 2003-11-21
[41] 2004-05-22
[30] US (10/302,148) 2002-11-22

[21] **2,450,597**
[13] A1

[51] **Int.Cl. 7H05B 37/02 7F21V 33/00 7B44F 1/06**
[25] EN
[54] **LIQUID-ACTIVATED LIGHTED ICE-CUBE**
[54] **CUBE DE GLACE LUMINEUX ACTIVE PAR LIQUIDE**
[72] LEWIS, EDWARD D., US
[72] WEBBER, CHRISTOPHER A., US
[71] BUZTRONICS, INC., US
[22] 2003-11-24
[41] 2004-05-22
[30] US (60/428,391) 2002-11-22

[21] **2,451,287**
[13] A1

[51] **Int.Cl. 7H05B 41/24 7H05B 41/36**
[25] EN
[54] **OPERATING METHOD AND SYSTEM FOR THE RESONANT OPERATION OF HIGH -PRESSURE LAMPS IN LONGITUDINAL MODE**
[54] **METHODE ET SYSTEME PERMETTANT DE FAIRE FONCTIONNER DES LAMPES HAUTE PRESSION AU POINT DE RESONANCE DANS LE MODE LONGITUDINAL**
[72] STOCKWALD, KLAUS, DE
[72] KAESTLE, HERBERT, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2003-11-18
[41] 2004-05-19
[30] DE (102 53 904.9) 2002-11-19

[21] **2,451,289**
[13] A1

[51] **Int.Cl. 7H01J 61/44 7H01J 61/04 7C09K 11/70**
[25] EN
[54] **DIELECTRIC BARRIER DISCHARGE LAMP AND THE USE OF THIS LAMP FOR VIEWING X-RAYS**
[54] **LAMPE A DECHARGE A BARRIERE DIELECTRIQUE ET UTILISATION DE CETTE LAMPE POUR L'EXAMEN DE RADIOGRAPHIES**
[72] CUSTODIS, UDO, DE
[72] VON KRIEGLSTEIN, KUNZ, DE
[72] HIRRLE, RENATE, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2003-11-18
[41] 2004-05-20
[30] DE (102 54 208.2) 2002-11-20

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[21] **2,454,989**
[13] A1

[51] **Int.Cl. 7F41B 5/22**
[25] EN
[54] **ARROW REST FRAME WITH
MULTIPLE SUPPORTS**
[54] **ARMATURE D'APPUIE-FLECHE A
SUPPORTS MULTIPLES**
[72] GRAF, STEPHEN CHARLES, US
[71] CAROLINA ARCHERY PRODUCTS,
INC., US
[22] 2004-01-09
[41] 2004-05-22
[30] US (10/413843) 2003-04-15

[21] **2,457,396**
[13] A1

[51] **Int.Cl. 7B65F 3/14**
[25] EN
[54] **REAR LOADER VARIABLE
PACKING DENSITY SYSTEM**
[54] **SYSTEME DE COMPACTION A
TASSEMENT VARIABLE A
CHARGEMENT ARRIERE**
[72] BARTLETT, WILLIAM P., US
[71] MCNEILUS TRUCK AND
MANUFACTURING, INC., US
[22] 2004-03-02
[41] 2004-05-16
[30] US (10/389,195) 2003-03-14

[21] **2,455,156**
[13] A1

[51] **Int.Cl. 7A01N 63/00**
[25] EN
[54] **SYSTEM FOR PROVIDING
BENEFICIAL INSECTS OR MITES**
[54] **SYSTEME DE FOURNITURE
D'INSECTES OU D'ACARIENS UTILES**
[72] WRIGHT, IRVINE, GB
[71] SYNGENTA BIOLINE LIMITED, GB
[22] 2004-02-17
[41] 2004-05-18

[21] **2,457,240**
[13] A1

[51] **Int.Cl. 7F16J 15/10 7B01D 27/08**
[25] EN
[54] **IMPROVED SEALING
MECHANISM AND FILTER
CARTRIDGE WITH IMPROVED
SEALING MECHANISM**
[54] **MECANISME DE JOINT
AMELIORE ET CARTOUCHE
FILTRANTE A MECANISME DE JOINT
AMELIORE**
[72] RAMPEN, EDMOND LEVESON, CA
[71] ENVIROGARD PRODUCTS
LIMITED, CA
[22] 2004-02-09
[41] 2004-05-16
[30] US (UNKNOWN) 2003-12-17

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[13] A1
[51] **Int.Cl. 7C07C 215/08 7C07C 217/08 7C23C 16/18**
[25] EN
[54] **SELF-REDUCIBLE COPPER(II) SOURCE REAGENTS FOR CHEMICAL VAPOR DEPOSITION OF COPPER METAL**
[54] **REACTEURS SOURCES CUIVRIQUES AUTOREDUCTEURS POUR DEPOT CHIMIQUE EN PHASE VAPEUR DE CUIVRE METAL**
[72] CHI, YUN, TW
[72] LIN, TSUNG-WU, XX
[72] CARTY, ARTHUR J., CA
[72] LIU, CHAO-SHIUAN, XX
[72] HSU, PENG-FU, XX
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] NATIONAL TSING HUA UNIVERSITY, XX
[85] 2002-12-05
[86] 2001-05-31 (PCT/CA2001/000796)
[87] 2001-12-31 (WO2001/094291)
[30] US (09/589,757) 2000-06-09

[21] **2,454,065**
[13] A1
[51] **Int.Cl. 7A61K 7/48 7A61L 15/00 7C11D 17/04 7A61F 13/15**
[25] EN
[54] **PRODUCTS COMPRISING A SHEET AND A LIPID AND AQUEOUS PHASE**
[54] **PRODUITS COMPRENANT UNE FEUILLE, UNE PHASE LIPIDIQUE ET UNE PHASE AQUEUSE**
[72] MARTENS, NICOLAS, DE
[72] HAUSER, MATTHIAS, DE
[71] JOHNSON & JOHNSON GMBH, DE
[85] 2004-03-10
[86] 2002-07-12 (PCT/EP2002/008038)
[87] 2003-01-23 (WO2003/005982)
[30] EP (01202691.0) 2001-07-13

[21] **2,455,143**
[13] A1
[51] **Int.Cl. 7E21B 21/02 7E21B 19/16**
[25] EN
[54] **FLUID COLLECTING DEVICE**
[54] **DISPOSITIF DE COLLECTE DE FLUIDE**
[72] PATON, ALAN STEWART, GB
[71] SUB-DRILL SUPPLY, LIMITED, GB
[85] 2004-02-10
[86] 2003-11-20 (PCT/GB2003/005060)
[87] 2004-05-22 (WO/)
[30] GB (0227281.3) 2002-11-22

[21] **2,456,062**
[13] A1
[51] **Int.Cl. 7A61K 7/48 7A61L 15/00 7C11D 17/04 7A61F 13/15**
[25] EN
[54] **DRY PRODUCTS COMPRISING A SHEET AND TWO PHASES**
[54] **PRODUITS SECS COMPRENANT UNE FEUILLE ET DEUX PHASES**
[72] HAUSER, MATTHIAS, DE
[72] MARTENS, NICOLAS, DE
[72] JACKWERTH, BETTINA, DE
[72] LEONARD, MARK, GB
[72] ANSMANN, ACHIM, DE
[72] ISSBERNER, ULRICH, DE
[71] JOHNSON & JOHNSON GMBH, DE
[85] 2004-03-18
[86] 2002-07-12 (PCT/EP2002/008039)
[87] 2003-01-23 (WO2003/005983)
[30] EP (01202692.8) 2001-07-13

[21] **2,456,464**
[13] A1
[51] **Int.Cl. 7E04H 12/22 7E04H 17/22**
[25] EN
[54] **SCREW-IN POST SUPPORT**
[54] **SOUTIEN DE POTEAU VISSANT**
[72] WALKER, SIMON, CA
[72] SUEN, JENKIN, CA
[71] PEAK PRODUCTS MANUFACTURING INC., CA
[85] 2003-08-18
[86] 2003-01-08 (PCT/CA2003/000021)
[87] 2004-05-15 (WO/)

[21] **2,456,828**
[13] A1
[51] **Int.Cl. 7C07K 14/37 7C12N 5/10 7C12N 15/11 7C12N 15/63**
[25] EN
[54] **NOVEL GENETIC PRODUCTS FROM ASHBYA GOSSYPHII, ASSOCIATED WITH THE STRUCTURE OF THE CELL WALL OR THE CYTOSKELETON**
[54] **NOUVEAUX PRODUITS GENIQUES ISSUS D'ASHBYA GOSSYPHII, ASSOCIES A LA CONSTITUTION DE LA PAROI CELLULAIRE ET DU CYTOSQUELETTE**
[72] ALTHOEFER, HENNING, DE
[72] KAROS, MARVIN, DE
[72] KROEGER, BURKHARD, DE
[72] REVUELTA DOVAL, JOSE L., ES
[71] BASF AKTIENGESSELLSCHAFT, DE
[85] 2004-02-17
[86] 2002-08-21 (PCT/EP2002/009355)
[87] 2003-03-06 (WO2003/018626)
[30] DE (101 41 057.3) 2001-08-22
[30] DE (101 41 058.1) 2001-08-22
[30] DE (101 41 060.3) 2001-08-22
[30] DE (101 41 061.1) 2001-08-22
[30] DE (101 41 063.8) 2001-08-22
[30] DE (101 41 064.6) 2001-08-22
[30] DE (101 41 065.4) 2001-08-22
[30] DE (101 41 066.2) 2001-08-22
[30] DE (102 09 827.1) 2002-03-06
[30] DE (102 16 028.7) 2002-04-11
[30] DE (102 16 034.1) 2002-04-11
[30] DE (102 21 906.0) 2002-05-16
[30] DE (102 21 918.4) 2002-05-16
[30] DE (102 21 919.2) 2002-05-16
[30] DE (102 21 921.4) 2002-05-16
[30] DE (102 25 411.7) 2002-06-07

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[13] A1
[51] **Int.Cl. 7A61K 39/00 7A61P 25/28
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[25] EN
[54] **NOVEL METHOD FOR DOWN-
REGULATION OF AMYLOID
REGULATION OF AMYLOID
REGULATION NEGATIVE
D'AMYLOIDE**
[72] NIELSEN, KLAUS GREGORIUS, DK
[72] DEGAN, FLORENCE DAL, DK
[72] KOEFOED, PETER, DK
[72] RASMUSSEN, PETER BIRK, DK
[72] JENSEN, MARTIN ROLAND, DK
[71] PHARMEXA A/S, DK
[85] 2004-02-18
[86] 2002-08-20 (PCT/DK2002/000547)
[87] 2004-02-27 (WO2003/015812)
[30] DK (PA 2001 01231) 2001-08-20
[30] US (60/337,543) 2001-10-22
[30] DK (PA 2002 00558) 2002-04-16
[30] US (60/373,027) 2002-04-16

[21] **2,457,362**
[13] A1
[51] **Int.Cl. 7C12N 15/13 7C12P 21/02
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7A61P 31/14 7A61K 39/395 7C07K 16/46
7C12N 15/62 7C12N 15/63**
[25] EN
[54] **RECOMBINANT ANTIBODIES,
AND COMPOSITIONS AND METHODS
FOR MAKING AND USING THE SAME
ANTICORPS DE
RECOMBINAISON, COMPOSITIONS
ET TECHNIQUES DE FABRICATION
ET D'UTILISATION DE CES
ANTICORPS**
[72] DIETZSCHOLD, BERNHARD, US
[72] HOOPER, DOUGLAS C., US
[71] THOMAS JEFFERSON UNIVERSITY,
US
[85] 2004-02-17
[86] 2002-08-21 (PCT/US2002/026584)
[87] 2003-02-27 (WO2003/016501)
[30] US (60/314,023) 2001-08-21

[21] **2,457,695**
[13] A1
[51] **Int.Cl. 7G01N 33/68 7C07K 1/00
7G01N 33/50 7G01N 33/58 7G01N 30/72**
[25] EN
[54] **ABSOLUTE QUANTIFICATION OF
PROTEINS AND MODIFIED FORMS
THEREOF BY MULTISTAGE MASS
SPECTROMETRY
QUANTIFICATION ABSOLUE DE
PROTEINES ET DE FORMES
MODIFIEES DE PROTEINE PAR
SPECTROMETRIE DE MASSE
MULTISTADE**
[72] GERBER, SCOTT ANTHONY, US
[72] GYGI, STEVEN P., US
[71] PRESIDENT AND FELLOWS OF
HARVARD COLLEGE, US
[85] 2004-02-13
[86] 2002-08-14 (PCT/US2002/025778)
[87] 2003-02-27 (WO2003/016861)
[30] US (60/312,279) 2001-08-14

[21] **2,457,301**
[13] A1
[51] **Int.Cl. 7C12N 15/16 7C07H 21/02
7C07K 16/26 7C07K 14/575 7C12N 15/63**
[25] EN
[54] **PORCINE LEPTIN PROTEIN,
ANTISENSE AND ANTIBODY
PROTEINE, OLIGONUCLEOTIDE
ANTI-SENS ET ANTICORPS DE
LEPTINE PORCINE**
[72] BIDWELL, CHRIS, US
[72] SPURLOCK, MICHAEL, US
[71] PURINA MILLS, LLC, US
[71] PURDUE RESEARCH
FOUNDATION, US
[85] 2004-02-19
[86] 2002-08-19 (PCT/US2002/026217)
[87] 2003-02-27 (WO2003/016489)
[30] US (09/932,888) 2001-08-20

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[13] A1
[51] **Int.Cl. 7C12N 15/11 7C12N 7/00
7C12N 5/10 7A61K 31/713**
[25] EN
[54] **SIRNA KNOCKOUT ASSAY
METHOD AND CONSTRUCTS
DOSAGE BIOLOGIQUE DE CHOC
A INTERFERENCE ARN DE COURTE
DUREE ET CONSTRUCTIONS**
[72] ARTS, GERT-JAN, NL
[72] VAN ES, HELMUTH HENDRIKUS
GERARDUS, NL
[72] MICHIELS, GODEFRIDUS
AUGUSTINUS MARIA, NL
[72] PIEST, IVO, NL
[72] LANGEMEIJER, ELLEN VERA, NL
[71] GALAPAGOS GENOMICS N.V., BE
[85] 2004-02-25
[86] 2002-08-29 (PCT/EP2002/009670)
[87] 2003-03-13 (WO2003/020931)
[30] US (60/317,229) 2001-09-01
[30] US (60/385,733) 2002-06-04

[21] **2,457,821**
[13] A1
[51] **Int.Cl. 7C12N 15/82**
[25] EN
[54] **COFFEE PLANT WITH REDUCED
.ALPHA.-D-GALACTOSIDASE
ACTIVITY
CAFEIER A ACTIVITE REDUITE
DE .ALPHA.-D-GALACTOSIDASE**
[72] DESHAYES, ALAIN, FR
[72] ROGERS, JOHN, FR
[72] MARRACCINI, PIERRE, BR
[71] SOCIETE DES PRODUITS NESTLE
S.A., CH
[85] 2004-02-16
[86] 2002-08-15 (PCT/EP2002/009148)
[87] 2003-04-24 (WO2003/032713)
[30] EP (01124160.1) 2001-10-10

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[13] A1

[51] **Int.Cl. 7C12N 15/56 7C07K 16/14 7C12N 9/30 7C07K 14/38**
[25] EN
[54] **NOVEL AMYLASES AND USES THEREOF**
[54] **NOUVELLES AMYLASES ET LEURS UTILISATIONS**
[72] MAIER, DIETER, DE
[72] HOPPER, SYLVIA, DE
[72] FOLKERS, ULRIKE, DE
[72] WAGNER, CHRISTIAN, DE
[72] STOCK, ALEXANDER, DE
[72] ALBERMANN, KAJ, DE
[71] DSM IP ASSETS B.V., NL
[85] 2004-02-16
[86] 2002-08-02 (PCT/NL2002/000522)
[87] 2003-02-27 (WO2003/016535)
[30] EP (01000379.6) 2001-08-16
[30] EP (01000380.4) 2001-08-16
[30] EP (01000381.2) 2001-08-16
[30] EP (01000382.0) 2001-08-16
[30] EP (01000383.8) 2001-08-16
[30] EP (01000384.6) 2001-08-16

[21] **2,457,915**
[13] A1

[51] **Int.Cl. 7C12N 9/48 7C12N 15/00 7C07H 21/04 7C12N 1/20 7C12N 9/50**
[25] EN
[54] **NOVEL HUMAN PROTEASES AND POLYNUCLEOTIDES ENCODING THE SAME**
[54] **NOUVELLES PROTEASES HUMAINES ET POLYNUCLEOTIDES CODANT POUR CELLES-CI**
[72] HU, YI, US
[72] NEPOMNICHY, BORIS, US
[72] FRIDDLE, CARL JOHAN, US
[72] WALKER, D. WADE, US
[71] LEXICON GENETICS INCORPORATED, US
[85] 2004-02-18
[86] 2002-08-22 (PCT/US2002/027074)
[87] 2003-03-06 (WO2003/018764)
[30] US (60/314,049) 2001-08-22

[21] **2,458,047**
[13] A1

[51] **Int.Cl. 7C07K 7/06 7A61K 31/00 7A61K 38/00 7C07K 7/00 7C07K 14/00 7A61P 3/04 7C07K 5/08 7C07K 5/10 7A61K 47/42 7A61K 47/48**
[25] EN
[54] **COMPOSITIONS AND METHODS OF USE OF TARGETING PEPTIDES AGAINST PLACENTA AND ADIPOSE TISSUES**
[54] **COMPOSITIONS ET PROCÉDES D'UTILISATION DE PEPTIDES DE CIBLAGE CONTRE LES TISSUS ADIPEUX ET PLACENTAIRE**
[72] ARAP, WADIH, US
[72] KOLONIN, MIKHAIL G., US
[72] PASQUALINI, RENATA, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS, US
[85] 2004-02-19
[86] 2002-08-30 (PCT/US2002/027836)
[87] 2003-03-20 (WO2003/022991)
[30] US (PCT/US01/27692) 2001-09-07

[21] **2,458,127**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/09 7G01N 33/53**
[25] EN
[54] **NUCLEIC ACID AMPLIFICATION METHODS**
[54] **METHODES D'AMPLIFICATION D'ACIDE NUCLEIQUE**
[72] KATO, IKUNOSHIN, JP
[72] SAGAWA, HIROAKI, JP
[72] ENOKI, TATSUJI, JP
[71] TAKARA BIO INC., JP
[85] 2004-02-19
[86] 2002-08-20 (PCT/JP2002/008357)
[87] 2003-02-27 (WO2003/016569)
[30] JP (2001-249497) 2001-08-20

[21] **2,458,574**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07K 2/00 7C07K 7/00 7C07K 14/00 7A61P 9/00 7A61P 21/00 7A61K 38/04 7C12N 15/12 7A61K 38/16 7A61L 27/22 7C12N 15/63**
[25] EN
[54] **REAGENTS AND METHODS FOR SMOOTH MUSCLE THERAPIES**
[54] **REACTIFS ET METHODES UTILISES DANS DES THERAPIES DU MUSCLE LISSE**
[72] BROPHY, COLLEEN, US
[72] KOMALAVILAS, PADMINI, US
[72] PANITCH, ALYSSA, US
[72] SEAL, BRANDON, US
[72] LOKESH, JOSHI, US
[71] ARIZONA BOARD OF REGENTS, US
[85] 2004-02-19
[86] 2002-08-23 (PCT/US2002/026918)
[87] 2003-03-06 (WO2003/018758)
[30] US (60/314,535) 2001-08-23

[21] **2,458,849**
[13] A1

[51] **Int.Cl. 7C12N 15/12**
[25] EN
[54] **OBESITY RELATED GENES EXPRESSED AT LEAST IN THE HYPOTHALAMUS, LIVER OR PANCREAS**
[54] **GENES RELATIFS A L'OBESITE EXPRIMES AU MOINS DANS L'HYPOTHALAMUS, LE FOIE OU LE PANCREAS**
[72] COLLIER, GREG, AU
[72] ZIMMET, PAU ZEV, AU
[72] KANTHAM, LAKSHMI, AU
[72] DE SILVA, ANDREA MICHELLE, AU
[72] WALDER, KEN, AU
[71] AUTOGEN RESEARCH PTY LTD, AU
[71] DEAKIN UNIVERSITY, AU
[71] INTERNATIONAL DIABETES INSTITUTE, AU
[85] 2004-02-26
[86] 2002-08-28 (PCT/AU2002/001173)
[87] 2003-03-06 (WO2003/018823)
[30] US (60/315,743) 2001-08-29

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[13] A1
[51] **Int.Cl. 7C12N 15/12 7C07K 19/00 7A61P 35/04 7C12N 5/10 7C12N 1/15 7C07K 16/18 7C12N 1/19 7C12N 1/21 7C07K 14/47 7G01N 33/68**
[25] EN
[54] **PROTEINS HAVING EFFECTS OF CONTROLLING CELL MIGRATION AND CELL DEATH**
[54] **PROTEINES POUVANT COMMANDER LA MIGRATION CELLULAIRE ET LA MORT CELLULAIRE**
[72] SATO, MAKOTO, JP
[72] NAGANO, TAKASHI, JP
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[30] JP (2001-256910) 2001-08-27

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[51] **Int.Cl. 7F16D 65/24 7F16D 55/10 7F16D 55/228**
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[54] **RECEPTEUR DE FREINAGE**
[72] NOWAK, STAN, AU
[72] KIERONSKA, DOROTA HELENA, AU
[71] MORLEY, VIN C., AU
[71] SAFE EFFECT PTY LTD, AU
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[51] **Int.Cl. 7C07K 14/61 7C12N 15/12**
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[54] **MODIFIED HUMAN GROWTH HORMONE**
[54] **HORMONE DE CROISSANCE HUMAINE MODIFIEE**
[72] CARTER, GRAHAM, GB
[72] CARR, FRANCIS J., GB
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
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[51] **Int.Cl. 7C12N 15/85 7A61K 31/00 7A61K 38/00 7A61K 45/00 7C12Q 1/02 7C12N 5/06 7C12N 5/10 7C12N 15/63 7C12Q 1/66 7C12Q 1/68**
[25] EN
[54] **REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF GENES REGULATED BY CDK INHIBITORS**
[54] **REACTIFS ET METHODES D'IDENTIFICATION ET DE MODULATION DE L'EXPRESSION GENIQUE REGULEE PAR LES INHIBITEURS DE LA CDK**
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[72] POOLE, JASON, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
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[54] **MULTI-TASKING UTILITY TOOL**
[54] **OUTIL MULTI-USAGE**
[72] JOHNSON, RONALD L., US
[72] HEBERT, RAPHAEL V., US
[72] POWERS, RUSSELL D., US
[71] MANSOURI-CHAFIK, IDRIS, US
[71] WAMPUM LLC, US
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[13] A1
[51] **Int.Cl. 7C12Q 1/06 7C12N 1/00**
[25] EN
[54] **PRODUCTS CONTAINING QUANTUM OF BIOPARTICLES AND METHOD FOR PRODUCTION THEREOF**
[54] **PRODUITS CONTENANT UNE QUANTITE FIXEE DE BIOPARTICULES ET PROCEDE DE PRODUCTION DESDITS PRODUITS**
[72] GAUCI, MARK, AU
[72] VESEY, GRAHAM, AU
[71] BTF PTY LTD., AU
[85] 2004-03-02
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[51] **Int.Cl. 7G01N 33/68 7C07K 1/14 7C07K 1/16 7C07K 1/26 7C07K 1/36 7G01N 27/447 7C12Q 1/68**
[25] EN
[54] **METHOD FOR SEPARATING MACROMOLECULES HAVING BEEN CHEMICALLY MODIFIED IN A REVERSIBLE MANNER**
[54] **PROCEDE POUR SEPARER DES MACROMOLECULES AYANT SUBI UNE MODIFICATION CHIMIQUE REVERSIBLE**
[72] NEUMANN, THOMAS, DE
[72] JOUBERT, RICHARD, DE
[72] SCHWIER, WOLFGANG, DE
[72] HAMON, CHRISTIAN, DE
[72] TE KAAAT, KAI HENDRIK, DE
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[54] **ENZYMATIC METHOD FOR THE ENANTIOMERIC RESOLUTION OF AMINO ACIDS**
[54] **PROCEDE ENZYMATIQUE POUR LA RESOLUTION ENANTIOMERIQUE D'ACIDES AMINES**
[72] SALAGNAD, CHRISTOPHE, FR
[72] DURY, MARIE-ODILE, FR
[72] GOBERT, CLAUDE, FR
[71] AVENTIS PHARMA S.A., FR
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[13] A1

[51] **Int.Cl. 7F42B 6/04**
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[54] **SLIDING ARROW STABILIZER**
[54] **STABILISATEUR COULISSANT POUR FLECHE DE TIR A L'ARC**
[72] MORRIS, PAUL, US
[72] PETERSON, LARRY, US
[71] DESERT DYNAMIC RESEARCH, INC., US
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[13] A1

[51] **Int.Cl. 7E04B 2/70**
[25] EN
[54] **NATURAL TAPERED HOUSE LOG MILLING PROCESS**
[54] **PROCEDE D'USINAGE DE BILLES NATURELLEMENT CONIQUES POUR CONSTRUCTION D'HABITATIONS**
[72] LITTLER, ROBERT CHARLES, CA
[71] LITTLER, ROBERT CHARLES, CA
[85] 2003-12-22
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[51] **Int.Cl. 7G01N 33/68**
[25] EN
[54] **YEAST ARRAYS, METHODS OF MAKING SUCH ARRAYS, AND METHODS OF ANALYZING SUCH ARRAYS**
[54] **ENSEMBLES DE LEVURES, PROCEDES DE FABRICATION DE CES ENSEMBLES, ET PROCEDES D'ANALYSE DE CES ENSEMBLES**
[72] BOONE, CHARLES, CA
[71] BOONE, CHARLES, CA
[85] 2004-02-16
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[51] **Int.Cl. 7A23L 1/0522 7A23P 1/14**
[25] EN
[54] **RICE-FLOUR HYDROLYSATES FAT SUBSTITUTE**
[54] **SUBSTITUT DE MATIERE GRASSE FORME D'HYDROLYSAT DE FARINE DE RIZ**
[72] HAMMOND, NEAL A., US
[71] CALIFORNIA NATURAL PRODUCTS, US
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[13] A1

[51] **Int.Cl. 7A63F 13/00 7G06F 17/00 7G06F 19/00 7A63F 9/24**
[25] EN
[54] **GAMING DEVICE HAVING AWARD MODIFICATION OPTIONS FOR PLAYER SELECTABLE AWARD DIGITS**
[54] **DISPOSITIF DE JEU OFFRANT DES OPTIONS DE MODIFICATION DE PRIX AU NIVEAU DES CHIFFRES DE PRIX SELECTIONNES PAR LE JOUEUR**
[72] SILVA, ROBERT N., US
[72] BUSSICK, WILLIAM J., US
[72] BAERLOCHER, ANTHONY J., US
[72] BLOMQUIST, CARI L., US
[72] MAYA, DARREN, US
[71] IGT, US
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[87] 2003-02-27 (WO2003/015881)
[30] US (09/933,843) 2001-08-20

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[13] A1

[51] **Int.Cl. 7A63F 13/02**
[25] EN
[54] **GAMING DEVICE HAVING PLAYER SELECTABLE AWARD DIGITS AND AWARD MODIFICATION OPTIONS**
[54] **DISPOSITIF DE JEU DOTE DE CHIFFRES DE PRIX SELECTIONNES PAR LE JOUEUR ET D'OPTIONS DE MODIFICATION DE PRIX**
[72] SILVA, ROBERT N., US
[72] MAYA, DARREN, US
[72] BLOMQUIST, CARL L., US
[72] BAERLOCHER, ANTHONY J., US
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[30] US (09/934,003) 2001-08-20

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[51] **Int.Cl. 7A61M 11/00 7A61M 15/00 7A61M 16/00 7A61M 16/10**
[25] EN
[54] **USE OF S-NITROSOTHIOL SIGNALING TO TREAT DISORDERED CONTROL OF BREATHING**
[54] **UTILISATION DE SIGNALISATION S-NITROSOTHIOL POUR LE TRAITEMENT DE TROUBLES DU CONTROLE RESPIRATOIRE**
[72] GOZAL, DAVID, US
[72] GASTON, BENJAMIN M., US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC., US
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[13] A1
[51] **Int.Cl. 7A61K 7/075**
[25] EN
[54] **SHAMPOO COMPOSITIONS WITH ANIONIC SURFACTANTS, AMPHOTERIC SURFACTANTS AND CATIONIC POLYMERS**
[54] **COMPOSITIONS DE SHAMPOOING RENFERMANT DES TENSIOACTIFS ANIONIQUES, DES TENSIOACTIFS AMPHOTERES AINSI QUE DES POLYMERES CATIONIQUES**
[72] CLIPSON, MATTHEW RANDALL, US
[72] DIEDERICH, MICHAEL PAUL, US
[72] JOHNSON, ERIC SCOTT, US
[72] WELLS, ROBERT LEE, US
[72] ROYCE, DOUGLAS ALLAN, US
[72] GEARY, NICHOLAS WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2002-10-18 (PCT/US2002/033102)
[87] 2003-04-24 (WO2003/032935)
[30] US (60/330,406) 2001-10-18
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[13] A1
[51] **Int.Cl. 7F25J 1/00 7F28B 3/00 7F25J 3/00**
[25] EN
[54] **CRYOGENIC CONDENSATION SYSTEM**
[54] **SYSTEME DE CONDENSATION CRYOGENIQUE**
[72] HO, SIMON, US
[72] CHENG, ALAN, US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2004-03-18
[86] 2002-08-15 (PCT/US2002/025833)
[87] 2003-02-27 (WO2003/016803)
[30] US (09/931,901) 2001-08-20

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[13] A1
[51] **Int.Cl. 7A61K 9/00 7A61K 9/70**
[25] EN
[54] **MUCOADHESIVE ERODIBLE DRUG DELIVERY DEVICE FOR CONTROLLED ADMINISTRATION OF PHARMACEUTICALS AND OTHER ACTIVE COMPOUNDS**
[54] **DISPOSITIF DE MEDICAMENT ERODABLE MUCO-ADHESIF PERMETTANT UNE ADMINISTRATION COMMANDEE DE PRODUITS PHARMACEUTIQUES ET D'AUTRES COMPOSES ACTIFS**
[72] NOWOTNIK, DAVID P., US
[72] MORO, DANIEL G., US
[72] CALLAHAN, HOWARD, US
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[30] US (09/931,319) 2001-08-16

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[13] A1
[51] **Int.Cl. 7C12S 3/24 7C12Q 1/68**
[25] EN
[54] **METHOD OF ISOLATING CELLS AND USES THEREOF**
[54] **PROCEDE D'ISOLATION DE CELLULES ET UTILISATION CORRESPONDANTE**
[72] KATZ, MANDY GAEL, AU
[72] CRAM, DAVID STEPHEN, AU
[71] MONASH UNIVERSITY, AU
[71] MONASH IVF PTY LTD, AU
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[86] 2002-09-06 (PCT/AU2002/001214)
[87] 2003-03-13 (WO2003/020986)
[30] AU (PR 7499) 2001-09-06

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[51] **Int.Cl. 7A23G 9/02 7A23G 9/04 7B65D 83/14 7A23G 9/20 7A23G 9/28**
[25] EN
[54] **FROZEN DESSERT, THE PRODUCTION METHOD THEREOF AND THE CONTAINER IN WHICH SAID DESSERT IS PACKAGED AND DISTRIBUTED**
[54] **DESSERT GLACE, PROCEDE POUR L'OBTENIR ET RECIPIENT POUR LE CONDITIONNER ET LE DISTRIBUER**
[72] ANDRE-LINET, VERONIQUE, FR
[72] TONON, FRANK, FR
[72] RIVIERE, PHILIPPE, FR
[72] SILVENTE, STEPHANE, FR
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2004-03-25
[86] 2002-09-09 (PCT/EP2002/010252)
[87] 2003-03-27 (WO2003/024238)
[30] FR (0112106) 2001-09-19
[30] FR (0205620) 2002-05-06

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[51] **Int.Cl. 7C12N 15/12 7C12P 21/02 7C12Q 1/02 7C07K 16/28 7G01N 33/566 7C12N 15/63 7C12Q 1/68 7C07K 14/705**
[25] EN
[54] **WHITEFLY ECDYSONE RECEPTOR NUCLEIC ACIDS, POLYPEPTIDES, AND USES THEREOF**
[54] **ACIDES NUCLEIQUES, POLYPEPTIDES DU RECEPTEUR DE L'ECDYSONE DES ALEYRODIDAE ET UTILISATIONS CES DERNIERS**
[72] DHADIALLA, TARLOCHAN SINGH, US
[72] CRESS, DEAN ERVIN, US
[72] PALLI, SUBBA REDDY, US
[72] ZHANG, JIANZHONG, US
[71] RHEOGENE HOLDINGS, INC., US
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[86] 2002-02-20 (PCT/US2002/005234)
[87] 2003-04-03 (WO2003/027266)
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[13] A1

[51] **Int.Cl. 7C07K 14/22 7A61K 38/16 7C12N 15/62**
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[54] **HYBRID AND TANDEM EXPRESSION OF NEISSERIAL PROTEINS**
[54] **EXPRESSION HYBRIDE ET EN TANDEM DE PROTEINES DE NEISSERIA**
[72] PIZZA, MARIAGRAZIA, IT
[71] CHIRON SPA, IT
[85] 2004-03-05
[86] 2002-09-06 (PCT/IB2002/003904)
[87] 2003-03-13 (WO2003/020756)
[30] GB (0121591.2) 2001-09-06

[21] **2,459,827**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/06 7C12N 15/63 7C12Q 1/68**
[25] EN
[54] **LEAFHOPPER ECDYSONE RECEPTOR NUCLEIC ACIDS, POLYPEPTIDES, AND USES THEREOF**
[54] **ACIDES NUCLEIQUES DU RECEPTEUR A L'ECDYSONE DE LA CICADELLE, POLYPEPTIDES, ET UTILISATION DE CEUX-CI**
[72] PALLI, SUBBA REDDY, US
[71] RHEOGENE HOLDINGS, INC., US
[85] 2004-03-05
[86] 2002-02-20 (PCT/US2002/005026)
[87] 2003-04-03 (WO2003/027289)
[30] US (60/325,096) 2001-09-26

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[51] **Int.Cl. 7C12Q 1/68 7A01H 5/00 7C12N 15/00 7C07H 21/04 7C12N 5/04 7C12N 5/10 7C12N 15/70 7C12N 15/82 7C12N 15/87**
[25] EN
[54] **BLUEBERRY RED RINGSPOT VIRUS, SEQUENCES, PROMOTERS, AND USES THEREOF**
[54] **VIRUS DE L'ANNEAU ROUGE DE L'AIRELLE, ET SES SEQUENCES, PROMOTEURS ET UTILISATIONS**
[72] MECEY, CHRISTY, US
[72] ALLISON, RICHARD F., US
[72] GILLETT, JERRI, US
[71] BOARD OF TRUSTEES OPERATING MICHIGAN STATE UNIVERSITY, US
[85] 2004-03-05
[86] 2002-09-05 (PCT/US2002/028260)
[87] 2003-03-20 (WO2003/023064)
[30] US (60/318,050) 2001-09-07

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[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHODS AND APPARATUS FOR DEVELOPING INVESTMENTS**
[54] **PROCEDES ET APPAREILS POUR DEVELOPPER LES INVESTISSEMENTS**
[72] VANN, PETER, AU
[72] LITTLE, DOUGLAS, AU
[71] CONSTELLATION CAPITAL MANAGEMENT LIMITED, AU
[85] 2004-03-18
[86] 2002-10-04 (PCT/AU2002/001363)
[87] 2003-04-17 (WO2003/032206)
[30] AU (78277/01) 2001-10-08

[21] **2,459,936**
[13] A1

[51] **Int.Cl. 7E04B 2/86 7E04G 11/06 7E04C 2/08**
[25] EN
[54] **HOLLOW INTERCONNECTING PANELS AS LOST FORMWORK**
[54] **PANNEAUX CREUX RELIES ENTRE EUX SERVANT DE COFFRAGE PERDU**
[72] DINCEL, BURAK, AU
[71] DINCEL, BURAK, AU
[85] 2004-03-18
[86] 2002-10-10 (PCT/AU2002/001382)
[87] 2003-04-17 (WO2003/031740)
[30] AU (PR 8240) 2001-10-12

[21] **2,459,939**
[13] A1

[51] **Int.Cl. 7G03B 21/00 7G03B 21/62**
[25] EN
[54] **TRANSMISSION SCREEN AND PROJECTION DISPLAY**
[54] **ECRAN DE TRANSMISSION ET AFFICHAGE PAR PROJECTION**
[72] MIYATA, AKIHISA, JP
[72] TERAMOTO, KOHEI, JP
[72] SHIKAMA, SHINSUKE, JP
[72] SUZUKI, HIROSHI, JP
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[85] 2004-03-18
[86] 2002-05-28 (PCT/JP2002/005165)
[87] 2003-04-17 (WO2003/032079)
[30] JP (2001-310039) 2001-10-05

[21] **2,460,007**
[13] A1

[51] **Int.Cl. 7B01J 8/08 7F27B 15/00 7F27B 15/10 7F27B 15/14**
[25] EN
[54] **FLUIDIZED BED GAS DISTRIBUTOR SYSTEM FOR ELEVATED TEMPERATURE OPERATION**
[54] **SYSTEME DE DISTRIBUTEUR DE GAZ EN LIT FLUIDISE POUR FONCTIONNEMENT A HAUTE TEMPERATURE**
[72] TRAINA, EDWARD P., US
[72] RUBINO, GIOVANNI, US
[72] STAFFIN, H. KENNETH, US
[71] PROCEDYNE CORP., US
[85] 2004-03-18
[86] 2001-09-13 (PCT/US2001/042125)
[87] 2002-03-21 (WO2002/022249)
[30] US (09/663,995) 2000-09-18

[21] **2,460,027**
[13] A1

[51] **Int.Cl. 7A61L 27/34 7G02B 1/04 7A61L 31/10**
[25] EN
[54] **MEDICAL DEVICES HAVING ANTIMICROBIAL COATINGS THEREON**
[54] **DISPOSITIFS MEDICAUX A REVETEMENTS ANTIMICROBIENS**
[72] MORGAN, COURTNEY FLEM, US
[72] CARNEY, FIONA PATRICIA, US
[72] ASH, MARCIA KAY, US
[72] WINTERTON, LYNN COOK, US
[72] LALLY, JOHN MARTIN, US
[72] QIU, YONGXING, US
[72] GABRIEL, MANAL M., US
[72] MORRIS, CAROL ANN, US
[71] NOVARTIS AG, CH
[85] 2004-03-05
[86] 2002-11-13 (PCT/EP2002/012710)
[87] 2003-05-22 (WO2003/041754)
[30] US (60/332,289) 2001-11-14

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[21] **2,460,035**
[13] A1

[51] **Int.Cl. 7A61M 1/00**
[25] EN
[54] **TREATMENT DEVICES FOR MEDICAL, DENTAL AND VETERINARY SERVICES**
[54] **DISPOSITIFS DE TRAITEMENT POUR SERVICES MEDICAUX, DENTAIRE ET VETERINAIRES**
[72] ZIONE, RHODA, US
[71] ZIONE, RHODA, US
[85] 2004-03-19
[86] 2001-09-20 (PCT/US2001/029500)
[87] 2002-03-28 (WO2002/024251)
[30] US (60/234,189) 2000-09-20

[21] **2,460,047**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **INVENTORY CONTROL AND BALANCING SYSTEM**
[54] **SYSTEME DE CONTROLE ET D'EQUILIBRAGE DE STOCKS**
[72] BATOFF, JEFFREY, S., US
[71] BATOFF, JEFFREY, S., US
[85] 2004-03-25
[86] 2001-09-26 (PCT/US2001/030002)
[87] 2002-04-04 (WO2002/027428)
[30] US (60/235,367) 2000-09-26
[30] US (60/268,854) 2001-02-15

[21] **2,460,057**
[13] A1

[51] **Int.Cl. 7A61K 31/24 7A61P 25/00**
[25] EN
[54] **PROTEIN PRENYL TRANSFERASE INHIBITORS IN THE TREATMENT OF NEUROINFLAMMATORY DISEASE**
[54] **PRENYL-TRANSFERASES PROTEIQUES UTILISES DANS LE TRAITEMENT DE MALADIES NEURO-INFLAMMATOIRES**
[72] ADAMSON, PETER, GB
[72] GREENWOOD, JOHN, GB
[71] INSTITUTE OF OPHTHALMOLOGY, GB
[85] 2004-03-23
[86] 2001-09-26 (PCT/GB2001/004291)
[87] 2002-05-23 (WO2002/040015)
[30] GB (0023915.2) 2000-09-29

