



Canadian
Intellectual Property
Office

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Office de la propriété
intellectuelle
du Canada

Un organisme
d'Industrie Canada

ISSN-1712-4034



Canadian Patent Office Record

Gazette du Bureau des brevets

Vol. 133 No. 12 March 22, 2005

Vol. 133 N° 12 le 22 mars 2005

Canada 

CIPO  OPIC

THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

The Canadian 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

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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 disponibilité du public
- [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] - Nom(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 Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection 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 de l'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 expiré, 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 *Canadian 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

2,182,991
2,228,450
2,235,244

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.

2,182,991
2,228,450
2,235,244

9. Applications Open to Public Inspection

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, déposés au Bureau des brevets depuis le 1^{er} 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 à 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 JULY 26, 2004

1. Transmittal Fee (Rule 14)	\$300
2. * International Filing Fee (Rule 15.2(a))	\$1489
Amount for each additional sheet over 30	\$16
3. International Search Fee	\$1600

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

6. Handling Fee (Rule 57.2(a))	\$213
7. Preliminary Examination Fee (Rule 58)	\$800

Beginning July 26, 2004, Canada will become the International Searching Authority and International Preliminary Examining Authority for international applications filed by Canadian applicants.

* 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 26 JUILLET 2004

1. Taxe de transmission (Règle 14)	300 \$
2. * Taxe de dépôt internationale (Règle 15.2(a))	1489 \$
Montant pour chaque feuille au delà de 30	16 \$
3. Taxe de recherche internationale	1600 \$

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

6. Taxe de traitement (Règle 57.2(a))	213 \$
7. Taxe d'examen préliminaire (Règle 58)	800 \$

A partir du 26 juillet 2004, le Canada deviendra officiellement l'Autorité de Recherche Internationale et d'Examen Préliminaire Internationale pour les demandes internationales déposées par les demandeurs canadiens.

* 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 - World Intellectual Property Organization 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 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 Web site 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 Gatineau, 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

12. Avis PCT

Exigences des signatures du PCT

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

(Voir le Guide du déposant du PCT, <http://www.wipo.int>)

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle 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 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 Gatineau, 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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and not on 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 Gatineau, 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 whether such extensions would be recognized by other coun-

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 Gatineau, 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 où ces deux circonstances n'existent 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 l'acceptation éventuelle de ces prorogations par d'autres pays; il

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tries 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.

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

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 ne sont pas des jours fériés pour l'administration fédérale, mais ils 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.

*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.

Notices

14. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 22, 2005 contains applications open to public inspection from February 27, 2005 to March 5, 2005

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 27 février 2005 au 5 mars 2005

Avis

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[54] APPAREIL SERVANT AU TRAITEMENT DES EAUX RESIDUAIRES A TENEUR EN MATIERES ORGANIQUES ET CONTACTEUR UTILISE DANS CET APPAREIL
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[73] NET CO., LTD., JP
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[11] **2,071,557**
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[54] UTILISATION DE L'ITERATION POUR AMELIORER LA CORRECTION DU DESEQUILIBRE DE GAIN ENTRE CANAUX DEPENDANT DE LA CAG
[72] PRINGLE, RICHARD C., US
[73] RAYTHEON COMPANY, US
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[11] **2,087,912**
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[51] Int.Cl. 5C09D 167/08 5C09D 157/00 5C08J 11/24
[25] EN
[54] AQUEOUS COATING COMPOSITIONS FROM POLYETHYLENE TEREPHTHALATE
[54] COMPOSITIONS DE REVETEMENT AQUEUSES OBTENUES A PARTIR DE POLY(TEREPHTHALATE D'ETHYLENE)
[72] RAO, MADHUKAR, US
[72] TOMKO, RICHARD F., US
[72] SAYRE, DANIEL R., US
[72] LESNEY, WILLIAM B., US
[73] THE SHERWIN-WILLIAMS COMPANY, US
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[54] PROCEDE DE DESHYDROGENATION A HAUTE TEMPERATURE
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[54] METHODS FOR SPEECH QUANTIZATION AND ERROR CORRECTION
[54] METHODES DE QUANTIFICATION ET DE CORRECTION D'ERREUR DE LA PAROLE
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[72] LIM, JAE S., US
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[54] **DOMED LID FOR REFUSE CONTAINER**
[54] **COUVERCLE DE POUHELLE EN FORME DE DOME**
[72] CRAFT, CHARLES W., US
[72] WOLFF, STACY L., US
[73] RUBBERMAID INCORPORATED, US
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[30] US (07/916,273) 1992-07-21

[11] **2,101,693**
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[51] **Int.Cl. 5G01G 13/295**
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[54] **SCALE HAVING VARIABLE THICKNESS DOCUMENT FEED BELT WITH FEED TRANSPORT CONTROL**
[54] **BALANCE AVEC COURROIE D'ALIMENTATION DE DOCUMENT A EPAISSEUR VARIABLE ET AVEC COMMANDE DE TRANSPORT D'ALIMENTATION**
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[54] **METHODE DE PRODUCTION D'ANTICORPS HUMANISES**
[72] CARTER, PAUL J., US
[72] PRESTA, LEONARD G., US
[73] GENENTECH, INC., US
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[13] C

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[25] EN
[54] **METHOD OF EFFECTING START-UP OF A COLD STEAM TURBINE SYSTEM IN A COMBINED CYCLE PLANT**
[54] **METHODE DE MISE EN MARCHÉ EFFICACE D'UNE TURBINE A VAPEUR DANS UNE CENTRALE A CYCLE MIXTE**
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[72] TOMLINSON, LEROY O., US
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[11] **2,120,952**
[13] C

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[54] **SNAP-ON, SCREW-OFF CAP AND CONTAINER NECK**
[54] **CAPSULE A ENCLIQUETER DEVISSABLE ET COL DE BOUTEILLE**
[72] LUCH, DANIEL, US
[72] REPP, RICHARD E., US
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[13] C

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[54] **SCREENING METHOD FOR IDENTIFYING WOMEN AT INCREASED RISK FOR PRETERM DELIVERY**
[54] **METHODE DE DEPISTAGE DE FEMMES A RISQUE ELEVE D'ACCOUCHEMENT PREMATURE**
[72] SENYEI, ANDREW E., US
[72] CASAL, DAVID C., US
[73] ADEZA BIOMEDICAL CORPORATION, US
[85] 1994-04-19
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[30] US (891,267) 1992-05-29

[11] **2,124,753**
[13] C

[51] **Int.Cl. 5G06F 15/40**
[25] EN
[54] **MODIFIED BUDDY SYSTEM FOR MANAGING DISK SPACE**
[54] **SYSTEME MODIFIE DE GESTION EN DUO DE L'ESPACE SUR DISQUE**
[72] ZBIKOWSKI, MARK, US
[72] FERGUSON, ROBERT I., US
[73] MICROSOFT CORPORATION, US
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[11] **2,124,911**
[13] C

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[25] EN
[54] **APPARATUS AND METHOD FOR MAKING ABSORBENT PRODUCTS CONTAINING A FIRST MATERIAL DISPERSED WITHIN A SECOND MATERIAL**
[54] **INSTALLATION ET METHODE POUR FABRIQUER DES ARTICLES ABSORBANTS CONTENANT UN PREMIER MATERIAU EN DISPERSION DANS UN DEUXIEME MATERIAU**
[72] GRIFFOUL, THOMAS, US
[72] WISLINSKI, MARTIN, US
[73] MCNEIL-PPC INC., US
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[54] **ELASTOMERIC PRESSURE-SENSITIVE ADHESIVE COMPOSITIONS EXHIBITING GOOD CUTTING PERFORMANCE**
[54] **COMPOSITIONS D'ADHESIF AUTOCOLLANT ELASTOMERIQUE DE COUPE FACILE**
[72] SASAKI, YUKIHIKO, US
[72] ERCILLO, JESSE CONCEPCION, US
[73] AVERY DENNISON CORPORATION, US
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[13] C

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[54] **PYROPHEOPHORBIDES AND THEIR USE IN PHOTODYNAMIC THERAPY**
[54] **PYROPHEOPHORBIDES ET LEUR UTILISATION EN THERAPIE PHOTODYNAMIQUE**
[72] PANDEY, RAVINDRA K., US
[72] DOUGHERTY, THOMAS J., US
[73] HEALTH RESEARCH INC., US
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[13] C