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[13] A1

[51] **Int.Cl. 7G01N 33/577 7A61P 35/00 7C12N 5/12 7A61K 49/16 7C07K 16/18 7A61K 39/395 7C07K 16/46 7G01N 33/574 7C12Q 1/68**
[25] EN
[54] **A METHOD OF DIAGNOSIS AND TREATMENT AND AGENTS USEFUL FOR SAME**
[54] **PROCEDE DE DIAGNOSTIC ET DE TRAITEMENT ET AGENTS MIS EN OEUVRE PAR LEDIT PROCEDE**
[72] VISVADER, JANE ELLEN, AU
[72] SUM, ELEANOR Y. M., AU
[72] LINDEMAN, GEOFFREY JOHN, AU
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[72] STUMM, DIETER, DE
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[71] PFIZER PRODUCTS INC., US
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[54] **LIGANDS DE RECEPTEURS ACTIVES PAR LE PROLIFERATEUR DE PEROXISOME ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] KURODA, MINPEI, JP
[72] MIMAKI, YOSHIHIRO, JP
[72] TSUKAGAWA, MISUZU, JP
[72] UEDA, YASUYOSHI, JP
[72] SASHIDA, YUTAKA, JP
[72] KITAHARA, MIKIO, JP
[72] KITAMURA, SHIRO, JP
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[71] KANEKA CORPORATION, JP
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[54] **CATALYST AND PROCESS FOR DECOMPOSING CARBONYL SULFIDE AND HYDROGEN CYANIDE**
[54] **CATALYSEUR ET PROCEDE DE DECOMPOSITION DU SULFURE DE CARBONYLE ET DU CYANURE D'HYDROGENE**
[72] HOSOYA, EIICHI, JP
[72] ISHIGAKI, SHINYA, JP
[72] EGAMI, KAZUTAKA, JP
[71] JGC CORPORATION, JP
[71] SUED-CHEMIE CATALYSTS JAPAN, INC., JP
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[72] ROBY, MARK S., US
[71] TYCO HEALTHCARE GROUP LP, US
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[54] **APPAREIL DE CONTREPULSATION EXTERNE**
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[72] YANG, CHENYUAN, CN
[72] HAN, CHUNLEI, CN
[72] WANG, ZHENGYAO, CN
[72] LI, XICHANG, CN
[72] MA, JUN, US
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[54] **STRUCTURE D'EXTREMITE DE RESERVOIR SOUPLE POUR FLUIDE ET PROCEDE DE FABRICATION**
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[72] DAVIS, TRENT W., US
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[54] **UTILITY METER WITH EXTERNAL SIGNAL-POWERED TRANSCEIVER**
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[72] EAGLES, DANA, US
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[54] **PROCEDE, COMPOSITION ET APPAREIL PERMETTANT D'OBTENIR DU BETON DE MANIERE COMMANDEE**
[72] GRIFFIN, RICHARD CHARLES, US
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[72] BACON, JOHN M., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **GAMING DEVICE HAVING IMPROVED AWARD OFFER BONUS SCHEME**
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[72] KAMINKOW, JOSEPH E., US
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[54] **NOVEL NUCLEIC ACIDS AND POLYPEPTIDES**
[54] **NOUVEAUX ACIDES NUCLEIQUES ET POLYPEPTIDES**
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[72] MA, YUNQING, US
[72] WANG, ZHI WEI, US
[72] YANG, YONGHONG, US
[72] TANG, Y. TOM, US
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[72] ABE, KIYOFUMI, JP
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[54] **PROTEINES D'ENVELOPPE DE SYNTHESE DU VIRUS DE L'HEPATITE C (VHC) ET LEURS UTILISATIONS POUR LA VACCINATION**
[72] NEVILLE, LEWIS, IL
[72] ZAUBERMAN, ARIE, IL
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[54] **ADN POLYMERASES ET MUTANTS CORRESPONDANTS**
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[72] GIBBS, MORELAND DAVID, AU
[72] BERGQUIST, PETER LEONARD, AU
[72] GERARD, GARY, US
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[54] **ANTI-PDGF ANTIBODIES AND METHODS FOR PRODUCING ENGINEERED ANTIBODIES**
[54] **ANTICORPS ANTI-PDGF ET PROCEDES DE PRODUCTION D'ANTICORPS MIS AU POINT**
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[72] KRETZ-ROMMEL, ANKE, US
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[72] PARK, JONG-GU, KR
[71] WELGENE, INC., KR
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[54] **PROCEDE POUR MODIFIER LE GENOME DANS UNE PLANTE SUPERIEURE**
[72] TERADA, RIE, JP
[72] INAGAKI, YOSHISHIGE, JP
[72] IIDA, SHIGERU, JP
[71] SYNGENTA LIMITED, GB
[71] JAPAN TOBACCO INC., JP
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[72] HALEY-VICENTE, DANA, US
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[72] ZHAO, QING A., US
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[72] WANG, JIAN-RUI, US
[72] WENG, GEZHI, US
[72] GHOSH, MALABIKA, US
[72] DRMANAC, RADOJE T., US
[72] ZHOU, PING, US
[72] REN, FEIYAN, US
[72] ZHANG, JIE, US
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[54] **PROCEDE ET APPAREIL POUR ASSOCIER SUR DEMANDE CERTAINS SUPPORTS SELECTIONNES ET DES ELEMENTS A VALEUR AJOUTEE**
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[72] HOHBERGER, CLIVE P., US
[72] DONATO, DANIEL F., US
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[54] **DIAGNOSIS AND TREATMENT OF DISEASES ASSOCIATED WITH ALTERED EXPRESSION OF HIPK1**
[54] **PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DE MALADIES ASSOCIEES A UNE EXPRESSION ALTEREE DE HIPK1**
[72] HERNANDEZ, JAVIER MARTIN, DK
[72] SORENSEN, ANNETTE BALLE, DK
[72] PEDERSEN, FINN SKOU, DK
[71] UNIVERSITY OF AARHUS, DK
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[54] **CLEANING COMPOSITON WITH AN IMMISCIBLE LIQUID SYSTEM**
[54] **COMPOSITION DE NETTOYAGE COMPRENANT UN SYSTEME DE LIQUIDE IMMISCIBLE**
[72] ROBERTS, GLYN, IN
[72] DHANDAPANI, KAVITHA, IN
[72] BARGAJE, VIJAYA M., IN
[71] UNILEVER PLC, GB
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[54] **CYCLOSPORINE ANALOGUE MIXTURES AND THEIR USE AS IMMUNOMODULATING AGENTS**
[54] **MELANGES D'ANALOGUES DE CYCLOSPORINE ET LEUR UTILISATION COMME AGENTS IMMUNOMODULATEURS**
[72] FOSTER, ROBERT T., CA
[72] YATSCOFF, RANDALL W., CA
[72] NAICKER, SELVARAJ, CA
[71] ISOTECHNIKA INC., CA
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[54] **COMMANDE D'AMPLIFICATEUR OPTIQUE DANS DES SYSTEMES DE COMMUNICATION WDM**
[72] PACKHAM, ROBERT RICHARD, GB
[72] CORR, BENJAMIN JOHN, GB
[72] PEGG, STEVEN IAN, GB
[71] MARCONI UK INTELLECTUAL PROPERTY LIMITED, GB
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[54] **COMPOSITION DE NETTOYAGE NON TOXIQUE**
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[72] BARGAJE, VIJAYA M., IN
[72] BEHAL, VIDUR, IN
[72] ROBERTS, GLYN, IN
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[54] **ETHERNET OVER MULTI-CARRIER FREQUENCY-DIVISION MULTIPLEXING (FDM)**
[54] **ETHERNET UTILISANT UNE MULTIPORTEUSE DANS UN MULTIPLEXE EN FREQUENCE**
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[72] FARCAS, FLORIN, US
[72] AO, JIENING, US
[72] BLASHEWSKI, STEVEN E., US
[72] RITCHIE, JOHN A., JR., US
[72] WEST, LAMAR E., JR., US
[71] SCIENTIFIC ATLANTA INC., US
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[25] EN
[54] **BREATHING CIRCUITS HAVING UNCONVENTIONAL RESPIRATORY CONDUITS AND SYSTEMS AND METHODS FOR OPTIMISING UTILISATION OF FRESH GASES**
[54] **CIRCUIT RESPIRATOIRE A CONDUITS RESPIRATOIRES NON USUELS ET SYSTEMES ET PROCEDES OPTIMISANT L'UTILISATION DES GAZ FRAIS**
[72] FUKUNAGA, ALEX S., US
[72] FUKUNAGA, BLANCA M., US
[72] FUKUNAGA, ATSUO F., US
[71] FUKUNAGA, ALEX S., US
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[54] **METHOD OF PREPARING PHENOXY ALKANOIC, ALKENOIC, AND ALKYNIC ACIDS AND SALTS THEREOF VIA A DICARBOXYLATE INTERMEDIATE**
[54] **PROCEDE DE PREPARATION DES ACIDES PHENOXY ALCANOIQUE, ALCENOIQUE ET ALKYNIQUE ET DE LEURS SELS AU MOYEN D'UN INTERMEDIAIRE DICARBOXYLATE**
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[71] EMISPHERE TECHNOLOGIES, INC., US
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[54] **DISPENSING CLOSURE FOR CONTAINERS WHICH CONTAIN FREE-FLOWING SUBSTANCES**
[54] **BOUCHON DISTRIBUTEUR POUR RECIPIENT CONTENANT UNE MATIERE APTE A L'ECOULEMENT**
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[72] SCHAFFER, ELDON, DE
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[54] **PREVENTION ET TRAITEMENT DE LA RESTENOSE PAR L'ADMINISTRATION LOCALE D'UN MEDICAMENT**
[72] BISGAIER, CHARLES L., US
[71] CEDARS-SINAI MEDICAL CENTER, US
[71] ESPERION THERAPEUTICS INC., US
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[54] **COMPOSITE CONTENANT DES NANOCRISTAUX SEMI-CONDUCTEURS**
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[72] BAWENDI, MOUNGI G., US
[72] SUNDAR, VIKRAM C., US
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[25] EN
[54] **METHOD AND APPARATUS FOR INTERFERENCE SIGNAL CODE POWER AND NOISE VARIANCE ESTIMATION**
[54] **PROCEDE ET APPAREIL POUR ESTIMER LA PUISSANCE DE CODE DE SIGNAL PARASITE ET LA VARIANCE DU BRUIT**
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[54] **DISPOSITIF DE CONTROLE**
[72] FEE, JOHN PATRICK HOWARD, GB
[72] DONNELLY, PETER, GB
[72] MURRAY, JIM, GB
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[54] **PROCEDE DE VIDEO-MICROSCOPIE QUANTITATIVE ET SYSTEME ASSOCIE, AINSI QUE PRODUIT DE PROGRAMME DE LOGICIEL INFORMATIQUE**
[72] MARCELPOIL, RAPHAEL, FR
[72] GAHM, THOMAS, US
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[25] EN
[54] **GAME SERVICE INTERFACES FOR PLAYER TRACKING TOUCH SCREEN DISPLAY**
[54] **INTERFACES POUR SERVICES DE JEU POUR ECRAN TACTILE DE POURSUITE DE L'UTILISATEUR**
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[54] **METHOD FOR PRODUCING A FOIL MATERIAL PROVIDED WITH AN EMBOSSED HOLOGRAM, AS WELL AS A FOIL MATERIAL**
[54] **PROCEDE DE PRODUCTION D'UN MATERIAU EN FEUILLES, POURVU D'UN HOLOGRAMME ESTAMPE, ET MATERIAU EN FEUILLES CORRESPONDANT**
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[54] **PROCEDE ET APPAREIL DE CONTROLE DE LA CINEMATIQUE DE DEPLACEMENT D'ANIMAUX EN MOUVEMENT**
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[54] **CRYPTOSYSTEME POUR SECURISER DES DONNEES**
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[71] 3927296 CANADA INC., CA
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[25] EN
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[54] **SYSTEME DE POMPE HAUTE PRESSION UTILISEE DANS LA DISTRIBUTION D'UN FILTRE CRYOGENIQUE PROVENANT D'UN RESERVOIR DE STOCKAGE**
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[54] **DEVICE FOR STORING, MIXING AND DISPENSING A FREE-FLOWING MATERIAL**
[54] **DISPOSITIF DE STOCKAGE, DE MELANGE ET D'EXTRACTION D'UNE MASSE APTE A L'ECOULEMENT**
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[72] KALLIO, JUHA, FI
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[51] **Int.Cl. 7G11B 25/04 7G11B 17/04**
[25] EN
[54] **DISK RECORDING OR REPRODUCING DEVICE WITH RETRACTABLE TRAY**
[54] **DISPOSITIF D'ENREGISTREMENT OU DE REPRODUCTION DE DISQUE A TIROIR RETRACTABLE**
[72] MORIYAMA, MASAHIRO, JP
[72] YANASE, YASUO, JP
[71] SANYO TECNOSOUND CO., LTD., JP
[71] SANYO ELECTRIC CO., LTD., JP
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[25] EN
[54] **PLATABLE ENGINEERED POLYOLEFIN ALLOYS**
[54] **ALLIAGES DE POLYOLEFINES MODIFIEES PLACABLES**
[72] MATTEUCCI, SCOTT, US
[72] DING, RUIDONG, US
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[54] **PROCEDE DE PAIEMENT SANS
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[72] MANN, WILLIAM FREDERICK III,
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[13] A1

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[54] **METHOD AND APPARATUS FOR
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[54] **PROCEDE ET DISPOSITIF DE
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[13] A1

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CALLBACK WITH SERVICE
AUTHORIZER AND VIRTUAL
CUSTOMER DATABASE**
[54] **MESSAGERIE ET RAPPEL
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[13] A1

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[54] **STRUCTURE SPATIALE D'UNE
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[72] CORCORAN, BRIAN, US
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[54] **RESIN TUBE-LIKE CONTAINER
AND PREFORM THEREOF**
[54] **CONTENANT DE TYPE TUBE EN
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[72] NAKAMURA, YUTAKA, JP
[71] A. K. TECHNICAL LABORATORY,
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[30] JP (2001-299973) 2001-09-28

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[25] EN
[54] **PATTERNED MICROWAVE
SUSCEPTOR ELEMENT AND
MICROWAVE CONTAINER
INCORPORATING SAME**
[54] **CAPTEUR D'ENERGIE MICRO-
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ONDES EQUIPE DE CE CAPTEUR**
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[72] LAI, LAURENCE M. C., CA
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[54] **INSECTICIDAL AND ACARICIDAL 3-SUBSTITUTED PYRAZOLES**
[54] **PYRAZOLES SUBSTITUES EN POSITION 3, INSECTICIDES ET ACARICIDES**

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[72] SZUCS, STEPHEN S., US
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[72] FURCH, JOSEPH A., US
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[13] A1

[51] **Int.Cl. 7A61B 18/04 7A61B 18/18**

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[54] **DEVICE AND METHOD FOR TREATMENT OF TISSUE ADJACENT A BODILY CONDUIT BY THERMOCOMPRESSSION**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE TRAITER UN TISSU ADJACENT A UN CONDUIT CORPOREL PAR THERMOCOMPRESSSION**

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[72] SMITH, DENNIS, US
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[30] US (09/954,194) 2001-09-18

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[13] A1

[51] **Int.Cl. 7B24B 23/00**

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[54] **MOUNTING DEVICE FOR ABRASIVE WHEELS**
[54] **DISPOSITIF DE MONTAGE POUR MEULES ABRASIVES**

[72] MACKAY, JOSEPH H., US
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[85] 2004-03-18
[86] 2002-09-18 (PCT/US2002/029590)
[87] 2003-05-01 (WO2003/035324)
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[13] A1

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[25] EN
[54] **N-(4-(4-METHYLTHIAZOL-5-YL) PYRIMIDIN-2-YL) -N-PHENYLAMINES AS ANTIPROLIFERATIVE COMPOUNDS**
[54] **N-(4-(4-METHYLTHIAZOL-5-YL) PYRIMIDINE-2-YL) -N-PHENYLAMINES COMME COMPOSES A ACTION ANTIPROLIFERANTE**

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[72] WANG, SHUDONG, GB
[72] MEADES, CHRISTOPHER, GB
[72] OSNOWSKI, ANDREW, GB
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[71] CYCLACEL LIMITED, GB
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[30] GB (0123377.4) 2001-09-28
[30] GB (0123629.8) 2001-10-02

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[13] A1

[51] **Int.Cl. 7C07H 19/16 7A61P 29/00 7A61K 31/70**

[25] EN
[54] **2-PROPYNYL ADENOSINE ANALOGS HAVING A2A AGONIST ACTIVITY AND COMPOSITIONS THEREOF**
[54] **ANALOGUES DE 2-PROPYNYLE ADENOSINE PRESENTANT UNE ACTIVITE AGONISTE DE A2A ET COMPOSITIONS EN CONTENANT**

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[72] MACDONALD, TIMOTHY L., US
[72] MURPHREE, LAUREN JEAN, US
[72] FIGLER, ROBERT ALAN, US
[72] SULLIVAN, GAIL W., US
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[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
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[30] US (60/326,517) 2001-10-01
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[13] A1

[51] **Int.Cl. 7A01N 47/38**

[25] EN
[54] **SELECTIVE HERBICIDES BASED ON SUBSTITUTED THIEN-3-YL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONES AND SAFENERS**
[54] **HERBICIDES SELECTIFS A BASE DE THIEN-3-YL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONES SUBSTITUEES ET DE PHYTOPROTECTEURS**

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[72] FEUCHT, DIETER, DE
[72] DAHMEN, PETER, DE
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[13] A1

[51] **Int.Cl. 7F03D 9/00 7F03D 11/02**

[25] EN
[54] **WIND POWER MACHINE**
[54] **EOLIENNE**

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[85] 2004-03-18
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[30] DE (101 47 013.4) 2001-09-25
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[21] **2,460,924**
[13] A1

[51] **Int.Cl. 7C08L 77/00 7C08K 7/00 7C08L 51/04 7C08K 3/34**

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[54] **MODIFIED SHOCK-RESISTANT POLYMER COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES A RESISTANCE AUX CHOCS MODIFIEE**

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[71] BAYER AKTIENGESELLSCHAFT, DE
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[54] **AGENTS D'AMELIORATION DE LA MANIABILITE DESTINES A DES COMPOSITIONS DE CIMENT**
[72] UMEZAWA, KENICHI, JP
[72] YAGUCHI, MINORU, JP
[72] MATSUMOTO, TOSHIMI, JP
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **METHODS AND APPARATUS FOR COATING SURFACES**
[54] **PROCEDES ET APPAREIL PERMETTANT D'ENDUIRE DES SURFACES**
[72] HUBBELL, JEFFREY A., CH
[72] NAPOLI, ALESSANDRO, CH
[72] BEARINGER, JANE P., US
[72] TIRELLI, NICOLA, CH
[72] TEXTOR, MARCUS, CH
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[25] EN
[54] **SUBSTITUTED PYRAZOLYL COMPOUNDS FOR THE TREATMENT OF INFLAMMATION**
[54] **COMPOSES DE PYRAZOLYL SUBSTITUES POUR LE TRAITEMENT DE L'INFLAMMATION**
[72] CRICH, JOYCE Z., US
[72] HUANG, HE, US
[72] METZ, SUZANNE, US
[72] XU, XIANGDONG, US
[72] HAGEN, TIMOTHY J., US
[72] STEALEY, MICHAEL A., US
[72] HOUDEK, STEPHEN J., US
[72] CLARE, MICHAEL, US
[72] HANSON, GUNNAR J., US
[72] VAZQUEZ, MICHAEL L., US
[72] WEIER, RICHARD M., US
[71] PHARMACIA CORPORATION, US
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[54] **COMPOUNDS, COMPOSITIONS, AND METHODS OF USE FOR GLYPHOSATE SALTS OF ETHER AMINES**
[54] **COMPOSES, COMPOSITIONS ET METHODES D'UTILISATION POUR DES SELS DE GLYPHOSATE D'ETHER AMINES**
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[71] BASF CORPORATION, US
[71] BASF AKTIENGESELLSCHAFT, DE
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[54] **6-O-CARBAMATE-11,12-LACTO-KETOLIDE ANTIMICROBIALS**
[54] **AGENTS ANTIMICROBIENS 6-O-CARBAMATE-11,12-LACTO-CETOLIDE**
[72] GRANT, EUGENE B., III, US
[72] HENNINGER, TODD C., US
[72] MACIELAG, MARK J., US
[72] GUIADEEN, DEODIALSINGH, US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
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[54] **THERMOPLASTIC ELASTOMER COMPOSITION AND PROCESS FOR PRODUCING THE SAME**
[54] **COMPOSITION ELASTOMERE THERMOPLASTIQUE ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] NAKANISHI, HIDEO, JP
[72] OKAMOTO, TAKAHIRO, JP
[72] KANAE, KENTAROU, JP
[72] MAEDA, MINORU, JP
[72] MORIKAWA, AKIHIKO, JP
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[54] **AEROGENERATEUR ET PALE D'AEROGENERATEUR GENERANT DE L'ENERGIE**
[72] JANG, KEUN-SUK, KR
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[25] EN
[54] **DRY MIX FOR WATER BASED DRILLING FLUID**
[54] **MELANGE SEC POUR FLUIDE DE FORAGE A BASE D'EAU**
[72] HAYES, JAMES, US
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[25] EN
[54] **TETRAPEPTIDE DERIVATIVE CRYSTALS**
[54] **CRISTAUX D'UN DERIVE DE TETRAPEPTIDE**
[72] MIYAZAKI, KOICHI, JP
[72] MINAMI, NOBUYOSHI, JP
[72] KEINO, KATSUYUKI, JP
[72] KANADA, ARIHIRO, JP
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[51] **Int.Cl. 7H04B 1/707 7H04B 7/26**
[25] EN
[54] **METHOD AND APPARATUS FOR STEP TWO OF W-CDMA SEARCHING**
[54] **PROCEDE ET APPAREIL POUR EFFECTUER LA DEUXIEME ETAPE D'UNE RECHERCHE W-CDMA**
[72] VENKATESAN, SIVARAMA, US
[72] RAO, SUBRAMANYA P., US
[72] AGRAWAL, AVNEESH, US
[72] TERASAWA, DAISUKE, US
[72] GHO, GWANG-HYUN, US
[71] QUALCOMM INCORPORATED, US
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[54] **SENSOR SWITCH ASSEMBLY**
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[72] TSUI, SAM, HK
[71] MATTEL, INC., US
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[51] **Int.Cl. 7F24H 9/20**
[25] EN
[54] **ELECTRIC CIRCUIT FOR PORTABLE HEATER**
[54] **CIRCUIT ELECTRIQUE D'UN APPAREIL DE CHAUFFAGE PORTATIF**
[72] TATEISHI, ART, CA
[71] TATEISHI, ART, CA
[85] 2004-03-18
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[13] A1
[51] **Int.Cl. 7H04N 5/91 7G06F 3/00 7H04N 7/16 7H04N 7/173 7H04N 5/445**
[25] EN
[54] **COMMUNICATING A CHANNEL-CHANGE EVENT FROM A SET TOP BOX TO A DIGITAL VIDEO RECORDER**
[54] **COMMUNICATION D'UN EVENEMENT DE CHANGEMENT DE CANAL ENTRE UN BOITIER DECODEUR ET UN ENREGISTREUR VIDEO NUMERIQUE**
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[72] PRICE, WILLIAM P., US
[71] KEEN PERSONAL MEDIA, INC., US
[85] 2004-03-18
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[30] US (09/960,196) 2001-09-20

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[13] A1
[51] **Int.Cl. 7G01N 33/543 7C09D 161/04**
[25] EN
[54] **SOLID SUPPORT FOR IMMOBILIZING BIOMOLECULES**
[54] **SUPPORT SOLIDE POUR L'IMMOBILISATION DE BIOMOLECULES**
[72] PREININGER, CLAUDIA, AT
[71] ARC SEIBERSDORF RESEARCH GMBH, AT
[85] 2004-03-23
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[30] AT (A 1508/2001) 2001-09-24

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[13] A1
[51] **Int.Cl. 7A01N 63/00 7C12N 5/00 7C12N 5/02**
[25] EN
[54] **NESTIN-EXPRESSING HAIR FOLLICLE STEM CELLS**
[54] **CELLULES SOUCHES DE FOLLICULES PILEUX EXPRIMANT LA NESTINE**
[72] YANG, MENG, US
[72] LI, LINGNA, US
[71] ANTICANCER, INC., US
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[13] A1
[51] **Int.Cl. 7G01V 3/00 7G01R 33/20**
[25] EN
[54] **METHOD AND SYSTEM FOR USING CONVENTIONAL CORE DATA TO CALIBRATE BOUND WATER VOLUMES DERIVED FROM NMR LOGS**
[54] **PROCEDE ET SYSTEME D'UTILISATION DE DONNEES CENTRALES CLASSIQUES AFIN D'ETALONNER DES VOLUMES D'EAU LIEE A PARTIR DE DIAGRAPHERS RMN**
[72] MARSCHALL, DAVID M., US
[72] GALFORD, JAMES E., US
[71] HALLIBURTON ENERGY SYSTEMS, INC., US
[85] 2004-03-18
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[13] A1
[51] **Int.Cl. 7A61K 31/4439 7A61P 1/04**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS FOR PROTECTING PHARMACEUTICAL COMPOUND FROM ACIDIC ENVIRONMENTS**
[54] **FORMULATIONS PHARMACEUTIQUES POUR LA PROTECTION DE COMPOSES PHARMACEUTIQUES CONTRE DES MILIEUX ACIDES**
[72] TANEJA, RAJNEESH, US
[72] GUPTA, PRAMOD, US
[71] ABBOTT LABORATORIES, US
[85] 2004-03-19
[86] 2002-07-12 (PCT/US2002/022229)
[87] 2003-03-27 (WO2003/024449)
[30] US (09/955,801) 2001-09-19

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[13] A1
[51] **Int.Cl. 7H04L 25/03**
[25] EN
[54] **ADAPTIVE EQUALIZER WHICH IS INDEPENDENT OF THE AMPLITUDE OF THE TRANSMITTED SIGNAL**
[54] **EGALISEUR ADAPTIF INDEPENDANT DE L'AMPLITUDE D'EMISSION**
[72] GUPTA, ATUL KRISHNA, CA
[72] SIVADAS, APU, CA
[72] LAZARIS-BRUNNER, KENNETH STEVEN, CA
[72] TAILOR, BHARAT, CA
[72] SHUKLA, RAJIV KUMAR, CA
[72] PAPANIKOLAOU, VASILIS, CA
[71] GENNUM CORPORATION, CA
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[86] 2002-09-17 (PCT/CA2002/001419)
[87] 2003-03-27 (WO2003/026236)
[30] US (09/957,064) 2001-09-19

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[51] **Int.Cl. 7B27B 33/08 7B23B 51/04**
[25] EN
[54] **AN IMPROVED HOLE SAW ASSEMBLY**
[54] **SYSTEME DE SCIE TREPAN AMELIORE**
[72] KEIGHTLEY, KYM JOHN, AU
[71] KEIGHTLEY, KYM JOHN, AU
[85] 2004-03-19
[86] 2002-09-20 (PCT/AU2002/001296)
[87] 2003-03-27 (WO2003/024677)
[30] AU (PR 7803) 2001-09-21

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[51] **Int.Cl. 7B27K 3/02 7B27K 3/18**
[25] EN
[54] **FIRE RETARDANT CELLULOSE PRESERVATIVE TREATMENT PROCESS**
[54] **PROCEDE DE TRAITEMENT DE PROTECTION ET IGNIFUGATION DE LA CELLULOSE**
[72] RAY, JAMES N., US
[71] PREMIER WOOD TREATING, L.L.C., US
[85] 2004-03-19
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[51] **Int.Cl. 7C09K 17/40 7C04B 28/10 7C04B 24/26**
[25] EN
[54] **MODIFIED POWDERED MASS FOR TREATMENT OF SOILS AND LOOSE BUILDING MATERIALS**
[54] **MASSE PULVERISEE MODIFIEE POUR LE TRAITEMENT DES SOLS ET DES MATERIAUX DE CONSTRUCTION EN VRAC**
[72] NEVRKLA, VLASTIMIL, CZ
[71] NEVRKLA, VLASTIMIL, CZ
[85] 2004-03-18
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[87] 2003-03-27 (WO2003/025091)
[30] CZ (PV 2001-3395) 2001-09-21

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[51] **Int.Cl. 7H04L 12/56 7H04Q 11/04**
[25] EN
[54] **METHOD FOR SELECTING USEFUL ROUTES IN A ROUTER FOR EVEN TRAFFIC DISTRIBUTION IN A COMMUNICATION NETWORK**
[54] **PROCEDE DE SELECTION DE ROUTES PERTINENTES DANS UN ROUTEUR POUR UNE REPARTITION DE TRAFIC UNIFORME DANS UN RESEAU DE COMMUNICATION**
[72] SCHRODI, KARL, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-18
[86] 2002-09-20 (PCT/DE2002/003537)
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[30] DE (101 46 349.9) 2001-09-20
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[51] **Int.Cl. 7G06F 9/38 7G06F 15/76**
[25] EN
[54] **VERTICAL INSTRUCTION , DATA PROCESSING, AND DIFFERENTIATED SERVICES IN A NETWORK PROCESSOR ARCHITECTURE**
[54] **INSTRUCTION VERTICALE, TRAITEMENT DES DONNEES ET SERVICES DIFFERENCIES DANS UNE ARCHITECTURE A PROCESSEUR DE RESEAU**
[72] TRINH, MAN DIEU, US
[72] BLESZYNSKI, RYSZARD, US
[72] ONO, GOLCHIRO, US
[72] LEE, BARRY, US
[71] BAY MICROSYSTEMS, INC., US
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[30] US (60/323,627) 2001-09-19
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[30] US (60/382,437) 2002-05-20

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[25] EN
[54] **TIME KEEPING SYSTEM WITH AUTOMATIC DAYLIGHT SAVINGS TIME ADJUSTMENT**
[54] **SYSTEME D'HORLOGERIE A AJUSTEMENT D'HEURE AVANCEE**
[72] BIHLER, ROLAND W., US
[72] GOLLNICK, ROBIN W., US
[72] O'NEILL, TERRENCE J., US
[71] QUARTEX, INC., US
[85] 2004-03-18
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[25] EN
[54] **PROCESS AND APPARATUS FOR SILICON BOAT, SILICON TUBING AND OTHER SILICON BASED MEMBER FABRICATION**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE NACELLE EN SILICIUM, TUYAUX EN SILICIUM ET AUTRE ELEMENT AU SILICIUM**
[72] PANDELISEV, KIRIL A., US
[71] PHOENIX SCIENTIFIC CORPORATION, US
[85] 2004-03-19
[86] 2002-09-19 (PCT/US2002/029516)
[87] 2003-03-27 (WO2003/024876)
[30] US (60/323,098) 2001-09-19
[30] US (60/336,712) 2001-12-07

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[13] A1

[51] **Int.Cl. 7H04Q 11/04 7H04L 12/56**
[25] EN
[54] **TRANSMISSION OF INFORMATION IN A PACKET-ORIENTED COMMUNICATION NETWORK**
[54] **TRANSMISSION D'INFORMATIONS DANS UN RESEAU DE COMMUNICATION ORIENTE PAQUETS**
[72] SCHRODI, KARL, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-18
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[87] 2003-03-27 (WO2003/026341)
[30] DE (101 46 349.9) 2001-09-20
[30] DE (101 48 893.9) 2001-10-04
[30] DE (101 61 508.6) 2001-12-14
[30] DE (101 61 546.9) 2001-12-14
[30] DE (101 61 547.7) 2001-12-14

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[13] A1

[51] **Int.Cl. 7B05B 1/02 7B67D 5/08 7B65D 83/52**
[25] EN
[54] **SYSTEM AND METHOD FOR A TWO PIECE SPRAY NOZZLE**
[54] **SYSTEME ET PROCEDE POUR BUSE DE PULVERISATION EN DEUX PARTIES**
[72] PY, DANIEL, US
[71] PY, DANIEL, US
[85] 2004-03-18
[86] 2002-09-20 (PCT/US2002/029943)
[87] 2003-04-03 (WO2003/026380)
[30] US (09/962,949) 2001-09-24

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[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD FOR SENDING POSTAL PACKETS**
[54] **PROCEDE D'EXPEDITION D'ENVOIS POSTAUX**
[72] MAYER, BORIS, DE
[72] FRANKENBERG, STEFFEN, DE
[71] DEUTSCHE POST AG, DE
[85] 2004-03-18
[86] 2002-10-07 (PCT/DE2002/003759)
[87] 2003-04-24 (WO2003/034293)
[30] DE (101 49 621.4) 2001-10-09

[21] **2,461,004**
[13] A1

[51] **Int.Cl. 7C23C 2/14**
[25] EN
[54] **METHOD AND DEVICE FOR COATING THE SURFACE OF ELONGATED METAL PRODUCTS**
[54] **PROCEDE ET DISPOSITIF DE REVETEMENT DE LA SURFACE DE PRODUITS METALLIQUES EN FORME DE BARRES**
[72] BRISBERGER, ROLF, DE
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE
[85] 2004-03-18
[86] 2002-08-28 (PCT/EP2002/009573)
[87] 2003-04-03 (WO2003/027346)
[30] DE (101 46 791.5) 2001-09-20

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[13] A1

[51] **Int.Cl. 7B65G 47/14**
[25] EN
[54] **DEVICE FOR AUTOMATICALLY ADJUSTING MEANS FOR VERTICALLY DIRECTING AND ALIGNING PLASTIC CONTAINERS IN AN DIRECTING-ALIGNING MACHINE**
[54] **DISPOSITIF AJUSTANT AUTOMATIQUEMENT DES MECANISME DESTINES A ORIENTER VERTICALEMENT ET ALIGNER DES CONTENANTS EN MATIERE PLASTIQUE DANS UNE MACHINE A CET EFFET**
[72] LANFRANCHI, MARIO, IT
[71] LANFRANCHI S.R.L., IT
[85] 2004-03-18
[86] 2003-03-04 (PCT/EP2003/002195)
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[30] IT (PR2002A000012) 2002-03-20

[21] **2,461,006**
[13] A1

[51] **Int.Cl. 7B05B 11/00**
[25] EN
[54] **DOSING DEVICE WITH A MEDIUM RESERVOIR AND A PUMP DEVICE**
[54] **DISPOSITIF DE DOSAGE POURVU D'UN RESERVOIR DE SUBSTANCES ET D'UN DISPOSITIF DE POMPAGE**
[72] GRAF, LOTHAR, DE
[72] MBONYUMUHIRE, PIERRE, DE
[71] ING. ERICH PFEIFFER GMBH, DE
[85] 2004-03-18
[86] 2002-09-17 (PCT/EP2002/010420)
[87] 2003-04-03 (WO2003/026804)
[30] DE (101 48 899.8) 2001-09-21
[30] EP (02008876.1) 2002-04-20

[21] **2,461,007**
[13] A1

[51] **Int.Cl. 7C07K 14/52 7A61P 1/16 7A61K 38/19**
[25] EN
[54] **USE OF CARDIOTROPHIN IN HEPATIC DISEASES**
[54] **UTILISATION DE LA CARDIOTROPHINE DANS LES MALADIES HEPATIQUES**
[72] BUSTOS DE ABAJO, MATILDE, ES
[72] PRIETO VALTUENA, JESUS, ES
[72] BAIXERAS LLANO, ELENA, ES
[72] LASARTE SAGASTIBELZA, JUAN JOSE, ES
[71] FUNDACION PARA LA INVESTIGACION MEDICA APLICADA, ES
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[30] ES (P 200102120) 2001-09-21

[21] **2,461,008**
[13] A1

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[54] **LIFE SUPPORT SYSTEMS FOR AIRCRAFT**
[54] **SYSTEMES DE SURVIE DESTINES A DES AERONEFS**
[72] PHILLIPS, ROBERT JOHN, GB
[71] HONEYWELL NORMALAIR-GARRETT (HOLDINGS) LIMITED, GB
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[21] **2,461,009**
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[51] **Int.Cl. 7G06F 17/60**
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[54] **METHOD AND SYSTEM FOR PROCESSING A TRANSACTION**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE TRANSACTIONS**
[72] LYNAM, JOSEPH M., US
[72] DAWSON, KEN R., US
[72] TRUITT, JENNIFER, US
[72] PHILBIN, M. BRENDAN, US
[71] PAYMENTONE CORPORATION, US
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[30] US (09/962,043) 2001-09-21

[21] **2,461,011**
[13] A1

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[25] EN
[54] **ELECTROCONDUCTIVE SILICONE RUBBER SPONGE**
[54] **EPONGE EN ELASTOMERE DE SILICONE ELECTRO-CONDUCTEUR**
[72] BABA, KATSUYA, JP
[72] HIGUCHI, KAZUO, JP
[72] NAKAMURA, AKITO, JP
[72] HONMA, HIROSHI, JP
[71] DOW CORNING TORAY SILICONE CO., LTD., JP
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[30] JP (2001-288455) 2001-09-21

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[51] **Int.Cl. 7C08G 59/20 7C09D 163/00 7C09D 133/14**
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[54] **CURABLE RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE POLYMERISABLE**
[72] SUGAI, HIDEO, JP
[72] SAIKA, MASAOKI, JP
[72] YAMADA, HIDEYUKI, JP
[71] KANSAI PAINT CO., LTD., JP
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[30] JP (2001-286006) 2001-09-20

[21] **2,461,013**
[13] A1

[51] **Int.Cl. 7A61K 31/122 7A61P 43/00 7A61P 39/06 7A61K 31/085**
[25] EN
[54] **COMPOSITIONS FOR LESSENING OXIDATIVE STRESS**
[54] **COMPOSITIONS DESTINEES A REDUIRE LE STRESS OXYDATIF**
[72] KAWABE, TAIZO, JP
[72] HOSOE, KAZUNORI, JP
[72] HIDAKA, TAKAYOSHI, JP
[72] FUJII, KENJI, JP
[71] KANEKA CORPORATION, JP
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[25] EN
[54] **METHOD FOR PRODUCING SI
PROCEDE DE PRODUCTION DE
SILICIUM**
[72] OKAJIMA, MASAKI, JP
[72] KONDO, JIRO, JP
[72] TOKUMARU, SHINJI, JP
[72] DOHNOMAE, HITOSHI, JP
[71] NIPPON STEEL CORPORATION, JP
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[30] JP (2002-213853) 2002-07-23

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[13] A1
[51] **Int.Cl. 7G06F 17/30 7G06F 7/00
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[25] EN
[54] **A SYSTEM AND METHOD FOR A
MULTI-NODE ENVIRONMENT WITH
SHARED STORAGE**
[54] **SYSTEME ET PROCEDE POUR
ENVIRONNEMENT MULTINOEUDE A
MEMOIRE PARTAGEE**
[72] KINGSBURY, BRENT A., US
[72] CASPER, CORENE, US
[72] DOVE, KENNETH F., US
[72] SPITZER, MICHAEL J., US
[72] ROKOP, TERENCE M., US
[72] CALLAHAN, MICHAEL J., US
[72] KRUEGER, PHIL, US
[71] POLYSERVE, INC., US
[85] 2004-03-18
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[30] US (60/324,226) 2001-09-21
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[13] A1
[51] **Int.Cl. 7G03B 21/00**
[25] EN
[54] **DECOUPLABLE IMAGE
PROJECTION DEVICE FOR USE WITH
DOCKING STATIONS**
[54] **DISPOSITIF DE PROJECTION
D'IMAGES DECOUPABLES UTILISE
AVEC DES STATIONS D'ACCUEIL**
[72] NANKIVELL, PETER HUGH, AU
[72] BANKS, PHILIP BRENDAN, AU
[72] OUTHRED, LUCEILLE, AU
[72] SOPER, KEVIN JAMES, AU
[71] DIGISLIDE INTERNATIONAL PTY
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[85] 2004-03-19
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[13] A1
[51] **Int.Cl. 7E01C 19/28 7E02D 3/026
7E01C 19/48**
[25] EN
[54] **SYSTEM FOR MEASURING
MATERIAL PROPERTIES FROM A
MOVING CONSTRUCTION VEHICLE**
[54] **SYSTEME DE MESURE DE
PROPRIETES DE MATERIAU A
PARTIR D'UN VEHICULE DE
CONSTRUCTION EN DEPLACEMENT**
[72] SCOTESE, MICHAEL J., US
[72] STRIDIRON, LAURA, US
[71] INGERSOLL-RAND COMPANY, US
[85] 2004-03-18
[86] 2002-09-19 (PCT/US2002/029882)
[87] 2003-11-20 (WO2003/095984)
[30] US (60/323,787) 2001-09-19

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[13] A1
[51] **Int.Cl. 7G11C 11/406**
[25] EN
[54] **EDRAM BASED ARCHITECTURE**
[54] **ARCHITECTURE A BASE
D'EDRAM**
[72] PAN, HANFANG, US
[72] ZHANG, HAITAO, US
[72] SIMMONDS, STEPHEN M., US
[71] QUALCOMM INCORPORATED, US
[85] 2004-03-19
[86] 2002-09-19 (PCT/US2002/030000)
[87] 2003-03-27 (WO2003/025947)
[30] US (60/324,013) 2001-09-20
[30] US (10/242,878) 2002-09-11

[21] **2,461,020**
[13] A1
[51] **Int.Cl. 7C23F 13/00**
[25] EN
[54] **CATHODIC PROTECTION
SYSTEM**
[54] **SYSTEME DE PROTECTION
CATHODIQUE**
[72] BENNETT, JOHN E., US
[71] J.E. BENNETT CONSULTANTS, INC.,
US
[85] 2004-03-18
[86] 2002-09-20 (PCT/US2002/030030)
[87] 2003-04-03 (WO2003/027356)
[30] US (60/324,811) 2001-09-26

[21] **2,461,021**
[13] A1
[51] **Int.Cl. 7H04B 7/00 7H04Q 7/00
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7H04L 12/413**
[25] EN
[54] **A SYSTEM AND METHOD
EMPLOYING ALGORITHMS AND
PROTOCOLS FOR OPTIMIZING
CARRIER SENSE MULTIPLE ACCESS
(CSMA) PROTOCOLS IN WIRELESS
NETWORKS**
[54] **SYSTEME ET PROCEDE
METTANT EN OEUVRE DES
ALGORITHMES ET DES
PROTOCOLES PERMETTANT
D'OPTIMISER LES PROTOCOLES
D'ACCES MULTIPLE PAR DETECTION
DE PORTEUSE (CSMA) DANS DES
RESEAUX SANS FIL**
[72] KOOS, LARRY, US
[72] STANFORTH, PETER, US
[72] WHITEHILL, ERIC, US
[71] MESHNETWORKS, INC., US
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[86] 2002-09-25 (PCT/US2002/030304)
[87] 2003-04-03 (WO2003/028245)
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[13] A1

[51] **Int.Cl. 7G02B 6/38**
[25] EN
[54] **FIBER OPTIC PLUG**
[54] **PRISE DE FIBRE OPTIQUE**
[72] CHILDERS, DARRELL R., US
[72] MELTON, STUART R., US
[72] LUTHER, JAMES P., US
[72] TRAN, HIEU V., US
[72] MCDONALD, A. JOHN, US
[71] CORNING CABLE SYSTEMS LLC, US
[85] 2004-03-18
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[87] 2003-06-19 (WO2003/050579)
[30] US (09/967,259) 2001-09-28

[21] **2,461,023**
[13] A1

[51] **Int.Cl. 7E05F 15/16**
[25] EN
[54] **METHOD AND APPARATUS FOR DYNAMIC BRAKING OF A BARRIER OPERATOR**
[54] **PROCEDE ET APPAREIL DE FREINAGE DYNAMIQUE D'UN ACTIONNEUR DE BARRIERE**
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[85] 2004-03-18
[86] 2002-09-26 (PCT/US2002/030768)
[87] 2003-04-03 (WO2003/028200)
[30] US (09/965,311) 2001-09-27

[21] **2,461,024**
[13] A1

[51] **Int.Cl. 7H04M 1/02**
[25] EN
[54] **ELECTRONIC DEVICE WITH EXTENDABLE KEYBOARD**
[54] **DISPOSITIF ELECTRONIQUE A CLAVIER EXTENSIBLE**
[72] MIRAMONTES, IVAN, US
[71] SIERRA WIRELESS, INC., CA
[85] 2004-03-18
[86] 2002-09-27 (PCT/US2002/030937)
[87] 2003-04-03 (WO2003/028346)
[30] US (09/969,381) 2001-09-28

[21] **2,461,025**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **EFFICIENT MANGEMENT OF LARGE FILES**
[54] **GESTION EFFICACE DE FICHIERS DE GRANDE TAILLE**
[72] EVERSON, KURT, US
[72] RUEF, RICHARD, US
[72] SAAKE, MARK, US
[71] EVERSON, KURT, US
[71] RUEF, RICHARD, US
[71] SAAKE, MARK, US
[85] 2004-03-18
[86] 2002-09-20 (PCT/US2002/031928)
[87] 2003-04-03 (WO2003/027909)
[30] US (60/324,578) 2001-09-26

[21] **2,461,026**
[13] A1

[51] **Int.Cl. 7G01N 21/77 7G01N 21/64**
[25] EN
[54] **SENSOR FOR ANIONS IN SOLUTION BASED ON A MOLECULARLY IMPRINTED POLYMER**
[54] **DETECTEUR D'ANIONS EN SOLUTION A BASE DE POLYMERE A EMPREINTE MOLECULAIRE**
[72] MURRAY, GEORGE M., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2004-03-18
[86] 2002-10-16 (PCT/US2002/033167)
[87] 2003-04-24 (WO2003/034043)
[30] US (60/329,652) 2001-10-16

[21] **2,461,027**
[13] A1

[51] **Int.Cl. 7E04B 1/94**
[25] EN
[54] **DRYWALL BACKING APPARATUS AND METHOD OF INSTALLING SAME**
[54] **APPAREIL DE BLOPAGE DE CLOISON SECHE ET PROCEDE D'INSTALLATION ASSOCIE**
[72] TOLLENAAR, DANIEL, W., US
[71] TOLLENAAR, DANIEL, W., US
[85] 2004-03-18
[86] 2002-10-17 (PCT/US2002/033182)
[87] 2003-05-01 (WO2003/035993)
[30] US (09/999,874) 2001-10-19

[21] **2,461,028**
[13] A1

[51] **Int.Cl. 7H01Q 1/12 7H01Q 15/00**
[25] EN
[54] **COATED SUBSTRATE HAVING A FREQUENCY SELECTIVE SURFACE**
[54] **SUBSTRAT REVETU A SURFACE A SELECTION DE FREQUENCE**
[72] VOELTZEL, CHARLES S., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2004-03-18
[86] 2002-10-22 (PCT/US2002/033738)
[87] 2003-05-01 (WO2003/036758)
[30] US (60/351,055) 2001-10-25
[30] US (10/269,388) 2002-10-11

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[13] A1

[51] **Int.Cl. 7H02G 3/08 7H05K 5/00**
[25] EN
[54] **REMOTE ENCLOSURE SYSTEMS AND METHODS OF PRODUCTION THEREOF**
[54] **SYSTEMES COMPORTANT UNE ENCEINTE ELOIGNEE ET PROCEDES DE PRODUCTION CORRESPONDANTS**
[72] JOHNSON, KELLY, US
[72] MILLER, WILLIAM, US
[71] PURCELL SYSTEMS, INC., US
[85] 2004-03-18
[86] 2002-10-30 (PCT/US2002/034800)
[87] 2003-08-14 (WO2003/067727)
[30] US (60/379,480) 2002-05-10

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[13] A1

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[25] EN
[54] **POLYOXOMETALLATE CATALYSTS AND METHOD FOR THE PRODUCTION OF CARBOXYLIC ACIDS BY CATALYSED PARTIAL OXIDATION OF ALKANES**
[54] **CATALYSEURS DE POLYOXOMETALLATE ET PROCEDE DE PRODUCTION D'ACIDES CARBOXYLIQUES PAR OXYDATION PARTIELLE CATALYSEE D'ALCANES**
[72] DAVIS, MARK E., US
[72] DILLON, CHRISTOPHER J., US
[72] BRAIT, AXEL, US
[72] HOLLES, JOSEPH H., US
[72] LABINGER, JAY, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2004-03-18
[86] 2002-11-04 (PCT/US2002/035235)
[87] 2003-05-15 (WO2003/039745)
[30] US (60/335,316) 2001-11-02
[30] US (60/405,575) 2002-08-23
[30] US (10/286,066) 2002-11-01

[21] **2,461,031**
[13] A1

[51] **Int.Cl. 7F04C 18/16 7F04C 29/08 7F04C 29/10**
[25] EN
[54] **DISCHARGE PORTING DESIGN FOR SCREW COMPRESSOR**
[54] **MODELE D'ORIFICE DE REFOULEMENT POUR COMPRESSEUR A VIS**
[72] ROUSSEAU, WILLIAM H., US
[72] ZHONG, JIANPING, US
[71] CARRIER CORPORATION, US
[85] 2004-03-18
[86] 2003-06-24 (PCT/US2003/019892)
[87] 2004-01-29 (WO2004/010002)
[30] US (10/201,175) 2002-07-22

[21] **2,461,032**
[13] A1

[51] **Int.Cl. 7G07D 11/00 7B65H 29/00**
[25] EN
[54] **BANKNOTE ACCUMULATOR**
[54] **ACCUMULATEUR DE BILLETS**
[72] BUKHMAN, SERGIY, CA
[72] KUCHERENKO, MYKHAYLO, CA
[72] ONIPCHENKO, OLEKSANDR, CA
[72] SALTSOV, LEON, CA
[72] ANDROSYUK, SERGIY, CA
[71] CASHCODE COMPANY INC., CA
[85] 2004-03-19
[86] 2002-09-27 (PCT/CA2002/001463)
[87] 2003-04-10 (WO2003/030107)
[30] CA (2,357,930) 2001-09-28

[21] **2,461,034**
[13] A1

[51] **Int.Cl. 7C07D 217/26 7A61P 29/00 7A61P 25/04 7C07D 401/12 7A61K 31/472 7A61K 31/4725 7A61K 31/496**
[25] EN
[54] **TETRAHYDROISOCHINOLINES, THEIR PRODUCTION AND THE USE THEREOF AS ANALGESICS**
[54] **TETRAHYDROISOCHINOLINES, LEUR PREPARATION ET LEUR UTILISATION EN TANT QU'ANALGESIQUES**
[72] MEIER, HEINRICH, DE
[72] KALTHOF, BERND, DE
[72] GRIEBENOW, NILS, DE
[72] SPREYER, PETER, DE
[72] WIRTZ, STEPHAN-NICHOLAS, DE
[71] BAYER HEALTHCARE AG, DE
[85] 2004-03-19
[86] 2002-09-11 (PCT/EP2002/010159)
[87] 2003-04-10 (WO2003/029221)
[30] DE (101 46 867.9) 2001-09-24

[21] **2,461,035**
[13] A1

[51] **Int.Cl. 7B60B 39/04**
[25] EN
[54] **DOSING DEVICE FOR SANDING DEVICES, ESPECIALLY FOR RAIL VEHICLES**
[54] **DISPOSITIF DE DOSAGE POUR DES DIFFUSEURS DE SABLE, NOTAMMENT POUR DES VEHICULES SUR RAILS**
[72] BARTLING, WERNER, DE
[71] BARTLING, LUISE, DE
[71] GOLDMANN, NORBERT, DE
[85] 2004-03-19
[86] 2002-09-17 (PCT/EP2002/010412)
[87] 2003-04-24 (WO2003/033279)
[30] AT (A 1638/2001) 2001-10-16

[21] **2,461,040**
[13] A1

[51] **Int.Cl. 7A01N 25/00**
[25] EN
[54] **FUNGICIDAL COMPOSITIONS AND THEIR APPLICATIONS IN AGRICULTURE**
[54] **COMPOSITIONS FONGICIDES ET APPLICATIONS CORRESPONDANTES DANS L'AGRICULTURE**
[72] HEPPNER, CLAUDIA, GB
[72] ASRAR, JAWED, US
[72] DING, YIWEI, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2004-03-22
[86] 2002-09-27 (PCT/US2002/030706)
[87] 2003-04-03 (WO2003/026421)
[30] US (60/325,297) 2001-09-27

[21] **2,461,042**
[13] A1

[51] **Int.Cl. 7A61K 9/46**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF FAST DISSOLVING DOSAGE FORM**
[54] **PROCEDE DE PREPARATION D'UNE FORME POSOLOGIQUE A DISSOLUTION RAPIDE**
[72] ARORA, VINOD KUMAR, IN
[72] MADAN, ASHISH, IN
[72] TREHAN, ANUPAM, IN
[71] RANBAXY LABORATORIES LIMITED, IN
[85] 2004-03-22
[86] 2002-09-25 (PCT/IB2002/003969)
[87] 2003-04-03 (WO2003/026610)
[30] IN (981/DEL/2001) 2001-09-25

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[21] **2,461,044**
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61P 29/00 7A61K 47/26 7A61K 31/42**
[25] EN
[54] **INTRAORALLY DISINTEGRATING VALDECOXIB COMPOSITIONS**
[54] **COMPOSITIONS DE VALDECOXIB SE DESINTEGRANT DANS LA BOUCHE**
[72] LE, TRANG T., US
[72] YAMAMOTO, KEN, US
[72] SHAH, UDAY J., US
[72] REO, JOSEPH P., US
[72] LUDWIG, BLAKE C., US
[71] PHARMACIA CORPORATION, US
[85] 2004-03-22
[86] 2002-09-23 (PCT/US2002/030161)
[87] 2003-04-03 (WO2003/026623)
[30] US (60/325,356) 2001-09-26

[21] **2,461,060**
[13] A1

[51] **Int.Cl. 7C07D 401/10**
[25] EN
[54] **METHOD FOR PREPARING PYRIMIDINONE COMPOUND AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF**
[54] **PROCEDE DE FABRICATION DE COMPOSES PYRIMIDINONE ET DE SELS PHARMACEUTIQUEMENT ACCEPTABLES DE CES COMPOSES**
[72] YOO, BYOUNG-WUG, KR
[72] KIM, JI-HAN, KR
[72] KIM, SANG-LIN, KR
[72] LEE, JUNG-BOK, KR
[72] TAN, HYUN-KWANG, KR
[71] BORYUNG PHARMACEUTICAL CO., LTD., KR
[85] 2004-03-19
[86] 2001-09-21 (PCT/KR2001/001583)
[87] 2003-03-27 (WO2003/024956)

[21] **2,461,072**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61P 29/00**
[25] EN
[54] **COMPOUNDS WHICH INHIBIT THE RELEASE OF INFLAMMATORY CYTOKINES**
[54] **COMPOSES INHIBANT LA LIBERATION DES CYTOKINES INFLAMMATOIRES**
[72] DE, BISWANATH, US
[72] CLARK, MICHAEL PHILLIP, US
[72] DJUNG, JANE FAR-JINE, US
[72] LAUFERSWEILER, MATTHEW JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-03-19
[86] 2002-09-20 (PCT/US2002/030134)
[87] 2003-03-27 (WO2003/024970)
[30] US (60/323,625) 2001-09-20

[21] **2,461,052**
[13] A1

[51] **Int.Cl. 7A63C 17/20**
[25] EN
[54] **SKATE APPARATUS**
[54] **APPAREIL POUR PATINS**
[72] HURST, MALCOLM PAUL, AU
[71] HURST INVESTMENTS (AUSTRALIA) PTY LTD., AU
[85] 2004-03-19
[86] 2002-10-07 (PCT/AU2002/001359)
[87] 2003-04-17 (WO2003/031002)
[30] AU (PR 8104) 2001-10-05
[30] AU (2002951325) 2002-09-11

[21] **2,461,071**
[13] A1

[51] **Int.Cl. 7C07D 491/20 7A61P 29/00**
[25] EN
[54] **SPIROCYCLIC-6,7-DIHYDRO-5H-PYRAZOLO[1,2-A]PYRAZOL-1-ONES WHICH CONTROL INFLAMMATORY CYTOKINES**
[54] **6,7-DIHYDRO-5H-PYRAZOLO[1,2-A]PYRAZOL-1-ONES SPYROCYCLIQUES REGULANT LES CYTOKINES INFLAMMATOIRES**
[72] DJUNG, JANE FAR-JINE, US
[72] BRUGEL, TODD ANDREW, US
[72] GOLEBIEWSKI, ADAM, US
[72] CLARK, MICHAEL PHILLIP, US
[72] DE, BISWANATH, US
[72] LAUFERSWEILER, MATTHEW JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-03-19
[86] 2002-09-20 (PCT/US2002/030133)
[87] 2003-03-27 (WO2003/024973)
[30] US (60/323,625) 2001-09-20

[21] **2,461,073**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61P 29/00**
[25] EN
[54] **6,7-DIHYDRO-5H-PYRAZOLO[1,2-A]PYRAZOL-1-ONES WHICH CONTROL INFLAMMATORY CYTOKINES**
[54] **6,7-DIHYDRO-5H-PYRAZOLO[1,2-A]PYRAZOL-1-ONES CONTROLANT LES CYTOKINES INFLAMMATOIRES**
[72] DJUNG, JANE FAR-JINE, US
[72] LAUFERSWEILER, MATTHEW JOHN, US
[72] NATCHUS, MICHAEL GEORGE, US
[72] DE, BISWANATH, US
[72] CLARK, MICHAEL PHILLIP, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-03-19
[86] 2002-09-20 (PCT/US2002/030135)
[87] 2003-03-27 (WO2003/024971)
[30] US (60/323,625) 2001-09-20

[21] **2,461,053**
[13] A1

[51] **Int.Cl. 7B23P 19/00 7B65G 65/00 7B23P 21/00 7B23Q 7/14**
[25] EN
[54] **SYSTEM FOR SELECTIVELY STORING AND REINTRODUCING PARTS INTO AN INDUSTRIAL ASSEMBLY LINE**
[54] **SYSTEME PERMETTANT DE STOCKER ET DE REINTRODUIRE SELECTIVEMENT DES PARTIES DANS UNE LIGNE D'ASSEMBLAGE INDUSTRIELLE**
[72] MCLENNAN, ROBERT, CA
[72] MCLENNAN, ROBERT, CA
[71] VALIANT CORPORATION, CA
[85] 2004-03-19
[86] 2002-09-27 (PCT/CA2002/001470)
[87] 2003-04-17 (WO2003/031113)
[30] US (09/975,046) 2001-10-11

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[21] **2,461,074**
[13] A1
[51] **Int.Cl. 7C07D 251/44 7A61P 29/00
7A61P 35/00 7A61P 19/02 7A61K 31/53**
[25] EN
[54] **METHODS AND COMPOSITIONS
OF NOVEL TRIAZINE COMPOUNDS**
[54] **METHODES ET COMPOSITIONS
FAISANT INTERVENIR DE
NOUVELLES TRIAZINES**
[72] ALEXANDER, CHRISTOPHER W.,
US
[72] PILLARISSETTI, SIVARAM, US
[72] SAXENA, UDAY, US
[72] CAMPBELL, KAREN A., US
[72] TIMMER, RICHARD T., US
[71] REDDY US THERAPEUTICS, INC.,
US
[85] 2004-03-19
[86] 2002-09-23 (PCT/US2002/030177)
[87] 2003-03-27 (WO2003/024926)
[30] US (60/324,147) 2001-09-21

[21] **2,461,075**
[13] A1
[51] **Int.Cl. 7H04L 12/58**
[25] EN
[54] **SYSTEM AND METHOD FOR
MANAGING DATA ITEMS**
[54] **SYSTEME ET PROCEDE DE
GESTION D'ELEMENTS DE DONNEES**
[72] LEGG, ANDREW J., CA
[72] SCHNURR, JEFFREY R., CA
[72] CHERRY, CARL L., CA
[72] LEWIS, ALLAN D., CA
[72] SINHA, ANAND, CA
[71] RESEARCH IN MOTION LIMITED,
CA
[85] 2004-03-19
[86] 2002-09-23 (PCT/CA2002/001448)
[87] 2003-03-27 (WO2003/026235)
[30] US (60/323,865) 2001-09-21

[21] **2,461,080**
[13] A1
[51] **Int.Cl. 7A61K 31/505 7A61P 29/00
7C07D 401/14**
[25] EN
[54] **SOLID-STATE FORMS OF N-(2-
HYDROXYACETYL)-5-(4-PIPERIDYL)-
4-(4-PYRIMIDINYL)-3-(4-
CHLOROPHENYL)PYRAZOLE**
[54] **FORMES A L'ETAT SOLIDE DU N-
(2-HYDROXYACETYL)-5-(4-
PIPERIDYL)-4-(4-PYRIMIDINYL)-3-(4-
CHLOROPHENYL)PYRAZOLE**
[72] YALAMANCHILL, GOPICHAND, US
[72] KOLBERT, KIMBERLY L., US
[72] MAO, MICHAEL K., US
[72] MUDIPALLI, PARTHA S., US
[72] FRAHER, THOMAS P., US
[72] MIYAKE, PATRICIA J., US
[72] HANKO, JASON A., US
[72] ALLEN, KIMBERLEY C., US
[72] CLARK, JERRY D., US
[72] LITTLE, CLAY R., US
[72] MOE, JODI L., US
[72] SHEIKH, AHMAD Y., US
[72] SEYMOUR, CHRISTINE B., US
[72] SCHILKE, TOBIN C., US
[71] PHARMACIA CORPORATION, US
[85] 2004-03-22
[86] 2002-09-25 (PCT/US2002/030538)
[87] 2003-04-03 (WO2003/026662)
[30] US (60/324,987) 2001-09-25

[21] **2,461,084**
[13] A1
[51] **Int.Cl. 7B60R 16/02**
[25] EN
[54] **VEHICLE STABILITY OPERATOR
FEEDBACK SYSTEM**
[54] **SYSTEME DE RETROACTION DE
STABILITE DE VEHICULE AU
CONDUCTEUR**
[72] SHEAFF, JON PHILIP, CA
[72] GILKES, BRUCE, CA
[72] MCKEOWN, STEVE, CA
[71] STABILITY DYNAMICS, LTD., CA
[85] 2004-03-22
[86] 2002-02-12 (PCT/CA2002/000162)
[87] 2003-04-03 (WO2003/026930)
[30] US (09/963,917) 2001-09-26

[21] **2,461,085**
[13] A1
[51] **Int.Cl. 7A61K 31/663 7A61P 29/00
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7A61K 31/337 7A61K 31/365 7A61K 31/42
7A61K 31/444 7A61K 31/635**
[25] EN
[54] **PHARMACEUTICAL
COMPOSITION FOR USE FOR THE
TREATMENT OF MALIGNANCIES
COMPRISING IN COMBINATION A
BISPHOSPHONATES, A COX-2
INHIBITOR AND A TAXOL**
[54] **COMPOSITION
PHARMACEUTIQUE SERVANT A
TRAITER DES TUMEURS MALIGNES
ET COMPRENANT UNE
COMBINAISON DE BIPHOSPHONATE,
D'INHIBITEUR DE COX-2 ET DE
TAXOL**
[72] GREEN, JONATHAN, CH
[72] WITTERS, LOIS MARY, US
[72] LIPTON, ALLAN, US
[71] NOVARTIS AG, CH
[71] WITTERS, LOIS MARY, US
[71] LIPTON, ALLAN, US
[85] 2004-03-22
[86] 2002-10-18 (PCT/EP2002/011696)
[87] 2003-05-01 (WO2003/035081)
[30] US (60/345,921) 2001-10-19

[21] **2,461,087**
[13] A1
[51] **Int.Cl. 7C07D 211/32 7A61P 3/10
7A61K 31/445**
[25] EN
[54] **PROCESS FOR THE
PREPARATION OF REPAGLINIDE**
[54] **PROCESSUS DE PREPARATION
DE REPAGLINIDE**
[72] SALMAN, MOHAMMAD, IN
[72] BABU, JAYACHANDRA SURESH, IN
[72] KUMAR, NARESH, IN
[72] RAY, PURNA CHANDRA, IN
[71] RANBAXY LABORATORIES
LIMITED, IN
[85] 2004-03-22
[86] 2002-09-24 (PCT/IB2002/003943)
[87] 2003-04-03 (WO2003/027072)
[30] IN (983/DEL/2001) 2001-09-25

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[13] A1

[51] **Int.Cl. 7C08L 83/04 7C08J 5/00
7C08G 77/04 7C08G 77/06**
[25] EN
[54] **BUOYANT SILICONE RUBBER
COMPOUND**
[54] **COMPOSE DE CAOUTCHOUC
SILICONE FLOTTANT**
[72] FORD, RIQUE, US
[72] GINES, BRENT, US
[71] SOUTH VALLEY SPECIALTIES, US
[85] 2004-04-02
[86] 2002-10-07 (PCT/US2002/032222)
[87] 2004-04-15 (WO2004/031265)
[30] US (09/974,509) 2001-10-10

[21] **2,461,089**
[13] A1

[51] **Int.Cl. 7C07D 491/22 7A61P 35/00
7A61K 31/47**
[25] EN
[54] **PHARMACEUTICALLY
ACCEPTABLE SALTS OF 20(S)-
CAMPTOTHECINS**
[54] **SELS ACCEPTABLES D'UN POINT
DE VUE PHARMACEUTIQUE DE 20(S)-
CAMPTOTHECINES**
[72] DUVVURI, SUBRAHMANYAM, IN
[72] POTHUKUCHI, SAIRAM, IN
[72] RAJAGOPAL, SRIRAM, IN
[71] DR. REDDY'S LABORATORIES
LTD., IN
[85] 2004-03-22
[86] 2002-09-25 (PCT/IB2002/003950)
[87] 2003-04-03 (WO2003/027118)
[30] IN (798/MAS/2001) 2001-09-25

[21] **2,461,090**
[13] A1

[51] **Int.Cl. 7H04J 11/00 7H04L 27/26**
[25] EN
[54] **TRANSMITTING/RECEIVING
APPARATUS AND METHOD FOR
REDUCING PAPR IN AN OFDM
MOBILE COMMUNICATION SYSTEM**
[54] **DISPOSITIF D'EMISSION/
RECEPTION ET METHODE
PERMETTANT DE REDUIRE LE
RAPPORT VALEUR DE CRETE/
VALEUR MOYENNE DANS UN
SYSTEME DE COMMUNICATION
MOBILE MROF**
[72] KIM, IN-BAE, KR
[72] YUN, SUNG-RYUL, KR
[72] RYU, HEUNG-GYOOUN, KR
[72] JIN, BYOUNG-IL, KR
[72] JUNG, KI-HO, KR
[71] SAMSUNG ELECTRIC CO., LTD., KR
[85] 2004-03-29
[86] 2003-07-29 (PCT/KR2003/001517)
[87] 2004-03-18 (WO2004/023691)
[30] KR (44924/2002) 2002-07-30

[21] **2,461,096**
[13] A1

[51] **Int.Cl. 7H01S 3/16**
[25] EN
[54] **MID-IR MICROCHIP LASER:
ZNS:CR2+ LASER WITH SATURABLE
ABSORBER MATERIAL**
[54] **LASER A MICROCIRCUIT
FONCTIONNANT DANS
L'INFRAROUGE MOYEN: LASER
ZNS:CR2+ AVEC MILIEU
D'ABSORPTION SATURABLE**
[72] FEDEROV, VLADIMIR V., US
[72] MIROV, SERGEY B., US
[71] UNIVERSITY OF ALABAMA AT
BIRMINGHAM RESEARCH
FOUNDATION, US
[85] 2004-03-19
[86] 2002-09-19 (PCT/US2002/029707)
[87] 2003-03-27 (WO2003/026086)
[30] US (60/323,551) 2001-09-20

[21] **2,461,097**
[13] A1

[51] **Int.Cl. 7C04B 38/00 7B32B 18/00
7H01M 8/02 7H01M 8/12**
[25] EN
[54] **CERAMIC LAMINATED
SINTERED BODIES, A METHOD OF
PRODUCING THE SAME,
ELECTROCHEMICAL CELLS,
CONDUCTIVE INTERCONNECTORS
FOR THE SAME AND
ELECTROCHEMICAL DEVICES**
[54] **PRODUIT FRITEE CERAMIQUE
STRATIFIEE, SON PROCEDE DE
PRODUCTION, CELLULES
ELECTROCHIMIQUES, ELEMENT DE
JONCTION ELECTROCONDUCTEUR
POUR CELLULES
ELECTROCHIMIQUE, ET
DISPOSITIFS ELECTROCHIMIQUES**
[72] ITO, SHIGENORI, JP
[72] OKUMURA, KIYOSHI, JP
[72] SAKAI, HIROAKI, JP
[71] NGK INSULATORS, LTD., JP
[85] 2004-03-22
[86] 2002-09-26 (PCT/JP2002/009913)
[87] 2003-04-03 (WO2003/027041)
[30] JP (2001-292882) 2001-09-26
[30] JP (2001-297325) 2001-09-27

[21] **2,461,098**
[13] A1

[51] **Int.Cl. 7C07D 251/66 7C07F 9/02
7C08K 3/32 7C07D 251/70**
[25] EN
[54] **HALOGEN-FREE FLAME
RETARDANT COMPOUNDS**
[54] **COMPOSES RETARDATEURS DE
FLAMME SANS HALOGENE**
[72] KIERKELS, RENIER HENRICUS
MARIA, NL
[72] AELMANS, NICOLAAS JOHANNA
JOZEF, NL
[72] GROLLEMAN, PATRICIA
HUBERTINA CORNELIS, NL
[72] BRAAM, ADRIANUS WILHELMUS
MARIA, NL
[71] CIBA SPECIALTY CHEMICALS
HOLDING INC., CH
[85] 2004-03-19
[86] 2002-10-01 (PCT/EP2002/010994)
[87] 2003-04-17 (WO2003/031417)
[30] NL (1019144) 2001-10-09

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[21] **2,461,100**
[13] A1

[51] **Int.Cl. 7C07D 401/04 7A61P 1/00**
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7A61P 43/00 7A61P 11/02 7A61P 17/02
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7A61P 17/06 7A61P 19/06 7A61P 3/10
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7A61P 31/18 7A61P 25/28 7A61K 31/4439
7A61K 31/444 7A61K 31/4545 7A61K 31/
496 7A61K 31/506

[25] EN
[54] **4-IMIDAZOLIN-2-ONE**
COMPOUNDS
[54] **COMPOSES DE 4-IMIDAZOLIN-2-**
ONE
[72] MIYOSHI, HIDETAKA, JP
[72] SAKURAI, HIROAKI, JP
[72] IMASHIRO, RITSUO, JP
[72] OGASAWARA, AKIHITO, JP
[72] KUBO, AKIRA, JP
[72] HIRAMATSU, HAJIME, JP
[71] TANABE SEIYAKU CO., LTD., JP
[85] 2004-03-22
[86] 2002-10-22 (PCT/JP2002/010937)
[87] 2003-05-01 (WO2003/035638)
[30] JP (2001-324029) 2001-10-22
[30] JP (2002-263680) 2002-09-10

[21] **2,461,101**
[13] A1

[51] **Int.Cl. 7G01F 1/84**
[25] EN
[54] **VIBRATORY TRANSDUCER**
[54] **TRANSDUCTEUR DE TYPE**
VIBRATOIRE
[72] ANKLIN, MARTIN, CH
[72] WENGER, ALFRED, CH
[71] ENDRESS + HAUSER FLOWTEC AG,
CH
[85] 2004-03-19
[86] 2002-09-17 (PCT/EP2002/010427)
[87] 2003-04-03 (WO2003/027616)
[30] EP (01122801.2) 2001-09-21
[30] EP (01125774.8) 2001-10-29
[30] US (60/364,089) 2002-03-15

[21] **2,461,102**
[13] A1

[51] **Int.Cl. 7G21C 1/30 7G21C 1/06**
[25] EN
[54] **METHOD OF AND APPARATUS**
FOR TRANSMUTING RADIOACTIVE
WASTE
[54] **PROCEDE ET APPAREIL DE**
TRANSMUTATION DE DECHETS
RADIOACTIFS
[72] CSOM, GYULA, HU
[72] FEHER, SANDOR, HU
[72] SZIEBERTH, MATE, HU
[72] ASZODI, ATTILA, HU
[71] BUDAPESTI MUSZAKI ES
GAZDASAGTUDOMANYI EGYETEM,
HU
[85] 2004-03-22
[86] 2002-09-19 (PCT/HU2002/000091)
[87] 2003-03-27 (WO2003/025951)
[30] HU (P 0103762) 2001-09-20

[21] **2,461,103**
[13] A1

[51] **Int.Cl. 7B65D 85/20**
[25] EN
[54] **STORAGE AND TRANSPORT**
SYSTEM FOR COLLAPSIBLE
TRADESHOW DISPLAYS
[54] **SYSTEME DE RANGEMENT ET DE**
TRANSPORT DE PRESENTOIRS DE
FOIRES COMMERCIALES
ESCAMOTABLES
[72] SAVOIE, TROY, US
[71] SKYLINE DISPLAYS, INC., US
[85] 2004-03-19
[86] 2002-10-01 (PCT/US2002/031267)
[87] 2003-04-10 (WO2003/029112)
[30] US (60/326,518) 2001-10-01
[30] US (60/351,677) 2002-01-25

[21] **2,461,115**
[13] A1

[51] **Int.Cl. 7G01B 21/20 7B61K 9/02**
7G01B 11/245
[25] EN
[54] **METHOD FOR MEASUREMENT**
OF LARGE COMPONENTS, IN
PARTICULAR CAR BODIES FOR RAIL
VEHICLES
[54] **PROCEDE PERMETTANT DE**
MESURER DES COMPOSANTS DE
DIMENSIONS ELEVEES, EN
PARTICULIER LA CARROSSERIE DE
VEHICULES SUR RAILS
[72] LASCHET, UDO, DE
[72] BOHEIM, WILLI-FRED, DE
[72] RELLER, HORST, DE
[71] SIEMENS AKTIENGESELLSCHAFT,
DE
[85] 2004-03-19
[86] 2002-09-20 (PCT/DE2002/003526)
[87] 2003-04-03 (WO2003/027604)
[30] DE (101 46 713.3) 2001-09-21

[21] **2,461,117**
[13] A1

[51] **Int.Cl. 7A61K 7/32 7A61K 39/08**
7A61K 7/48
[25] EN
[54] **MEDICINE FOR PREVENTING**
AND TREATING BROMIDROSIS
[54] **MEDICAMENT POUR LA**
PROPHYLAXIE ET LA THERAPIE DE
BROMHIDROSE
[72] HECKMANN, MARC, DE
[71] HECKMANN, MARC, DE
[85] 2004-03-19
[86] 2002-09-23 (PCT/DE2002/003561)
[87] 2003-04-03 (WO2003/026602)
[30] DE (101 46 647.1) 2001-09-21

[21] **2,461,119**
[13] A1

[51] **Int.Cl. 7B22F 5/08**
[25] EN
[54] **APPARATUS AND METHOD FOR**
FORMING POWDER METAL GEARS
[54] **APPAREIL ET PROCEDE**
PERMETTANT DE FORMER DES
ENGRENAGES EN POUDRE
METALLIQUE
[72] WOOLF, RICHARD, US
[71] FEDERAL-MOGUL CORPORATION,
US
[85] 2004-03-22
[86] 2002-09-11 (PCT/US2002/028949)
[87] 2003-04-03 (WO2003/026818)
[30] US (09/965,710) 2001-09-26

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[21] **2,461,122**
[13] A1
[51] **Int.Cl. 7B07C 5/00 7G06F 17/60**
[25] EN
[54] **METHOD AND APPARATUS FOR FACILITATING HANDLING OF COMMUNICATIONS**
[54] **PROCEDE ET APPAREIL FACILITANT LA GESTION DES COMMUNICATIONS**
[72] KIRK, JULIAN P., US
[72] LIEBERMAN, ERIC, US
[72] KIRK, RANDAL J., US
[71] TALKFLOW SYSTEMS, LLC., US
[85] 2004-03-22
[86] 2002-09-16 (PCT/US2002/029216)
[87] 2003-04-03 (WO2003/027795)
[30] US (09/956,990) 2001-09-21
[30] US (10/121,477) 2002-04-12

[21] **2,461,123**
[13] A1
[51] **Int.Cl. 7C07H 21/04 7A21D 10/00 7C12N 9/00 7C12N 15/00 7C12N 1/14 7C12N 1/16 7C12N 1/18 7C12N 1/20 7C12N 9/24**
[25] EN
[54] **BGL3 BETA-GLUCOSIDASE AND NUCLEIC ACIDS ENCODING THE SAME**
[54] **BETA-GLUCOSIDASE BGL3 ET ACIDES NUCLEIQUES LA CODANT**
[72] DUNN-COLEMAN, NIGEL, US
[72] GOEDEGEBUUR, FRITS, NL
[72] WARD, MICHAEL, US
[72] YAO, JIAN, US
[71] GENENCOR INTERNATIONAL, INC., US
[85] 2004-03-19
[86] 2002-07-30 (PCT/US2002/024242)
[87] 2003-04-03 (WO2003/027306)
[30] US (09/957,880) 2001-09-21

[21] **2,461,125**
[13] A1
[51] **Int.Cl. 7C07F 17/00 7C08F 10/00 7C07F 17/02**
[25] EN
[54] **LINKED METALLOCENE COMPLEXES, CATALYST SYSTEMS, AND OLEFIN POLYMERIZATION PROCESSES**
[54] **COMPLEXES METALLOCENES LIES, SYSTEMES CATALYSEURS, ET PROCEDES DE POLYMERISATION D'OLEFINES**
[72] MCCULLOUGH, LAUGHLIN G., US
[72] HOLT CAMP, MATTHEW W., US
[71] UNIVATION TECHNOLOGIES LLC, US
[85] 2004-03-22
[86] 2002-09-16 (PCT/US2002/029265)
[87] 2003-04-03 (WO2003/027131)
[30] US (09/963,840) 2001-09-26

[21] **2,461,126**
[13] A1
[51] **Int.Cl. 7A61K 7/00 7C07G 3/00 7A61K 7/42 7A61K 7/44**
[25] EN
[54] **SUNSCREEN COMPOSITIONS**
[54] **COMPOSITIONS ANTISOLAIRES**
[72] FULLER, JENNIFER, US
[72] SANOGUEIRA, JAMES, US
[71] PLAYTEX PRODUCTS, INC., US
[85] 2004-03-19
[86] 2002-09-16 (PCT/US2002/029290)
[87] 2003-04-03 (WO2003/026595)
[30] US (09/957,920) 2001-09-21

[21] **2,461,127**
[13] A1
[51] **Int.Cl. 7D21H 13/38**
[25] EN
[54] **FIREBLOCKING/INSULATING PAPER**
[54] **PAPIER IGNIFUGE ET ISOLANT**
[72] STANG, LISA B., US
[72] ERB, DAVID F., JR., US
[72] RITTER, ERIC D., US
[71] TEX TECH INDUSTRIES, INC., US
[85] 2004-03-22
[86] 2002-09-20 (PCT/US2002/029863)
[87] 2003-03-27 (WO2003/025284)
[30] US (60/323,389) 2001-09-20

[21] **2,461,128**
[13] A1
[51] **Int.Cl. 7C07D 231/20 7C07D 401/04 7C07D 405/04 7C07D 413/04 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7A61K 31/415 7A61K 31/4155**
[25] EN
[54] **PYRAZOLE DERIVATIVES USEFUL IN THE TREATMENT OF HYPER-PROLIFERATIVE DISORDERS**
[54] **DERIVES DE PYRAZOLE UTILES DANS LE TRAITEMENT DES MALADIES HYPERPROLIFERATIVES**
[72] AGARWAL, VEENA, US
[72] DUMAS, JACQUES, US
[72] ZHANG, CHENGZHI, US
[72] MUGGE, INGO, US
[72] SHAO, JIANXING, US
[72] VERMA, SHARAD K., US
[72] KLUENDER, HAROLD C., E., US
[72] TRAIL, PAMELA A., US
[72] LAVOIE, RICO C., US
[72] HONG, ZHENQIU, US
[72] WANG, LEI, US
[72] BIFULCO, NEIL, US
[72] KHIRE, UDAY, US
[72] LIU, XIAO-GAO, US
[71] BAYER PHARMACEUTICALS CORPORATION, US
[85] 2004-03-22
[86] 2002-09-20 (PCT/US2002/029958)
[87] 2003-04-03 (WO2003/027074)
[30] US (60/324,573) 2001-09-25

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[13] A1
[51] **Int.Cl. 7A61F 13/20**
[25] EN
[54] **TAMPON APPLICATOR WITH IMPROVED FINGERGRIP**
[54] **APPLICATEUR DE TAMPON A ORGANE DE PREHENSION DIGITALE AMELIORE**
[72] MILLER, MICHAEL L., US
[72] NORQUEST, ROBERT C., US
[72] REJAI, JAMSHID, US
[71] PLAYTEX PRODUCTS, INC., US
[85] 2004-03-19
[86] 2002-09-18 (PCT/US2002/029503)
[87] 2003-04-03 (WO2003/026529)
[30] US (09/957,921) 2001-09-21

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[21] **2,461,134**
[13] A1

[51] **Int.Cl. 7G05D 1/10**
[25] EN
[54] **FOUR-DIMENSIONAL ROUTE PLANNER**
[54] **PLANIFICATEUR DE ROUTES QUADRI-DIMENSIONNEL**
[72] SHANER, DONALD A., US
[72] PRATT, STEPHEN G., US
[72] SCHULTZ, ROBERT L., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2004-03-19
[86] 2002-09-17 (PCT/US2002/029474)
[87] 2003-03-27 (WO2003/025507)
[30] US (09/957,416) 2001-09-20

[21] **2,461,135**
[13] A1

[51] **Int.Cl. 7B07C 3/14 7G06K 9/20**
[25] EN
[54] **METHOD AND DEVICE FOR PROCESSING GRAPHIC INFORMATION LOCATED ON SURFACES OF POSTAL ARTICLES**
[54] **PROCEDE ET DISPOSITIF POUR TRAITER DES INFORMATIONS GRAPHIQUES SITUEES SUR DES SURFACES D'ENVOIS POSTAUX**
[72] STUMM, DIETER, DE
[72] MEIER, GUNTHER, DE
[72] HELMUS, JUERGEN, DE
[72] VULLRIEDE, CARSTEN, DE
[72] FERY, PETER, DE
[71] DEUTSCHE POST AG, DE
[85] 2004-03-19
[86] 2002-10-15 (PCT/DE2002/003864)
[87] 2003-05-01 (WO2003/035284)
[30] DE (101 50 457.8) 2001-10-16

[21] **2,461,136**
[13] A1

[51] **Int.Cl. 7A61K 31/575 7A61P 3/06 7A61P 9/10**
[25] EN
[54] **A METHOD OF REDUCING THE IN VIVO CHOLESTEROL ESTER TRANSFER PROTEIN MEDIATED TRANSFER OF CHOLESTERYL ESTERS BETWEEN HIGH DENSITY LIPOPROTEINS (HDL) AND LOW DENSITY LIPOPROTEINS (LDL)**
[54] **PROCEDE DE REDUCTION DU TRANSFERT IN VIVO D'ESTERS DE CHOLESTERYLE DONT LA MEDIATION EST ASSUREE PAR LA PROTEINE DE TRANSFERT DES ESTERS DE CHOLESTEROL, ENTRE LES LIPOPROTEINES DE HAUTE DENSITE (HDL) ET LES LIPOPROTEINES DE BASSE DENSITE (LDL)**
[72] PRITCHARD, P. HAYDN, CA
[72] WASAN, KISHOR M., CA
[71] FORBES MEDI-TECH INC., CA
[85] 2004-03-23
[86] 2002-09-26 (PCT/CA2002/001457)
[87] 2003-04-03 (WO2003/026672)
[30] US (09/965,687) 2001-09-26

[21] **2,461,138**
[13] A1

[51] **Int.Cl. 7H04L 12/64**
[25] EN
[54] **A METHOD FOR SENDING MULTIPLE VOICE CHANNELS OVER PACKET NETWORKS**
[54] **PROCEDE D'ENVOI DE CANAUX VOCAUX MULTIPLES VIA DES RESEAUX A COMMUTATION DE PAQUETS**
[72] GISH, DAVE, US
[72] MITCHEL, HENRY, US
[72] LEBIZAY, GERALD, US
[71] INTEL CORPORATION, US
[85] 2004-03-19
[86] 2002-11-08 (PCT/US2002/035867)
[87] 2003-05-22 (WO2003/043280)
[30] US (10/002,522) 2001-11-13

[21] **2,461,140**
[13] A1

[51] **Int.Cl. 7A61K 33/18 7A61M 31/00 7A61P 15/02 7A61P 31/12**
[25] EN
[54] **INACTIVATION OF PAPILOMAVIRUS**
[54] **INACTIVATION DE PAPILOMAVIRUS**
[72] MCCLOSKEY, JENNY, COLLEEN, AU
[72] FOX, RICHARD ALAN, AU
[71] MCCLOSKEY, JENNY, COLLEEN, AU
[85] 2004-03-23
[86] 2002-09-25 (PCT/AU2002/001312)
[87] 2003-04-03 (WO2003/026681)
[30] AU (PR 7909) 2001-09-25

[21] **2,461,149**
[13] A1

[51] **Int.Cl. 7F01D 11/00 7F01D 9/02 7F01D 9/04 7F16J 15/08**
[25] FR
[54] **DISPOSITIF DE MAINTIEN DES JOINTS A LAMELLES D'ETANCHEITE**
[54] **DEVICE FOR MAINTAINING JOINTS WITH SEALING LEAVES**
[72] ROSSET, PATRICE JEAN-MARC, FR
[72] ANTUNES, SERGE LOUIS, FR
[72] MARCHI, MARC, FR
[72] GAZEAU, PATRICK PIERRE BERNARD, FR
[71] SNECMA MOTEURS, FR
[85] 2004-03-18
[86] 2002-09-18 (PCT/FR2002/003182)
[87] 2003-03-27 (WO2003/025350)
[30] FR (01/12133) 2001-09-20

[21] **2,461,150**
[13] A1

[51] **Int.Cl. 7A61K 31/132 7C07C 211/11 7C07C 211/13 7A61P 25/32**
[25] EN
[54] **AMINES WITH ANTI-ALCOHOLIC AGENTS**
[54] **AMINES S'UTILISANT EN TANT QU'AGENTS ANTI-ALCOOLISME**
[72] GARCIA MADRID, HERNAN, CL
[72] BILBENY LOJO, NORBERTO, CL
[71] GARBIL PHARMA INVESTIGACION CHILE LTDA., CL
[85] 2004-03-19
[86] 2002-09-19 (PCT/ES2002/000442)
[87] 2003-04-03 (WO2003/026634)
[30] ES (P 200102126) 2001-09-24

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[21] **2,461,151**
[13] A1

[51] **Int.Cl. 7B01D 71/02 7B01D 61/02 7B01D 69/12 7C04B 41/50**
[25] FR
[54] **NOUVELLES MEMBRANES INORGANIQUES DE NANOFILTRATION**
[54] **NOVEL INORGANIC NANOFILTRATION MEMBRANES**
[72] GRANGEON, ANDRE, FR
[72] LESCOCHE, PHILIPPE, FR
[71] TECHNOLOGIES AVANCEES & MEMBRANES INDUSTRIELLES, FR
[85] 2004-03-19
[86] 2002-09-25 (PCT/FR2002/003265)
[87] 2003-04-03 (WO2003/026781)
[30] FR (01/12362) 2001-09-26

[21] **2,461,152**
[13] A1

[51] **Int.Cl. 7F23N 5/10 7F23N 1/00**
[25] EN
[54] **A VALVE UNIT FOR CONTROLLING THE DELIVERY OF A FUEL GAS**
[54] **UNITE DE SOUPEPE PERMETTANT DE COMMANDER LA DISTRIBUTION D'UN GAZ COMBUSTIBLE**
[72] ZANELLA, STEFANO, IT
[72] GIACOMELLI, MASSIMO, IT
[72] DORIGO, ROBERTO, IT
[71] SIT LA PRECISA S.P.A., IT
[85] 2004-03-19
[86] 2002-03-05 (PCT/IT2002/000138)
[87] 2003-04-17 (WO2003/031875)
[30] IT (PD2001A000240) 2001-10-10

[21] **2,461,154**
[13] A1

[51] **Int.Cl. 7A63F 5/00**
[25] EN
[54] **GAMING DEVICE HAVING BONUS GAME TERMINATOR THAT ACTIVATES A MECHANICAL DEVICE**
[54] **DISPOSITIF DE JEU COMPRENANT UN TERMINATEUR DE JEU A BONUS ACTIVANT UN DISPOSITIF MECANIQUE**
[72] WEBB, BAYARD S., US
[71] IGT, US
[85] 2004-03-19
[86] 2002-09-16 (PCT/US2002/029399)
[87] 2003-04-03 (WO2003/027797)
[30] US (09/960,788) 2001-09-21