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[25] EN
[54] **MULTI-PLY BATTERY SEPARATOR AND PROCESS OF FORMING**
[54] **ISOLATEUR D'ACCUMULATEUR MULTICOUCHE ET SA METHODE DE FABRICATION**
[72] TROFFKIN, HOWARD JULIAN, US
[72] REIN, BURTON MAXWELL, US
[72] SPOTNITZ, ROBERT MARK, US
[72] GIOVANNONI, RICHARD THOMAS, US
[72] GUO, YIHONG, US
[73] CELGARD INC., US
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[13] C

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[54] **VIRUS RECOMBINANT DE LA VARIOLE PORCINE**
[72] COCHRAN, MARK D., US
[72] JUNKER, DAVID E., US
[73] SYNTRO CORPORATION, US
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[25] EN
[54] **REGENERATOR**
[54] **RECUPERATEUR**
[72] FASSBINDER, HANS-GEORG, DE
[73] L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE PO UR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 1994-07-14
[86] 1993-11-11 (PCT/EP1993/003169)
[87] (WO1994/011693)
[30] DE (P 42 38 652.7) 1992-11-16

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[13] C

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[54] **LAYERED CHEWING GUM CONFECTION**
[54] **GOMME A MACHER FOURREE**
[72] KABSE, KISHOR, CA
[72] HAGER, WALTER J., CA
[73] CADBURY ADAMS USA LLC, US
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[30] US (08/132063) 1993-10-04

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[13] C

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[25] EN
[54] **PROCESS FOR MANUFACTURING OPTICAL FIBER RIBBONS**
[54] **METHODE DE FABRICATION DE RUBANS A FIBRES OPTIQUES**
[72] RAHMAN, MUJIBAR M., US
[72] TONDI-RESTA, JOSE' LUIS, US
[72] FITZ, JONATHAN G., US
[72] WELLS, BEN H., US
[73] PIRELLI CABLE CORPORATION, US
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[30] US (08/171,023) 1993-12-21

[11] **2,130,768**
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[51] **Int.Cl. 5F16F 15/34**
[25] EN
[54] **COUNTERWEIGHT ATTACHMENT TECHNIQUE**
[54] **TECHNIQUE DE FIXATION DE CONTREPOIDS**
[72] RHODA, DONALD A., US
[72] DUTKIEWICZ, JEFFREY A., US
[72] GOULD, JERRY E., US
[72] COX, ANTHONY M., US
[72] REYNOLDS, JAMES T., US
[73] DANA CORPORATION, US
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[30] US (111,492) 1993-08-25

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[51] **Int.Cl. 5B30B 9/20 5D21F 3/08 5D21C 9/18**
[25] EN
[54] **LIQUID TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DES LIQUIDES**
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[73] VALMET FIBERTECH AKTIEBOLAG, SE
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[51] **Int.Cl. 5A61L 33/00 5A61L 27/00**
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[54] **SURFACES POLYMERES RECOUVERTES DE FIBRINE**
[72] RUBENS, FRASER D., CA
[72] BISHOP, PAUL D., US
[73] MCMASTER UNIVERSITY, CA
[73] ZYMOGENETICS, INC., US
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[30] US (07/872,483) 1992-04-23

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[13] C

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[25] EN
[54] **SYNTHETIC PEPTIDE VACCINES FOR DENTAL CARIES**
[54] **VACCINS PEPTIDIQUES SYNTHETIQUES CONTRE LA CARIE DENTAIRE**
[72] TAUBMAN, MARTIN A., US
[72] SMITH, DANIEL J., US
[73] FORSYTH DENTAL INFIRMARY FOR CHILDREN, US
[85] 1994-10-31
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[25] EN
[54] **METHOD OF STORING ACTIVE FILMS**
[54] **METHODE DE STOCKAGE DE FILMS ACTIFS**
[72] WEINBERG, ALAN S., US
[73] CRYOVAC, INC., US
[22] 1994-11-02
[30] US (248,901) 1994-05-25

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[13] C

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[72] BERETTA, ALBERTO, IT
[73] FONDATION MONDIALE RECHERCHE ET PREVENTION SIDA, FR
[73] FONDAZIONE CENTRO S. RAFFAELE DEL MONTE TABOR, IT
[85] 1994-11-10
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[72] FLICK, KLEMENS, DE
[72] POLANEK, PETER, DE
[72] POSSELT, DIETMAR, DE
[73] BASF AKTIENGESELLSCHAFT, DE
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[13] C

[51] **Int.Cl. 5C09K 5/00 5D06N 3/00 5A41D 31/02**
[25] EN
[54] **FABRIC WITH REVERSIBLE ENHANCED THERMAL PROPERTIES**
[54] **TISSU AVEC PROPRIETES THERMIQUES REVERSIBLES ET AMELIORES**
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[72] COLVIN, DAVID P., US
[73] TRIANGLE RESEARCH AND DEVELOPMENT CORPORATION, US
[85] 1994-12-07
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[30] US (07/891,236) 1992-05-29

[11] **2,139,207**
[13] C

[51] **Int.Cl. 5C25D 3/46 5C25D 7/10 5F16C 33/12**
[25] EN
[54] **SLIDING PARTS AND METHOD OF PRODUCING SAME**
[54] **PIECES COULISSANTES ET LEUR METHODE DE FABRICATION**
[72] IKEDA, NOBUKAZU, JP
[72] YAMAJI, MICHIO, JP
[72] SHINOHARA, TSUTOMU, JP
[72] MORIMOTO, AKIHIRO, JP
[72] OHMI, TADAHIRO, JP
[73] OHMI, TADAHIRO, JP
[73] FUJIKIN INCORPORATED, JP
[22] 1994-12-28
[30] JP (5-333947) 1993-12-28

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[13] C

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[25] EN
[54] **PROCESS AND DEVICE FOR AVOIDING FRAUD ON A TAXI EQUIPPED WITH A TAXIMETER OR ON A TRUCK EQUIPPED WITH A CHRONOTACHOGRAPH**
[54] **METHODE ET DISPOSITIF POUR EMPECHER LA FRAUDE DANS LES TAXIS EQUIPES D'UN TAXIMETRE OU DANS LES CAMIONS EQUIPES D'UN TACHYGRAPHE**
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[73] RICARD, CLAUDE, FR
[22] 1995-01-10
[30] FR (94 01046) 1994-01-25
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[13] C

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[25] EN
[54] **ANTIBIOTIC WAP-8294A,
METHOD FOR PREPARING THE SAME
AND ANTIBACTERIAL COMPOSITION**
[54] **ANTIBIOTIQUE WAP-8294A,
METHODE DE FABRICATION ET
COMPOSITION ANTIBACTERIENNE**
[72] OHASHI, YOSHITAMI, JP
[72] HIRATA, HARUHISA, JP
[72] NAKAYA, SEIGO, JP
[72] KATOU, AZUSA, JP
[72] AIBA, YUJI, JP
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[72] MAEDA, MAKOTO, JP
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[54] **METHODE DE TEINTURE DU
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[72] NILZ, CLAUDIA, DE
[72] SENDHOFF, NORBERT, DE
[72] BREITSCHAFT, WALTER, DE
[72] ZILLIG, MANFRED, DE
[72] LORENCAK, PRIMOZ, DE
[73] BASF AKTIENGESELLSCHAFT, DE
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[54] **BASE DE PRELEVEMENT POUR
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[72] CHAPMAN, DONALD L., US
[72] GOOD, DEBORA L., US
[72] YOUNG, MICHAEL S., US
[73] SQUARE D. COMPANY, US
[85] 1995-04-11
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[30] US (08/113,564) 1993-08-27

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[54] **SLIT ELASTIC FIBROUS
NONWOVEN LAMINATES**
[54] **LAMINES FIBREUX ET
ELASTIQUE NON TISSES
COMPORTANT DES FENTES**
[72] ABUTO, FRANK PAUL, US
[72] DIAMOND, ANDREW EDWARD, US
[72] LEVY, RUTH LISA, US
[72] SMITH, STEPHEN CLARK, US
[73] KIMBERLY-CLARK WORLDWIDE,
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[54] **NOVEL SPHINGOLYCOLIPIDS
AND THE USE THEREOF**
[54] **NOUVEAUX
SPHINGOLYCOLIPIDES ET LEUR
UTILISATION**
[72] AKIMOTO, KOJI, JP
[72] KOEZUKA, YASUHIKO, JP
[73] KIRIN BEER KABUSHIKI KAISHA,
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[13] C