[21] **2,461,155**
[13] A1

[51] **Int.Cl. 7B65B 31/02**
[25] FR
[54] **DISPOSITIF POUR LE CONDITIONNEMENT DE PRODUITS SOUS ATMOSPHERE CONTROLEE DANS DES EMBALLAGES OPERCULES PAR UN FILM**
[54] **DEVICE FOR PACKAGING PRODUCTS UNDER CONTROLLED ATMOSPHERE**
[72] ROSSI, JEAN-PIERRE, FR
[72] ROSSI, MARIE-JOSE, FR
[71] ROSSI, JEAN-PIERRE, FR
[71] ROSSI, MARIE-JOSE, FR
[85] 2004-03-19
[86] 2002-10-04 (PCT/FR2002/003386)
[87] 2003-04-10 (WO2003/029081)
[30] FR (01/12770) 2001-10-04

[21] **2,461,156**
[13] A1

[51] **Int.Cl. 7G06F 13/40**
[25] EN
[54] **SOFTWARE TRANSPARENT SYSTEM AND METHOD FOR PEER-TO-PEER MESSAGE ROUTING**
[54] **SYSTEME TRANSPARENT POUR LE LOGICIEL ET PROCEDE D'ACHEMINEMENT DE MESSAGE ENTRE HOMOLOGUES**
[72] SCHAEFER, JOSEPH, US
[72] SOLOMON, GARY, US
[71] INTEL CORPORATION, US
[85] 2004-03-19
[86] 2002-11-14 (PCT/US2002/036812)
[87] 2003-06-05 (WO2003/046740)
[30] US (09/997,441) 2001-11-28

[21] **2,461,158**
[13] A1

[51] **Int.Cl. 7C10M 101/04 7C10M 143/00 7C10M 101/02 7C10M 143/02 7C10M 169/04 7C10M 159/08 7C10M 105/36 7C10M 105/38 7C10M 129/72 7C10M 129/74**
[25] EN
[54] **ENVIRONMENTALLY FRIENDLY LUBRICANTS**
[54] **LUBRIFIANTS SANS DANGER POUR L'ENVIRONNEMENT**
[72] LACEY, PAUL, US
[72] GUNSEL, SELDA, US
[72] CHIU, I-CHING, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2004-03-22
[86] 2002-09-24 (PCT/US2002/030233)
[87] 2003-04-03 (WO2003/027212)
[30] US (60/324,723) 2001-09-25

[21] **2,461,159**
[13] A1

[51] **Int.Cl. 7C07D 471/04 7C07D 221/00 7C07D 235/00 7A61K 31/437**
[25] EN
[54] **IMIDAZOPYRIDINE COMPOUNDS AS 5-HT4 RECEPTOR MODULATORS**
[54] **COMPOSES D'IMIDAZOPYRIDINE EN TANT QUE MODULATEURS DU RECEPTEUR 5-HT4**
[72] UCHIDA, CHIKARA, JP
[72] STOBIE, ALAN, GB
[72] GYMER, GEOFFREY EDWARD, GB
[72] FENWICK, DAVID ROY, GB
[72] NOGUCHI, HIROHIDE, JP
[71] PFIZER INC., US
[85] 2004-03-22
[86] 2002-10-03 (PCT/IB2002/004098)
[87] 2003-05-01 (WO2003/035649)
[30] US (60/343,371) 2001-10-22
[30] US (60/412,485) 2002-09-20

[21] **2,461,160**
[13] A1

[51] **Int.Cl. 7D21H 19/32**
[25] EN
[54] **SOFT TISSUE PAPER**
[54] **PAPIER-TISSU DOUX COMPRENANT UNE COMPOSITION ADOUCISSANTE CONTENANT UN COPOLYMERE DE POLYSILOXANE ET D'OXYDE DE POLYALKYLENE**
[72] OSTENDORF, WARD WILLIAM, US
[72] DOUGLAS, BRIAN DAVID, US
[72] HORENZIAK, STEVEN ANTHONY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-03-22
[86] 2002-09-20 (PCT/US2002/029995)
[87] 2003-04-03 (WO2003/027390)
[30] US (60/324,307) 2001-09-24

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[21] **2,461,162**
[13] A1

[51] **Int.Cl. 7G01N 33/28 7G01N 21/49**
[25] EN
[54] **ON-LINE DETERMINATION OF WAX CRYSTALLIZATION TEMPERATURE OF WAXY SOLVENT STREAM**
[54] **DETERMINATION EN DIRECT DE LA TEMPERATURE DE CRISTALLISATION DE LA PARAFFINE D'UN FLUX DE SOLVANT PARAFFINEUX**
[72] BEASLEY, BRENT ENGLAND, US
[72] LACHINE, RANDALL STEPHEN, CA
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2004-03-22
[86] 2002-09-27 (PCT/US2002/030740)
[87] 2003-05-01 (WO2003/036295)
[30] US (10/000,188) 2001-10-19

[21] **2,461,163**
[13] A1

[51] **Int.Cl. 7B01D 71/02 7B01D 53/22**
[25] EN
[54] **GAS SEPARATING UNIT AND METHOD FOR MANUFACTURING THE SAME**
[54] **UNITE DE SEPARATION DE GAZ ET SON PROCEDE DE FABRICATION**
[72] OKAMOTO, HIROAKI, JP
[72] SEKI, TSUTOMU, JP
[72] SAIJO, KINJI, JP
[72] YOSHIDA, KAZUO, JP
[72] OHSAWA, SHINJI, JP
[71] TOYO KOHAN CO., LTD., JP
[71] TOKYO GAS COMPANY LIMITED, JP
[85] 2004-03-24
[86] 2001-09-26 (PCT/JP2001/008353)
[87] 2003-04-17 (WO2003/031037)

[21] **2,461,164**
[13] A1

[51] **Int.Cl. 7A61B 18/02**
[25] EN
[54] **DEVICE, SYSTEM, AND METHOD FOR CRYOSURGICAL TREATMENT OF CARDIAC ARRHYTHMIA**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE TRAITEMENT CRYOCHIRURGICAL DE L'ARYTHMIE CARDIAQUE**
[72] ZVULONI, RONI, IL
[71] GALIL MEDICAL LTD., IL
[85] 2004-03-22
[86] 2002-09-29 (PCT/IL2002/000794)
[87] 2003-04-03 (WO2003/026477)
[30] US (60/324,937) 2001-09-27

[21] **2,461,165**
[13] A1

[51] **Int.Cl. 7B63H 25/22**
[25] EN
[54] **POWER ASSIST MARINE STEERING SYSTEM**
[54] **SYSTEME DE DIRECTION ASSISTEE MARIN**
[72] HUNDERTMARK, JAMES M., US
[71] MARK X STEERING SYSTEMS, LLC, US
[85] 2004-03-23
[86] 2002-09-27 (PCT/US2002/030990)
[87] 2003-04-03 (WO2003/026958)
[30] US (09/967,792) 2001-09-28

[21] **2,461,166**
[13] A1

[51] **Int.Cl. 7A61B 17/00**
[25] EN
[54] **BLADELESS OBTURATOR**
[54] **OBTURATEUR SANS LAME**
[72] PINGLETON, EDWARD D., US
[72] WIXEY, MATTHEW A., US
[72] KAHLE, HENRY, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2004-03-22
[86] 2002-03-04 (PCT/US2002/006759)
[87] 2003-04-03 (WO2003/026512)
[30] US (60/324,613) 2001-09-24

[21] **2,461,167**
[13] A1

[51] **Int.Cl. 7A61G 7/057**
[25] EN
[54] **INTEGRATED BARRIER AND FLUID SUPPLY FOR A HOSPITAL BED**
[54] **BARRIERE ET ALIMENTATION FLUIDIQUE INTEGRES POUR LIT D'HOPITAL**
[72] SALVATINI, BENJAMIN, US
[72] CALDWELL, STEVEN, US
[72] GROSSE, KEVIN H., US
[72] O'NEAL, TODD, US
[72] SCHWARTZ, STEVEN J., US
[72] HAKAMIUN, REZA, US
[71] HILL-ROM SERVICES, INC., US
[85] 2004-03-22
[86] 2002-10-01 (PCT/US2002/031189)
[87] 2003-04-10 (WO2003/028610)
[30] US (60/326,500) 2001-10-02
[30] US (60/375,874) 2002-04-26

[21] **2,461,168**
[13] A1

[51] **Int.Cl. 7A61K 9/22 7A61P 13/08 7A61K 31/517 7A61K 9/52**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS FOR THE CONTROLLED RELEASE OF 4-AMINO-6,7-DIMETHOXY-2-(5-METHANESULFONAMIDO-1,2,3,4-TETRAHYDROISOQUINOL-2-YL)-5-(2-PYRIDYL) QUINAZOLINE**
[54] **FORMULATIONS PHARMACEUTIQUES DESTINEES A LA LIBERATION CONTROLEE DE 4-AMINO-6,7-DIMETHOXY-2-(5-METHANESULFONAMIDO-1,2,3,4-TETRAHYDROISOQUINOL-2-YL)-5-(2-PYRIDYL) QUINAZOLINE**
[72] SMITH, JANET SARAH, GB
[72] DAVIS, JOHN DOUGLAS, GB
[72] MACRAE, ROSS JAMES, GB
[72] HUMPHREY, MICHAEL JOHN, GB
[71] PFIZER INC., US
[85] 2004-03-22
[86] 2002-09-30 (PCT/IB2002/004040)
[87] 2003-04-24 (WO2003/032956)
[30] GB (0124455.7) 2001-10-11

[21] **2,461,169**
[13] A1

[51] **Int.Cl. 7A61N 5/06**
[25] EN
[54] **LASER LIGHT IRRADIATOR**
[54] **IRRADIATEUR LASER**
[72] YAMAZAKI, IWAO, JP
[72] YAMAZAKI, KIMIYO, JP
[71] YA-MAN LTD., JP
[85] 2004-03-22
[86] 2002-09-11 (PCT/JP2002/009293)
[87] 2003-04-10 (WO2003/028806)
[30] JP (2001-303773) 2001-09-28

[21] **2,461,172**
[13] A1

[51] **Int.Cl. 7G02B 6/38**
[25] EN
[54] **CLOSING MECHANISM FOR A MECHANICAL OPTICAL FIBRE SPLICE**
[54] **MECANISME DE FERMETURE POUR EPISSURE MECANIQUE**
[72] WATTE, JAN, BE
[72] BELLEKENS, KATHLEEN, BE
[71] TYCO ELECTRONICS RAYCHEM NV, BE
[85] 2004-03-19
[86] 2002-09-12 (PCT/GB2002/004161)
[87] 2003-04-10 (WO2003/029865)
[30] GB (0123829.4) 2001-10-04

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[21] **2,461,174**
[13] A1

[51] **Int.Cl. 7G02B 6/293**
[25] EN
[54] **OPTICAL MULTIPLEXER AND DEMULTIPLEXER**
[54] **MULTIPLEXEUR-DEMULTIPLEXEUR OPTIQUE**
[72] JENKINS, RICHARD MICHAEL, GB
[71] QINETIQ LIMITED, GB
[85] 2004-03-19
[86] 2002-10-08 (PCT/GB2002/004560)
[87] 2003-05-01 (WO2003/036353)
[30] GB (0125260.0) 2001-10-20

[21] **2,461,175**
[13] A1

[51] **Int.Cl. 7B01L 3/00 7A61B 10/00 7B01L 3/14**
[25] EN
[54] **SAMPLE COLLECTOR AND TEST DEVICE**
[54] **COLLECTEUR D'ECHANTILLONS ET DISPOSITIF D'ESSAI**
[72] NIEDBALA, R. SAM, US
[72] SCOTT, JOHN W., US
[72] BOURDELLE, PETER A., US
[72] FEINDT, HANS H., US
[71] ORASURE TECHNOLOGIES, INC., US
[85] 2004-03-22
[86] 2002-09-23 (PCT/US2002/030101)
[87] 2003-04-10 (WO2003/028889)
[30] US (60/325,170) 2001-09-28
[30] US (09/997,023) 2001-11-30

[21] **2,461,181**
[13] A1

[51] **Int.Cl. 7A61K 31/00**
[25] EN
[54] **USE OF POTENT, SELECTIVE AND NON-TOXIC C-KIT INHIBITORS FOR TREATING BACTERIAL INFECTIONS**
[54] **UTILISATION D'INHIBITEURS DE C-KIT PUISSANTS SELECTIFS ET NON TOXIQUES POUR TRAITER DES INFECTIONS BACTERIENNES**
[72] MOUSSY, ALAIN, FR
[72] KINET, JEAN-PIERRE, US
[71] AB SCIENCE, FR
[85] 2004-03-19
[86] 2002-09-20 (PCT/IB2002/004251)
[87] 2003-05-01 (WO2003/035049)
[30] US (60/323,313) 2001-09-20

[21] **2,461,182**
[13] A1

[51] **Int.Cl. 7A61K 31/00**
[25] EN
[54] **USE OF TYROSINE KINASE INHIBITORS FOR PROMOTING HAIR GROWTH**
[54] **UTILISATION D'INHIBITEURS DE LA TYROSINE KINASE POUR STIMULER LA POUSSE DES CHEVEUX**
[72] KINET, JEAN-PIERRE, US
[72] MOUSSY, ALAIN, FR
[71] AB SCIENCE, FR
[85] 2004-03-19
[86] 2002-09-20 (PCT/IB2002/004290)
[87] 2003-05-01 (WO2003/035050)
[30] US (60/323,314) 2001-09-20

[21] **2,461,183**
[13] A1

[51] **Int.Cl. 7A61K 31/506 7A61P 17/00 7A61P 35/00 7A61P 43/00 7A61K 7/48**
[25] EN
[54] **USE OF TYROSINE KINASE INHIBITORS FOR WHITENING HUMAN SKIN AND TREATING MELANOCYTE DYSFUNCTION ASSOCIATED DISEASES**
[54] **UTILISATION D'INHIBITEURS DE TYROSINE KINASE POUR BLANCHIR LA PEAU HUMAINE ET TRAITER DES TROUBLES ASSOCIES A UN DYSFONCTIONNEMENT DES MELANOCYTES**
[72] MOUSSY, ALAIN, FR
[72] KINET, JEAN-PIERRE, US
[71] AB SCIENCE, FR
[85] 2004-03-19
[86] 2002-09-20 (PCT/IB2002/004330)
[87] 2003-05-15 (WO2003/039550)
[30] US (60/323,312) 2001-09-20

[21] **2,461,184**
[13] A1

[51] **Int.Cl. 7B23C 5/20 7B23C 5/22 7B23C 5/24**
[25] EN
[54] **CUTTING TOOL AND CUTTING INSERT THEREFOR**
[54] **OUTIL DE COUPE ET PLAQUETTE AMOVIBLE ASSOCIEE**
[72] MORGULIS, RAFAEL, IL
[72] HECHT, GIL, IL
[71] ISCAR LTD., IL
[85] 2004-03-19
[86] 2002-09-29 (PCT/IL2002/000793)
[87] 2003-04-24 (WO2003/033195)
[30] IL (145965) 2001-10-16
[30] IL (150783) 2002-07-17

[21] **2,461,187**
[13] A1

[51] **Int.Cl. 7A61K 31/282 7A61P 35/00 7A61K 9/19**
[25] EN
[54] **LYOPHILIZED FORMULATION**
[54] **FORMULATION LYOPHILISEE**
[72] MIZUNO, KIMIHIRO, JP
[71] SUMITOMO PHARMACEUTICALS CO., LTD., JP
[85] 2004-03-19
[86] 2002-09-19 (PCT/JP2002/009607)
[87] 2003-04-03 (WO2003/026642)
[30] JP (2001/290265) 2001-09-21

[21] **2,461,188**
[13] A1

[51] **Int.Cl. 7G02B 26/08**
[25] EN
[54] **OPTICAL SWITCH AND OPTICAL SWITCH ARRAY**
[54] **COMMUTATEUR OPTIQUE ET RESEAU DE COMMUTATEURS OPTIQUES**
[72] KANIE, TOMOHIKO, JP
[72] NISHIMURA, MASAYUKI, JP
[72] KATAYAMA, MAKOTO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2004-03-19
[86] 2002-09-19 (PCT/JP2002/009642)
[87] 2003-04-03 (WO2003/027751)
[30] JP (2001/289611) 2001-09-21

[21] **2,461,189**
[13] A1

[51] **Int.Cl. 7F28D 20/00**
[25] EN
[54] **HEAT ACCUMULATION UNIT AND METHOD OF MANUFACTURING THE UNIT**
[54] **UNITE D'ACCUMULATION DE CHALEUR ET PROCEDE PERMETTANT DE FABRIQUER CETTE UNITE**
[72] KUDO, TOMOHIDE, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 2004-03-19
[86] 2002-09-25 (PCT/JP2002/009835)
[87] 2003-04-03 (WO2003/027592)
[30] JP (2001-291050) 2001-09-25
[30] JP (2002-035659) 2002-02-13
[30] JP (2002-048335) 2002-02-25
[30] JP (2002-143347) 2002-05-17
[30] JP (2002-195827) 2002-07-04

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[25] EN
[54] **MODULAR SERVER ARCHITECTURE WITH ETHERNET ROUTED ACROSS A BACKPLANE UTILIZING AN INTEGRATED ETHERNET SWITCH MODULE**
[54] **ARCHITECTURE DE SERVEUR MODULAIRE DANS LAQUELLE LES COMMUNICATIONS ETHERNET SONT ACHEMINEES AU NIVEAU D'UN FOND DE PANIER AU MOYEN D'UN MODULE DE COMMUTATION ETHERNET INTEGRE**
[72] BOTTOM, DAVID, US
[72] HARVEY, TIM, US
[71] INTEL CORPORATION, US
[85] 2004-03-19
[86] 2003-02-14 (PCT/US2003/004797)
[87] 2003-09-18 (WO2003/077088)
[30] US (10/091,695) 2002-03-05

[21] **2,461,191**
[13] A1

[51] **Int.Cl. 7C07F 15/00**
[25] EN
[54] **A METHOD FOR SYNTHESIZING AN ORGANOMETALLIC COMPOUND**
[54] **PROCEDE DE SYNTHESE UN COMPOSE ORGANOMETALLIQUE**
[72] KATAYAMA, HIROYUKI, JP
[72] MORITA, TAKEHARU, JP
[72] OZAWA, FUMIYUKI, JP
[72] HIRAIKE, HIROSHI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2004-03-19
[86] 2002-09-27 (PCT/JP2002/010046)
[87] 2003-04-10 (WO2003/029260)
[30] JP (2001-301181) 2001-09-28
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[51] **Int.Cl. 7A63H 30/04 7G08C 23/04 7G08C 19/28**
[25] EN
[54] **REMOTE CONTROL SYSTEM AND MOVING MACHINE THEREOF**
[54] **SYSTEME DE COMMANDE A DISTANCE ET MACHINE MOBILE ASSOCIEE**
[72] HAYASHI, RYOJI, JP
[72] YAMAGUCHI, TAKASHI, JP
[71] KONAMI CORPORATION, JP
[85] 2004-03-19
[86] 2002-09-27 (PCT/JP2002/010076)
[87] 2003-04-10 (WO2003/028837)
[30] JP (2001-303567) 2001-09-28

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[13] A1

[51] **Int.Cl. 7B65B 13/18**
[25] EN
[54] **METHOD AND DEVICE FOR STRAPPING ONE OR MORE PACKETS WITH A BAND WITH LABEL MEANS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE CERCLER UN OU PLUSIEURS PAQUETS AVEC UNE BANDE A SYSTEME D'ETIQUETAGE**
[72] WILHELMUS, JOHANNES MARIA DERKS, NL
[71] ENDRA B.V., NL
[85] 2004-03-19
[86] 2002-09-20 (PCT/NL2002/000605)
[87] 2003-04-03 (WO2003/026968)
[30] NL (1019001) 2001-09-20

[21] **2,461,194**
[13] A1

[51] **Int.Cl. 7B65D 51/28 7B65D 81/32**
[25] EN
[54] **A DEVICE FOR HOLDING AND ADDITIVE AND TO ADD IT TO A CONTAINER, A CONTAINER AND A METHOD OF MAKING A CONTAINER**
[54] **DISPOSITIF RENFERMANT UN ADDITIF ET PERMETTANT DE L'AJOUTER DANS UN CONTENANT, CONTENANT ET SON PROCEDE DE PRODUCTION**
[72] MOLLSTAM, BO, SE
[72] STERN, LEIF, SE
[72] SJOBERG, ELISABETH, SE
[71] BIOGAIA AB, SE
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[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **SCALABLE HIERARCHICAL DATA-DRIVEN NAVIGATION SYSTEM AND METHOD FOR INFORMATION RETRIEVAL**
[54] **SYSTEME DE NAVIGATION HIERARCHIQUE GUIDE PAR DES DONNEES EVOLUTIVES ET PROCEDE DE LOCALISATION D'INFORMATION**
[72] WALTER, JOHN S., US
[72] TUNKELANG, DANIEL, US
[72] FERRARI, ADAM J., US
[72] GOURLEY, DAVID J., US
[72] KNABE, FREDERICK C., US
[72] MOHTA, VINAY B., US
[72] JOHNSON, KEITH A., US
[72] LAU, ANDREW, US
[71] ENDECA TECHNOLOGIES, INC., US
[85] 2004-03-19
[86] 2002-08-09 (PCT/US2002/025484)
[87] 2003-04-03 (WO2003/027901)
[30] US (09/961,131) 2001-09-21

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[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **HIERARCHICAL DATA-DRIVEN SEARCH AND NAVIGATION SYSTEM AND METHOD FOR INFORMATION RETRIEVAL**
[54] **PROCEDE ET SYSTEME DE NAVIGATION ET DE RECHERCHE HIERARCHIQUES GUIDES PAR DONNEES POUR RECUPERATION D'INFORMATIONS**
[72] JOHNSON, KEITH A., US
[72] TUNKELANG, DANIEL, US
[72] MOHTA, VINAY B., US
[72] WALTER, JOHN S., US
[72] GOURLEY, DAVID J., US
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[51] **Int.Cl. 7A61L 15/46**
[25] EN
[54] **INHIBITION OF EXOPROTEINS USING ISOPRENOIDS**
[54] **INHIBITION DES EXOPROTEINES AU MOYEN D'ISOPRENOIDES**
[72] SYVERSON, RAE ELLEN, US
[72] PROCTOR, RICHARD A., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2004-03-19
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[87] 2003-04-10 (WO2003/028777)
[30] US (09/968,769) 2001-10-02
[30] US (09/969,198) 2001-10-02
[30] US (09/969,199) 2001-10-02

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[51] **Int.Cl. 7A63F 13/00**
[25] EN
[54] **GAMING DEVICE HAVING WAGER DEPENDENT BONUS GAME PLAY**
[54] **DISPOSITIF DE JEU AYANT UN JEU A BONUS EN FONCTION DES PARIS**
[72] BAERLOCHER, ANTHONY J., US
[71] IGT, US
[85] 2004-03-19
[86] 2002-09-13 (PCT/US2002/029059)
[87] 2003-04-03 (WO2003/026758)
[30] US (09/960,880) 2001-09-21

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[13] A1
[51] **Int.Cl. 7A23B 7/00**
[25] EN
[54] **PATHOGEN CONTROL ON AGRICULTURAL COMMODITIES**
[54] **ELIMINATION D'AGENTS PATHOGENES SUR DES PRODUITS AGRICOLES**
[72] JOHNSON, LYNN, US
[71] THE O3ZONE COMPANY, US
[85] 2004-03-19
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[87] 2003-05-01 (WO2003/034831)
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[51] **Int.Cl. 7E21B 4/00 7E21B 4/02 7F03B 13/02 7E21B 4/04 7F04C 2/107 7E21B 4/16**
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[54] **AN INVERTED MOTOR FOR DRILLING**
[54] **MOTEUR INVERSE DE FORAGE**
[72] OGLESBY, KENNETH, D., US
[71] OGLESBY, KENNETH, D., US
[85] 2004-03-19
[86] 2002-09-16 (PCT/US2002/029388)
[87] 2003-04-03 (WO2003/027433)
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[51] **Int.Cl. 7A61K 31/437 7A61P 7/02 7C07D 471/16**
[25] EN
[54] **LACTAM-CONTAINING COMPOUNDS AND DERIVATIVES THEREOF AS FACTOR XA INHIBITORS**
[54] **COMPOSES CONTENANT DU LACTAME ET LEURS DERIVES EN TANT QU'INHIBITEURS DU FACTEUR XA**
[72] QIAO, JENNIFER, US
[72] PINTO, DONALD, US
[72] QUAN, MIMI, US
[72] LAM, PATRICK, US
[72] LI, YUN-LONG, US
[72] HAN, WEI, US
[72] ORWAT, MICHAEL, US
[72] KOCH, STEPHANIE, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[87] 2003-04-03 (WO2003/026652)
[30] US (60/324,165) 2001-09-21

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[13] A1
[51] **Int.Cl. 7F02K 1/72**
[25] FR
[54] **SYSTEME DE VERROUILLAGE SUR UN INVERSEUR DE POUSSEE A GRILLES**
[54] **LOCKING SYSTEM ON A GRID THRUST REVERSER**
[72] LORE, XAVIER RAYMOND YVES, FR
[72] DEHU, MICHEL PHILIPPE, FR
[71] HUREL HISPANO, FR
[85] 2004-03-22
[86] 2002-09-26 (PCT/FR2002/003278)
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[30] FR (01/12405) 2001-09-27

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[13] A1
[51] **Int.Cl. 7F25C 1/00 7F28D 20/00 7F24F 5/00**
[25] EN
[54] **METHOD AND SYSTEM FOR MAKING ICE BY UNDERWATER SUPERCOOLING RELEASE AND LOW TEMPERATURE WATER SUPPLY SYSTEM COMPRISING IT**
[54] **PROCEDE ET SYSTEME DE FABRICATION DE GLACE PAR DECLenchement DE SURFUSION SUBAQUATIQUE ET SYSTEME D'ALIMENTATION D'EAU A BASSE TEMPERATURE COMPRENANT LEDIT SYSTEME**
[72] MACHIDA, AKITO, JP
[72] FUKUMOTO, HIROMICHI, JP
[72] FUKAMURA, SHINJI, JP
[72] SHUDAI, HIDEKI, JP
[71] THE KANSAI ELECTRIC POWER CO., INC., JP
[71] MAYEKAWA MFG. CO., LTD., JP
[85] 2004-03-22
[86] 2002-04-05 (PCT/JP2002/003429)
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[30] JP (2001-294346) 2001-09-26

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[13] A1
[51] **Int.Cl. 7C07D 307/87**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF CITALOPRAM**
[54] **PROCEDE DE PREPARATION DU CITALOPRAM**
[72] HUANG, DERSHING, US
[72] MALIK, A. ASLAM, US
[72] STRINGER, JOY A., US
[72] ROMERO, ANTONIO, US
[72] PALANDOKEN, HASAN, US
[72] DAPREMONT, OLIVIER, US
[71] PHARMACHEM TECHNOLOGIES LIMITED, GB
[85] 2004-03-23
[86] 2002-09-23 (PCT/EP2002/010645)
[87] 2003-04-10 (WO2003/029236)
[30] US (60/324,821) 2001-09-24
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[21] **2,461,214**
[13] A1
[51] **Int.Cl. 7G06F 17/27 7G06F 19/00 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD OF IMPROVED RECORDING OF MEDICAL TRANSACTIONS**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT AMELIORE DES TRANSACTIONS MEDICALES**
[72] OON, YEONG KUANG, AU
[71] OON, YEONG KUANG, AU
[85] 2004-03-22
[86] 2002-10-18 (PCT/AU2002/001422)
[87] 2003-04-24 (WO2003/034274)
[30] AU (PR 8354) 2001-10-18
[30] AU (PR 9225) 2001-11-30
[30] AU (PS 1767) 2002-04-17
[30] AU (PS 2844) 2002-06-07
[30] AU (2002951382) 2002-09-05

[21] **2,461,215**
[13] A1
[51] **Int.Cl. 7C10G 9/16**
[25] EN
[54] **METHOD FOR PREVENTING FOULING AND CORROSION CAUSED BY AMMONIUM CHLORIDE AND AMMONIUM SULPHATES**
[54] **PROCEDE PERMETTANT DE PREVENIR L'ENCRASSEMENT ET LA CORROSION PROVOQUES PAR DU CHLORURE D'AMMONIUM ET DES SULPHATES D'AMMONIUM**
[72] VERCAMMEN, FERNAND, BE
[71] KURITA EUROPE GMBH, DE
[85] 2004-03-22
[86] 2002-09-05 (PCT/BE2002/000142)
[87] 2003-04-03 (WO2003/027209)
[30] EP (01203659.6) 2001-09-27

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[13] A1
[51] **Int.Cl. 7A61B 18/02 7A61M 25/10**
[25] EN
[54] **CRYOPLASTY APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'ANGIOPLASTIE CRYOGENIQUE**
[72] AMIR, URI, IL
[72] MCGLONE, JAMES, US
[72] SCHECHTER, DORIS, IL
[72] BLIWEIS, MORDECHAI, IL
[72] ZVULONI, RONI, IL
[71] GALIL MEDICAL LTD., IL
[85] 2004-03-22
[86] 2002-09-26 (PCT/IL2002/000791)
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[13] A1
[51] **Int.Cl. 7C07C 251/00**
[25] EN
[54] **MUSCARINIC AGONISTS**
[54] **AGONISTES MUSCARINIQUES**
[72] ALLEN, JENNIFER REBECCA, US
[72] LIU, BIN, US
[72] HITCHCOCK, STEPHEN ANDREW, US
[72] JAMISON, JAMES ANDREW, US
[72] TURNER, WILLIAM WILSON JR., US
[71] ELI LILLY AND COMPANY, US
[85] 2004-03-22
[86] 2002-09-09 (PCT/US2002/025969)
[87] 2003-04-03 (WO2003/027061)
[30] US (60/324,141) 2001-09-21

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[13] A1
[51] **Int.Cl. 7A61K 31/535 7A61K 31/37 7A61K 31/495 7A61K 31/50**
[25] EN
[54] **REDUCED TOXICITY CISPLATIN FORMULATIONS AND METHODS FOR USING THE SAME**
[54] **FORMULATIONS DE CISPLATINE A TOXICITE REDUITE ET LEURS PROCEDES D'UTILISATION**
[72] FOGARTY, PATRICK, US
[71] TOSK, INC., US
[85] 2004-03-22
[86] 2002-09-20 (PCT/US2002/029669)
[87] 2003-04-03 (WO2003/026570)
[30] US (60/324,566) 2001-09-24

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[13] A1
[51] **Int.Cl. 7C07J 73/00 7C07J 71/00 7C07J 75/00**
[25] EN
[54] **METHOD OF PRODUCING 17.BETA.-(SUBSTITUTED)-3-OXO-DELTA.1,2-4-AZASTEROIDS AND INTERMEDIATES**
[54] **PROCEDE D'OBTENTION DE 17.BETA.-(SUBSTITUE)-3-OXO-DELTA.1,2-4-AZASTEROIDES ET INTERMEDIAIRES**
[72] MARTIN JUAREZ, JORGE, ES
[72] LORENTE BONDE-LARSEN, ANTONIO, ES
[72] GORGOJO LOBATO, JOSE MARIA, ES
[71] RAGACTIVES, S.L., ES
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[86] 2002-09-26 (PCT/ES2002/000453)
[87] 2003-04-10 (WO2003/029267)
[30] ES (200102190) 2001-09-29

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[13] A1
[51] **Int.Cl. 7A61K 31/17 7A61K 31/335**
[25] EN
[54] **METHODS AND COMPOSITIONS TO DETERMINE THE CHEMOSENSITIZING DOSE OF SURAMIN USED IN COMBINATION THERAPY**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE DETERMINER LA DOSE DE CHIMIOSENSIBILISATION DE LA SURAMINE UTILISEE DANS UNE THERAPIE ASSOCIATIVE**
[72] WIENTJES, M. GUILLAUME, US
[72] AU, JESSIE L.S., US
[71] WIENTJES, M. GUILLAUME, US
[71] AU, JESSIE L.S., US
[85] 2004-03-22
[86] 2002-09-24 (PCT/US2002/030210)
[87] 2003-04-03 (WO2003/026574)
[30] US (60/324,704) 2001-09-24

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[13] A1
[51] **Int.Cl. 7B60K 17/34 7F16D 25/08**
[25] EN
[54] **TORQUE TRANSFER CLUTCH WITH LINEAR PISTON HYDRAULIC CLUTCH ACTUATOR**
[54] **UNITE DE TRANSMISSION DE COUPLE POURVU D'UN ACTIONNEUR D'EMBRAYAGE HYDRAULIQUE A PISTON LINEAIRE**
[72] RONK, AARON, US
[72] ZALEWSKI, JOHN D., US
[72] KHAZAEI, MOZAFFAR, US
[72] BANSBACH, ERIC A., US
[72] BRISSENDEN, JAMES S., US
[72] MUELLER, JOSEPH G., US
[72] MIZON, RICHARD, US
[72] MOHAN, SANKAR K., US
[71] NEW VENTURE GEAR, INC., US
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[86] 2002-09-25 (PCT/US2002/030326)
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[51] **Int.Cl. 7C08L 51/04 7C08L 51/00 7C08G 59/50**
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[54] **LOW GLOSS ASA RESIN**
[54] **RESINE ASA A FAIBLE BRILLANCE**
[72] PADWA, ALLEN R., US
[72] CHANG, MOH-CHING OLIVER, US
[71] BAYER POLYMERS LLC, US
[85] 2004-03-22
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[30] US (09/965,711) 2001-09-26

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[13] A1
[51] **Int.Cl. 7A61F 2/44**
[25] EN
[54] **MODULAR SPINAL FUSION DEVICE**
[54] **DISPOSITIF MODULAIRE DE FUSION RACHIDIENNE**
[72] HOUFBURG, RODNEY L., US
[71] SULZER SPINE-TECH INC., US
[85] 2004-03-22
[86] 2002-09-27 (PCT/US2002/031013)
[87] 2003-04-03 (WO2003/026538)
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[51] **Int.Cl. 7C08C 19/25 7B60C 1/00 7C08L 15/00**
[25] EN
[54] **CONJUGATED DIOLEFIN (CO)POLYMER RUBBER, PROCESS FOR PRODUCING (CO)POLYMER RUBBER, RUBBER COMPOSITION, COMPOSITE, AND TIRE**
[54] **CAOUTCHOUC (CO)POLYMERE DIOLEFINIQUE CONJUGUE, PROCEDE DE PRODUCTION DE CAOUTCHOUC (CO)POLYMERE, COMPOSITION DE CAOUTCHOUC, COMPOSITE ET PNEU**
[72] TADAKI, TOSHIHIRO, JP
[72] KOBAYASHI, NAOKAZU, JP
[72] TOYOSHIMA, TSUKASA, JP
[72] TANIGUCHI, KOUTA, JP
[72] TSUKIMAWASHI, KEISUKE, JP
[71] JSR CORPORATION, JP
[85] 2004-03-23
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[87] 2003-04-10 (WO2003/029299)
[30] JP (2001/297687) 2001-09-27
[30] JP (2002/174902) 2002-06-14
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[30] JP (2002/175300) 2002-06-17
[30] JP (2002/179342) 2002-06-20
[30] JP (2002/210398) 2002-07-19

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[51] **Int.Cl. 7C08L 23/12 7C08J 9/00 7H01B 3/44**
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[54] **INSULATING FOAM COMPOSITION**
[54] **COMPOSITION DE MOUSSE ISOLANTE**
[72] ROBINSON, JAMES ELLIOTT, BE
[72] MOTHA, DHARMINI KSHAMA JOSEPHINE, FI
[72] HESSE, ACHIM, DE
[71] BOREALIS GMBH, AT
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[54] **PYROMETER**
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[72] VAN DER MAAT, PAUL, BE
[72] HANSE, ERIC, FR
[71] VESUVIUS CRUCIBLE COMPANY, US
[85] 2004-03-23
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[87] 2003-04-10 (WO2003/029771)
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[13] A1
[51] **Int.Cl. 7B02C 23/08 7B04B 5/10**
[25] EN
[54] **FLEXIBLE PROCESSING APPARATUS FOR ISOLATING AND PURIFYING VIRUSES, SOLUBLE PROTEINS AND PEPTIDES FROM PLANT SOURCES**
[54] **APPAREIL DE TRAITEMENT FLEXIBLE PERMETTANT D'ISOLER ET DE PURIFIER DES VIRUS, DES PROTEINES ET DES PEPTIDES SOLUBLES PROVENANT DE SOURCES VEGETALES**
[72] BRATCHER, BARRY, US
[72] HOLTZ, R. BARRY, US
[72] GARGER, STEPHEN J., US
[72] MCCULLOCH, MICHAEL J., US
[71] LARGE SCALE BIOLOGY CORPORATION, US
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[30] US (09/970,150) 2001-10-03

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[13] A1
[51] **Int.Cl. 7F16B 37/06**
[25] EN
[54] **FIXING ELEMENT**
[54] **ELEMENT DE FIXATION**
[72] RATTEI, INES, DE
[72] BABEJ, JIRI, DE
[72] HUMPERT, RICHARD, DE
[71] PROFIL VERBINDUNGSTECHNICK GMBH & CO. KG, DE
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[87] 2003-04-10 (WO2003/029667)
[30] DE (101 47 076.2) 2001-09-25

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[13] A1
[51] **Int.Cl. 7C04B 40/00 7C04B 28/02 7C04B 24/04 7C04B 22/06 7C04B 22/14 7C04B 22/16**
[25] EN
[54] **ACCELERATOR COMPOSITION**
[54] **COMPOSITION D'ACCELERATEUR**
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[72] HUNNEYBALL, TIMOTHY, GB
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[72] HIRAMOTO, MASAHIRO, JP
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
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[54] **TENSION EN COURANT CONTINU POUR CHAUFFAGE/GELIFICATION/DURCISSEMENT DE BOBINES DE TRANSFORMATEURS DE DISTRIBUTION ENCAPSULEES DANS UNE RESINE**
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[72] SARVER, CHARLES H., US
[72] WHITE, MICHAEL D., US
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[54] **PROCEDE D'INDIVIDUALISATION DE DOCUMENTS SECURISES ET DOCUMENT SECURISE CORRESPONDANT**
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[54] **ROTOR DE MACHINE DE FLOTTATION ET PROCEDE DE FONCTIONNEMENT ASSOCIE**
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[72] MODY, VIRENDRA, CA
[71] GL&V / DORR-OLIVER INC., US
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[72] DRMANAC, RODOJE T., US
[72] REN, FEIYAN, US
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[72] ZHOU, PING, US
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[54] **PROCEDE D'HYDROFORMYLATION ET D'HYDROGENATION EN UNE ETAPE POUR LA PREPARATION DE 1,3-PROPANEDIOL**
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[72] POWELL, JOSEPH BROUN, US
[72] KNIFTON, JOHN FREDERICK, US
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[54] **DISPOSITIFS ET PROCEDE DE POSITIONNEMENT ET DE CONIFICATION DE BORDURES DE PANNEAUX ADJACENTS**
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[54] **SYSTEME DE PANNEAU TACTILE ET PROCEDE PERMETTANT DE DISTINGUER DES TOUCHES DE SAISIE TACTILES MULTIPLES**
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[72] HAGERMOSER, EDWARD S., US
[72] SCHULZ, STEPHEN C., US
[72] HATIN, PAUL M., US
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[72] MASUDA, SHO, JP
[72] UNOKI, MASAO, JP
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[54] **MODULATION DE CELLULES SOUCHES AU MOYEN DE PROTEINES A DOIGTS DE ZINC (ZFP)**
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[72] MOORE, MICHAEL, GB
[72] URNOV, FYODOR, US
[72] COLLINGWOOD, TREVOR, US
[72] WOLFFE, ALAN P. (DECEASED), US
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[72] LING, ALVIN, US
[72] WILLIAMS, KAREN, US
[71] THE COCA-COLA COMPANY, US
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[54] **ENZYMATIC PROCESS FOR THE PREPARATION OF SUBSTITUTED 2-AMINO-3-(2-AMINO-PHENYLSULFANYL)-PROPIONIC ACID**
[54] **PROCEDE ENZYMATIQUE DE PREPARATION D'ACIDE 2-AMINO-3-(2-AMINO-PHENYLSULFANYL)-PROPIONIQUE A SUBSTITUTION**
[72] WIRZ, BEAT, CH
[72] BLEICHER, KONRAD, DE
[72] TONG, HAN MIN, FR
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[72] SCHMID, STEFAN, CH
[72] ROGERS-EVANS, MARK, CH
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[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **METHOD OF FORMING A PACKAGE FOR MEMS-BASED FUEL CELL**
[54] **PROCEDE PERMETTANT DE FORMER UN BOITIER POUR UNE PILE A COMBUSTIBLE FONDEE SUR UN SYSTEME MICRO-ELECTROMECHANIQUE**
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[72] JANKOWSKI, ALAN F., US
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[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **A SYSTEM AND METHOD FOR CONTROLLING SIGNAL PROCESSING IN A VOICE OVER PACKET (VOP) ENVIRONMENT**
[54] **SYSTEME ET PROCEDE PERMETTANT DE COMMANDER LE TRAITEMENT DES SIGNAUX DANS UN ENVIRONNEMENT DE VOIX SUR PAQUETS (VOP)**
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[72] LAWTON, CHRIS, US
[72] BIST, ANURAG, US
[72] SHAH, SAURIN, US
[72] MEHTA, MANOJ, US
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[54] **APPAREIL DE DETECTION D'IMPULSIONS ELECTRONIQUES ET PUCE DE DETECTION D'IMPULSIONS ELECTRONIQUES**
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[72] DOI, KYOJI, JP
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[54] **SCREENING METHOD FOR DIFFERENT INDICATIONS USING BNPI AND/OR DNPI**
[54] **PROCEDE DE CRIBLAGE POUR DIFFERENTES INDICATIONS A L'AIDE DE PROTEINES BNPI OU DNPI**
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[71] GRUNENTHAL GMBH, DE
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[51] **Int.Cl. 7H04M 15/00 7H04M 3/00**
[25] EN
[54] **METHOD AND SYSTEM FOR USING BAD BILLED NUMBER RECORDS TO PREVENT FRAUD IN A TELECOMMUNICATIONS SYSTEM**
[54] **PROCEDE POUR UTILISER AU MOINS UN ENREGISTREMENT DE FAUX NUMERO DE FACTURATION POUR EMPECHER LA FRAUDE DANS UN SYSTEME DE TELECOMMUNICATIONS**
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[72] SPRINGER, ARTHUR LANCE, US
[71] WORLDCOM, INC., US
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[54] **APPARATUS AND METHOD FOR CUSTOM COSMETIC DISPENSING**
[54] **APPAREIL ET PROCEDE DE DISTRIBUTION A LA DEMANDE DE COSMETIQUES**
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[72] O'MEARA, TIMOTHY E., US
[72] BARTHOLOMEW, JULIE R., US
[72] HANSELMAN, DAVE, US
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[54] **ENSEMBLE DECOUPEUR DE FILM**
[72] KAISER, IAN, US
[72] PAVLIK, RUDOLF, US
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[72] NEIBERGER, SEAN, US
[71] AEP INDUSTRIES INC., US
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[25] EN
[54] **METHODS AND APPARATUS FOR ASSURING QUALITY AND SAFETY OF DRUG ADMINISTRATION AND MEDICAL PRODUCTS AND KITS**
[54] **PROCEDES ET APPAREILS PERMETTANT D'ASSURER LA QUALITE ET L'INNOCUITE D'UNE ADMINISTRATION DE MEDICAMENT, DE PRODUITS MEDICAUX ET DE KITS**
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[72] COBB, NICHOLAS EDWARD, US
[71] SCOTT LABORATORIES, INC., US
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[54] **MECANISME DE REMPLISSAGE GUIDE DE FORMULAIRE**
[72] BORODOVSKI, VADIM, CA
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[71] KINEK TECHNOLOGIES INC., CA
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[25] EN
[54] **CONTACT MANAGEMENT FOR MOBILE COMMUNICATION DEVICES IN WIRELESS PACKET SWITCHED NETWORKS**
[54] **GESTION DE CONTACT POUR DES DISPOSITIFS MOBILES DE COMMUNICATION DANS DES RESEAUX HERTZIENS A COMMUTATION PAR PAQUETS**
[72] WANDEL, MATTHIAS, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2004-03-22
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[30] US (60/325,545) 2001-10-01

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[51] **Int.Cl. 7H04J 3/24 7H04L 12/56 7H04L 12/66**
[25] EN
[54] **SYSTEMS AND METHODS FOR MULTI-PAIR ATM OVER DSL**
[54] **SYSTEMES ET PROCEDES POUR DES MODES DE TRANSFERT ASYNCHRONE (ATM) MULTIPAIRES SUR DES LIGNES D'ACCES NUMERIQUES (DSL)**
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[72] TZANNES, MARCOS C., US
[72] REITER, EDMUND, US
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[51] **Int.Cl. 7H04L 29/00 7H04Q 7/32 7H04Q 7/38**
[25] EN
[54] **SERVICE AND CAPABILITY NEGOTIATION IN A NETWORK USING SINGLE NUMBERING SCHEME**
[54] **SERVICE ET NEGOCIATION DE CAPACITES DE FONCTIONNEMENT DANS UN RESEAU UTILISANT UN SEUL MODE DE NUMEROTAGE**
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[72] RAESAENEN, JUHA A., FI
[72] ERJANNE, JUHA, FI
[72] OHVO, MIKKO, FI
[71] NOKIA CORPORATION, FI
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[86] 2001-10-08 (PCT/EP2001/011635)
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[51] **Int.Cl. 7G06K 7/10 7G06K 19/06**
[25] EN
[54] **BAR CODE SYMBOL READING DEVICE HAVING INTELLIGENT DATA COMMUNICATION INTERFACE TO A HOST SYSTEM**
[54] **DISPOSITIF DE LECTURE DE CODE A BARRES COMPORTANT UNE INTERFACE INTELLIGENTE DE COMMUNICATION DE DONNEES AVEC UN SYSTEME HOTE**
[72] ZHU, XUEWEN, CN
[72] JI, KAI, CN
[72] XU, CONGWEI, CN
[72] YANG, AILI, CN
[71] METROLOGIC INSTRUMENTS, INC., US
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[25] EN
[54] **AUTOMATIC FREQUENCY CORRECTION METHOD AND APPARATUS FOR TIME DIVISION DUPLEX MODES OF 3G WIRELESS COMMUNICATIONS**
[54] **PROCEDE DE CORRECTION DE FREQUENCE AUTOMATIQUE ET APPAREIL POUR MODES DUPLEX A REPARTITION DANS LE TEMPS DE COMMUNICATIONS SANS FIL DE TROISIEME GENERATION**
[72] STERNBERG, GREGORY S., US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
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[25] EN
[54] **LOW VISCOSITY PRECURSOR COMPOSITIONS AND METHODS FOR THE DEPOSITION OF CONDUCTIVE ELECTRONIC FEATURES**
[54] **COMPOSITIONS DE PRECURSEUR A FAIBLE VISCOSITE ET PROCEDES DE DEPOT D'ELEMENTS ELECTRONIQUES CONDUCTEURS**
[72] KUNZE, KLAUS, US
[72] STUMP, AARON, US
[72] KODAS, TOIVO T., US
[72] SCHULT, ALLEN, US
[72] DENHAM, HUGH, US
[72] ATANASSOVA, PAOLINA, US
[72] VANHEUSDEN, KAREL, US
[72] HAMPDEN-SMITH, MARK J., US
[71] SUPERIOR MICROPOWDERS, LLC, US
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[87] 2003-04-17 (WO2003/032084)
[30] US (60/327,620) 2001-10-05
[30] US (60/327,621) 2001-10-05

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[54] **APPARATUS TO AID IN ENTERING AND EXITING A BED**
[54] **DISPOSITIF SERVANT A SE METTRE DANS UN LIT ET A EN SORTIR**
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[71] PENDELL, GORDON ZACHARY, US
[85] 2004-03-23
[86] 2002-10-09 (PCT/US2002/032407)
[87] 2003-04-24 (WO2003/032885)
[30] US (60/329,883) 2001-10-17

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[13] A1

[51] **Int.Cl. 7A63F 13/00 7G06F 17/00 7G06F 19/00 7A63F 9/24**
[25] EN
[54] **GAMING DEVICE WITH WILD ACTIVATION SYMBOLS AND WILD TERMINATION SYMBOLS**
[54] **APPAREIL DE JEUX DE HASARD PRESENTANT DES SYMBOLES D'ACTIVATION "JOKER" ET DES SYMBOLES D'ARRET "JOKER"**
[72] GLAVICH, PAULINA, US
[72] BAERLOCHER, ANTHONY J., US
[72] KAMINKOW, JOSEPH E., US
[71] IGT, US
[85] 2004-03-19
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[51] **Int.Cl. 7B29C 45/14 7B60S 1/02 7H05B 3/86**
[25] FR
[54] **PROCEDE POUR FABRIQUER UNE VITRE EN MATIERE PLASTIQUE AVEC UNE STRUCTURE DE CONDUCTEURS ELECTRIQUES ET VITRE EN MATIERE PLASTIQUE AVEC FILS NOYES**
[54] **METHOD FOR MAKING A PLASTIC PANE WITH ELECTRICAL CONDUCTOR STRUCTURE AND PLASTIC PANE WITH EMBEDDED WIRES**
[72] AENGENHEYSER, GERALD, DE
[72] BLANCHE, LUC-HENRY, DE
[71] FREEGLASS GMBH & CO. KG, DE
[85] 2004-03-22
[86] 2002-09-25 (PCT/FR2002/003266)
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[54] **SUPPORT D'AFFICHAGE COMPRENANT UN TEXTILE ENDUIT**
[54] **DISPLAY SUPPORT COMPRISING A COATED FABRIC**
[72] LANGNER, MICHAEL, DE
[72] PERILLON, JEAN-LUC, FR
[71] TISSAGE ET ENDUCTION SERGE FERRARI SA, FR
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[25] FR
[54] **NOUVEAU PROCEDE DE PREPARATION DE MACROCYCLES AZOTES C-FONCTIONNALISES ET NOUVEAUX INTERMEDIAIRES OBTENUS**
[54] **NOVEL METHOD OF PREPARING NITROGEN MACROCYCLES**
[72] GUILARD, ROGER, FR
[72] BABOUHOT, JEAN-LOUIS, FR
[72] CHOLLET, HERVE, FR
[72] BOSCHETTI, FREDERIC, FR
[72] DENAT, FRANCK, FR
[72] LEDON, HENRY, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
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[13] A1
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[25] FR
[54] **COMPOSITION DERMOCOSMETOLOGIQUE A VISEE ANTI-INFLAMMATOIRE, EN PARTICULIER POUR LE TRAITEMENT DE L'ACNE ET DE LA DERMITE SEBORRHEIQUE**
[54] **ANTI-INFLAMMATORY DERMOCOSMETOLOGIC COMPOSITION IN PARTICULAR FOR TREATING ACNE AND SEBORRHEIC DERMATITIS**
[72] DUSSERT, ANNE-SOPHIE, FR
[72] ARIES, MARIE-FRANCOISE, FR
[72] FORT-LACOSTE, LYDIE, FR
[71] PIERRE FABRE DERMOCOSMETIQUE, FR
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[30] FR (01/12259) 2001-09-24
[30] FR (02/02001) 2002-02-18

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[51] **Int.Cl. 7A61K 9/51**
[25] EN
[54] **PREPARATION OF SUBMICRON SIZED NANOPARTICLES VIA DISPERSION AND SOLVENT OR LIQUID PHASE REMOVAL**
[54] **PREPARATION DE NANOPARTICULES SUBMICRONIQUES PAR DISPERSION ET ELIMINATION D'UN SOLVANT OU D'UNE PHASE LIQUIDE**
[72] KIPP, JAMES E., US
[72] STERNBERG, SHMUEL, US
[72] BRYNJELSEN, SEAN, US
[72] DOTY, MARK J., US
[72] DUNHAM, ANDREW J., US
[72] NARAYANAN, KRISHNASWAMY, US
[72] JAYSWAL, NAILESH, US
[71] BAXTER INTERNATIONAL INC., US
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[87] 2003-04-03 (WO2003/026611)
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[51] **Int.Cl. 7C08J 7/06 7C08J 5/12**
[25] EN
[54] **CONTACT METATHESIS POLYMERIZATION**
[54] **POLYMERISATION METHATETIQUE DE CONTACT**
[72] CASTER, KENNETH C., US
[72] KECK, CHRISTOPHER G., US
[71] LORD CORPORATION, US
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[51] **Int.Cl. 7A61K 9/00 7A61K 9/20 7A61K 9/28**
[25] EN
[54] **FONDANT-BASED PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE A BASE DE FONDANT**
[72] SOWDEN, HARRY S., US
[72] BUNICK, FRANK J., US
[72] LABELLA, GUS B., US
[71] MCNEIL-PPC, INC., US
[85] 2004-03-23
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[87] 2003-04-03 (WO2003/026613)
[30] US (09/966,939) 2001-09-28
[30] US (09/966,509) 2001-09-28
[30] US (09/966,497) 2001-09-28
[30] US (09/967,414) 2001-09-28
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[13] A1
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[25] EN
[54] **PATIENT CARD**
[54] **CARTE DE PATIENT**
[72] NEYMANN, PETER-JOACHIM, DE
[71] NEYMANN, PETER-JOACHIM, DE
[85] 2004-03-22
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[87] 2003-04-03 (WO2003/027948)
[30] DE (201 15 536.2) 2001-09-20

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[13] A1
[51] **Int.Cl. 7A61B 5/00 7A61B 10/00 7A61B 5/16**
[25] EN
[54] **METHOD AND APPARATUS FOR DIAGNOSING SCHIZOPHRENIA AND SCHIZOPHRENIA SUBTYPE**
[54] **PROCEDE ET APPAREIL DE DIAGNOSTIC DE LA SCHIZOPHRENIE ET D'UN SOUS-TYPE DE SCHIZOPHRENIE**
[72] KULDAU, JOHN M., US
[72] WHITE, KEITH D., US
[72] PETTIGREW, JOHN DOUGLAS, AU
[72] LEONARD, CHRISTIANA M., US
[71] THE UNIVERSITY OF QUEENSLAND, AU
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2004-03-24
[86] 2002-03-26 (PCT/AU2002/000348)
[87] 2003-04-03 (WO2003/026500)
[30] AU (76084/01) 2001-09-25

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[13] A1
[51] **Int.Cl. 7B65H 9/10**
[25] EN
[54] **DEVICE FOR ALIGNING STACKED SHEETS INTO A BOOK**
[54] **DISPOSITIF D'ALIGNEMENT DE FEUILLES SUPERPOSEES EN UN CAHIER**
[72] HAHN, THILO, DE
[72] SCHAEDE, JOHANNES GEORG, DE
[71] KBA-GIORI S.A., CH
[85] 2004-03-18
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[51] **Int.Cl. 7C07D 417/14 7C07D 213/00 7C07D 265/00 7C07D 277/00 7C07D 333/00 7A61P 35/00 7C07D 417/04**
[25] EN
[54] **3-PYRIDYL OR 4-ISOQUINOLINYL THIAZOLES AS C17,20 LYASE INHIBITORS**
[54] **THIAZOLES 3-PYRIDYLE OU 4-ISOQUINOLINYLE UTILISES COMME INHIBITEURS DE LYASE C17,20**
[72] BIERER, DONALD, US
[72] HART, BARRY, US
[72] SCOTT, WILLIAM J., US
[72] LADOUCEUR, GAETAN H., US
[72] JOHNSON, JEFFREY, US
[72] ASGARI, DAVOUD, US
[72] ACHEBE, FURAH, US
[72] SIBLEY, ROBERT, US
[72] DUMAS, JACQUES, US
[72] FU, WENLANG, US
[72] BURKE, MICHAEL J., US
[72] MCCLURE, ANDREA, US
[72] BI, CHENG, US
[71] BAYER PHARMACEUTICALS CORPORATION, US
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[86] 2002-09-26 (PCT/US2002/030483)
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[30] US (60/324,993) 2001-09-26

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[13] A1
[51] **Int.Cl. 7C07D 401/04 7C07D 209/00 7C07D 213/00 7C07D 231/00 7A61P 35/00 7C07D 401/14 7A61K 31/404 7A61K 31/416 7A61K 31/422**
[25] EN
[54] **SUBSTITUTED 3-PYRIDYL INDOLES AND INDAZOLES AS C17,20 LYASE INHIBITORS**
[54] **3-PYRIDYL INDOLES ET INDAZOLES SUBSTITUES SERVANT D'INHIBITEURS DE C17,20 LYASE**
[72] BURKE, MICHAEL J., US
[72] WONG, WAI C., US
[72] LADOUCEUR, GAETAN H., US
[72] BIERER, DONALD, US
[71] BAYER PHARMACEUTICALS CORPORATION, US
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[87] 2003-04-03 (WO2003/027094)
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[13] A1
[51] **Int.Cl. 7A61K 31/403 7A61P 25/24 7C07D 209/88**
[25] EN
[54] **ARYLSULPHONYL-SUBSTITUTED TETRAHYDRO- AND HEXAHYDRO-CARBAZOLES AS 5-HT-6 RECEPTOR LIGANDS**
[54] **CARBAZOLES ARYLSULFONYL TETRAHYDRO ET HEXAHYDRO SUBSTITUES UTILES COMME LIGANDS DU RECEPTEUR 5-HT-6**
[72] FU, JIAN-MIN, US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2004-03-25
[86] 2002-10-08 (PCT/US2002/032353)
[87] 2003-04-17 (WO2003/030901)
[30] US (60/327,876) 2001-10-09
[30] US (60/327,875) 2001-10-09

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[13] A1
[51] **Int.Cl. 7A61B 5/15 7A61B 10/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SAMPLING BODILY FLUID**
[54] **PROCEDE ET APPAREIL DE PRELEVEMENT DE LIQUIDE ORGANIQUE**
[72] PEREZ, EDWARD P., US
[71] F. HOFFMAN-LA ROCHE AG, CH
[85] 2004-03-22
[86] 2002-09-25 (PCT/US2002/030531)
[87] 2003-05-15 (WO2003/039369)
[30] US (60/324,514) 2001-09-26

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[13] A1
[51] **Int.Cl. 7A61K 45/06 7A61P 35/00**
[25] EN
[54] **CYCLOOXYGENASE-2 INHIBITOR/HISTONE DEACETYLASE INHIBITOR COMBINATION**
[54] **COMBINAISON D'INHIBITEUR DE CYCLOOXYGENASE-2 /INHIBITEUR D'HISTONE DESACETYLASE**
[72] CHEN, YING-NAN PAN, US
[72] WOOD, ALEXANDER WALLACE, US
[72] LASSOTA, PETER, US
[71] NOVARTIS AG, CH
[85] 2004-03-22
[86] 2002-11-05 (PCT/EP2002/012343)
[87] 2003-05-15 (WO2003/039599)
[30] US (60/333,016) 2001-11-06
[30] US (60/419,314) 2002-10-17

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[13] A1
[51] **Int.Cl. 7B05B 5/053 7B05B 5/10**
[25] EN
[54] **SPRAY GUN WITH VARIABLE LOAD LINE CONTROL**
[54] **PISTOLET-PULVERISATEUR A COMMANDE DE LIGNE DE CHARGE VARIABLE**
[72] PERKINS, JEFFREY A., US
[71] NORDSON CORPORATION, US
[85] 2004-03-22
[86] 2002-10-17 (PCT/US2002/033247)
[87] 2003-05-15 (WO2003/039758)
[30] US (60/330,325) 2001-10-18
[30] US (60/330,319) 2001-10-18
[30] US (60/330,321) 2001-10-18
[30] US (60/330,324) 2001-10-18

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[13] A1
[51] **Int.Cl. 7C09D 11/00**
[25] EN
[54] **INK FORMULATIONS AND USES THEREOF**
[54] **FORMULATIONS D'ENCRE ET LEURS UTILISATIONS**
[72] CORTI, SANDRA, US
[72] TUCKER, ROBERT CAREY, US
[71] NOVARTIS AG, CH
[85] 2004-03-22
[86] 2002-11-06 (PCT/EP2002/012402)
[87] 2003-05-15 (WO2003/040242)
[30] US (60/348,257) 2001-11-07

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[13] A1
[51] **Int.Cl. 7C07D 311/58 7C07D 213/00 7C07D 271/00 7C07D 311/00 7C07D 319/00 7C07D 311/02 7C07D 405/12 7C07D 407/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7A61K 31/35**
[25] EN
[54] **CHROMAN DERIVATIVES AS 5-HYDROXYTRYPTAMINE-6 LIGANDS**
[54] **DERIVES DU CHROMAN, LIGANDS DE L'5-HYDROXYTRYPTAMINE-6**
[72] KELLY, MICHAEL GERARD, US
[72] GREENBLATT, LYNNE PADILLA, US
[71] WYETH COMPANY, US
[85] 2004-03-19
[86] 2002-09-30 (PCT/US2002/030955)
[87] 2003-04-10 (WO2003/029238)
[30] US (60/326,957) 2001-10-04

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[13] A1

[51] **Int.Cl. 7D04H 1/56**
[25] EN
[54] **PROCESS FOR PREPARING A NON-WOVEN FIBROUS WEB**
[54] **PROCEDE DE PREPARATION D'UN VOILE FIBREUX NON TISSE**
[72] BOUCHETTE, MICHAEL PAUL, US
[72] KENDALL, DAVID PAUL, US
[71] APPLETON PAPERS INC., US
[85] 2004-03-22
[86] 2002-10-10 (PCT/US2002/032274)
[87] 2003-05-15 (WO2003/040453)
[30] US (10/001,121) 2001-11-02

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[13] A1

[51] **Int.Cl. 7B65B 3/26**
[25] EN
[54] **BEVERAGE DISPENSER AND AUTOMATIC SHUT-OFF VALVE**
[54] **DISTRIBUTEUR DE BOISSONS ET SOUPE D'ARRET AUTOMATIQUE**
[72] KREBS, PHILIP M., US
[72] COCHRAN, JOHN D., US
[72] DARBY, BRIAN J., US
[72] SEITZ, FORREST S., US
[72] MYERS, DENISE K., US
[71] MANITOWOC FOODSERVICE COMPANIES, INC., US
[85] 2004-03-19
[86] 2002-09-27 (PCT/US2002/030975)
[87] 2003-04-03 (WO2003/026966)
[30] US (60/325,871) 2001-09-28

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[13] A1

[51] **Int.Cl. 7H02J 7/00 7H01M 10/46**
[25] EN
[54] **BATTERY SIZE DETECTOR FOR A BATTERY CHARGER**
[54] **DISPOSITIF PERMETTANT DE DETERMINER LA TAILLE D'UNE PILE, DESTINE A UN CHARGEUR DE PILES**
[72] PFEIFFER, J. DAVID, CA
[71] JDP INNOVATIONS INC., CA
[85] 2004-03-23
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[87] 2003-04-03 (WO2003/028186)

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[13] A1

[51] **Int.Cl. 7C02F 3/28 7C05F 1/00 7C05F 7/00 7C02F 3/34**
[25] EN
[54] **INTEGRATED ANAEROBIC DIGESTER SYSTEM**
[54] **SYSTEME DIGESTEUR ANAEROBIE INTEGRE**
[72] AINSWORTH, JACK L., US
[72] RIDEOUT, TOM, US
[72] ATWOOD, DAN, US
[71] AINSWORTH, JACK L., US
[71] RIDEOUT, TOM, US
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[86] 2001-11-30 (PCT/US2001/045224)
[87] 2003-05-22 (WO2003/042117)
[30] US (09/963,130) 2001-09-24

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[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING LOGISTICS FOR A SALE OF GOODS**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ASSURER LA LOGISTIQUE DANS LA VENTE DE MARCHANDISES**
[72] FLUHR, JEFF, US
[72] LAWSON, JEFF, US
[72] LEVENSON, MATTHEW, US
[72] KERNES, SHAWN, US
[71] LIQUIDSEATS, INC., US
[85] 2004-03-24
[86] 2002-09-26 (PCT/US2002/030620)
[87] 2003-04-03 (WO2003/027808)
[30] US (09/967,171) 2001-09-27

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[13] A1

[51] **Int.Cl. 7A61F 2/44 7A61F 2/28 7A61F 2/46**
[25] EN
[54] **SKELETAL STABILIZATION IMPLANT**
[54] **IMPLANT DE STABILISATION DU SQUELETTE**
[72] BANICK, CHRISTOPHER M., US
[72] HANSON, DAVID A., US
[72] HOUFBURG, RODNEY L., US
[72] DANT, JACK A., US
[71] SULZER SPINE-TECH INC., US
[85] 2004-03-24
[86] 2002-09-27 (PCT/US2002/031011)
[87] 2003-04-03 (WO2003/026522)
[30] US (60/325,804) 2001-09-28

[21] **2,461,408**
[13] A1

[51] **Int.Cl. 7G06F 1/00 7G06F 12/14**
[25] EN
[54] **METHOD AND DEVICE FOR ENCRYPTION/DECRYPTION OF DATA ON MASS STORAGE DEVICE**
[54] **PROCEDE ET DISPOSITIF DE CRYPTAGE/DECRYPTAGE DE DONNEES SUR UN DISPOSITIF DE MEMOIRE A GRANDE CAPACITE**
[72] NESSLER, KAI WILHELM, NO
[71] HIGH DENSITY DEVICES AS, NO
[85] 2004-03-24
[86] 2002-09-25 (PCT/NO2002/000342)
[87] 2003-04-03 (WO2003/027816)
[30] US (60/325,168) 2001-09-28

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[25] EN
[54] **FILTRATION DEVICE**
[54] **DISPOSITIF DE FILTRATION**
[72] POLAK, WALTER, AT
[72] IMAI, FUMIHITO, JP
[71] TOHZAI ELECTRIC CO., LTD., JP
[71] P & W INVEST VERMOEGENS VERWALTUNGSGESELLSCHAFT MBH, AT
[85] 2004-01-26
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[87] 2003-06-26 (WO2003/051486)

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[13] A1

[51] **Int.Cl. 7G08G 1/01 7H01Q 1/42**
[25] EN
[54] **VEHICULAR TRAFFIC SENSOR**
[54] **ANALYSEUR DE TRAFIC DE VEHICULES**
[72] ARNOLD, DAVID V., US
[72] WAITE, JONATHAN L., US
[72] DOUGALL, JOHN B., JR., US
[72] SMITH, RYAN, US
[72] KARLINSEY, THOMAS WILLIAM, US
[72] JENSEN, MICHAEL, US
[72] HARRIS, LOGAN, US
[71] WAVETRONIC, LLC, US
[85] 2004-03-24
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[87] 2003-04-03 (WO2003/027986)
[30] US (09/964,668) 2001-09-27

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[13] A1

[51] **Int.Cl. 7A41H 5/00 7A47F 8/00**
7G09B 23/32
[25] EN
[54] **MANNEQUIN JOINTS**
ARTICULATIONS POUR
MANNEQUINS
[72] VARNER, RICHARD, US
[72] TALARIC, JAMES, US
[72] BARBER, JAMES, US
[71] FUSION SPECIALTIES, INC., US
[85] 2004-03-24
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[30] US (09/961,792) 2001-09-24

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[13] A1

[51] **Int.Cl. 7G08G 1/005 7G08G 1/0968**
7G01C 21/26
[25] EN
[54] **SYSTEM AND METHOD FOR**
PROVIDING TRAVEL-GUIDING
INFORMATION ON A MOBILE
COMMUNICATION DEVICE
[54] **SYSTEME ET PROCEDE POUR LA**
MISE A DISPOSITION
D'INFORMATIONS DE GUIDAGE SUR
UN APPAREIL DE COMMUNICATION
MOBILE
[72] FISCHER, MICHAEL, CH
[71] SIEMENS SCHWEIZ AG, DE
[85] 2004-03-23
[86] 2002-03-22 (PCT/EP2002/003222)
[87] 2003-01-16 (WO2003/005321)
[30] EP (01 116 069.4) 2001-07-02

[21] **2,461,416**
[13] A1

[51] **Int.Cl. 7F16K 31/126 7G05D 16/06**
7G05D 16/18
[25] EN
[54] **BACK PRESSURE VALVE WITH**
DYNAMIC PRESSURE CONTROL
[54] **REGULATEUR DE PRESSION**
D'EVAPORATION A REGULATION
DYNAMIQUE DE LA PRESSION
[72] SIMPSON, TODD A., CA
[72] YE, JIANMING, CA
[71] HYDROGENICS CORPORATION, CA
[85] 2004-03-23
[86] 2002-09-18 (PCT/CA2002/001432)
[87] 2003-04-03 (WO2003/027551)
[30] US (09/961,092) 2001-09-24

[21] **2,461,417**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/66**
[25] EN
[54] **NETWORK GATEWAY DEVICE**
AND COMMUNICATIONS SYSTEM
FOR REAL TIME COMMUNICATION
CONNECTIONS
[54] **UNITE DE CONNEXION DE**
RESEAUX ET SYSTEME DE
COMMUNICATION POUR LIAISONS
DE COMMUNICATION EN TEMPS
REEL
[72] MUELLER, HARALD, DE
[72] KLAGHOFER, KARL, DE
[72] MULLER, HERIBERT, AT
[72] TOTZKE, JUERGEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT,
DE
[85] 2004-03-23
[86] 2002-09-09 (PCT/DE2002/003345)
[87] 2003-04-03 (WO2003/028333)
[30] DE (101 47 148.3) 2001-09-25

[21] **2,461,418**
[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **METHOD AND DEVICE FOR**
IMPLEMENTATION OF A FIREWALL
APPLICATION FOR
COMMUNICATION DATA
[54] **PROCEDE ET DISPOSITIF DE**
MISE EN OEUVRE D'UNE
APPLICATION DE PARE-FEU POUR
DES DONNEES DE COMMUNICATION
[72] VOLKMAN, GERALD, DE
[72] MUELLER, HARALD, DE
[72] KLAGHOFER, KARL, DE
[72] TOTZKE, JUERGEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT,
DE
[85] 2004-03-23
[86] 2002-09-10 (PCT/DE2002/003351)
[87] 2003-04-03 (WO2003/028334)
[30] DE (101 47 147.5) 2001-09-25

[21] **2,461,419**
[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **METHOD FOR THE**
TRANSMISSION OF DATA IN A
PACKET-ORIENTED DATA NETWORK
[54] **PROCEDE DE TRANSMISSION DE**
DONNEES DANS UN RESEAU DE
DONNEES ORIENTE PAQUET
[72] TOTZKE, JUERGEN, DE
[72] VOLKMAN, GERALD, DE
[72] KLAGHOFER, KARL, DE
[72] MUELLER, HARALD, DE
[71] SIEMENS AKTIENGESELLSCHAFT,
DE
[85] 2004-03-23
[86] 2002-09-10 (PCT/DE2002/003356)
[87] 2003-04-03 (WO2003/028335)
[30] DE (101 47 146.7) 2001-09-25

[21] **2,461,420**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/56**
[25] EN
[54] **METHOD FOR CONTROLLING**
FEATURES IN PACKET-ORIENTED
COMMUNICATION SYSTEMS
[54] **PROCEDE DE COMMANDE DE**
CARACTERISTIQUES DANS DES
SYSTEMES DE COMMUNICATION
ORIENTES PAR PAQUETS
[72] MULLER, HERIBERT, AT
[72] KLAGHOFER, KARL, DE
[72] MUELLER, HARALD, DE
[72] TOTZKE, JUERGEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT,
DE
[85] 2004-03-23
[86] 2002-09-16 (PCT/DE2002/003457)
[87] 2003-04-03 (WO2003/028349)
[30] DE (101 47 151.3) 2001-09-25

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[21] **2,461,426**
[13] A1
[51] **Int.Cl. 7C07D 487/04 7A61P 39/00**
[25] EN
[54] **IMIDAZO-PYRIMIDINE DERIVATIVES AS LIGANDS FOR GABA RECEPTORS**
[54] **DERIVES D'IMIDAZO-PYRIMIDINE COMME LIGANDS POUR LES RECEPTEURS GABA**
[72] JONES, PHILIP, GB
[72] LEWIS, RICHARD THOMAS, GB
[72] HALLETT, DAVID JAMES, GB
[72] CHAMBERS, MARK STUART, GB
[72] SZEKERES, HELEN JANE, GB
[72] JENNINGS, ANDREW, GB
[72] RUSSELL, MICHAEL GEOFFREY NEIL, GB
[72] STREET, LESLIE JOSEPH, GB
[72] GOODACRE, SIMON CHARLES, GB
[72] MOORE, KEVIN WILLIAM, GB
[71] MERCK SHARP & DOHME LIMITED, GB
[85] 2004-03-23
[86] 2002-03-19 (PCT/GB2002/001352)
[87] 2002-09-26 (WO2002/074773)
[30] GB (0107134.9) 2001-03-21
[30] GB (0127938.9) 2001-11-21

[21] **2,461,438**
[13] A1
[51] **Int.Cl. 7C07C 231/02 7C07C 231/00 7C07C 213/02 7C07C 235/34**
[25] EN
[54] **PROCESS FOR PREPARATION OF ALPHA-HYDROXYCARBOXYLIC ACID AMIDES**
[54] **PROCEDE DE PREPARATION D'AMIDES D'ACIDE HYDROCARBOXYLIQUE-.ALPHA.**
[72] FABER, DOMINIK, CH
[72] VETTIGER, THOMAS, CH
[72] LAMBERTH, CLEMENS, CH
[72] ZELLER, MARTIN, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2004-03-22
[86] 2002-11-15 (PCT/EP2002/012844)
[87] 2003-05-22 (WO2003/042166)
[30] GB (0127559.3) 2001-11-16

[21] **2,461,439**
[13] A1
[51] **Int.Cl. 7C07C 235/34 7A01N 37/18 7C07C 323/22 7C07C 327/44**
[25] EN
[54] **NOVEL ALPHA-OXYGENATED OR ALPHA-THIOLATED CARBOXYLIC ACID PENETHYLAMIDE DERIVATIVES**
[54] **NOUVEAUX DERIVES PHENETHYLAMIDE DE L'ACIDE CARBOXYLIQUE \$G(A)-OXYGENES OU \$G(A)-THIOLES**
[72] ZELLER, MARTIN, CH
[72] KRIZ, MIROSLAV, SK
[72] LAMBERTH, CLEMENS, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2004-03-22
[86] 2002-11-15 (PCT/EP2002/012845)
[87] 2003-05-22 (WO2003/042167)
[30] GB (0127556.9) 2001-11-16

[21] **2,461,444**
[13] A1
[51] **Int.Cl. 7A61K 33/24 7A41D 31/00 7H05F 1/00 7C09K 3/00 7C08L 101/00 7A61P 7/02 7A61K 33/06 7A61N 5/06 7A61K 33/08 7C08K 3/08 7D01F 1/10 7C09K 3/16 7A01N 59/16 7C08K 3/22 7B65D 81/24**
[25] EN
[54] **ANTITHROMBOGENIC PLATINIFEROUS CERAMIC COMPOSITION AND ARTICLE CONTAINING THE SAME**
[54] **COMPOSITION DE CERAMIQUE CONTENANT DU PLATINE FERREUX ANTITHROMBOGENE, ET ARTICLE CONTENANT LADITE COMPOSITION**
[72] KOMURO, TOSHIO, JP
[71] KOMURO, TOSHIO, JP
[85] 2004-03-22
[86] 2003-06-05 (PCT/JP2003/007110)
[87] 2003-12-18 (WO2003/103690)
[30] JP (2002-163695) 2002-06-05

[21] **2,461,446**
[13] A1
[51] **Int.Cl. 7G06F 12/00**
[25] EN
[54] **SEMICONDUCTOR MEMORY APPARATUS AND METHOD FOR WRITING DATA INTO THE FLASH MEMORY DEVICE**
[54] **MEMOIRE A SEMI-CONDUCTEURS ET PROCEDE D'ENREGISTREMENT DE DONNEES DANS UNE MEMOIRE FLASH**
[72] INAGAKI, YOSHIHISA, JP
[72] HONDA, TOSHIYUKI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2004-03-22
[86] 2003-08-25 (PCT/JP2003/010718)
[87] 2004-03-11 (WO2004/021191)
[30] JP (2002/251194) 2002-08-29

[21] **2,461,450**
[13] A1
[51] **Int.Cl. 7C07D 295/02 7C07C 51/00 7C07C 67/08 7C07C 31/125 7C07C 53/126 7C07C 29/147 7C07C 69/24 7C07C 49/385 7C07C 45/56**
[25] EN
[54] **PROCESS FOR PREPARING HIGHER PRIMARY ALKANOLS**
[54] **PROCEDE POUR LA PREPARATION D'ALCANOLS PRIMAIRES SUPERIEURS**
[72] REY, MAX, CH
[72] RETTIG, MARTIN, CH
[72] BRAIER, ARNOLD, CH
[71] CILAG AG, CH
[85] 2004-01-30
[86] 2002-01-25 (PCT/EP2002/000953)
[87] 2002-08-01 (WO2002/059101)
[30] EP (01200275.4) 2001-01-26

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[21] **2,461,457**
[13] A1

[51] **Int.Cl. 7A61J 3/10**
[25] EN
[54] **MULTI-CORED MOLDED ARTICLE, METHOD OF PRODUCING THE SAME, AND DEVICE FOR PRODUCING THE SAME**
[54] **ARTICLE MOULE MULTICANAUX, AINSI QUE PROCEDE ET DISPOSITIF DE PRODUCTION DE CET ARTICLE**
[72] OZEKI, YUICHI, JP
[72] WATANABE, YUKINAO, JP
[72] KONDO, YOSHIYA, JP
[71] SANWA KAGAKU KENKYUSHO CO., LTD., JP
[85] 2004-03-24
[86] 2002-09-24 (PCT/JP2002/009808)
[87] 2003-04-03 (WO2003/026560)
[30] JP (2001-292682) 2001-09-26

[21] **2,461,458**
[13] A1

[51] **Int.Cl. 7F24D 11/02**
[25] EN
[54] **CLIMATE CONTROL INSTALLATION**
[54] **INSTALLATION DE CONDITIONNEMENT D'AIR**
[72] GURANSSON, HANSGORAN, SE
[71] FORSTA NARVARMEVERKET AB, SE
[85] 2004-03-23
[86] 2002-10-01 (PCT/SE2002/001778)
[87] 2003-05-22 (WO2003/042600)
[30] SE (0103257-2) 2001-10-01

[21] **2,461,460**
[13] A1

[51] **Int.Cl. 7B01D 35/10**
[25] EN
[54] **A DEVICE AND A METHOD FOR FILTERING A FLUID**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE FILTRER UN FLUIDE**
[72] BOYE, BO, DK
[71] FIBRA LIMITED, GB
[85] 2004-03-19
[86] 2001-09-17 (PCT/EP2001/010707)
[87] 2002-03-28 (WO2002/024306)
[30] GB (0022950.0) 2000-09-19
[30] US (60/233,658) 2000-09-19

[21] **2,461,463**
[13] A1

[51] **Int.Cl. 7A63F 1/00 7A63F 9/20**
[25] EN
[54] **SYSTEM AND METHOD OF PLAYING A CARD GAME**
[54] **SYSTEME ET PROCEDE POUR JEU DE CARTES**
[72] CRAWFORD, CURTIS, US
[71] CRAWFORD, CURTIS, US
[85] 2004-03-22
[86] 2002-08-26 (PCT/US2002/027237)
[87] 2003-03-13 (WO2003/020382)
[30] US (09/941,967) 2001-08-28

[21] **2,461,467**
[13] A1

[51] **Int.Cl. 7C07D 237/22 7C07D 401/12 7C07D 403/12 7A61P 25/22 7A61P 25/28 7A61K 31/50**
[25] EN
[54] **SUBSTITUTED ALKYLAMINOPYRIDAZINONE DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME**
[54] **DERIVES D'ALKYLAMINOPYRIDAZINONE SUBSTITUES, LEUR PROCEDE DE PREPARATION ET COMPOSITION PHARMACEUTIQUE LES CONTENANT**
[72] EGYED, ANDRAS, HU
[72] LEVAY, GYOERGY, HU
[72] SZENASI, GABOR, HU
[72] KOTAY NAGY, PETER, HU
[72] KOMPAGNE, HAJNALKA, HU
[72] GACSALYI, ISTVAN, HU
[72] HARSING, LASZLO GABOR, HU
[72] SCHMIDT, EVA, HU
[72] BARKOCZY, JOZSEF, HU
[72] MARTONNE MARKO, BERNADETT, HU

[72] WELLMANN, JANOS, HU
[72] MIKLOSNE KOVACS, ANIKO, HU
[72] LEVELEKI, CSILLA, HU
[72] SIMIG, GYULA, HU
[71] EGIS GYOGYSZERGYAR RT., HU
[85] 2004-03-24
[86] 2002-09-26 (PCT/HU2002/000097)
[87] 2003-04-03 (WO2003/027078)
[30] HU (P 0103912) 2001-09-27

[21] **2,461,469**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/28 7H04L 12/56**
[25] EN
[54] **RECEIVING DATA TELEGRAMS IN COMMUNICATIONS SYSTEMS WITH REDUNDANT NETWORK PATHS**
[54] **RECEPTION DE TELEGRAMMES DE DONNEES DANS DES SYSTEMES DE COMMUNICATION A VOIES DE RESEAU REDONDANTES**
[72] KLOTZ, DIETER, DE
[72] SCHIMMER, JUERGEN, DE
[72] BRUECKNER, DIETER, DE
[72] ARNOLD, JOHANN, DE
[72] GOETZ, FRANZ-JOSEF, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-13 (PCT/DE2002/003430)
[87] 2003-04-03 (WO2003/028336)
[30] DE (101 47 428.8) 2001-09-26
[30] DE (102 34 149.4) 2002-07-26

[21] **2,461,472**
[13] A1

[51] **Int.Cl. 7H04J 3/06 7G06F 1/14**
[25] EN
[54] **COMMUNICATION SYSTEM AND METHOD FOR SYNCHRONIZATION OF A COMMUNICATION CYCLE**
[54] **SYSTEME DE COMMUNICATION ET PROCEDE POUR LA SYNCHRONISATION D'UN SYSTEME DE COMMUNICATION**
[72] GOETZ, FRANZ-JOSEF, DE
[72] MUELLER, CHRISTIANE, DE
[72] SCHIMMER, JUERGEN, DE
[72] BERNECKER, HERBERT, DE
[72] BRUECKNER, DIETER, DE
[72] ARNOLD, JOHANN, DE
[72] KLOTZ, DIETER, DE
[72] SCHEITHAUER, GERHARD, DE
[72] KRAUSE, KARL-HEINZ, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-13 (PCT/DE2002/003437)
[87] 2003-04-03 (WO2003/028259)
[30] DE (101 47 422.9) 2001-09-26

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[21] **2,461,475**
[13] A1
[51] **Int.Cl. 7H04Q 11/00**
[25] EN
[54] **ALL-OPTICAL SWITCHING SITES FOR AN AGILE OPTICAL NETWORK**
[54] **SITES DE COMMUTATION TOUT OPTIQUE POUR UN RESEAU OPTIQUE SOUPLE**
[72] BERG, LOREN S., CA
[72] PARK, DAVID W., CA
[72] BAKER, NIGEL, GB
[72] VIELLEUX, MARC M., CA
[72] AGNEW, MARTIN, GB
[71] NORTEL NETWORKS LIMITED, CA
[85] 2004-03-24
[86] 2002-09-27 (PCT/CA2002/001461)
[87] 2003-04-03 (WO2003/028403)
[30] US (09/965,269) 2001-09-27

[21] **2,461,482**
[13] A1
[51] **Int.Cl. 7H04L 12/46**
[25] EN
[54] **METHOD FOR CREATING A DYNAMIC ADDRESS TABLE FOR A SWITCHING NODE IN A DATA NETWORK AND A METHOD FOR TRANSMITTING A DATA MESSAGE**
[54] **PROCEDE POUR LA CREATION D'UNE TABLE D'ADRESSES DYNAMIQUE POUR UN NOEUD DE COUPLAGE DANS UN RESEAU DE DONNEES ET PROCEDE POUR LA TRANSMISSION D'UN TELEGRAMME DE DONNEES**
[72] GOETZ, FRANZ-JOSEF, DE
[72] KLOTZ, DIETER, DE
[72] BRUECKNER, DIETER, DE
[72] SCHIMMER, JUERGEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-13 (PCT/DE2002/003431)
[87] 2003-04-03 (WO2003/028308)
[30] DE (101 47 419.9) 2001-09-26

[21] **2,461,486**
[13] A1
[51] **Int.Cl. 7G01M 17/02**
[25] EN
[54] **METHOD FOR CONTROLLING HIGH SPEED UNIFORMITY IN TIRES**
[54] **PROCEDE DE REGULATION DE L'UNIFORMITE A GRANDE VITESSE DES PNEUS**
[72] ZHU, FANG, US
[72] TRAYLOR, JAMES M., US
[72] HAIR, CLARENCE VERNON, JR., US
[71] MICHELIN RECHERCHE ET TECHNIQUE, CH
[85] 2004-03-22
[86] 2003-07-31 (PCT/US2003/023929)
[87] 2004-02-12 (WO2004/013599)
[30] US (10/210,306) 2002-08-01

[21] **2,461,487**
[13] A1
[51] **Int.Cl. 7H04L 12/44**
[25] EN
[54] **METHOD FOR GENERATING A STATIC ADDRESS TABLE AND DATA NETWORK**
[54] **PROCEDE POUR LA GENERATION D'UNE TABLE D'ADRESSES STATIQUE ET RESEAU DE DONNEES**
[72] SCHIMMER, JUERGEN, DE
[72] KLOTZ, DIETER, DE
[72] BRUECKNER, DIETER, DE
[72] GOETZ, FRANZ-JOSEF, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-13 (PCT/DE2002/003433)
[87] 2003-04-03 (WO2003/028306)
[30] DE (101 47 412.1) 2001-09-26