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[25] EN
[54] **BALLPOINT PEN TIP,
MANUFACTURING METHOD
THEREFOR, AND BALLPOINT PEN
USING THE SAME**
[54] **POINTE DE STYLO-BILLE,
METHODE DE FABRICATION ET
STYLO UTILISANT UNE TELLE
POINTE**
[72] ANDO, MASASHI, JP
[72] SEKINE, NOBUO, JP
[72] KONDO, MASAHIRO, JP
[72] ASAMI, HIDEAKI, JP
[72] MATSUBARA, NOBUO, JP
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FAULTS**
[54] **SYSTEME EXPERT POUR LA
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[72] RUSSELL, B. DON, US
[73] THE TEXAS A&M UNIVERSITY
SYSTEM, US
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[11] **2,149,143**
[13] C

[51] **Int.Cl. 6A61F 13/15**
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METHOD FOR ITS MANUFACTURING**
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[72] CARLBARK, OLLE, SE
[73] SCA HYGIENE PRODUCTS
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[72] KANEKO, YUTAKA, JP
[73] TETRA LAVAL HOLDINGS &
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[85] 1995-06-20
[86] 1993-12-28 (PCT/JP1993/001927)
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[54] **ALLIAGES A BASE DE TI, RU, FE
ET O ET USAGE DE CEUX-CI POUR LA
FABRICATION DE CATHODES POUR
LA SYNTHESE ELECTROCHIMIQUE
DU CHLORATE DE SODIUM**
[54] **TI, RU, FE AND O ALLOYS; USE
THEREOF FOR PRODUCING
CATHODES USED FOR
ELECTROCHEMICALLY
SYNTHESIZING SODIUM CHLORATE**
[72] SCHULZ, ROBERT, CA
[72] VAN NESTE, ANDRE, CA
[72] BOILY, SABIN, CA
[72] SHIZE, JIN, CA
[73] HYDRO-QUEBEC, CA
[22] 1995-07-21

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[54] **MARGARINES NATURELLES
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[72] LANSBERGEN, GABRIEL JACOBUS
T., NL
[73] UNILEVER PLC, GB
[85] 1995-07-24
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[25] FR
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ET PRODUITS OBTENUS A PARTIR DE
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NAPPE**
[54] **HYDROPHILIC COTTON LAP AND
PRODUCTS OBTAINED BY
PROCESSING SAME**
[72] NEVEU, JEAN-LOUIS, FR
[73] GEORGIA-PACIFIC FRANCE, FR
[85] 1995-07-27
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[11] **2,155,140**
[13] C
[51] **Int.Cl. 6H05B 41/29**
[25] EN
[54] **BALLAST CONTAINING
PROTECTION CIRCUIT FOR
DETECTING RECTIFICATION OF ARC
DISCHARGE LAMP**
[54] **RESISTANCE DE PROTECTION
SERVANT A DETECTER LE
REDRESSEMENT DANS UNE LAMPE A
DECHARGE D'ARC**
[72] SUN, YIYOUNG, US
[73] OSRAM SYLVANIA INC., US
[22] 1995-08-01
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[13] C
[51] **Int.Cl. 6G06F 17/30 6G11B 27/10**
[25] EN
[54] **SYNCHRONIZED CLOCKS AND
MEDIA PLAYERS**
[54] **HORLOGES ET LECTEURS DE
SUPPORTS SYNCHRONISES**
[72] MALOUF, FREDERICK L., US
[72] NEUMANN, ERIK R., US
[73] OBJECT TECHNOLOGY LICENSING
CORPORATION, US
[85] 1995-09-28
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[25] EN
[54] **CIRCUIT BREAKER REMOTE
CLOSING OPERATOR**
[54] **TELECOMMANDE DE COUPE-
CIRCUIT**
[72] CASTONGUAY, ROGER N., US
[72] SMITH, JAMES I., US
[72] MURPHY, THOMAS A., US
[73] GENERAL ELECTRIC COMPANY,
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[22] 1995-10-05
[30] US (08/323,305) 1994-10-11

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[25] EN
[54] **EXCHANGEABLE CUTTING
INSERT**
[54] **OUTIL DE COUPAGE RAPPORTE
REMPLOCABLE**
[72] SATRAN, AMIR, IL
[72] MARGULIS, RAFAEL, IL
[73] ISCAR LTD., IL
[22] 1995-10-16
[30] IL (111367) 1994-10-23

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[13] C
[51] **Int.Cl. 6H01M 4/92 6B01J 23/66
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[25] EN
[54] **ELECTROCATALYST MATERIAL
COMPRISING A PLATINUM ALLOY
ON A CONDUCTIVE SUPPORT**
[54] **PRODUIT
ELECTROCATALYTIQUE
RENFERMANT UN ALLIAGE DE
PLATINE SUR UN SUPPORT
CONDUCTEUR**
[72] POTTER, ROBERT JOHN, GB
[72] RALPH, THOMAS ROBERTSON, GB
[72] BUCHANAN, JEFFREY STUART, US
[73] JOHNSON MATTHEY PUBLIC
LIMITED COMPANY, GB
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6G01P 15/08 6G01J 3/26**
[25] EN
[54] **OPTO-ELECTRIC-MECHANICAL
DEVICE OR FILTER, PROCESS FOR
MAKING, AND SENSORS MADE
THEREFROM**
[54] **DISPOSITIF OU FILTRE OPTO-
ELECTRICO-MECANIQUE, METHODE
DE FABRICATION ET CAPTEURS
FABRIQUES D'APRES CETTE
METHODE**
[72] GUCKEL, HENRY, US
[72] ZOOK, JAMES DAVID, US
[72] BURNS, DAVID W., US
[73] HONEYWELL INC., US
[85] 1995-11-03
[86] 1994-05-25 (PCT/US1994/005911)
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[13] C

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[25] EN
[54] **DETERGENT COMPONENT
CONTAINING ANIONIC SURFACTANT
AND PROCESS FOR ITS
PREPARATION**
[54] **CONSTITUANT DETERGENT
RENFERMANT UN SURFACTIF
ANIONIQUE; METHODE DE
PREPARATION**
[72] VAN DER HOEVEN, FRANS
ALBERTUS, NL
[72] JOYEUX, CHRISTOPHER MICHEL
BRUNO, FR
[73] UNILEVER PLC, GB
[85] 1995-11-29
[86] 1994-06-07 (PCT/EP1994/001856)
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[11] **2,164,340**
[13] C

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[25] EN
[54] **MULTIPHASE STAGED PASSIVE
REACTOR**
[54] **REACTEUR PASSIF ETAGE A
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[72] BODNARAS, GEORGE, AU
[73] ATOMAER PTY LTD., AU
[85] 1995-12-01
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[87] (WO1994/029017)
[30] AU (PL9180) 1993-06-03

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[13] C

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[54] **ADAPTATEUR ANTI-VIBRATIONS**
[72] BARNES, GEORGE EDWARD, CA
[73] 1134564 ONTARIO INC., CA
[22] 1994-12-29

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[13] C

[51] **Int.Cl. 6B01J 23/68**
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[54] **CATALYSEUR D'EPOXYDATION**
[72] EVANS, WAYNE ERROL, US
[73] SHELL CANADA LIMITED, CA
[85] 1996-01-04
[86] 1994-07-06 (PCT/EP1994/002288)
[87] (WO1995/001837)
[30] US (088476) 1993-07-07

[11] **2,167,007**
[13] C

[51] **Int.Cl. 6H01H 71/10**
[25] EN
[54] **REMOVABLE KEYPAD FOR AN
ELECTRONIC CIRCUIT BREAKER**
[54] **CLAVIER AMOVIBLE POUR
DISJONCTEURS DE CIRCUITS
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[72] COLLIN, EDWIN J., US
[72] TURTON, ROBERT C., US
[73] GENERAL ELECTRIC COMPANY,
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[30] US (08/380,773) 1995-01-30

[11] **2,167,045**
[13] C

[51] **Int.Cl. 6A41B 11/02 6D04B 1/26**
[25] EN
[54] **CUSHIONING SOCK AND
METHOD OF KNITTING SAME**
[54] **CHAUSSETTE COUSSINEE ET
METHODE DE TRICOTAGE UTILISEE**
[72] THORNEBURG, GEORGE L., US
[72] THRONEBURG, JAMES L., US
[73] THRONEBURG, JAMES L., US
[85] 1996-01-11
[86] 1994-05-04 (PCT/US1994/004920)
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[30] US (096,708) 1993-07-23