[21] **2,461,492**
[13] A1
[51] **Int.Cl. 7H04L 12/64 7H04L 12/24**
[25] EN
[54] **METHOD FOR OPERATING AN ISOCHRONOUS CYCLICAL COMMUNICATION SYSTEM**
[54] **PROCEDE POUR L'EXPLOITATION D'UN SYSTEME DE COMMUNICATION CYCLIQUE ISOCHRONE**
[72] SCHIMMER, JUERGEN, DE
[72] BRUECKNER, DIETER, DE
[72] KLOTZ, DIETER, DE
[72] GOETZ, FRANZ-JOSEF, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-13 (PCT/DE2002/003438)
[87] 2003-04-03 (WO2003/028320)
[30] DE (101 47 424.5) 2001-09-26
[30] DE (102 28 823.2) 2002-06-27

[21] **2,461,495**
[13] A1
[51] **Int.Cl. 7H04L 12/18 7H04L 12/46**
[25] EN
[54] **METHOD FOR OPERATING A SWITCHING NODE IN A DATA NETWORK**
[54] **PROCEDE POUR EXPLOITER UN NOEUD DE COMMUTATION DANS UN RESEAU DE TRANSMISSION DE DONNEES**
[72] SCHIMMER, JUERGEN, DE
[72] MUENCH, CHRISTOPH, DE
[72] ARNOLD, JOHANN, DE
[72] KLOTZ, DIETER, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-13 (PCT/DE2002/003440)
[87] 2003-04-03 (WO2003/028290)
[30] DE (101 47 436.9) 2001-09-26
[30] DE (102 37 351.5) 2002-08-14

[21] **2,461,497**
[13] A1
[51] **Int.Cl. 7A61M 5/32**
[25] EN
[54] **SHEATH FOR A NEEDLE ASSEMBLY**
[54] **ETUI POUR ENSEMBLE AIGUILLE**
[72] POPOVSKY, FRANK, AU
[71] AFRA DESIGN PTY LIMITED, AU
[85] 2004-03-24
[86] 2003-05-22 (PCT/AU2003/000617)
[87] 2004-03-04 (WO2004/018024)
[30] AU (2002950988) 2002-08-26

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[21] **2,461,499**
[13] A1

[51] **Int.Cl. 7G02B 6/26**
[25] EN
[54] **IMAGING OF MICROARRAYS USING FIBER OPTIC EXCITER**
[54] **IMAGERIE DE MICRORESEAUX AU MOYEN D'UN SYSTEME D'EXCITATION A FIBRES OPTIQUES**
[72] NAGHIEH, HARRY R., US
[72] HILLEND AHL, JAMES W., US
[72] WALDBESER, DAVID E., US
[71] BIO-RAD LABORATORIES, INC., US
[85] 2004-03-22
[86] 2002-09-24 (PCT/US2002/030292)
[87] 2003-05-03 (WO2003/027724)
[30] US (60/325,855) 2001-09-27
[30] US (60/325,968) 2001-09-27

[21] **2,461,500**
[13] A1

[51] **Int.Cl. 7H04L 12/64 7G06F 5/06**
[25] EN
[54] **METHOD FOR PROCESSING CONSISTENT DATA SETS**
[54] **PROCEDE POUR TRAITER DES ENREGISTREMENTS COHERENTS**
[72] BRUECKNER, DIETER, DE
[72] GOETZ, FRANZ-JOSEF, DE
[72] KLOTZ, DIETER, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-19 (PCT/DE2002/003521)
[87] 2003-04-03 (WO2003/028321)
[30] DE (101 47 423.7) 2001-09-26
[30] DE (102 30 127.1) 2002-07-04

[21] **2,461,504**
[13] A1

[51] **Int.Cl. 7C08F 8/00**
[25] EN
[54] **POLYMERS WITH STRUCTURE-DEFINED FUNCTIONS**
[54] **POLYMERES A FONCTIONS DEFINIES PAR LA STRUCTURE**
[72] GREENER, BRYAN, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2004-03-23
[86] 2002-09-25 (PCT/GB2002/004344)
[87] 2003-04-03 (WO2003/027154)
[30] GB (0123232.1) 2001-09-26

[21] **2,461,510**
[13] A1

[51] **Int.Cl. 7C07D 401/12 7A61P 25/22 7A61P 25/28 7A61K 31/50**
[25] EN
[54] **SUBSTITUTED ALKYLAMINOPYRIDAZINONE DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME**
[54] **DERIVES SUBSTITUES D'ALKYLAMINOPYRIDAZINONE, PROCEDES DE PREPARATION ET COMPOSITION PHARMACEUTIQUE LES CONTENANT**
[72] MIKLOSNE KOVACS ANIKO, HU
[72] KOTAY NAGY, PETER, HU
[72] WELLMANN, JANOS, HU
[72] SZENASI, GABOR, HU
[72] SCHMIDT, EVA, HU
[72] SIMIG, GYULA, HU
[72] MARTONNE MARKO BERNADETT, HU
[72] LEVAY, GYOERGY, HU
[72] EGYED, ANDRAS, HU
[72] LEVELEKI, CSILLA, HU
[72] KOMPAGNE, HAJNALKA, HU
[72] BARKOCZY, JOZSEF, HU
[72] GACSALYI, ISTVAN, HU
[72] HARSING, LASZLO GABOR, HU
[71] EGIS GYOGYSZERGYAR RT., HU
[85] 2004-03-24
[86] 2002-09-26 (PCT/HU2002/000096)
[87] 2003-04-03 (WO2003/027097)
[30] HU (P 0103912) 2001-09-27

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[51] **Int.Cl. 7H04L 29/06 7H04L 12/24**
[25] EN
[54] **METHOD AND SYSTEM FOR SESSION ACCOUNTING IN WIRELESS NETWORKS**
[54] **PROCEDE ET SYSTEME DE COMPTABILITE DE SESSIONS DANS DES RESEAUX SANS FIL**
[72] LI, YONG, CA
[72] JONES, MARK, CA
[71] BRIDGEWATER SYSTEMS CORPORATION, CA
[85] 2004-03-24
[86] 2002-09-30 (PCT/CA2002/001468)
[87] 2003-04-10 (WO2003/030483)
[30] CA (2,358,083) 2001-09-28

[21] **2,461,513**
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[51] **Int.Cl. 7B32B 3/00 7A01N 1/00 7B32B 3/02 7B44C 1/165**
[25] EN
[54] **PROVIDING AN IMAGE ON AN ORGANIC PRODUCT**
[54] **FORMATION D'UNE IMAGE SUR UN PRODUIT ORGANIQUE**
[72] WALKER, ROLAND N., US
[72] RODRIGUEZ, RENEE, US
[71] SPEAKING ROSES INTERNATIONAL, INC., US
[85] 2004-03-23
[86] 2002-09-19 (PCT/US2002/029771)
[87] 2003-04-03 (WO2003/027768)
[30] US (09/964,989) 2001-09-26

[21] **2,461,517**
[13] A1

[51] **Int.Cl. 7A61K 31/465 7A61K 9/20 7A61K 9/48**
[25] EN
[54] **NEW FORMULATIONS AND USE THEREOF**
[54] **NOUVELLES FORMULATIONS ET UTILISATION DE CES DERNIERES**
[72] LINDBERG, NILS-OLOF, SE
[71] PHARMACIA AB, SE
[85] 2004-03-24
[86] 2002-09-10 (PCT/SE2002/001611)
[87] 2003-04-03 (WO2003/026655)
[30] SE (0103211-9) 2001-09-27

[21] **2,461,527**
[13] A1

[51] **Int.Cl. 7G02B 6/16**
[25] EN
[54] **PHASE MASK DESIGN AND PHASE MASK FOR WRITING OPTICAL FIBRE BRAGG GRATINGS**
[54] **MODELE DE MASQUE DE PHASE ET MASQUE DE PHASE POUR L'ECRITURE DE RESEAUX DE BRAGG DE FIBRES OPTIQUES**
[72] ROTHENBERG, JOSHUA E., US
[72] WANG, YING, US
[72] SHENG, YUNLONG, US
[72] LI, HONGPU, US
[72] ZWEIBACK, JASON, US
[71] TERAXION INC., CA
[85] 2004-03-24
[86] 2003-01-22 (PCT/CA2003/000087)
[87] 2003-07-31 (WO2003/062880)
[30] US (10/056,575) 2002-01-23

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[13] A1

[51] **Int.Cl. 7G01N 30/00 7C07C 47/058 7B01J 39/06 7G01N 1/10 7C07C 45/79**
[25] EN
[54] **PROCESS FOR PRODUCTION OF COLLECTION COLUMNS FOR CARBONYL COMPOUNDS**
[54] **PROCEDE DE PRODUCTION DE COLONNES DE COLLECTE POUR COMPOSES CARBONYLES**
[72] KITASAKA, KAZUYA, JP
[72] SUGIHARA, KOICHI, JP
[71] SUMIKA CHEMICAL ANALYSIS SERVICE, LTD., JP
[85] 2004-03-24
[86] 2002-09-20 (PCT/JP2002/009664)
[87] 2003-04-03 (WO2003/027666)
[30] JP (2001-290843) 2001-09-25

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[13] A1

[51] **Int.Cl. 7H04L 1/18**
[25] EN
[54] **REALTIME MESSAGES FOR IDENTIFYING AND PREVENTING ERRORS DURING THE TRANSMISSION OF REALTIME-CRITICAL DATA**
[54] **MESSAGES EN TEMPS REEL POUR IDENTIFIER ET EVITER LES ERREURS LORS DE LA TRANSMISSION DE DONNEES CRITIQUES EN TEMPS REEL**
[72] KLOTZ, DIETER, DE
[72] BRUECKNER, DIETER, DE
[72] KRAUSE, KARL-HEINZ, DE
[72] SCHIMMER, JUERGEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-12 (PCT/DE2002/003406)
[87] 2003-04-03 (WO2003/028279)
[30] DE (101 47 426.1) 2001-09-26
[30] DE (102 28 822.4) 2002-06-27

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[13] A1

[51] **Int.Cl. 7A61F 2/24**
[25] EN
[54] **LOW-PROFILE HEART VALVE SEWING RING**
[54] **ANNEAU DE SUTURE EXTRA-PLAT DE VALVULE CARDIAQUE**
[72] JOHNSON, DERRICK, US
[72] HUYNH, VAN LE, US
[72] SCOTT, MICHAEL J., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2004-03-24
[86] 2001-09-26 (PCT/US2001/030079)
[87] 2003-05-01 (WO2003/034950)

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[13] A1

[51] **Int.Cl. 7A61M 1/00 7A61M 27/00**
[25] EN
[54] **A METHOD, A DEVICE, AND A SYSTEM FOR ORGAN RECONDITIONING AND A DEVICE FOR PRESERVING AN INTERNAL BODYORGAN**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE RECONDITIONNEMENT D'ORGANES ET DISPOSITIF DE CONSERVATION D'ORGANES INTERNES**
[72] SOLEM, JAN OTTO, CH
[72] INGEMANSSON, RICHARD, SE
[72] GUSTAFSSON, RONNY, SE
[71] SOLEM, JAN OTTO, CH
[71] INGEMANSSON, RICHARD, SE
[71] GUSTAFSSON, RONNY, SE
[85] 2004-03-22
[86] 2002-09-20 (PCT/EP2002/010623)
[87] 2003-04-10 (WO2003/028786)
[30] SE (0103222-6) 2001-09-28

[21] **2,461,534**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEMS AND METHODS TO FACILITATE PAYMENT FOR SHIPPED GOODS**
[54] **SYSTEMES ET PROCEDES DESTINES A FACILITER LE PAIEMENT DE MARCHANDISES EXPEDIEES**
[72] THOMPSON, MARK, US
[71] FIRST DATA CORPORATION, US
[85] 2004-03-24
[86] 2002-09-10 (PCT/US2002/028952)
[87] 2003-04-03 (WO2003/027794)
[30] US (09/965,667) 2001-09-26

[21] **2,461,535**
[13] A1

[51] **Int.Cl. 7A22C 25/00 7A22C 25/20 7A23L 1/325**
[25] EN
[54] **EDIBLE PROTEIN MATRIX AND METHOD FOR MAKING THE SAME**
[54] **MATRICE DE PROTEINE ALIMENTAIRE ET PROCEDE DE FABRICATION ASSOCIE**
[72] GALLOWAY, DAVID W., US
[71] PREMIER PACIFIC SEAFOODS, US
[85] 2004-03-25
[86] 2001-09-26 (PCT/US2001/030184)
[87] 2003-05-01 (WO2003/034829)

[21] **2,461,536**
[13] A1

[51] **Int.Cl. 7F25J 3/00**
[25] EN
[54] **A PROCESS AND APPARATUS FOR PURIFYING HYDROGEN BROMIDE**
[54] **PROCEDE ET APPAREIL DE PURIFICATION DE BROMURE D'HYDROGENE**
[72] HOLMER, ARTHUR EDWARD, US
[72] NATWORA, JAMES PHILIP, JR., US
[72] SALIM, SATERIA, US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2004-03-24
[86] 2002-09-16 (PCT/US2002/029247)
[87] 2003-04-03 (WO2003/027581)
[30] US (09/963,035) 2001-09-26

[21] **2,461,537**
[13] A1

[51] **Int.Cl. 7F16L 21/035 7F24F 13/02**
[25] EN
[54] **METHOD AND APPARATUS FOR COUPLING HVAC CONDUITS**
[54] **PROCEDE ET SYSTEME DE RACCORDEMENT DE CONDUITS CVC**
[72] THOMAS, JONATHAN, US
[72] THOMAS, BRADLEY, US
[71] HAMLIN SHEET METAL COMPANY, INCORPORATED, US
[85] 2004-03-24
[86] 2002-09-23 (PCT/US2002/030072)
[87] 2003-04-03 (WO2003/027559)
[30] US (09/961,731) 2001-09-24

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[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **UNIQUE ON-LINE PROVISIONING OF USER TERMINALS ALLOWING USER AUTHENTICATION**
[54] **APPROVISIONNEMENT EN LIGNE UNIQUE DE TERMINAUX UTILISATEURS PERMETTANT UNE AUTHENTICATION D'UTILISATEUR**
[72] PETERKA, PETR, US
[72] MORONEY, PAUL, US
[72] MEDVINSKY, ALEXANDER, US
[71] GENERAL INSTRUMENT CORPORATION, US
[85] 2004-03-24
[86] 2002-09-20 (PCT/US2002/030128)
[87] 2003-04-03 (WO2003/028330)
[30] US (09/966,552) 2001-09-26

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[13] A1

[51] **Int.Cl. 7H04Q 3/68 7G06F 15/78**
[25] EN
[54] **A RECONFIGURABLE INTEGRATED CIRCUIT WITH A SCALABLE ARCHITECTURE**
[54] **CIRCUIT INTEGRE RECONFIGURABLE A ARCHITECTURE SCALAIRE**
[72] REBLEWSKI, FREDERIC, FR
[72] LEPAPE, OLIVIER, FR
[71] M2000, FR
[85] 2004-03-23
[86] 2002-10-02 (PCT/EP2002/011075)
[87] 2003-04-17 (WO2003/032492)
[30] US (09/971,349) 2001-10-04

[21] **2,461,541**
[13] A1

[51] **Int.Cl. 7H04B 10/155 7H04J 14/02**
[25] EN
[54] **OPTICAL SIGNAL TRANSMISSION**
[54] **EMISSION DE SIGNAUX OPTIQUES**
[72] HARPER, PAUL, GB
[72] CHARBONNIER, BENOIT, GB
[72] ALLESTON, STEVEN, GB
[72] NESSET, DEREK, GB
[71] MARCONI UK INTELLECTUAL PROPERTY LIMITED, GB
[85] 2004-03-23
[86] 2002-09-11 (PCT/GB2002/004125)
[87] 2003-04-17 (WO2003/032532)
[30] GB (0124234.6) 2001-10-09

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[13] A1

[51] **Int.Cl. 7C22C 32/00 7A01L 1/00 7A01L 3/00 7C22C 29/14 7G11B 5/82**
[25] EN
[54] **METAL MATRIX COMPOSITES OF ALUMINUM, MAGNESIUM AND TITANIUM USING SILICON HEXABORIDE, CALCIUM HEXABORIDE, SILICON TETRABORIDE, AND CALCIUM TETRABORIDE**
[54] **COMPOSITES A MATRICE METALLIQUE D'ALUMINIUM, DE MAGNESIUM ET DE TITANE PRODUITS A BASE D'HEXABORURE DE SILICIUM, D'HEXABORURE DE CALCIUM, DE TETRABORURE DE SILICIUM ET DE TETRABORURE DE CALCIUM**
[72] WEAVER, SAMUEL C., US
[71] SAFFIL LIMITED, GB
[85] 2004-03-23
[86] 2002-09-23 (PCT/IB2002/004269)
[87] 2003-05-01 (WO2003/035919)
[30] US (09/961,523) 2001-09-24
[30] US (10/141,320) 2002-05-08

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[13] A1

[51] **Int.Cl. 7A61K 31/499 7A61K 45/00 7A61P 43/00 7C07D 471/10 7A61K 31/5377**
[25] EN
[54] **DRUGS COMPRISING COMBINATION OF TRIAZASPIRO[5,5]UNDECANE DERIVATIVE WITH CYTOCHROME P450 ISOZYME 3A4 INHIBITOR AND/OR P-GLYCOPROTEIN INHIBITOR**
[54] **MEDICAMENTS COMPRENANT UNE COMBINAISON DE DERIVES DE TRIAZASPIRO[5,5]UNDECANE ET D'UN INHIBITEUR 3A4 D'ISOENZYME P450 CYTOCHROME ET/OU D'UN INHIBITEUR DE P-GLYCOPROTEINE**
[72] TAKAOKA, YOSHIKAZU, JP
[72] SHIBAYAMA, SHIRO, JP
[72] IMAWAKA, HARUO, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
[85] 2004-03-23
[86] 2002-03-18 (PCT/JP2002/002552)
[87] 2003-05-01 (WO2003/035074)
[30] JP (2001-324435) 2001-10-23

[21] **2,461,546**
[13] A1

[51] **Int.Cl. 7A01N 43/54 7A01N 57/20**
[25] EN
[54] **HERBICIDE COMPOSITION**
[54] **COMPOSITION HERBICIDE**
[72] MITO, NOBUAKI, JP
[72] SHIBUYA, SHINSUKE, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2004-03-23
[86] 2002-04-26 (PCT/JP2002/004193)
[87] 2003-04-10 (WO2003/028462)
[30] JP (2001-300861) 2001-09-28

[21] **2,461,547**
[13] A1

[51] **Int.Cl. 7A01N 43/54 7A01N 43/653 7A01N 43/84**
[25] EN
[54] **HERBICIDE COMPOSITION**
[54] **COMPOSITION HERBICIDE**
[72] SHIBUYA, SHINSUKE, JP
[72] MITO, NOBUAKI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2004-03-23
[86] 2002-04-26 (PCT/JP2002/004194)
[87] 2003-04-10 (WO2003/028463)
[30] JP (2001-300862) 2001-09-28

[21] **2,461,548**
[13] A1

[51] **Int.Cl. 7A01N 43/54 7A01N 33/22**
[25] EN
[54] **HERBICIDE COMPOSITION**
[54] **COMPOSITION HERBICIDE**
[72] SHIBUYA, SHINSUKE, JP
[72] MITO, NOBUAKI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2004-03-23
[86] 2002-04-26 (PCT/JP2002/004195)
[87] 2003-04-10 (WO2003/028464)
[30] JP (2001-300872) 2001-09-28

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[21] **2,461,550**
[13] A1

[51] **Int.Cl. 7C07C 43/23 7A61P 9/00**
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7C07C 41/46 7A61K 47/46

[25] EN
[54] **STABILIZED COMPOSITIONS OF AQUEOUS REDUCED COENZYME Q SOLUTION**
[54] **COMPOSITIONS STABILISEES DE SOLUTION DE COENZYME Q REDUITE AQUEUSE**

[72] HIDAKA, TAKAYOSHI, JP
[72] HOSOE, KAZUNORI, JP
[72] FUJII, KENJI, JP
[72] KAWABE, TAIZO, JP
[71] KANEKA CORPORATION, JP
[85] 2004-03-23
[86] 2002-10-10 (PCT/JP2002/010516)
[87] 2003-04-24 (WO2003/033445)
[30] JP (2001-312181) 2001-10-10

[21] **2,461,551**
[13] A1

[51] **Int.Cl. 7D03D 15/00 7D01D 5/253**
[25] EN
[54] **FLAT MULTIFILAMENT-YARN TEXTILE**
[54] **TEXTILE COMPRENANT DES FILS A FILAMENTS MULTIPLES ET PLATS**

[72] TOHDO, RYO, JP
[72] MINATO, SHUJI, JP
[72] KITAGAWA, MOTOHIRO, JP
[71] TEIJIN FIBERS LIMITED, JP
[85] 2004-03-23
[86] 2003-07-22 (PCT/JP2003/009277)
[87] 2004-01-29 (WO2004/009889)
[30] JP (2002-214953) 2002-07-24
[30] JP (2002-216419) 2002-07-25
[30] JP (2002-327949) 2002-11-12

[21] **2,461,552**
[13] A1

[51] **Int.Cl. 7A61M 1/16**
[25] EN
[54] **METHOD OF OPERATING A DIALYSIS MACHINE**
[54] **PROCEDE POUR FAIRE FONCTIONNER UN DIALYSEUR**

[72] FELDING, ANDERS, SE
[71] GAMBRO LUNDIA AB, SE
[85] 2004-03-23
[86] 2002-11-22 (PCT/SE2002/002145)
[87] 2003-05-30 (WO2003/043680)
[30] SE (0103907-2) 2001-11-23

[21] **2,461,553**
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61K 7/00**
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[25] EN
[54] **WATER-IN-OIL EMULSIONS COMPRISING VINYL POLYMERS CARRYING ACIDIC GROUPS IN SIDE CHAINS, COMPOSITIONS, AND METHODS**
[54] **EMULSIONS EAU DANS HUILE COMPRENANT DES POLYMERES DE VINYLE PORTANT DES GROUPES ACIDES DANS DES CHAINES LATERALES, COMPOSITIONS ET PROCEDES ASSOCIES**

[72] EIAN, GILBERT L., US
[72] LU, LING, US
[72] SCHOLZ, MATTHEW T., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-03-23
[86] 2002-07-19 (PCT/US2002/022991)
[87] 2003-04-10 (WO2003/028766)
[30] US (09/967,578) 2001-09-28

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[13] A1

[51] **Int.Cl. 7B65D 19/32**
[25] EN
[54] **PALLET**
[54] **PALETTE**

[72] SMYERS, JUSTIN M., US
[71] REHRIG PACIFIC COMPANY, US
[85] 2004-03-23
[86] 2002-09-30 (PCT/US2002/030856)
[87] 2003-04-10 (WO2003/028431)
[30] US (09/970,267) 2001-10-03

[21] **2,461,555**
[13] A1

[51] **Int.Cl. 7A61K 9/22**
[25] EN
[54] **SYSTEM FOR ADMINISTERING A DRUG DELIVERY DEVICE**
[54] **SYSTEME PERMETTANT DE FOURNIR UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**

[72] MARKWARDT, KERRY, US
[72] HOWIE, JANET, US
[72] RODSTROM, THERON R., US
[71] ALCON, INC., CH
[85] 2004-03-23
[86] 2002-09-30 (PCT/US2002/030860)
[87] 2003-05-01 (WO2003/035136)
[30] US (10/037,345) 2001-10-23

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[13] A1

[51] **Int.Cl. 7A61K 31/55 7C07D 323/00**
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[25] EN
[54] **NOVEL PRODRUGS OF N-H BOND-CONTAINING COMPOUNDS AND METHODS OF MAKING THEREOF**
[54] **NOUVEAUX PROMEDICAMENTS DE COMPOSES CONTENANT DES LIAISONS N-H ET LEURS PROCEDES DE PREPARATION**

[72] GUARINO, VICTOR R., US
[72] STELLA, VALENTINO J., US
[72] KARUNARATNE, VERANJA, US
[71] UNIVERSITY OF KANSAS, US
[85] 2004-03-23
[86] 2002-10-16 (PCT/US2002/032957)
[87] 2003-04-24 (WO2003/032908)
[30] US (60/329,868) 2001-10-16

[21] **2,461,558**
[13] A1

[51] **Int.Cl. 7B01D 61/46 7B01J 47/08**
7C02F 1/469 7B01D 61/48 7B01D 61/50

[25] EN
[54] **APPARATUS FOR FLUID PURIFICATION AND METHODS OF MANUFACTURE AND USE THEREOF**
[54] **APPAREIL DESTINE A LA PURIFICATION DE LIQUIDES ET PROCEDES DE FABRICATION DE CE DERNIER**

[72] MONTMINY, EMILE, US
[72] LIANG, LI-SHANG, US
[71] UNITED STATES FILTER CORPORATION, US
[85] 2004-03-23
[86] 2002-10-15 (PCT/US2002/033111)
[87] 2003-04-24 (WO2003/033122)
[30] US (60/329,296) 2001-10-15

[21] **2,461,559**
[13] A1

[51] **Int.Cl. 7A47F 7/00**
[25] EN
[54] **WEDGELOCK SYSTEM**
[54] **SYSTEME DE COIN DE SERRAGE**

[72] CARRARA, ANTHONY, US
[72] DANIELLO, PAUL A., US
[72] MIRABILE, JOSEPH A., US
[71] RAYTHEON COMPANY, US
[85] 2004-03-23
[86] 2003-02-06 (PCT/US2003/003714)
[87] 2003-08-14 (WO2003/067942)
[30] US (10/071,710) 2002-02-07

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[21] **2,461,560**
[13] A1

[51] **Int.Cl. 7A61K 47/00**
[25] EN
[54] **INHIBITION OF NEONATAL HYPERBILIRUBINEMIA IN BREAST FED INFANTS**
[54] **INHIBITION D'HYPERBILIRUBINEMIE NEONATALE CHEZ DES NOURRISSONS**
[72] GOURLEY, GLENN R., US
[72] KREAMER, BILL L., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2004-03-23
[86] 2002-08-09 (PCT/US2002/025379)
[87] 2003-04-10 (WO2003/028763)
[30] US (09/967,670) 2001-09-28

[21] **2,461,561**
[13] A1

[51] **Int.Cl. 7G09G 5/00**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING TACTICAL INFORMATION DURING CRISIS SITUATIONS**
[54] **PROCEDE ET SYSTEME DE FOURNITURE D'INFORMATIONS TACTIQUES EN SITUATION DE CRISE**
[72] LARSEN, STEVE, US
[71] TACTICAL SURVEY GROUP, INC., US
[85] 2004-03-22
[86] 2002-08-09 (PCT/US2002/025413)
[87] 2003-04-03 (WO2003/028002)
[30] US (60/326,537) 2001-09-24
[30] US (10/190,230) 2002-07-03

[21] **2,461,563**
[13] A1

[51] **Int.Cl. 7A61P 3/10 7A61P 37/00**
[25] EN
[54] **FLAVONOIDS FOR TREATMENT OF DIABETES**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU DIABETE**
[72] ZIEGLER, RANDY H., US
[71] ZIEGLER, RANDY H., US
[85] 2004-03-25
[86] 2002-09-25 (PCT/US2002/030341)
[87] 2003-04-03 (WO2003/026561)
[30] US (09/967,030) 2001-09-27

[21] **2,461,565**
[13] A1

[51] **Int.Cl. 7C07D 477/24 7A61P 31/00**
[25] EN
[54] **PROCESS FOR MAKING CARBAPENEM COMPOUNDS**
[54] **PROCESSUS DE FABRICATION DE COMPOSES CARBAPENEME**
[72] DOLLING, ULF, US
[72] KUKURA, JOSEPH II, US
[72] CVETOVICH, RAYMOND, US
[72] CROCKER, LOUIS, US
[72] WENSLow, ROBERT, US
[72] SIDLER, DANIEL, US
[72] TUNG, HSIEN-HSIN, US
[72] WILLIAMS, JOHN M., US
[72] JOHNSON, BRIAN K., US
[71] MERCK & CO., INC., US
[85] 2004-03-18
[86] 2002-09-20 (PCT/US2002/029879)
[87] 2003-04-03 (WO2003/027067)
[30] US (60/325,130) 2001-09-26

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[13] A1

[51] **Int.Cl. 7B64F 1/00**
[25] EN
[54] **METHOD OF BOARDING PASSENGERS ON REGIONAL AIRCRAFT AND TRANSFERRING PASSENGERS BETWEEN A REGIONAL AIRCRAFT AND LARGER AIRCRAFT**
[54] **PROCEDE POUR FAIRE EMBARQUER DES PASSAGERS SUR UN AVION REGIONAL ET TRANSFERER DES PASSAGERS D'UN AVION REGIONAL A UN AVION PLUS GRAND**
[72] PETERSON, ROB, US
[71] PETERSON, ROB, US
[85] 2004-03-18
[86] 2002-09-19 (PCT/US2002/029650)
[87] 2003-04-03 (WO2003/026963)
[30] US (09/960,799) 2001-09-21

[21] **2,461,567**
[13] A1

[51] **Int.Cl. 7C07D 231/56 7A61P 29/00 7A61P 43/00 7A61K 31/415**
[25] EN
[54] **SUBSTITUTED PYRAZOLYL BENZENESULFAMIDE COMPOUNDS FOR THE TREATMENT OF INFLAMMATION**
[54] **COMPOSES SUBSTITUES DE SULFAMIDE BENZENE DE PYRAZOLYL DESTINES AU TRAITEMENT DES INFLAMMATIONS**
[72] METZ, SUZANNE, US
[72] LIAO, SHUYUAN, US
[72] CLARE, MICHAEL, US
[72] GENG, LIFENG, US
[72] WEIER, RICHARD M., US
[72] IULA, DONNA M., US
[72] STEALEY, MICHAEL A., US
[72] HUANG, HE, US
[72] HANSON, GUNNAR J., US
[72] VAZQUEZ, MICHAEL L., US
[71] PHARMACIA CORPORATION, US
[85] 2004-03-18
[86] 2002-09-19 (PCT/US2002/029673)
[87] 2003-04-03 (WO2003/027075)
[30] US (60/323,230) 2001-09-19

[21] **2,461,568**
[13] A1

[51] **Int.Cl. 7C21C 5/52**
[25] EN
[54] **ARC FURNACE AND METHOD FOR OPERATING THIS ARC FURNACE**
[54] **FOUR A ARC ET PROCEDE POUR FAIRE FONCTIONNER CE FOUR A ARC**
[72] HEINRICH, PETER, DE
[72] SCHUBERT, MANFRED, DE
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-03 (PCT/EP2002/009794)
[87] 2003-04-10 (WO2003/029499)
[30] DE (101 47 543.8) 2001-09-26
[30] DE (102 23 906.1) 2002-05-29

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[21] **2,461,569**
[13] A1

[51] **Int.Cl. 7B22D 11/115**
[25] EN
[54] **ELECTROMAGNETIC BRAKING DEVICE FOR THE MOLD OF A CONTINUOUS CASTING APPARATUS**
[54] **DISPOSITIF DE FREINAGE ELECTROMAGNETIQUE DESTINE A LA COQUILLE D'UNE INSTALLATION DE COULEE CONTINUE**
[72] EBERWEIN, KLAUS-PETER, DE
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-07 (PCT/EP2002/010029)
[87] 2003-04-10 (WO2003/028925)
[30] DE (101 46 993.4) 2001-09-25

[21] **2,461,570**
[13] A1

[51] **Int.Cl. 7C08F 20/34 7G11B 7/24 7C08F 8/30 7C08F 8/34 7C08F 20/58**
[25] EN
[54] **REINSCRIBABLE OPTICAL RECORDING MATERIAL EXHIBITING GOOD SOLUBILITY**
[54] **MATERIAU D'ENREGISTREMENT OPTIQUE REINSCRIPTIBLE PRESENTANT UNE BONNE SOLUBILITE**
[72] BIERINGER, THOMAS, DE
[72] BERNETH, HORST, DE
[72] KOSTROMINE, SERGUEI, DE
[72] HAGEN, RAINER, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-18 (PCT/EP2002/010446)
[87] 2003-04-10 (WO2003/029311)
[30] DE (101 47 723.6) 2001-09-27
[30] DE (102 23 648.8) 2002-05-28

[21] **2,461,572**
[13] A1

[51] **Int.Cl. 7C07D 471/04 7A61P 35/00 7A61K 31/4745**
[25] EN
[54] **POLYCYCLIC COMPOUNDS HAVING ANTI-TUMOR ACTIVITY**
[54] **COMPOSES POLYCYCLIQUES A ACTIVITE ANTITUMORALE**
[72] SAKATA, KIYOAKI, JP
[72] OHTSUKA, TATSUO, JP
[72] MASUBUCHI, MIYAKO, JP
[72] AOYAMA, TSUNEHISA, JP
[72] KAWASAKI, KENICHI, JP
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2004-03-24
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[87] 2003-04-17 (WO2003/031444)
[30] EP (01123908.4) 2001-10-05

[21] **2,461,573**
[13] A1

[51] **Int.Cl. 7A61L 15/60 7A61L 15/46**
[25] EN
[54] **POLYMER MIXTURE OF HYDROGELS WITH DIFFERENT PH VALUE**
[54] **HYDROGELS A CENTRES ACIDES, A HAUTE CAPACITE DE GONFLEMENT**
[72] HERFERT, NORBERT, US
[72] FUNK, RUEDIGER, DE
[72] WANIOR, MARIOLA, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-26 (PCT/EP2002/010793)
[87] 2003-04-10 (WO2003/028778)
[30] DE (101 48 565.4) 2001-10-01

[21] **2,461,574**
[13] A1

[51] **Int.Cl. 7C07C 217/58**
[25] EN
[54] **PROCESS FOR PREPARING VANILLYLAMINE HYDROCHLORIDE**
[54] **PROCEDE DE PREPARATION D'HYDROCHLORURE DE VANILLYLAMINE**
[72] MEYER, OLIVER, DE
[72] HEDDESHEIMER, INGO, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2004-03-24
[86] 2002-09-26 (PCT/EP2002/010803)
[87] 2003-04-10 (WO2003/029208)
[30] DE (101 47 958.1) 2001-09-28

[21] **2,461,576**
[13] A1

[51] **Int.Cl. 7A61K 9/28 7A61K 31/198 7A61K 31/7076**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF TABLETS COMPRISING S-ADENOSYLMETHIONINE**
[54] **PROCEDE DE PREPARATION DE TABLETTES COMPRENANT DE LA S-ADENOSYLMETHIONINE**
[72] CIANFARANI, GIUSEPPE, IT
[71] GNOSIS SRL, IT
[85] 2004-03-24
[86] 2002-10-18 (PCT/EP2002/011680)
[87] 2003-05-30 (WO2003/043608)
[30] IT (MI2001A002462) 2001-11-22

[21] **2,461,577**
[13] A1

[51] **Int.Cl. 7C07D 501/00 7A61P 31/00 7A61K 31/545 7C07D 501/59**
[25] EN
[54] **NOVEL C-3 S/O- AND S/N FORMALDEHE ACETAL DERIVATIVES OF CEPHALOSPORINS AND THEIR USE AS ANTIBIOTICS**
[54] **NOUVEAUX DERIVES ACETAL DE FORMALDEHYDE C-3 S/O- ET S/N DE CEPHALOSPORINES ET LEUR UTILISATION EN TANT QU'ANTIBIOTIQUES**
[72] PFAENDLER, HANS, RUDOLF, DE
[72] JENNI, WOLFGANG, DE
[71] PFAENDLER, HANS, RUDOLF, DE
[85] 2004-03-24
[86] 2002-11-04 (PCT/EP2002/012257)
[87] 2003-05-22 (WO2003/042219)
[30] EP (01 12 6490.0) 2001-11-12

[21] **2,461,578**
[13] A1

[51] **Int.Cl. 7C01B 31/02**
[25] EN
[54] **SHORT CARBON NANOTUBES**
[54] **NANOTUBES DE CARBONE COURTS**
[72] RYZHKOV, VLADISLAV ANDREEVITCH, CY
[71] ROSETER HOLDINGS LTD, CY
[85] 2004-03-24
[86] 2002-09-30 (PCT/GB2002/004404)
[87] 2003-04-10 (WO2003/029141)
[30] GB (0123508.4) 2001-10-01
[30] GB (0206442.6) 2002-03-19

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[21] **2,461,580**
[13] A1

[51] **Int.Cl. 7H04L 1/18**
[25] EN
[54] **METHOD AND APPARATUS FOR EFFICIENT USE OF COMMUNICATION RESOURCES IN A CDMA COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR UNE UTILISATION EFFICACE DE RESSOURCES DE COMMUNICATION DANS UN SYSTEME DE COMMUNICATION AMRC**
[72] CHEN, TAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-03-24
[86] 2002-09-24 (PCT/US2002/030344)
[87] 2003-04-03 (WO2003/028277)
[30] US (09/965,189) 2001-09-28

[21] **2,461,581**
[13] A1

[51] **Int.Cl. 7B41J 2/14**
[25] EN
[54] **FLUID DROP CARTRIDGE**
[54] **CARTOUCHE DE GOUTTES DE FLUIDE**
[72] DRIGGERS, MATT G., US
[72] STATHEM, RALPH L., US
[72] MAHONEY, PATRICK G., US
[72] BROWNING, ROBERT N. K., US
[72] TUCKER, MARK DANIEL, US
[71] HEWLETT-PACKARD COMPANY, US
[85] 2004-03-24
[86] 2002-08-27 (PCT/US2002/027349)
[87] 2003-05-01 (WO2003/035400)
[30] US (09/967,567) 2001-09-28

[21] **2,461,584**
[13] A1

[51] **Int.Cl. 7H04J 3/02 7H04Q 11/04 7H04J 3/14 7H03J 3/24**
[25] EN
[54] **METHOD FOR SUPPORTING ETHERNET MAC CIRCUITS**
[54] **PROCEDE PERMETTANT D'ACCUEILLIR DES CIRCUITS A COMMANDE D'ACCES AU SUPPORT (MAC) ETHERNET**
[72] GONDA, RUMI SHERYAR, US
[71] GONDA, RUMI SHERYAR, US
[85] 2004-03-24
[86] 2002-09-24 (PCT/US2002/030596)
[87] 2003-04-03 (WO2003/027807)
[30] US (60/324,847) 2001-09-24

[21] **2,461,595**
[13] A1

[51] **Int.Cl. 7G01C 21/16 7G01S 5/14**
[25] FR
[54] **CENTRALE DE NAVIGATION INERTIELLE HYBRIDE A INTEGRITE AMELIOREE**
[54] **HYBRID INERTIAL NAVIGATION SYSTEM WITH IMPROVED INTEGRITY**
[72] COATANTIEC, JACQUES, FR
[72] GUILLARD, PRITICE, FR
[71] THALES, FR
[85] 2004-03-24
[86] 2002-09-24 (PCT/FR2002/003258)
[87] 2003-04-10 (WO2003/029755)
[30] FR (01/12546) 2001-09-28

[21] **2,461,597**
[13] A1

[51] **Int.Cl. 7F16H 48/12**
[25] EN
[54] **LOCKING DIFFERENTIAL INCLUDING IMPROVED CLUTCH MEMBER AND ADAPTER SLEEVE**
[54] **DIFFERENTIEL A BLOCAGE, AVEC ELEMENTS D'EMBRAYAGE ET MANCHON DE SERRAGE AMELIORES**
[72] DISSETT, WALTER L., US
[72] VALENTE, PAUL J., US
[71] TRACTECH INC., US
[85] 2004-03-25
[86] 2002-10-02 (PCT/US2002/029835)
[87] 2003-04-10 (WO2003/029672)
[30] US (09/969,626) 2001-10-04

[21] **2,461,599**
[13] A1

[51] **Int.Cl. 7G01N 21/31**
[25] FR
[54] **DISPOSITIF DE MESURE DES CARACTERISTIQUES D'ABSORPTION LUMINEUSE D'UN ECHANTILLON DE TISSU BIOLOGIQUE**
[54] **DEVICE FOR MEASURING LIGHT ABSORPTION CHARACTERISTICS OF A BIOLOGICAL TISSUE SAMPLE**
[72] CEROVIC, ZORAN, FR
[72] MOYA, ISMAEEL, FR
[72] GOULAS, YVES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2004-03-24
[86] 2002-08-20 (PCT/FR2002/002912)
[87] 2003-04-10 (WO2003/029791)
[30] FR (01/12551) 2001-09-28

[21] **2,461,602**
[13] A1

[51] **Int.Cl. 7H05G 1/52**
[25] EN
[54] **COMPUTED TOMOGRAPHY WITH VIRTUAL TILT AND ANGULATION**
[54] **TOMODENSITOMETRIE A INCLINAISON ET ANGULATION VIRTUELLES**
[72] MOORE, JOHN F., US
[71] BIO-IMAGING RESEARCH, INC., US
[85] 2004-03-25
[86] 2002-09-23 (PCT/US2002/030053)
[87] 2003-04-10 (WO2003/028430)
[30] US (09/966,165) 2001-09-28

[21] **2,461,603**
[13] A1

[51] **Int.Cl. 7C07D 233/54 7C07D 249/04 7C07D 413/04 7C07D 209/08 7C07D 249/08 7C07D 231/12 7C07D 401/12 7C07D 403/12 7C07D 209/14 7C07D 235/14 7C07D 413/14 7C07D 417/14 7C07D 207/26 7C07D 207/32 7C07D 211/76**
[25] EN
[54] **SUBSTITUTED AMINES FOR THE TREATMENT OF NEUROLOGICAL DISORDERS**
[54] **AMINES SUBSTITUEES POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] TUCKER, JOHN ALAN, US
[72] JOHN, VARGHESE, US
[72] GAILUNAS, ANDREA, US
[71] ELAN PHARMACEUTICALS, INC., US
[85] 2004-03-24
[86] 2002-09-24 (PCT/US2002/030231)
[87] 2003-04-03 (WO2003/027068)
[30] US (60/324,407) 2001-09-24

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[21] **2,461,612**
[13] A1

[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **SYSTEM FOR SUPPORTING CLINICAL DECISION MAKING THROUGH THE MODELING OF ACQUIRED PATIENT MEDICAL INFORMATION**
[54] **SYSTEME D'AIDE A LA DECISION CLINIQUE PAR MODELISATION DE L'INFORMATION MEDICALE ACQUISE SUR DES PATIENTS**
[72] ZALESKI, JOHN R., US
[71] SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION, US
[85] 2004-03-24
[86] 2002-09-24 (PCT/US2002/030277)
[87] 2003-04-10 (WO2003/030077)
[30] US (60/326,624) 2001-10-02
[30] US (10/247,711) 2002-09-19

[21] **2,461,615**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **ELECTRONIC ACKNOWLEDGMENT OF RECEIPT OF INVENTORY**
[54] **CONFIRMATION ELECTRONIQUE DE LA RECEPTION D'UN INVENTAIRE**
[72] OWEN, DAVID A., US
[72] STOUTENBURG, EARNEY E., US
[72] BAUMGARTNER, DAVID R., US
[72] ANUSZEWSKI, THERESA L., US
[72] KINNEY, ROSS G., US
[71] FIRST DATA CORPORATION, US
[85] 2004-03-24
[86] 2002-09-11 (PCT/US2002/028969)
[87] 2003-04-03 (WO2003/028226)
[30] US (09/965,083 (CIP)) 2001-09-26