[11] **2,167,836**
[13] C

[51] **Int.Cl. 6D06C 7/02 6A62B 23/00
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[25] EN
[54] **POST-TREATMENT OF
LAMINATED NONWOVEN
CELLULOSIC FIBER WEBS**
[54] **POST-TRAITEMENT DE NAPPES
DE FIBRES CELLULOSIQUES,
LAMINEES ET NON TISSEES**
[72] HASSENBOEHLER, CHARLES B.,
JR., US
[72] WADSWORTH, LARRY C., US
[73] THE UNIVERSITY OF TENNESSEE
RESEARCH CORPORATION, US
[85] 1996-01-22
[86] 1994-07-22 (PCT/US1994/008329)
[87] (WO1995/003114)
[30] US (095,932) 1993-07-22

[11] **2,168,514**
[13] C

[51] **Int.Cl. 6C07C 405/00**
[25] EN
[54] **ISOCARBACYCLIN DERIVATIVES**
[54] **DERIVES DE
L'ISOCARBACYCLINE**
[72] WATANABE, YASUYOSHI, JP
[72] SUZUKI, MASAOKI, JP
[72] HAZATO, ATSUO, JP
[72] LANGSTROM, BENGT, SE
[72] HAZATO, ATSUO, JP
[73] RESEARCH DEVELOPMENT
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[73] HAZATO, ATSUO, JP
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[54] **PREPARATION OF COOKING LIQUOR CONTAINING SULPHITE**
[54] **PREPARATION D'UNE LIQUEUR DE CUISSON CONTENANT DU SULFITE**
[72] STIGSSON, LARS, SE
[72] KIGNELL, JAN-ERIK, SE
[73] CHEMREC AKTIEBOLAG, SE
[85] 1996-03-13
[86] 1994-09-05 (PCT/SE1994/000816)
[87] (WO1995/009269)
[30] SE (9303137-5) 1993-09-27

[11] **2,173,988**
[13] C

[51] **Int.Cl. 6C08G 63/80 6C08J 3/12**
[25] EN
[54] **SOLID STATE POLYMERISATION OF POLYESTERS WITH LOW DIFFUSION RESISTANCE PREPOLYMER PELLETS**
[54] **POLYMERISATION A L'ETAT SOLIDE DE POLYESTERS SOUS FORME DE GRANULES DE PREPOLYMERE AYANT UNE FAIBLE RESISTANCE DE DIFFUSION**
[72] DUH, BEN, US
[72] TUNG, WILLIAM CHUNG TSING, US
[73] M&G POLIMERI ITALIA S.P.A., US
[85] 1996-04-11
[86] 1994-10-07 (PCT/EP1994/003341)
[87] (WO1995/010557)
[30] US (137876) 1993-10-15

[11] **2,174,625**
[13] C

[51] **Int.Cl. 6H04M 1/66 6H04M 15/00 6H04Q 7/34**
[25] EN
[54] **AN APPARATUS AND METHOD FOR CREDIT BASED MANAGEMENT OF TELECOMMUNICATION ACTIVITY**
[54] **APPAREIL ET PROCEDE DE GESTION DE TELECOMMUNICATIONS EN FONCTION DU CREDIT**
[72] JOHNSON, ERIC A., US
[72] MAKARE, BRIAN P., US
[72] HANDZEL, MARK J., US
[73] LIGHTBRIDGE, INC., US
[85] 1996-04-19
[86] 1994-10-19 (PCT/US1994/011906)
[87] (WO1995/011576)
[30] US (08/138,866) 1993-10-19
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[11] **2,177,383**
[13] C

[51] **Int.Cl. 6F16H 15/22**
[25] EN
[54] **CONTINUOUSLY VARIABLE TRANSMISSION CAPABLE OF TORQUE CONTROL**
[54] **TRANSMISSION VARIABLE EN CONTINU APTÉ A REGULER LE COUPLE D'ENTRAÎNEMENT**
[72] FELLOWS, THOMAS GEORGE, GB
[72] GREENWOOD, CHRISTOPHER JOHN, GB
[73] TOROTRAK (DEVELOPMENT) LIMITED, GB
[85] 1996-05-24
[86] 1994-12-09 (PCT/GB1994/002705)
[87] (WO1995/017621)
[30] GB (9325953.9) 1993-12-20
[30] GB (9417242.6) 1994-08-26
[30] GB (9411005.3) 1994-06-02