[21] **2,461,620**
[13] A1

[51] **Int.Cl. 7B65D 45/02 7B65D 53/02 7B65D 45/32**
[25] EN
[54] **GASKETLESS DRUM**
[54] **FUT SANS JOINT**
[72] MASLOWSKI, EDWARD M., US
[71] GREIF, INC., US
[85] 2003-12-19
[86] 2002-07-02 (PCT/US2002/020603)
[87] 2003-01-16 (WO2003/004371)
[30] US (09/899,270) 2001-07-06

[21] **2,461,646**
[13] A1

[51] **Int.Cl. 7H01H 3/00 7H01H 33/66**
[25] EN
[54] **TERMINAL PAD FOR AN INSULATOR ASSEMBLY**
[54] **PLAGE DE CONNEXION POUR ENSEMBLE ISOLATEUR**
[72] ROBERTS, GERALD B., US
[71] HUBBELL INCORPORATED, US
[85] 2004-03-24
[86] 2002-09-20 (PCT/US2002/029728)
[87] 2003-04-03 (WO2003/028055)
[30] US (09/961,402) 2001-09-25

[21] **2,461,649**
[13] A1

[51] **Int.Cl. 7H04B 7/26 7H04L 12/56**
[25] EN
[54] **CEASING TRANSMISSION OF DATA RATE CONTROL INFORMATION IN A CDMA COMMUNICATION SYSTEM WHEN THE MOBILE STATION TRANSITS TO THE IDLE OPEN STATE**
[54] **INTERRUPTION DE LA TRANSMISSION D'INFORMATIONS DE COMMANDE DU TAUX DE TRANSFERT DANS UN SYSTEME DE TELECOMMUNICATIONS CDMA LORSQUE LA STATION MOBILE PASSE A L'ETAT OUVERT DE REPOS**
[72] JOU, YU-CHEUN, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-03-24
[86] 2002-09-24 (PCT/US2002/030438)
[87] 2003-04-03 (WO2003/028251)
[30] US (09/965,205) 2001-09-25

[21] **2,461,650**
[13] A1

[51] **Int.Cl. 7G06K 19/00**
[25] EN
[54] **SMART DOCUMENTS**
[54] **DOCUMENTS INTELLIGENTS**
[72] AL AMRI, MOOSA EISA, AE
[71] AL AMRI, MOOSA EISA, AE
[85] 2004-03-24
[86] 2002-10-02 (PCT/IB2002/004077)
[87] 2003-04-10 (WO2003/030094)
[30] AE (279/2001) 2001-10-02
[30] IB (PCT/IB02/02830) 2002-07-16

[21] **2,461,669**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR EVALUATING REAL ESTATE FINANCING STRUCTURES**
[54] **SYSTEME ET PROCEDE POUR EVALUER LES STRUCTURES DE FINANCEMENT DE L'IMMOBILIER**
[72] BRAUN, WILLIAM J., US
[72] DMYTRYK, ROBERT, US
[71] JONES LANG LASALLE, IP, INC., US
[85] 2004-03-24
[86] 2002-08-15 (PCT/US2002/026113)
[87] 2003-02-27 (WO2003/017057)
[30] US (09/930,913) 2001-08-15

[21] **2,461,670**
[13] A1

[51] **Int.Cl. 7C07D 209/10 7A61P 29/00 7C07D 209/30 7C07D 209/36 7A61K 31/404**
[25] EN
[54] **INDOLE DERIVATIVES AS COX II INHIBITORS**
[54] **DERIVES D'INDOLE UTILES COMME INHIBITEURS DE COX II**
[72] BROKA, CHRIS ALLEN, US
[72] CAMPBELL, JEFFREY ALLEN, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2004-03-25
[86] 2002-09-20 (PCT/EP2002/010557)
[87] 2003-04-10 (WO2003/029212)
[30] US (60/325,389) 2001-09-27

[21] **2,461,671**
[13] A1

[51] **Int.Cl. 7F16B 33/00 7F16B 19/00 7C09K 3/10**
[25] EN
[54] **PREMIXED AND FROZEN SEAL CAPS**
[54] **BOUCHONS D'ETANCHEITE A MATERIAUX PRE-MELANGES ET CONGELES**
[72] OBUHOWICH, GEORGE, CA
[71] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2004-03-24
[86] 2002-09-26 (PCT/US2002/028142)
[87] 2003-04-10 (WO2003/029665)
[30] US (60/326,391) 2001-09-28

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[21] **2,461,672**
[13] A1

[51] **Int.Cl. 7C08F 212/08 7C08F 236/06**
[25] EN
[54] **METHOD FOR PRODUCING AQUEOUS STYRENE-BUTADIENE POLYMER DISPERSIONS**
[54] **PROCEDE DE PREPARATION DE DISPERSIONS AQUEUSES DE POLYMERES STYRENE-BUTADIENE**
[72] KROENER, HUBERTUS, DE
[72] WIRTH, THOMAS, DE
[72] GASCHLER, WOLFGANG, DE
[72] MANDERS, LAMBERTUS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-03-25
[86] 2002-09-30 (PCT/EP2002/010966)
[87] 2003-04-10 (WO2003/029313)
[30] DE (101 48 497.6) 2001-10-01

[21] **2,461,673**
[13] A1

[51] **Int.Cl. 7E21B 43/10 7E21B 43/08 7E21B 17/10**
[25] EN
[54] **PROFILED ENCAPSULATION FOR USE WITH INSTRUMENTED EXPANDABLE TUBULAR COMPLETIONS**
[54] **ENCAPSULATION PROFILEE A UTILISER AVEC DES COMPLETIONS TUBULAIRES EXTENSIBLES INSTRUMENTEES**
[72] CAMERON, JOHN ALASDAIR
MACDONALD, GB
[71] WEATHERFORD/LAMB, INC., US
[85] 2004-03-25
[86] 2002-09-23 (PCT/GB2002/004303)
[87] 2003-04-03 (WO2003/027435)
[30] US (09/964,160) 2001-09-26

[21] **2,461,674**
[13] A1

[51] **Int.Cl. 7A61L 15/28 7A61F 13/56**
[25] EN
[54] **ABSORBENT ARTICLES WITH POLYSACCHARIDE-COMPRISING WINGS**
[54] **ARTICLES ABSORBANTS EQUIPES D'AILETTES CONTENANT UN POLYSACCHARIDE**
[72] DI CINTIO, ACHILLE, IT
[72] PESCE, ANTONELLA, IT
[72] CARLUCCI, GIOVANNI, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-03-24
[86] 2002-09-27 (PCT/US2002/030642)
[87] 2003-04-17 (WO2003/030952)
[30] EP (01123974.6) 2001-10-08

[21] **2,461,675**
[13] A1

[51] **Int.Cl. 7C08F 212/08 7C08F 236/10**
[25] EN
[54] **METHOD FOR PRODUCING AQUEOUS STYRENE-BUTADIENE POLYMER DISPERSIONS II**
[54] **PROCEDE POUR PRODUIRE DES DISPERSIONS AQUEUSES DE POLYMERES STYRENE-BUTADIENE - II**
[72] KROENER, HUBERTUS, DE
[72] MANDERS, LAMBERTUS, DE
[72] WIRTH, THOMAS, DE
[72] GASCHLER, WOLFGANG, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-03-25
[86] 2002-09-30 (PCT/EP2002/010967)
[87] 2003-04-10 (WO2003/029314)
[30] DE (101 48 496.8) 2001-10-01

[21] **2,461,676**
[13] A1

[51] **Int.Cl. 7G06F 9/00 7H04B 17/00 7H04Q 7/00 7H04B 7/005 7H04Q 11/04 7H04J 3/16**
[25] EN
[54] **BURST DETECTOR**
[54] **DETECTEUR DE RAFALES**
[72] DIFAZIO, ROBERT A., US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2004-03-24
[86] 2002-09-26 (PCT/US2002/030661)
[87] 2003-04-10 (WO2003/030561)
[30] US (60/325,692) 2001-09-28
[30] US (10/196,857) 2002-07-16

[21] **2,461,677**
[13] A1

[51] **Int.Cl. 7B05B 13/04 7B05B 13/02 7B05B 12/14 7B05B 7/32**
[25] EN
[54] **METHOD AND APPARATUS FOR COATING A SUBSTRATE**
[54] **PROCEDE ET DISPOSITIF POUR RECOUVRIR UN SUBSTRAT**
[72] DATTILO, VINCENT P., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2004-03-24
[86] 2002-09-26 (PCT/US2002/030751)
[87] 2003-04-10 (WO2003/028894)
[30] US (09/969,478) 2001-10-02

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[25] EN
[54] **STRUCTURAL BEAM**
[54] **POUTRE DE CHARPENTE**
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[72] POTTAGE, ALAN VICTOR, GB
[71] FABSEC LTD., GB
[85] 2004-03-25
[86] 2002-09-26 (PCT/GB2002/004366)
[87] 2003-04-03 (WO2003/027412)
[30] GB (0123136.4) 2001-09-26

[21] **2,461,679**
[13] A1

[51] **Int.Cl. 7B23P 11/00 7B21D 31/00 7B21J 11/00 7B23P 17/00 7B60N 2/02 7B23P 13/04 7B60N 2/48**
[25] EN
[54] **SIDE PLATE WITH INTEGRAL BOSS**
[54] **PLAQUE LATERALE PRESENTANT UNE BOSSE SOLIDAIRE**
[72] COLLINS, CECIL A., US
[71] FISHER DYNAMICS CORPORATION, US
[85] 2004-03-24
[86] 2002-09-27 (PCT/US2002/030925)
[87] 2003-04-10 (WO2003/028947)
[30] US (09/969,445) 2001-10-02

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[13] A1

[51] **Int.Cl. 7B65D 1/02**
[25] EN
[54] **PINCH GRIP TYPE BOTTLE CONTAINER**
[54] **CONTENANT BOUTEILLE DE TYPE A POIGNEE**
[72] IIZUKA, TAKAO, JP
[72] SAITO, HIROMICHI, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2004-03-25
[86] 2002-09-24 (PCT/JP2002/009775)
[87] 2003-04-03 (WO2003/026974)
[30] JP (2001-293421) 2001-09-26

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[51] **Int.Cl. 7C01C 1/02 7C01C 1/242 7C01B 17/90**
[25] EN
[54] **CHEMICAL AND THERMAL DECOMPOSITION OF AMMONIUM SULPHATE INTO AMMONIA AND SULPHURIC ACID**
[54] **DECOMPOSITION PAR VOIE CHIMIQUE ET THERMIQUE DU SULFATE D'AMMONIUM EN AMMONIAC ET ACIDE SULFURIQUE**
[72] HANSEN, TORD, NO
[71] SILICA TECH ANS, NO
[85] 2004-03-25
[86] 2002-09-26 (PCT/NO2002/000344)
[87] 2003-04-03 (WO2003/027018)
[30] NO (20014699) 2001-09-27

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[51] **Int.Cl. 7C07C 273/10 7C10G 2/00 7C07C 1/04**
[25] EN
[54] **INTEGRATED UREA MANUFACTURING PLANTS AND PROCESSES**
[54] **INSTALLATIONS INTEGREES DE FABRICATION D'UREE ET PROCEDES RELATIFS**
[72] YAKOBSON, DENNIS L., US
[72] SHEPPARD, RICHARD O., US
[72] BENHAM, CHARLES B., US
[72] BOHN, MARK S., US
[71] RENTECH, INC., US
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[13] A1
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[25] EN
[54] **PREPARATION OF AN ANHYDROUS QUINOLINE-BASED CETP INHIBITOR BY CRYSTALLIZATION**
[54] **PREPARATION D'UN INHIBITEUR CETP ANHYDRE A BASE DE QUINOLINE PAR CRISTALLISATION**
[72] ROSE, PETER ROBERT, US
[72] LAMBERT, JOHN FRANCIS, US
[72] ORRILL, SUSAN LEE, US
[71] PFIZER PRODUCTS INC., US
[85] 2004-03-25
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[87] 2003-04-10 (WO2003/029220)
[30] US (60/325,926) 2001-09-28

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[51] **Int.Cl. 7B65D 47/20**
[25] EN
[54] **COLLAPSIBLE DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DEMONTABLE**
[72] SECONDO, MICHAEL CHARLES, US
[71] HUNTER GROUP, INC., US
[85] 2004-03-24
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[30] US (09/970,548) 2001-10-03

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[25] EN
[54] **SHRINKABLE IRIDESCENT FILM**
[54] **FILM IRIDESCENT RETRECISSABLE**
[72] GRANNEY, DANIEL J., US
[71] THE ENGELHARD CORPORATION, US
[85] 2004-03-25
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[87] 2003-04-03 (WO2003/026879)
[30] US (09/963,232) 2001-09-26

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[13] A1
[51] **Int.Cl. 7G03G 5/047**
[25] EN
[54] **CHARGE GENERATION LAYERS COMPRISING TYPE I AND TYPE IV TITANYL PHTHALOCYANINES**
[54] **COUCHES GENERATRICES DE CHARGES CONTENANT DES PHTHALOCYANINES DE TITANE DE TYPE I ET DE TYPE IV**
[72] RANDOLPH, CATHERINE MAILHE, US
[72] NEELY, JENNIFER KAYE, US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2004-03-25
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[87] 2003-04-03 (WO2003/027184)
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[13] A1
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INHIBITING ECCRINE PERSPIRATION IN HUMANS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'INHIBER LA SUDATION ECCRINE CHEZ L'ETRE HUMAIN**
[72] LUKACSKO, ALISON B., US
[71] LUKACSKO, ALISON B., US
[85] 2004-03-25
[86] 2002-09-26 (PCT/US2002/030891)
[87] 2003-04-03 (WO2003/026585)
[30] US (60/325,105) 2001-09-26

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[13] A1
[51] **Int.Cl. 7C08G 65/26 7C08G 59/04 7G01N 30/48**
[25] EN
[54] **PARTICULATE HYDROPHOBIC POLYMER, PRODUCTION PROCESS THEREFOR AND COLUMN FOR REVERSED-PHASE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY**
[54] **POLYMERE HYDROPHOBE PARTICULAIRE, PROCEDE DE PRODUCTION, ET COLONNE DE CHROMATOGRAPHIE EN PHASE LIQUIDE INVERSEE A HAUT RENDEMENT**
[72] SHIMBO, KUNIAKI, JP
[72] MANO, KEISUKE, JP
[71] SHOWA DENKO K.K., JP
[85] 2004-03-25
[86] 2002-09-27 (PCT/JP2002/010002)
[87] 2003-04-10 (WO2003/029327)
[30] JP (2001-302838) 2001-09-28
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[25] EN
[54] **HYBRID CERAMIC MATERIAL COMPOSED OF INSULATING AND STRUCTURAL CERAMIC LAYERS**
[54] **MATERIAU CERAMIQUE HYBRIDE A COUCHES ISOLANTE ET STRUCTURELLE EN CERAMIQUE**
[72] MORRISON, JAY A., US
[72] BURKE, MICHAEL A., US
[72] MERRILL, GARY B., US
[72] LANE, JAY E., US
[71] SIEMENS WESTINGHOUSE POWER CORPORATION, US
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[87] 2003-04-03 (WO2003/026886)
[30] US (09/963,278) 2001-09-26

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[51] **Int.Cl. 7F16B 15/08**
[25] EN
[54] **CONNECTING FASTENER**
[54] **ASSEMBLAGE D'ELEMENTS DE FIXATION**
[72] YOSHIZAWA, HIDEAKI, JP
[72] KIMURA, TOSHIO, JP
[71] MAX KABUSHIKI KAISHA, JP
[85] 2004-03-25
[86] 2002-09-27 (PCT/JP2002/010109)
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[30] JP (2001-302287) 2001-09-28

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[51] **Int.Cl. 7A61K 38/10 7B01J 13/04 7A61K 38/16**
[25] EN
[54] **METHODS AND APPARATUS FOR EXTRUSION OF VESICLES AT HIGH PRESSURE**
[54] **METHODES ET APPAREILS D'EXTRUSION DE VESICULES A HAUTE PRESSION**
[72] RODRIGUEZA, WENDI, US
[72] HILL, KNUT R., US
[72] SY, GAVIN A., US
[71] ESPERION THERAPEUTICS INC., US
[85] 2004-03-25
[86] 2002-09-27 (PCT/US2002/031019)
[87] 2003-04-03 (WO2003/026588)
[30] US (60/326,032) 2001-09-28

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[13] A1

[51] **Int.Cl. 7B65D 85/16 7A61F 13/15**
[25] EN
[54] **PACKAGED DIAPERS ASSEMBLY**
[54] **AGENCEMENT DE STOCKAGE DE COUCHES-CULOTTES**
[72] OTSUBO, TOSHIFUMI, JP
[71] UNI-CHARM CO., LTD., JP
[85] 2004-03-23
[86] 2002-09-27 (PCT/JP2002/010020)
[87] 2003-04-10 (WO2003/029106)
[30] JP (2001/297802) 2001-09-27

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[51] **Int.Cl. 7C07D 409/00 7C07D 411/00 7C07D 327/04 7A61K 31/27 7A61K 31/33 7A61K 31/395 7A61K 31/415 7A61K 31/50**
[25] EN
[54] **SMALL ORGANIC MOLECULE REGULATORS OF CELL PROLIFERATION**
[54] **REGULATEURS DE PROLIFERATION CELLULAIRE SE PRESENTANT SOUS LA FORME DE MOLECULES ORGANIQUES DE PETITES DIMENSIONS**
[72] FRANK-KAMENETSKY, MARIA, US
[72] BOYD, EDWARD ANDREW, GB
[72] BAXTER, ANTHONY DAVID, GB
[72] RUBIN, LEE L., US
[72] PRICE, STEPHEN, GB
[72] STIBBARD, JOHN HARRY ALEXANDER, GB
[72] PORTER, JEFFERY, US
[71] CURIS, INC., US
[85] 2004-03-25
[86] 2002-09-18 (PCT/US2002/029522)
[87] 2003-04-03 (WO2003/027234)
[30] US (09/964,276) 2001-09-26

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[13] A1

[51] **Int.Cl. 7A61K 39/00 7C12N 1/00 7A61K 39/02 7C12N 1/20**
[25] EN
[54] **INCAPACITATED WHOLE-CELL IMMUNOGENIC BACTERIAL COMPOSITIONS**
[54] **COMPOSITIONS IMMUNOGENES DE CELLULES ENTIERES DE BACTERIES RENDUES INCAPABLES**
[72] PADMANABHAN, SRIRAM, IN
[72] SRIRAM, BHARATHI, IN
[72] RAMACHANDRAN, JANAKIRAMAN, US
[71] GANGAGEN, INC., US
[85] 2004-03-25
[86] 2002-09-27 (PCT/US2002/030844)
[87] 2003-04-03 (WO2003/026690)
[30] US (60/325,796) 2001-09-27

[21] **2,461,715**
[13] A1

[51] **Int.Cl. 7A01N 1/02 7C12N 5/00 7C12N 5/08 7G01N 1/30**
[25] EN
[54] **PROLIFERATION AND DIFFERENTIATION OF STEM CELLS USING EXTRACELLULAR MATRIX AND OTHER MOLECULES**
[54] **PROLIFERATION ET DIFFERENTIATION DE CELLULES SOUCHES UTILISANT UNE MATRICE EXTRACELLULAIRE ET D'AUTRES MOLECULES**
[72] HEMPERLY, JOHN J., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2004-03-24
[86] 2002-09-30 (PCT/US2002/031166)
[87] 2003-04-10 (WO2003/029418)
[30] US (60/326,440) 2001-10-02

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[13] A1

[51] **Int.Cl. 7C10K 1/26**
[25] EN
[54] **PROCESS FOR REFORMING INFLAMMABLE GAS, APPARATUS FOR REFORMING INFLAMMABLE GAS AND GASIFICATION APPARATUS**
[54] **PROCEDE DE MODIFICATION DE GAZ INFLAMMABLE, APPAREIL DE MODIFICATION DE GAZ INFLAMMABLE ET APPAREIL DE GAZEIFICATION**

[72] FUJIMURA, HIROYUKI, JP
[72] HOSODA, SHUGO, JP
[72] OSHITA, TAKAHIRO, JP
[72] NARUSE, KATSUTOSHI, JP
[72] MATSUOKA, KEI, JP
[72] MOROZUMI, FUMIAKI, JP
[72] SASAKI, KAORI, JP
[72] IMAIZUMI, TAKASHI, JP
[72] IWADATE, YUKI, JP
[72] HAYAKAWA, JUNICHI, JP
[71] EBARA CORPORATION, JP
[85] 2004-03-25
[86] 2002-09-30 (PCT/JP2002/010148)
[87] 2003-04-10 (WO2003/029390)
[30] JP (2001-299382) 2001-09-28
[30] JP (2001-380767) 2001-12-13

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[13] A1

[51] **Int.Cl. 7B65D 85/16 7A61F 13/15**
[25] EN
[54] **PACKAGED DIAPERS ASSEMBLY**
[54] **FORMAT DE RANGEMENT DE COUCHES-CULOTTES**

[72] OTSUBO, TOSHIFUMI, JP
[71] UNI-CHARM CO., LTD., JP
[85] 2004-03-23
[86] 2002-09-27 (PCT/JP2002/010021)
[87] 2003-04-10 (WO2003/029107)
[30] JP (2001/297803) 2001-09-27

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[13] A1

[51] **Int.Cl. 7B21F 15/06 7E04G 21/12**
[25] EN
[54] **REINFORCEMENT BINDING MACHINE, REEL, AND METHOD OF DETECTING ROTATION OF REEL**
[54] **APPAREIL PERMETTANT DE CERCLER UN ELEMENT DE RENFORT, BOBINE CORRESPONDANTE ET PROCEDE DE DETECTION DE LA ROTATION DE CETTE BOBINE**

[72] ISHII, SHUICHI, JP
[72] NAKAGAWA, YASUSHI, JP
[72] ISHIKAWA, NOBORU, JP
[72] KUSAKARI, ICHIRO, JP
[72] MATSUOKA, ATSUSHI, JP
[72] NAGAOKA, TAKAHIRO, JP
[71] MAX KABUSHIKI KAISHA, JP
[85] 2004-03-25
[86] 2002-09-30 (PCT/JP2002/010188)
[87] 2003-04-10 (WO2003/028917)
[30] JP (2001-303445) 2001-09-28
[30] JP (2002-189420) 2002-06-28
[30] JP (2002-216907) 2002-07-25

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[13] A1

[51] **Int.Cl. 7G01J 3/00 7G02B 11/00 7G01J 3/30 7G02B 27/46**
[25] EN
[54] **SHAPED ILLUMINATION GEOMETRY AND INTENSITY USING A DIFFRACTIVE OPTICAL ELEMENT**
[54] **GEOMETRIE ET INTENSITE D'ILLUMINATION CONFORMEES REPOSANT SUR L'UTILISATION D'UN D'ELEMENT OPTIQUE A DIFFRACTION**

[72] HOFF, LOUIS B., US
[72] OLDHAM, MARK F., US
[71] APPLERA CORPORATION, US
[85] 2004-03-25
[86] 2002-09-26 (PCT/US2002/028143)
[87] 2003-04-10 (WO2003/029768)
[30] US (09/964,778) 2001-09-28

[21] **2,461,722**
[13] A1

[51] **Int.Cl. 7E06B 3/667**
[25] EN
[54] **CONNECTOR FOR JOINING MULTIPLE PANE WINDOW SPACERS**
[54] **RACCORD DESTINE A RACCORDER DES ECARTEURS DE FENETRES A VITRES MULTIPLES**

[72] ZURN, BENJAMIN J., US
[72] TRPKOVSKI, PAUL, US
[71] CARDINAL IG COMPANY, US
[85] 2004-03-23
[86] 2002-09-20 (PCT/US2002/029947)
[87] 2003-04-10 (WO2003/029594)
[30] US (09/961,622) 2001-09-24

[21] **2,461,724**
[13] A1

[51] **Int.Cl. 7G06F 17/50**
[25] EN
[54] **COORDINATING HAPTICS WITH VISUAL IMAGES IN A HUMAN-COMPUTER INTERFACE**
[54] **COORDINATION DE DONNEES HAPTQUES AVEC DES IMAGES VISUELLES DANS UNE INTERFACE HOMME-ORDINATEUR**

[72] JONES, JAKE S., US
[71] NOVINT TECHNOLOGIES INC., US
[85] 2004-03-24
[86] 2002-10-02 (PCT/US2002/031536)
[87] 2003-04-10 (WO2003/030037)
[30] US (09/971,379) 2001-10-04

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[13] A1

[51] **Int.Cl. 7H04L 12/28 7H04L 12/56**
[25] EN
[54] **METHOD OF OPERATING A MEDIA ACCESS CONTROLLER**
[54] **PROCEDE DE COMMANDE D'UN CONTROLEUR D'ACCES AUX MEDIA**

[72] APISDORF, JOEL Z., US
[72] ODMAN, KNUT T., US
[72] DOWE, RUSSELL G., US
[72] MONTANO, SERGIO T., US
[72] SHVODIAN, WILLIAM M., US
[71] MOTOROLA, INC., US
[85] 2004-03-24
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[87] 2003-04-10 (WO2003/030459)
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[51] **Int.Cl. 7B65G 33/26 7B01F 15/00 7B01F 7/08 7C09K 3/18 7B01F 7/24**
[25] EN
[54] **DEICER MIXING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE MELANGE DE DEGIVRANT**
[72] HOERLE, MICHAEL, US
[72] BUSH, CRAIG J., US
[72] BUSCH, ERIC, US
[71] CARGILL, INCORPORATED, US
[85] 2004-03-24
[86] 2002-10-02 (PCT/US2002/031660)
[87] 2003-04-10 (WO2003/029115)
[30] US (60/327,051) 2001-10-03
[30] US (10/193,463) 2002-07-10

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[13] A1
[51] **Int.Cl. 7A61F 2/01**
[25] EN
[54] **VASCULAR EMBOLIC FILTER DEVICES AND METHODS OF USE THEREFOR**
[54] **DISPOSITIFS FILTRANTS EMBOLIQUES VASCULAIRES ET PROCEDES D'UTILISATION ASSOCIES**
[72] AMR, SALAHIEH, US
[72] KROLIK, JEFF, US
[72] DEMOND, JACKSON, US
[72] KHOSRAVI, FRED, US
[71] INCEPT LLC, US
[85] 2004-03-24
[86] 2002-10-11 (PCT/US2002/032795)
[87] 2003-04-24 (WO2003/032868)
[30] US (10/001,396) 2001-10-18

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[13] A1
[51] **Int.Cl. 7B01D 59/40 7C25C 3/00 7C25C 7/00 7C25C 5/04 7B01D 59/50**
[25] EN
[54] **NOBLE-METAL COATED INERT ANODE FOR ALUMINUM PRODUCTION**
[54] **ANODE PERMANENTE REVETUE DE METAL NOBLE DESTINEE A LA PRODUCTION D'ALUMINIUM**
[72] SCHERBA, EMIL, S., US
[71] SCHERBA, EMIL, S., US
[85] 2004-03-24
[86] 2003-01-07 (PCT/US2003/000289)
[87] 2003-07-17 (WO2003/057350)
[30] US (10/042,111) 2002-01-08

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[13] A1
[51] **Int.Cl. 7A61K 31/465 7A61K 9/20 7A61K 9/48**
[25] EN
[54] **NEW FORMULATIONS AND USE THEREOF**
[54] **NOUVELLES FORMULATIONS ET LEUR UTILISATION**
[72] LANDH, TOMAS, SE
[72] LINDBERG, NILS-OLOF, SE
[71] PHARMACIA AB, SE
[85] 2004-03-23
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[87] 2003-04-03 (WO2003/026656)
[30] SE (0103210-1) 2001-09-27

[21] **2,461,763**
[13] A1
[51] **Int.Cl. 7H04L 29/06 7H04L 12/40**
[25] EN
[54] **METHOD FOR ACCESSING A COMMAND UNIT FOR A DATA NETWORK**
[54] **PROCEDE POUR ACCEDER A UNE UNITE DE COMMANDE POUR RESEAU DE TRANSMISSION DE DONNEES**
[72] KLOTZ, DIETER, DE
[72] GOETZ, FRANZ-JOSEF, DE
[72] BRUECKNER, DIETER, DE
[72] SCHIMMER, JUERGEN, DE
[72] KRAUSE, KARL-HEINZ, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-03-24
[86] 2002-09-13 (PCT/DE2002/003444)
[87] 2003-04-03 (WO2003/028337)
[30] DE (101 47 411.3) 2001-09-26
[30] DE (102 37 350.7) 2002-08-14

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[13] A1
[51] **Int.Cl. 7F01N 3/18 7B01D 53/72**
[25] EN
[54] **HYDROCARBON ADSORBENT STATE MONITORING DEVICE**
[54] **DISPOSITIF DE CONTROLE DE L'ETAT D'ADSORPTION D'HYDROCARBURES**
[72] SATO, MASAHIRO, JP
[72] YAMAZAKI, HIDEHARU, JP
[72] ENDO, TETSUO, JP
[72] UENO, MASAKI, JP
[72] MACHIDA, KEI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 2004-03-24
[86] 2002-10-21 (PCT/JP2002/010876)
[87] 2003-05-01 (WO2003/036053)
[30] JP (2001-321730) 2001-10-19
[30] JP (2001-400902) 2001-12-28

[21] **2,461,779**
[13] A1
[51] **Int.Cl. 7G07D 9/00**
[25] EN
[54] **COIN DISPENSER AND CONTROL METHOD FOR THE COIN DISPENSER**
[54] **DISTRIBUTEUR DE PIECES ET SON PROCEDE DE COMMANDE**
[72] ITAKO, EIJI, JP
[72] MIKAMI, MITSUGU, JP
[72] ASO, TSUNEHIRO, JP
[71] KABUSHIKI KAISHA NIPPON CONLUX, JP
[85] 2004-03-24
[86] 2003-07-02 (PCT/JP2003/008448)
[87] 2004-02-05 (WO2004/012157)
[30] JP (2002-218351) 2002-07-26

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[13] A1
[51] **Int.Cl. 7A61F 2/44**
[25] EN
[54] **ARTIFICIAL INTERVERTEBRAL DISC HAVING A SLOTTED BELLEVILLE WASHER FORCE RESTORING ELEMENT**
[54] **DISQUE INTERVERTEBRAL ARTIFICIEL RESTAURANT UN ELEMENT DE RESTAURATION DE LA FORCE D'UNE RONDELLE DE BELLEVILLE**
[72] TATAR STEPHEN, US
[72] RALPH, JAMES D., US
[71] SPINECORE, INC., US
[85] 2004-03-24
[86] 2002-06-19 (PCT/US2002/019660)
[87] 2003-04-10 (WO2003/028595)
[30] US (09/968,045) 2001-10-01

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[54] **UTILISATION D'UNE COMPOSITION A BASE DE TIO2 COMME CATALYSEUR POUR REALISER L'HYDROLYSE DES COS ET/OU D'HCN**
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[54] **INPUT APPARATUS, COMPUTER APPARATUS, METHOD FOR IDENTIFYING INPUT OBJECT, METHOD FOR IDENTIFYING INPUT OBJECT IN KEYBOARD, AND COMPUTER PROGRAM**
[54] **DISPOSITIF D'ENTREE, APPAREIL INFORMATIQUE, PROCEDE D'IDENTIFICATION D'UN OBJET ENTRE, PROCEDE D'IDENTIFICATION D'UN OBJET ENTRE AVEC UN CLAVIER, ET PROGRAMME INFORMATIQUE**
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[54] **MONITOR SYSTEM, CENTRAL MONITOR APPARATUS, ON-VEHICLE MONITOR APPARATUS, MONITOR METHOD, MONITOR PROGRAM, COMPUTER-READABLE RECORDING MEDIUM CONTAINING THE SAME**
[54] **SYSTEME DE SURVEILLANCE, APPAREIL DE SURVEILLANCE CENTRALE, APPAREIL DE SURVEILLANCE EMBARQUE, PROCEDE ET PROGRAMME DE SURVEILLANCE, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR CONTENANT LEDIT SYSTEME DE SURVEILLANCE**
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[54] **PREPARATION VACCINALE SOUS-UNITAIRE CONTRE LE VIRUS RESPIRATOIRE SYNCYTIAL**
[72] OOMEN, RAYMOND P., CA
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[54] **A METHOD OF DETECTING INTRACELLULAR PROTEIN-PROTEIN INTERACTIONS USING THREE HETEROLOGOUS CONJUGATES**
[54] **METHODE AMELIOREE PERMETTANT DE DETECTER DES INTERACTIONS ENTRE DES CONSTITUANTS CELLULAIRES PRESENTS DANS DES CELLULES VIVANTES INTACTES ET D'EXTRAIRE DES INFORMATIONS QUANTITATIVES SE RAPPORTANT AUXDITES INTERACTIONS PAR NOUVELLE REPARTITION DE FLUORESCENCE**
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[54] **PROCEDES ET COMPOSITIONS SE RAPPORTANT A DES VECTEURS LENTIVIRAUX A EXPRESSION REDUITE ET LEURS APPLICATIONS**
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[72] TRONO, DIDIER, CH
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[54] **INTRODUCTION DU GENE WLDS POUR LA PREVENTION DE LA DEGENERESCENCE AXONALE DANS LES MALADIES NEUROLOGIQUES**
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[54] **POLYPEPTIDE ANTIGEN FORMING A MIMETIC STRUCTURE OF THE GP41 INTERMEDIATE STATE**
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[51] **Int.Cl. 7C12Q 1/68 7G01N 33/536**
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[54] **METHOD AND KIT FOR PROXIMITY PROBING WITH MULTIVALENT PROXIMITY PROBES**
[54] **PROCEDE ET KIT POUR LE SONDAGE DE PROXIMITE AU MOYEN DE SONDES DE PROXIMITE POLYVALENTES**
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[54] **METHOD FOR MANUFACTURING TITANIUM OXIDE-CONTAINING SLAG**
[54] **METHODE POUR LA FABRICATION D'OXYDE DE TITANE A PARTIR DE LAITIER DE TITANE**
[72] MIYAHARA, ITSUO, JP
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[72] UEMURA, HIROSHI, JP
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[54] **METHOD OF SELECTING BARLEY VARIETY, BARLEY .BETA.-AMYLASE GENE AND PROCESS FOR PRODUCING MALT ALCOHOLIC BEVERAGE**
[54] **PROCEDE DE SELECTION D'UNE VARIETE D'ORGE, GENE .BETA.-AMYLASE DE L'ORGE, ET PROCEDE DE PRODUCTION DE BOISSON ALCOOLISEE A BASE DE MALT**
[72] TAKEDA, KAZUYOSHI, JP
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[54] **PROCEDE D'ANALYSE D'UN MODELE DE METHYLATION GENOMIQUE**
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[71] EPIGENOMICS AG, DE
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[25] EN
[54] **METHOD FOR THE DETECTION OF CYTOSINE METHYLATION IN IMMOBILISED DNA SAMPLES**
[54] **PROCEDE DE DETECTION DE METHYLATION DE LA CYTOSINE DANS DES ECHANTILLONS D'ADN IMMOBILISE**
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[54] **ENZYME GENE PARTICIPATING IN THE SYNTHESIS OF POLYESTER AND PROCESS FOR PRODUCING POLYESTER USING THE SAME**
[54] **GENE D'ENZYME PARTICIPANT A LA SYNTHESE DE POLYESTER ET PROCEDE DE PRODUCTION DE POLYESTER A L'AIDE DUDIT GENE**
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[72] YOKOMIZO, SATORU, JP
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7G01N 33/569 7C12N 15/70**

[25] EN

[54] **ISOLATION AND PURIFICATION
OF PLASMODIUM FALCIPARUM
MEROZOITE PROTEIN-142**

[54] **ISOLATION ET PURIFICATION
AND PURIFICATION DE VACCIN A
BASE DE PROTEINE-142 MEROZOITE
DE P. FALCIPARUM**

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[72] LYON, JEFFREY A., US

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7B60L 11/18 7H02K 21/22 7H02K 21/24**

[25] EN

[54] **ROTARY ELECTRIC MOTOR
HAVING SEPARATE CONTROL
MODULES FOR RESPECTIVE STATOR
ELECTROMAGNETS**

[54] **MOTEUR ELECTRIQUE ROTATIF
DOTE DE MODULES DE COMMANDE
SEPARES POUR DES
ELECTROAIMANTS DE STATOR
RESPECTIFS**

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[25] EN

[54] **PRODUCTION OF OIL WITH
HIGHER ERUCIC ACID CONTENT**

[54] **BIOSYNTHESE D'HUILE**

[72] WILMER, JEROEN ALEXANDER, GB

[72] WALLINGTON, EMMA JANE, GB

[72] SLABAS, ANTONI RYSZARD, GB

[71] BIOGEMMA UK LIMITED, GB

[85] 2004-04-07

[86] 2002-10-11 (PCT/GB2002/004642)

[87] 2003-04-24 (WO2003/033713)

[30] GB (0124574.5) 2001-10-12

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[21] **2,452,166**
[13] A1

[51] **Int.Cl. 7B41J 29/38 7B41J 29/02**
[25] EN
[54] **RIBBON DRIVE SYSTEM FOR A THERMAL DEMAND PRINTER**
[54] **SYSTEME D'ENTRAINEMENT DU RUBAN D'UNE IMPRIMANTE THERMIQUE**
[72] MONNIER, DAN E., US
[72] ADAMS, VINCENT C., US
[72] KAUFMAN, JEFFREY R., US
[72] PLATT, MICHAEL K., US
[72] ZUBRISKI, DAVID S., US
[71] ZIH CORPORATION, US
[22] 1993-09-30
[41] 1994-04-14
[62] 2,259,825

[21] **2,462,704**
[13] A1

[51] **Int.Cl. 7B26F 1/44**
[25] EN
[54] **STEEL RULE DIE WITH CLOSELY NESTED CAVITIES**
[54] **EMPORTE-PIECE A CAVITES ETROITEMENT IMBRIQUEES**
[72] JOHNSON, MICHAEL J., US
[71] ONTARIO DIE INTERNATIONAL INC., US
[22] 1996-10-18
[41] 1997-05-09
[62] 2,235,405
[30] US (08/545,929) 1995-10-20

[21] **2,462,706**
[13] A1

[51] **Int.Cl. 7C09J 125/10 7C09J 123/18**
[25] EN
[54] **MULTI-ARM BLOCK COPOLYMER, AND PRESSURE SENSITIVE ADHESIVE AND TAPE EMPLOYING A MULTI-ARM ELASTOMERIC BLOCK COPOLYMER**
[54] **ADHESIF SENSIBLE A LA PRESSION, COPOLYMER SEQUENCE ET RUBAN FABRIQUE A PARTIR DE CE COPOLYMER SEQUENCE**
[72] NESTEGARD, MARK K., US
[72] MA, JINGJING, US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[22] 1994-04-27
[41] 1994-11-26
[62] 2,122,303
[30] US (08/066,860) 1993-05-25

[21] **2,462,715**
[13] A1

[51] **Int.Cl. 7A47B 96/04 7A47B 55/02**
[25] EN
[54] **ADJUSTABLE DIVIDER ASSEMBLY FOR WIRE SHELVING FOR MULTIMEDIA AND THE LIKE**
[54] **ASSEMBLAGE DE SEPARATEURS REGLABLES POUR LE RANGEMENT DE FILS DE MATERIEL MULTIMEDIA ET DE MATERIEL ANALOGUE**
[72] DARDASHTI, SHAHRIAR, US
[71] DARDASHTI, SHAHRIAR, US
[22] 2000-09-12
[41] 2001-12-09
[62] 2,318,659
[30] US (09/591,914) 2000-06-09

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FURUMORI, KENJI	2,448,809	HOUCK, THEODORE JOHN III		KOPETZKI, ERHARD	2,443,365
GABBAY, SHLOMO	2,412,063		2,449,880	KOYO SEIKO CO., LTD.	2,450,300
GAGNE, LUCIE	2,412,182	HOUSE, ROBERT D.	2,449,773	KRECKZINSKI, MANFRED	2,449,465
GALE, SEAN D.	2,412,139	HOWARD, RAYMOND W.	2,448,136	KREIS, ANTON	2,450,047
GANDHI, RAJEEV	2,442,276	HUANG, DEBORAH	2,412,409	KRESTINE, JOSEPH R.	2,448,810
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GAUTIER, JEAN-PIERRE	2,447,283	HUNTER, KYLE P.	2,450,290	KUZIM, PETR	
GENERAL ELECTRIC		HUYNH, TRIEU	2,446,834	VALENTINOVICH	2,450,155
CANADA INC.	2,412,303	IBM CANADA LIMITED-IBM		KWIECIEN, JACEK	2,410,373
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GENERAL INSTRUMENT		IJIMA, RYUJI	2,450,054	LACONTI, ANTHONY B.	2,449,549
CORPORATION	2,442,276	ILLINOIS TOOL WORKS INC.	2,449,361	LANNED, MATS	2,448,590
GENERAL MOTORS		ILLINOIS TOOL WORKS INC.	2,449,363	LAPORTA, GILBERT	2,412,269
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GEESTHACHT GMBH	2,412,310	JAKOBY, KAI	2,412,415	LEFEBVRE, LOUIS	2,412,431
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FORSCHUNGSZENTRUM		JANSEN, CHRISTIAN	2,450,183	LEMARCHAND, REMI A.	2,448,170
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GODDARD, STEVEN F.	2,448,170	JI, JINXING	2,424,714	ANGELCARE INC.	2,441,837
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LU, ZHENGHONG	2,412,379	KABUSHIKI KAISHA	2,447,198	GESELLSCHAFT FUR	
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ACCESS PHARMACEUTICALS, INC.	2,459,692	ARC SEIBERSDORF RESEARCH GMBH	2,460,981	BARKOCZY, JOZSEF	2,461,510
ACHEBE, FURAHI	2,461,360	ARIES, MARIE-FRANCOISE	2,461,346	BARTHOLOMEW, JULIE R.	2,461,307
ADAMSON, PETER	2,460,057	ARIZONA BOARD OF REGENTS	2,458,574	BARTLING, LUISE	2,461,035
ADVENT PHARMACEUTICALS PTY LTD.	2,460,904	ARNOLD, DAVID V.	2,461,411	BARTLING, WERNER	2,461,035
AELMANS, NICOLAAS JOHANNA JOZEF	2,461,098	ARNOLD, JOHANN	2,461,469	BASF AKTIENGESELLSCHAFT	2,456,828
AENGENHEYSER, GERALD	2,461,341	ARNOLD, JOHANN	2,461,472	BASF AKTIENGESELLSCHAFT	2,460,906
AEP INDUSTRIES INC.	2,461,308	ARNOLD, JOHANN	2,461,495	BASF AKTIENGESELLSCHAFT	2,460,946
AFRA DESIGN PTY LIMITED	2,461,497	ARORA, VINOD KUMAR	2,461,042	BASF AKTIENGESELLSCHAFT	2,461,573
AGARWAL, VEENA	2,461,128	ARTS, GERT-JAN	2,457,419	BASF AKTIENGESELLSCHAFT	2,461,672
AGNEW, MARTIN	2,461,475	ASAHI GLASS CO., LTD.	2,461,289	BASF AKTIENGESELLSCHAFT	2,461,675
AGRAWAL, AVNEESH	2,460,957	ASAKAWA, AKIHIKO	2,461,289	BASF CORPORATION	2,460,946
AINSWORTH, JACK L.	2,461,395	ASAKURA, TAKASHI	2,462,842	BATOFF, JEFFREY, S.	2,460,047
AL AMRI, MOOSA EISA	2,461,650	ASGARI, DAVOUD	2,461,360	BAUER, MICHAEL	2,461,277
ALBANY INTERNATIONAL CORP.	2,460,238	ASH, MARCIA KAY	2,460,027	BAUMGARTNER, DAVID R.	2,461,615
ALBANY INTERNATIONAL CORP.	2,460,271	ASHLEY, RICHARD	2,460,902	BAWENDI, MOUNGI G.	2,460,796
ALBERMANN, KAJ	2,457,850	ASO, TSUNEHIRO	2,461,779	BAXTER INTERNATIONAL INC.	2,461,349
ALCAN DEUTSCHLAND GMBH	2,460,815	ASRAR, JAWED	2,461,040	BAXTER, ANTHONY DAVID	2,461,709
ALCON, INC.	2,461,555	ASUNDI, VINOD	2,460,621	BAY MICROSYSTEMS, INC.	2,460,994
ALEXANDER, CHRISTOPHER W.	2,461,074	ASUNDI, VINOD	2,461,280	BAYER	
ALEXION PHARMACEUTICALS, INC.	2,460,587	ASZODI, ATTILA	2,461,102	AKTIENGESELLSCHAFT	2,460,924
ALLAN, ROBERT DAVID	2,460,904	ATANASSOVA, PAOLINA	2,461,338	BAYER	
ALLEN, JENNIFER REBECCA	2,461,218	ATWOOD, DAN	2,461,395	AKTIENGESELLSCHAFT	2,461,570
ALLEN, KEVIN DALE	2,461,284	AU, JESSIE L.S.	2,461,227	BAYER CROPSCIENCE AG	2,460,922
ALLEN, KIMBERLEY C.	2,461,080	AUTOGEN RESEARCH PTY LTD	2,458,849	BAYER HEALTHCARE AG	2,461,034
ALLESTON, STEVEN	2,461,541	AVENTIS PASTEUR	2,462,710	BAYER PHARMACEUTICALS CORPORATION	2,461,128
ALLISON, RICHARD F.	2,459,915	AVENTIS PASTEUR LIMITED	2,462,574	BAYER PHARMACEUTICALS CORPORATION	2,461,360
ALTHOEFER, HENNING	2,456,828	AVENTIS PHARMA S.A.	2,459,246	BAYER PHARMACEUTICALS CORPORATION	2,461,363
AMIR, URI	2,461,217	AWARE, INC.	2,461,320	BAYER POLYMERS LLC	2,461,234
AMR, SALAHIEH	2,461,738	AXENS	2,461,957	BEARINGER, JANE P.	2,460,928
ANDO, TANICHI	2,462,170	BABA, KATSUYA	2,461,011	BEASLEY, BRENT ENGLAND	2,461,162
ANDRE-LINET, VERONIQUE	2,459,791	BABEJ, JIRI	2,461,268	BECTON, DICKINSON AND COMPANY	2,461,715
ANDROSYUK, SERGIY	2,461,032	BABOUHOT, JEAN-LOUIS	2,461,344	BEHAL, VIDUR	2,460,760
ANGELSKAAR, TERJE	2,461,270	BABU, JAYACHANDRA SURESH	2,461,087	BELLEKENS, KATHLEEN	2,461,172
		BACHMANN, MARTIN	2,462,857	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	2,462,216
		BACON, JOHN M.	2,460,290	BENBRAHIM, JAMAL	2,460,804
		BAECK, JUHA	2,460,874	BENHAM, CHARLES B.	2,461,685
		BAERLOCHER, ANTHONY J.	2,459,623		
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BIO-RAD LABORATORIES, INC.	2,461,499	BUKHMANN, SERGIY	2,461,032	CILAG AG	2,461,450
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BIST, ANURAG	2,461,299	BURGISS, MICHAEL J.	2,460,896	CLARE, MICHAEL	2,461,567
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PHARMA GMBH & CO. KG	2,461,574	CALLAHAN, MICHAEL J.	2,461,015	MANAGEMENT LIMITED	2,459,935
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BOHN, MARK S.	2,461,685	MACDONALD	2,461,673	TECHNOLOGY GMBH	2,460,926
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BOREALIS GMBH	2,461,262	CAMPBELL, KAREN A.	2,461,074	TECHNOLOGY GMBH	2,461,270
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BOSCHETTI, FREDERIC	2,461,344	CARLUCCI, GIOVANNI	2,461,674	LLC	2,461,022
BOTTOM, DAVID	2,461,190	CARNEY, FIONA PATRICIA	2,460,027	CORR, BENJAMIN JOHN	2,460,722
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BRAAM, ADRIANUS		CASPER, CORENE	2,461,015	CSOM, GYULA	2,461,102
WILHELMUS MARIA	2,461,098	CASTER, KENNETH C.	2,461,350	CURIS, INC.	2,461,709
BRAIER, ARNOLD	2,461,450	CATALYSTS & CHEMICALS		CVETOVICH, RAYMOND	2,461,565
BRAIT, AXEL	2,461,030	INDUSTRIES CO., LTD.	2,460,138	CYCLACEL LIMITED	2,460,909
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BRAUN, WILLIAM J.	2,461,669	CEDARS-SINAI MEDICAL		DAHMEN, PETER	2,460,922
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DE, BISWANATH	2,461,072	EIAN, GILBERT L.	2,461,553	FORSTA NARVARMEVERKET AB	2,461,458
DE, BISWANATH	2,461,073	EIDGENOSSISCHE TECHNISCHE HOCHSCHULE ZURICH	2,460,928	FORT-LACOSTE, LYDIE	2,461,346
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DEGAN, FLORENCE DAL	2,457,140	EL HABIB, RAPHAELLE	2,462,710	FOX, RICHARD ALAN	2,461,140
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DENHAM, HUGH	2,461,338	EMORY UNIVERSITY	2,462,632	FREDERICKSON, SHANA	2,460,587
DESERT DYNAMIC RESEARCH, INC.	2,459,338	ENDECA TECHNOLOGIES, INC.	2,461,195	FREDRIKSSON, SIMON	2,462,819
DESHAYES, ALAIN	2,457,821	ENDECA TECHNOLOGIES, INC.	2,461,196	FREEGLASS GMBH & CO. KG	2,461,341
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DEUTSCHE POST AG	2,461,001	ENDO, TETSUO	2,461,764	FU, JIAN-MIN	2,461,369
DEUTSCHE POST AG	2,461,135	ENDRA B.V.	2,461,193	FU, WENLANG	2,461,360
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GHOSH, MALABIKA	2,460,621	GUSTAFSSON, RONNY	2,461,533	HILL, MAURICE L.	2,461,837
GHOSH, MALABIKA	2,461,280	GYGI, STEVEN P.	2,457,695	HILLEDAHL, JAMES W.	2,461,499
GIACOMELLI, MASSIMO	2,461,152	GYMER, GEOFFREY EDWARD	2,461,159	HILL-ROM SERVICES, INC.	2,461,167
GIBBS, MORELAND DAVID	2,460,546	HAGAI, MAKOTO	2,460,471	HIRAIKE, HIROSHI	2,461,191
GI SECKE & DEVRIENT GMBH	2,461,277	HAGEN, RAINER	2,461,570	HIRAMATSU, HAJIME	2,461,100
GILKES, BRUCE	2,461,084	HAGEN, TIMOTHY J.	2,460,939	HIRAMOTO, MASAHIRO	2,461,274
GILLETT, JERRI	2,459,915	HAGERMOSER, EDWARD S.	2,461,287	HIRANO, YOSHIKI	2,462,303
GINES, BRENT	2,461,088	HAHN, THILO	2,461,359	HIRKA, JEFFREY L.	2,460,886
GISH, DAVE	2,461,138	HAIR, CLARENCE VERNON, JR.	2,461,486	HITCHCOCK, STEPHEN	
GL&V / DORR-OLIVER INC.	2,461,279	HAKAMIUN, REZA	2,461,167	ANDREW	2,461,218
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GLASS, JONATHAN D.	2,462,632	HALEY-VICENTE, DANA	2,461,280	HOERLE, MICHAEL	2,461,737
GLAVICH, PAULINA	2,461,340	HALLETT, DAVID JAMES	2,461,426	HOFF, LOUIS B.	2,461,721
GNOSIS SRL	2,461,576	HALLIBURTON ENERGY		HOHBERGER, CLIVE P.	2,460,638
GOBERT, CLAUDE	2,459,246	SYSTEMS, INC.	2,460,986	HOHMANN, ARNO	2,460,871
GOEDEGEBUUR, FRITS	2,461,123	HAMLIN SHEET METAL		HOLLES, JOSEPH H.	2,461,030
GOETZ, FRANZ-JOSEF	2,461,469	COMPANY,		HOLMER, ARTHUR EDWARD	2,461,536
GOETZ, FRANZ-JOSEF	2,461,472	INCORPORATED	2,461,537	HOLT CAMP, MATTHEW W.	2,461,125
GOETZ, FRANZ-JOSEF	2,461,482	HAMMOND, NEAL A.	2,459,607	HOLTZ, R. BARRY	2,461,267
GOETZ, FRANZ-JOSEF	2,461,487	HAMON, CHRISTIAN	2,459,231	HONDA GIKEN KOGYO	
GOETZ, FRANZ-JOSEF	2,461,492	HAMPDEN-SMITH, MARK J.	2,461,338	KABUSHIKI KAISHA	2,461,189
GOETZ, FRANZ-JOSEF	2,461,500	HAMPTON, THOMAS G.	2,460,832	HONDA GIKEN KOGYO	
GOETZ, FRANZ-JOSEF	2,461,763	HAN, CHUNLEI	2,460,165	KABUSHIKI KAISHA	2,461,764
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GOLLNICK, ROBIN W.	2,460,995	HANSE, ERIC	2,461,264	HONDA, TOSHIYUKI	2,461,446
GONDA, RUMI SHERYAR	2,461,584	HANSELMAN, DAVE	2,461,307	HONEYWELL INTERNATIONAL	
GOODACRE, SIMON CHARLES	2,461,426	HANSEN, TORD	2,461,683	INC.	2,461,134
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GORGOGO LOBATO, JOSE		HANSON, GUNNAR J.	2,460,939	GARRETT (HOLDINGS)	
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GOULD, JEDD ADAM	2,460,807	HARPER, PAUL	2,461,541	HONMA, HIROSHI	2,461,011
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GOZAL, DAVID	2,459,647	HARSING, LASZLO GABOR	2,461,510	ANTHONY	2,461,160
GRAF, LOTHAR	2,461,006	HART, BARRY	2,461,360	HORNE, DAVID M.	2,460,889
GRAM, ANKER	2,460,869	HART, JAMES J.	2,461,287	HORTON, RUSH B., JR.	2,461,276
GRANEY, DANIEL J.	2,461,689	HARTSHORNE, PAUL	2,461,273	HOSODA, SHUGO	2,461,716
GRANGEON, ANDRE	2,461,151	HARVEY, TIM	2,461,190	HOSOE, KAZUNORI	2,461,013
GRANT, EUGENE B., III	2,460,947	HATIN, PAUL M.	2,461,287	HOSOE, KAZUNORI	2,461,550
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GREENER, BRYAN	2,461,504	HAYES, JAMES	2,460,954	HSU, PENG-FU	2,419,837
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GREIF, INC.	2,461,620	HECHT, GIL	2,461,184	HUANG, DERSHING	2,461,213
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IGT	2,459,645	JENKINS, RICHARD MICHAEL	2,461,174	KAWABE, TAIZO
IGT	2,460,353	JENNI, WOLFGANG	2,461,577	KAWASAKI, KENICHI
IGT	2,460,804	JENNINGS, ANDREW	2,461,426	KBA-GIORI S.A.
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IGT	2,461,198	JENSEN, MICHAEL	2,461,411	KEEN PERSONAL MEDIA, INC.
IGT	2,461,340	JGC CORPORATION	2,460,138	KEIGHTLEY, KYM JOHN
IIDA, SHIGERU	2,460,617	JI, KAI	2,461,335	KEINO, KATSUYUKI
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IMX LABS, INC.	2,461,307	JOHNSON, BRIAN K.	2,461,565	KHOSRAVI, FRED
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INTEL CORPORATION	2,461,299	JONES, RITA, S.	2,460,946	KIMURA, TOSHIO
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CORPORATION	2,461,336	JSR CORPORATION	2,461,259	KINET, JEAN-PIERRE
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CORPORATION	2,462,058	LTD.)	2,462,831	KIRK, RANDAL J.
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INVITROGEN CORPORATION	2,460,546	KADONO, SHINYA	2,460,471	KITAMURA, SHIRO
ISCAR LTD.	2,461,184	KAHLE, HENRY	2,461,166	KITASAKA, KAZUYA
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ISHII, SHUICHI	2,461,719	KAKUTANI, OSAMU	2,462,303	KLAGHOFER, KARL
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ISOTECHNIKA INC.	2,460,685	KALLIO, SEPPO	2,460,874	KLAGHOFER, KARL
ISSBERNER, ULRICH	2,456,062	KALLIOINEN, JOUKO	2,461,279	KLEIN, MICHEL H.
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JACK WERTH, BETTINA	2,456,062	KANEKA CORPORATION	2,460,844	KLOTZ, DIETER
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KURITA EUROPE GMBH	2,461,215	LI, YONG	2,461,511	MARCONI UK INTELLECTUAL	
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LANGNER, MICHAEL	2,461,342	LIVING DATA TECHNOLOGY		MASUBUCHI, MIYAKO	2,461,572
LANOUE, THOMAS J.	2,461,276	APPARATUS	2,460,165	MASUDA, SHO	2,461,289
LARGE SCALE BIOLOGY		LOKESH, JOSHI	2,458,574	MATSUMOTO, KEIJI	2,462,942
CORPORATION	2,461,267	LORD CORPORATION	2,461,350	MATSUMOTO, TOSHIMI	2,460,926
LARSEN, STEVE	2,461,561	LORE, XAVIER RAYMOND		MATSUOKA, ATSUSHI	2,461,719
LASARTE SAGASTIBELZA,		YVES	2,461,207	MATSUOKA, KEI	2,461,716
JUAN JOSE	2,461,007	LORENTE BONDE-LARSEN,		MATSUSHITA ELECTRIC	
LASCHET, UDO	2,461,115	ANTONIO	2,461,221	INDUSTRIAL CO., LTD.	2,460,471
LASSOTA, PETER	2,461,373	LU, LING	2,461,553	MATSUSHITA ELECTRIC	
LAU, ANDREW	2,461,195	LUDWIG, BLAKE C.	2,461,044	INDUSTRIAL CO., LTD.	2,461,446
LAUFERSWEILER, MATTHEW		LUIG, FRANK-THOMAS	2,462,279	MATTEL, INC.	2,460,962
JOHN	2,461,071	LUKACSKO, ALISON B.	2,461,696	MATTEUCCI, SCOTT	2,460,879
LAUFERSWEILER, MATTHEW		LUTHER, JAMES P.	2,461,022	MAX KABUSHIKI KAISHA	2,461,701
JOHN	2,461,072	LYNAM, JOSEPH M.	2,461,009	MAX KABUSHIKI KAISHA	2,461,719
		LYON, JEFFREY A.	2,462,951	MAYA, DARREN	2,459,623

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MAYEKAWA MFG. CO., LTD.	2,461,211	MODY, VIRENDRA	2,461,279	NATCHUS, MICHAEL GEORGE	2,461,073
MAYER, BORIS	2,461,001	MOE, JODI L.	2,461,080	NATIONAL RESEARCH	
MBONYUMUHIRE, PIERRE	2,461,006	MOHAN, SANKAR K.	2,461,230	COUNCIL OF CANADA	2,419,837
MCCLOSKEY, JENNY, COLLEEN	2,461,140	MOHTA, VINAY B.	2,461,195	NATIONAL TSING HUA	
MCCLURE, ANDREA	2,461,360	MOHTA, VINAY B.	2,461,196	UNIVERSITY	2,419,837
MCCULLOCH, MICHAEL J.	2,461,267	MOLLSTAM, BO	2,461,194	NATWORA, JAMES PHILIP, JR.	2,461,536
MCCULLOUGH, LAUGHLIN G.	2,461,125	MON, JOHN	2,460,907	NEDEZ, CHRISTOPHE	2,461,957
MCDONALD, A. JOHN	2,461,022	MONASH IVF PTY LTD	2,459,725	NEELY, JENNIFER KAYE	2,461,694
MCGLONE, JAMES	2,461,217	MONASH UNIVERSITY	2,459,725	NEIBERGER, SEAN	2,461,308
MCKEOWN, STEVE	2,461,084	MONSANTO TECHNOLOGY		NELSON, BRAD	2,462,216
MCLENNAN, ROBERT	2,461,053	LLC	2,461,040	NEPOMNICHY, BORIS	2,457,915
MCNEIL-PPC, INC.	2,461,354	MONTANO, SERGIO T.	2,461,733	NESSET, DEREK	2,461,541
MEADES, CHRISTOPHER	2,460,909	MONTMINY, EMILE	2,461,558	NESSLER, KAI WILHELM	2,461,408
MECEY, CHRISTY	2,459,915	MOON, IK-JAE	2,460,603	NEUMANN, THOMAS	2,459,231
MEDVINSKY, ALEXANDER	2,461,538	MOORE, JOHN F.	2,461,602	NEVILLE, LEWIS	2,460,509
MEHTA, MANOJ	2,461,299	MOORE, KEVIN WILLIAM	2,461,426	NEVRKLA, VLASTIMIL	2,460,991
MEIER, GUNTHER	2,460,106	MOORE, MICHAEL	2,461,290	NEW VENTURE GEAR, INC.	2,461,230
MEIER, GUNTHER	2,461,135	MORAN, BRIAN	2,461,837	NEWMAN, GERALD M.	2,461,678
MEIER, HEINRICH	2,461,034	MORGAN, COURTNEY FLEM	2,460,027	NEYMANN, PETER-JOACHIM	2,461,355
MELTON, STUART R.	2,461,022	MORGULIS, RAFAEL	2,461,184	NGK INSULATORS, LTD.	2,461,097
MERCK & CO., INC.	2,461,565	MORIKAWA, AKIHIKO	2,460,950	NIEDBALA, R. SAM	2,461,175
MERCK PATENT		MORITA, TAKEHARU	2,461,191	NIELSEN, KLAUS GREGORIUS	2,457,140
GESELLSCHAFT MIT		MORIYAMA, MASAHIRO	2,460,877	NIELSEN, SOEREN JENSBY	2,462,598
BESCHRAENKTER		MORLEY, VIN C.	2,459,096	NIKOLAUS, THOMAS	2,460,923
HAFTUNG	2,459,138	MORO, DANIEL G.	2,459,692	NIPPON STEEL CORPORATION	2,461,014
MERCK SHARP & DOHME		MORONEY, PAUL	2,461,538	NISHIDE, TAKUJI	2,460,844
LIMITED	2,461,426	MOROZUMI, FUMIAKI	2,461,716	NISHIMURA, MASAYUKI	2,461,188
MERRILL, GARY B.	2,461,699	MORRIS, CAROL ANN	2,460,027	NOBLE, STEPHEN DUNCAN	2,460,869
MESHNETWORKS, INC.	2,461,021	MORRIS, PAUL	2,459,338	NOGUCHI, HIROHIDE	2,461,159
METROLOGIC INSTRUMENTS, INC.	2,461,335	MORRISON, JAY A.	2,461,699	NOKIA CORPORATION	2,460,874
METZ, SUZANNE	2,460,939	MORSE, JEFFREY D.	2,461,298	NOKIA CORPORATION	2,461,334
METZ, SUZANNE	2,461,567	MOSHREFZADEH, ROBERT S.	2,461,287	NON-ELEPHANT ENCRYPTION	
MEYER, OLIVER	2,461,574	JOSEPHINE	2,461,262	SYSTEMS (BARBADOS), INC.	2,462,384
MICHELIN RECHERCHE ET TECHNIQUE	2,461,486	MOTOROLA, INC.	2,461,733	NORDSON CORPORATION	2,461,377
MICHELIS, GODEFRIDUS		MOUSSY, ALAIN	2,461,181	NORQUEST, ROBERT C.	2,461,130
AUGUSTINUS MARIA	2,457,419	MOUSSY, ALAIN	2,461,182	NORTEL NETWORKS LIMITED	2,461,475
MIKAMI, MITSUGU	2,461,779	MOUSSY, ALAIN	2,461,183	NOVARTIS AG	2,460,027
MIKI, HIROAKI	2,462,858	MOYA, ISMAEEL	2,461,599	NOVARTIS AG	2,461,085
MIKI, SHOHO	2,460,844	MUDIPALLI, PARTHA S.	2,461,080	NOVARTIS AG	2,461,373
MIKLOSNE KOVACS ANIKO	2,461,510	MUELLER, CHRISTIANE	2,461,472	NOVARTIS AG	2,461,379
MIKLOSNE KOVACS, ANIKO	2,461,467	MUELLER, HARALD	2,461,417	NOVINT TECHNOLOGIES INC.	2,461,724
MILLER, MICHAEL L.	2,461,130	MUELLER, HARALD	2,461,418	NOWAK, STAN	2,459,096
MILLER, WILLIAM	2,461,029	MUELLER, HARALD	2,461,419	NOWOTNIK, DAVID P.	2,459,692
MIMAKI, YOSHIHIRO	2,460,134	MUELLER, HARALD	2,461,420	NUVELO, INC.	2,460,425
MINAMI, NOBUYOSHI	2,460,956	MUELLER, JOSEPH G.	2,461,230	NUVELO, INC.	2,460,621
MINATO, SHUJI	2,461,551	MUELLER, KLAUS-HELMUT	2,460,922	NUVELO, INC.	2,461,280
MIRABILE, JOSEPH A.	2,461,559	MUENCH, CHRISTOPH	2,461,495	OBUHOWICH, GEORGE	2,461,671
MIRAMONTES, IVAN	2,461,024	MUGGE, INGO	2,461,128	ODMAN, KNUT T.	2,461,733
MIROV, SERGEY B.	2,461,096	MULLER, HERIBERT	2,461,417	OGASAWARA, AKIHITO	2,461,100
MITCHEL, HENRY	2,461,138	MULLER, HERIBERT	2,461,420	OGLESBY, KENNETH, D.	2,461,201
MITO, NOBUAKI	2,461,546	MUNS, JONATHAN	2,461,273	OHSAWA, SHINJI	2,461,163
MITO, NOBUAKI	2,461,547	MURPHREE, LAUREN JEAN	2,460,911	OHTA, AKINORI	2,462,942
MITO, NOBUAKI	2,461,548	MURRAY, GEORGE M.	2,461,026	OHTSUKA, TATSUO	2,461,572
MITSUBISHI DENKI		MURRAY, JIM	2,460,800	OHVO, MIKKO	2,461,334
KABUSHIKI KAISHA	2,459,939	MYERS, DENISE K.	2,461,390	OKAJIMA, MASAKI	2,461,014
MITSUI ENGINEERING & SHIPBUILDING CO., LTD.	2,461,302	NAGANO, TAKASHI	2,459,013	OKAMOTO, HIROAKI	2,461,163
MIYAHARA, ITSUO	2,462,831	NAGAOKA, TAKAHIRO	2,461,719	OKAMOTO, TAKAHIRO	2,460,950
MIYAKE, PATRICIA J.	2,461,080	NAGHIEH, HARRY R.	2,461,499	OKIYAMA, GEN	2,462,303
MIYATA, AKIHISA	2,459,939	NAICKER, SELVARAJ	2,460,685	OKUMURA, KIYOSHI	2,461,097
MIYAZAKI, KOICHI	2,460,956	NAKAGAWA, KAKU	2,460,134	OLDHAM, MARK F.	2,461,721
MIYOSHI, HIDETAKA	2,461,100	NAKAGAWA, YASUSHI	2,461,719	O'MEARA, TIMOTHY E.	2,461,307
MIZON, RICHARD	2,461,230	NAKAMURA, AKITO	2,461,011	OMRON CORPORATION	2,462,170
MIZUNO, KIMIHIRO	2,461,187	NAKAMURA, YUTAKA	2,460,903	O'NEAL, TODD	2,461,167
MOBLEY, JOSEPH GRAHAM	2,460,772	NAKANISHI, HIDEO	2,460,950	O'NEILL, TERRENCE J.	2,460,995
MOCENTER, MICHAEL	2,461,837	NANKIVELL, PETER HUGH	2,461,016	ONIPCHENKO, OLEKSANDR	2,461,032
		NAPOLI, ALESSANDRO	2,460,928	ONO PHARMACEUTICAL CO., LTD.	2,461,545
		NARAYANAN, KRISHNASWAMY	2,461,349	ONO, GOLCHIRO	2,460,994

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OON, YEONG KUANG	2,461,214	PHARMACIA & UPJOHN		QUALCOMM INCORPORATED	2,461,018
ORACLE INTERNATIONAL		COMPANY	2,461,369	QUALCOMM INCORPORATED	2,461,580
CORPORATION	2,462,109	PHARMACIA AB	2,461,517	QUALCOMM INCORPORATED	2,461,649
ORASURE TECHNOLOGIES,		PHARMACIA AB	2,461,757	QUAN, MIMI	2,461,202
INC.	2,461,175	PHARMACIA CORPORATION	2,460,939	QUARTEX, INC.	2,460,995
ORAVAINEN, JUHA	2,460,874	PHARMACIA CORPORATION	2,461,044	RAESAENEN, JUHA	2,460,874
O'REILLY, LORRAINE ANN	2,460,092	PHARMACIA CORPORATION	2,461,080	RAESAENEN, JUHA A.	2,461,334
ORRILL, SUSAN LEE	2,461,686	PHARMACIA CORPORATION	2,461,567	RAGACTIVES, S.L.	2,461,221
ORTHO-MCNEIL		PHARMEXA A/S	2,457,140	RAJAGOPAL, SRIRAM	2,461,089
PHARMACEUTICAL, INC.	2,460,947	PHILBIN, M. BRENDAN	2,461,009	RALPH, JAMES D.	2,461,791
ORWAT, MICHAEL	2,461,202	PHILLIPS, ROBERT JOHN	2,461,008	RAMACHANDRAN,	
OSAKADA, FUMIO	2,462,942	PHOENIX SCIENTIFIC		JANAKIRAMAN	2,461,710
OSHITA, TAKAHIRO	2,461,716	CORPORATION	2,460,996	RANBAXY LABORATORIES	
OSNOWSKI, ANDREW	2,460,909	PIERRE FABRE DERMO-		LIMITED	2,461,042
OSTENDORF, WARD WILLIAM	2,461,160	COSMETIQUE	2,461,346	RANBAXY LABORATORIES	
OTSUBO, TOSHIFUMI	2,461,707	PIEST, IVO	2,457,419	LIMITED	2,461,087
OTSUBO, TOSHIFUMI	2,461,717	PIKE, GREGORY CHARLES	2,460,904	RANDOLPH, CATHERINE	
OUTHRED, LUCEILLE	2,461,016	PILLARISETTI, SIVARAM	2,461,074	MAILHE	2,461,694
OWEN, DAVID A.	2,461,615	PINGLETON, EDWARD D.	2,461,166	RAO, SUBRAMANYA P.	2,460,957
OYAGI, MASAYUKI	2,462,170	PINTO, DONALD	2,461,202	RASMUSSEN, PETER BIRK	2,457,140
OZAWA, FUMIYUKI	2,461,191	PIZZA, MARIAGRAZIA	2,459,816	RATTEL, INES	2,461,268
OZEKI, YUICHI	2,461,457	PLAYTEX PRODUCTS, INC.	2,461,126	RAY, JAMES N.	2,460,990
P & W INVEST VERMOEGENS		PLAYTEX PRODUCTS, INC.	2,461,130	RAY, JEAN-LOUIS	2,461,957
VERWALTUNGSGESELLS		PODOLSKY, DANIEL K.	2,462,291	RAY, PURNA CHANDRA	2,461,087
CHAFT MBH	2,461,409	POLAK, WALTER	2,461,409	RAYTHEON COMPANY	2,461,559
PACKHAM, ROBERT RICHARD	2,460,722	POLYSERVE, INC.	2,461,015	REAM, MATTHEW R.	2,460,638
PADMANABHAN, SRIRAM	2,461,710	PONTZEN, ROLF	2,460,922	REBLEWSKI, FREDERIC	2,461,540
PADWA, ALLEN R.	2,461,234	POOLE, JASON	2,459,155	REDDY US THERAPEUTICS,	
PALANDOKEN, HASAN	2,461,213	POPOVSKY, FRANK	2,461,497	INC.	2,461,074
PALLI, SUBBA REDDY	2,459,807	PORTER, JEFFERY	2,461,709	REHRIG PACIFIC COMPANY	2,461,554
PALLI, SUBBA REDDY	2,459,827	PORTMAN, ERIC A.	2,460,896	REITER, EDMUND	2,461,320
PALMER, GREGG J.	2,460,353	POTHUKUCHI, SAIRAM	2,461,089	REITER, JOSEPH S.	2,461,837
PAN, HANFANG	2,461,018	POTTAGE, ALAN VICTOR	2,461,678	REJAI, JAMSHID	2,461,130
PAN, JUNG-LIN	2,460,799	POTTER, JASON	2,460,546	RELLER, HORST	2,461,115
PANDELISEV, KIRIL A.	2,460,996	POWELL, JOSEPH BROUN	2,461,284	REN, FEIYAN	2,460,621
PANITCH, ALYSSA	2,458,574	POWERS, ROUSELL D.	2,459,173	REN, FEIYAN	2,461,280
PAPANIKOLAOU, VASILIS	2,460,988	PPG INDUSTRIES OHIO, INC.	2,461,028	RENTECH, INC.	2,461,685
PARK, DAVID W.	2,461,475	PPG INDUSTRIES OHIO, INC.	2,461,677	REO, JOSEPH P.	2,461,044
PARK, JONG-GU	2,460,603	PRATT, STEPHEN G.	2,461,134	RESEARCH IN MOTION	
PARKER, GREG	2,461,316	PRAXAIR TECHNOLOGY, INC.	2,459,682	LIMITED	2,461,075
PASQUALINI, RENATA	2,458,047	PRAXAIR TECHNOLOGY, INC.	2,461,536	RESEARCH IN MOTION	
PATON, ALAN STEWART	2,455,143	PRC-DESOTO		LIMITED	2,461,319
PAULSEN, CRAIG A.	2,460,804	INTERNATIONAL, INC.	2,461,671	RETTIG, MARTIN	2,461,450
PAUSER, HELMUT	2,460,871	PREININGER, CLAUDIA	2,460,981	REVUELTA DOVAL, JOSE L.	2,456,828
PAVLIK, RUDOLF	2,461,308	PREMIER PACIFIC SEAFOODS	2,461,535	REY, MAX	2,461,450
PAYMENTONE CORPORATION	2,461,009	PREMIER WOOD TREATING,		RHEOGENE HOLDINGS, INC.	2,459,807
PEAK PRODUCTS		L.L.C.	2,460,990	RHEOGENE HOLDINGS, INC.	2,459,827
MANUFACTURING INC.	2,456,464	PRESIDENT AND FELLOWS OF		RICH, MARK M.	2,462,632
PEDERSEN, FINN SKOU	2,460,642	HARVARD COLLEGE	2,457,695	RIDEOUT, TOM	2,461,395
PEGG, STEVEN IAN	2,460,722	PRICE, STEPHEN	2,461,709	RIEGER, JAYSON M.	2,460,911
PEISALO, JORMA	2,461,334	PRICE, WILLIAM P.	2,460,964	RITCHIE, JOHN A., JR.	2,460,772
PENDELL, GORDON ZACHARY	2,461,339	PRIETO VALTUENA, JESUS	2,461,007	RITTER, ERIC D.	2,461,127
PEREZ, EDWARD P.	2,461,370	PRITCHARD, P. HAYDN	2,461,136	RIVIERE, PHILIPPE	2,459,791
PERILLON, JEAN-LUC	2,461,342	PROCEDYNE CORP.	2,460,007	ROBERTS, GERALD B.	2,461,646
PERKINS, JEFFREY A.	2,461,377	PROCTOR, RICHARD A.	2,461,197	ROBERTS, GLYN	2,460,663
PESCE, ANTONELLA	2,461,674	PROCTOR, RICHARD A.	2,461,291	ROBERTS, GLYN	2,460,760
PETERKA, PETR	2,461,538	PROFIL		ROBINSON, JAMES ELLIOTT	2,461,262
PETERSON, LARRY	2,459,338	VERBUNDUNGSTECHNICK		ROBY, MARK S.	2,460,158
PETERSON, RICHARD A., JR.	2,461,287	GMBH & CO. KG	2,461,268	RODRIGUEZ, RENEE	2,461,513
PETERSON, ROB	2,461,566	PURCELL SYSTEMS, INC.	2,461,029	RODRIGUEZA, WENDI	2,461,702
PETTIGREW, JOHN DOUGLAS	2,461,356	PURDUE RESEARCH		RODSTROM, THERON R.	2,461,555
PEUKER, MARC	2,460,871	FOUNDATION	2,457,301	ROGERS, JOHN	2,457,821
PFAENDLER, HANS, RUDOLF	2,461,577	PURINA MILLS, LLC	2,457,301	ROGERS-EVANS, MARK	2,461,296
PFEIFFER, J. DAVID	2,461,392	PY, DANIEL	2,461,000	ROKOP, TERENCE M.	2,461,015
PFIZER INC.	2,461,159	PYNTIKOV, ALEXANDER V.	2,464,059	ROMERO, ANTONIO	2,461,213
PFIZER INC.	2,461,168	QIAO, JENNIFER	2,461,202	RONINSON, IGOR B.	2,459,155
PFIZER PRODUCTS INC.	2,460,118	QINETIQ LIMITED	2,461,174	RONK, AARON	2,461,230
PFIZER PRODUCTS INC.	2,461,686	QIU, YONGXING	2,460,027	ROSE, PETER ROBERT	2,461,686

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ROSSET, PATRICE JEAN-MARC	2,461,149	SCHMIDT, EVA	2,461,510	AKTIENGESELLSCHAFT	2,461,419
ROSSI, JEAN-PIERRE	2,461,155	SCHMIDT, JOSEPH MICHAEL	2,460,273	SIEMENS	
ROSSI, MARIE-JOSE	2,461,155	SCHMIDT, RONALD WARREN	2,460,273	AKTIENGESELLSCHAFT	2,461,420
ROSSO, JAMES CHARLES		SCHNURR, JEFFREY R.	2,461,075	SIEMENS	
PETER	2,460,273	SCHOLZ, MATTHEW T.	2,461,553	AKTIENGESELLSCHAFT	2,461,469
ROTHENBERG, JOSHUA E.	2,461,527	SCHRODI, KARL	2,460,993	SIEMENS	
ROUSSEAU, WILLIAM H.	2,461,031	SCHRODI, KARL	2,460,998	AKTIENGESELLSCHAFT	2,461,472
ROY, DEBJANI	2,462,928	SCHUBERT, MANFRED	2,461,568	SIEMENS	
ROYCE, DOUGLAS ALLAN	2,459,648	SCHULT, ALLEN	2,461,338	AKTIENGESELLSCHAFT	2,461,482
RUBIN, LEE L.	2,461,709	SCHULTZ, ROBERT L.	2,461,134	SIEMENS	
RUBINO, GIOVANNI	2,460,007	SCHULZ, STEPHEN C.	2,461,287	AKTIENGESELLSCHAFT	2,461,487
RUEDA, LUIS	2,460,863	SCHWARTZ, STEVEN J.	2,461,167	SIEMENS	
RUEF, RICHARD	2,461,025	SCHWARZ, HANS-GEORG	2,460,922	AKTIENGESELLSCHAFT	2,461,492
RUSSELL, MICHAEL		SCHWIER, WOLFGANG	2,459,231	SIEMENS	
GEOFFREY NEIL	2,461,426	SCIENTIFIC ATLANTA INC.	2,460,772	AKTIENGESELLSCHAFT	2,461,495
RYU, HEUNG-GYOOUN	2,461,090	SCOTSE, MICHAEL J.	2,461,017	SIEMENS	
RYZHKOV, VLADISLAV		SCOTT LABORATORIES, INC.	2,461,312	AKTIENGESELLSCHAFT	2,461,500
ANDREEVITCH	2,461,578	SCOTT, JOHN W.	2,461,175	SIEMENS	
SAAKE, MARK	2,461,025	SCOTT, MICHAEL J.	2,461,531	AKTIENGESELLSCHAFT	2,461,530
SAFE EFFECT PTY LTD	2,459,096	SCOTT, WILLIAM J.	2,461,360	SIEMENS	
SAFFIL LIMITED	2,461,544	SEAL, BRANDON	2,458,574	AKTIENGESELLSCHAFT	2,461,763
SAGAWA, HIROAKI	2,458,127	SEAQUIST-LOFFLER		SIEMENS MEDICAL	
SAIJO, KINJI	2,461,163	KUNSTOFFWERK GMBH	2,460,786	SOLUTIONS HEALTH	
SAIKA, MASAOKI	2,461,012	SECONDO, MICHAEL CHARLES		SERVICES CORPORATION	2,461,612
SAITO, HIROMICHI	2,461,681		2,461,688	SIEMENS SCHWEIZ AG	2,461,414
SAKAI, HIROAKI	2,461,097	SEITZ, FORREST S.	2,461,390	SIEMENS WESTINGHOUSE	
SAKATA, KIYOAKI	2,461,572	SEKI, TSUTOMU	2,461,163	POWER CORPORATION	2,461,699
SAKURAI, HIROAKI	2,461,100	SEKISUI CHEMICAL CO., LTD.	2,461,191	SIERRA WIRELESS, INC.	2,461,024
SALAGNAD, CHRISTOPHE	2,459,246	SEYMOUR, CHRISTINE B.	2,461,080	SILICA TECH ANS	2,461,683
SALIM, SATERIA	2,461,536	SHAH, SAURIN	2,461,299	SILVA, ROBERT N.	2,459,623
SALMAN, MOHAMMAD	2,461,087	SHAH, UDAY J.	2,461,044	SILVA, ROBERT N.	2,459,645
SALTARELLI, MARIO DAVID	2,460,118	SHANDILYA, HARINI	2,460,546	SILVENTE, STEPHANE	2,459,791
SALTSOV, LEON	2,461,032	SHANER, DONALD A.	2,461,134	SIMIG, GYULA	2,461,467
SALVATINI, BENJAMIN	2,461,167	SHAO, JIANXING	2,461,128	SIMIG, GYULA	2,461,510
SAMSUNG ELECTRIC CO., LTD.	2,461,090	SHEAFF, JON PHILIP	2,461,084	SIMMONDS, STEPHEN M.	2,461,018
SANGAMO BIOSCIENCES, INC.	2,461,290	SHEIKH, AHMAD Y.	2,461,080	SIMPSON, NEIL ANDREW	
SANHUEZA, SONIA E.	2,462,574	SHELL CANADA LIMITED	2,462,215	ABERCROMBIE	2,461,278
SANOUEIRA, JAMES	2,461,126	SHELL INTERNATIONALE		SIMPSON, TODD A.	2,461,416
SANWA KAGAKU KENKYUSHO		RESEARCH		SINHA, ANAND	2,461,075
CO., LTD.	2,461,457	MAATSCHAPPIJ B.V.	2,461,158	SIT LA PRECISA S.P.A.	2,461,152
SANYO ELECTRIC CO., LTD.	2,460,877	SHELL INTERNATIONALE		SIVADAS, APU	2,460,988
SANYO TECNOSOUND CO.,		RESEARCH		SJOBERG, ELISABETH	2,461,194
LTD.	2,460,877	MAATSCHAPPIJ B.V.	2,461,284	SKYLINE DISPLAYS, INC.	2,461,103
SAPPORO BREWERIES		SHEN, SHENG MEI	2,460,471	SLABAS, ANTONI RYSZARD	2,463,166
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SARVER, CHARLES H.	2,461,276	SHEPPARD, RICHARD O.	2,461,685	SMITH, DENNIS	2,460,907
SASAKI, KAORI	2,461,716	SHIBATA, TETSUO	2,462,303	SMITH, JANET SARAH	2,461,168
SASHIDA, YUTAKA	2,460,134	SHIBAYAMA, SHIRO	2,461,545	SMITH, RYAN	2,461,411
SATO, MAKOTO	2,459,013	SHIBUYA, SHINSUKE	2,461,546	SMS DEMAG	
SATO, MASAHIRO	2,461,764	SHIBUYA, SHINSUKE	2,461,547	AKTIENGESELLSCHAFT	2,461,004
SAVOIE, TROY	2,461,103	SHIBUYA, SHINSUKE	2,461,548	SMS DEMAG	
SAXENA, UDAY	2,461,074	SHIKAMA, SHINSUKE	2,459,939	AKTIENGESELLSCHAFT	2,461,568
SCHAEDE, JOHANNES GEORG	2,461,359	SHIMBO, KUNIYAKI	2,461,698	SMS DEMAG	
SCHAEFER, JOSEPH	2,461,156	SHOWA DENKO K.K.	2,461,698	AKTIENGESELLSCHAFT	2,461,569
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SCHAFFER, ELDON	2,460,786	SHUKLA, RAJIV KUMAR	2,460,988	SNECMA MOTEURS	2,461,149
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SCHEITHAUER, GERHARD	2,461,472	SIBLEY, ROBERT	2,461,360	NESTLE S.A.	2,457,821
SCHERBA, EMIL, S.	2,461,748	SIDLER, DANIEL	2,461,565	SOCIETE DES PRODUITS	
SCHILKE, TOBIN C.	2,461,080	SIEMENS		NESTLE S.A.	2,459,791
SCHIMMER, JUERGEN	2,461,469	AKTIENGESELLSCHAFT	2,460,993	SODOYER, REGIS	2,462,710
SCHIMMER, JUERGEN	2,461,472	SIEMENS		SOGHOMONIAN, ZAREH	2,464,059
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SCHIMMER, JUERGEN	2,461,495	SIEMENS		POLYMERS	2,460,879
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INTERNATIONAL, INC.	2,461,513	AG	2,461,439	COMPANY	2,461,072
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(MICHIGAN) INC.	2,460,273	SYVERSON, RAE ELLEN	2,461,291	COMPANY	2,461,073
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SPRINGER, ARTHUR LANCE	2,461,306	SZIEBERTH, MATE	2,461,102	COMPANY	2,461,674
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SRIRAM, BHARATHI	2,461,710	INC.	2,461,561	CALIFORNIA	2,461,298
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STAFFIN, H. KENNETH	2,460,007	TAILOR, BHARAT	2,460,988	QUEENSLAND	2,461,356
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STEWART, DONALD IAN HALL	2,462,531	TANG, TOM Y.	2,461,280	SERGE FERRARI SA	2,461,342
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