[11] **2,177,795**
[13] C

[51] **Int.Cl. 6G08B 5/00**
[25] EN
[54] **ROCKET-FIRED VISUAL SIGNALLING APPARATUS AND METHOD EMPLOYING A STREAMER**
[54] **APPAREIL ET METHODE DE SIGNALISATION VISUELLE A FUSEE UTILISANT UNE BANDEROLE**
[72] MCDANIEL, EVAN GRANT, CA
[73] GREEN TIMBERS AVIATION CORPORATION, CA
[22] 1996-05-30
[30] US (08/453,821) 1995-05-30

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[13] C

[51] **Int.Cl. 6C07D 413/06 6C07D 487/08 6C07D 413/14 6A61K 31/535 6A61K 31/54 6C07F 9/6558 6A61K 31/675**
[25] EN
[54] **SUBSTITUTED MORPHOLINE DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENTS**
[54] **DERIVES DE MORPHOLINE SUBSTITUEES ET UNE UTILISATION EN TANT QU'AGENTS THERAPEUTIQUES**
[72] BAKER, RAYMOND, GB
[72] HARRISON, TIMOTHY, GB
[72] MACLEOD, ANGUS MURRAY, GB
[72] OWENS, ANDREW PATE, GB
[72] SEWARD, EILEEN MARY, GB
[72] SWAIN, CHRISTOPHER JOHN, GB
[72] TEALL, MARTIN RICHARD, GB
[73] MERCK SHARP & DOHME LIMITED, GB
[85] 1996-06-04
[86] 1994-12-23 (PCT/GB1994/002819)
[87] (WO1995/018124)
[30] GB (9326480.2) 1993-12-29
[30] GB (9408065.2) 1994-04-22
[30] GB (9416428.2) 1994-08-15
[30] GB (9407189.1) 1994-04-12

[11] **2,179,495**
[13] C

[51] **Int.Cl. 6H04M 3/48**
[25] EN
[54] **TELECOMMUNICATIONS SYSTEM WITH NOTIFICATION HOLD**
[54] **SYSTEME DE TELECOMMUNICATIONS A MAINTIEN DE NOTIFICATION**
[72] WATTS, RONALD F., US
[73] VERIZON LABORATORIES INC., US
[85] 1996-06-19
[86] 1994-12-22 (PCT/US1994/014851)
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[13] C

[51] **Int.Cl. 6C05G 3/02**
[25] EN
[54] **HERBICIDAL DIPHENYL ETHER AND NITROGEN SOLUTION COMPOSITIONS AND METHOD**
[54] **COMPOSITIONS HERBICIDES SOUS FORME D'UNE SOLUTION D'AZOTE ET D'ETHER DE DIPHENYLE ET LEUR PROCEDE D'UTILISATION**
[72] BARNES, CLYDE JAMES, III, US
[73] SYNGENTA LIMITED, GB
[85] 1996-06-20
[86] 1994-12-09 (PCT/GB1994/002695)
[87] (WO1995/017094)
[30] US (08/173,340) 1993-12-22

[11] **2,179,781**
[13] C

[51] **Int.Cl. 6E04B 1/32**
[25] EN
[54] **ARCHED FRAMEWORK AND ITS ASSEMBLY METHOD**
[54] **OSSATURE DE VOUTE ET PROCEDE D'ASSEMBLAGE**
[72] LIU, ZHIWEI, CN
[73] LIU, ZHIWEI, CN
[85] 1996-06-21
[86] 1994-12-23 (PCT/CN1994/000104)
[87] (WO1995/017559)
[30] CN (93120116.0) 1993-12-23

[11] **2,180,129**
[13] C

[51] **Int.Cl. 6E04C 5/16 6E04B 2/10 6E04C 5/20**
[25] EN
[54] **A BLOCK WALL CONSTRUCTION AND COMPONENTS THEREOF**
[54] **SYSTEME DE CONSTRUCTION D'UN MUR DE BLOCS ET COMPOSANTS DE CELUI-CI**
[72] LOFTUS, ROY, AU
[72] BURKE, WILLIAM HUGH, AU
[73] GLASS BLOCK CONSTRUCTIONS (AUST) PTY LTD, AU
[73] W. LOFTUS & CO PTY LTD, AU
[85] 1996-06-27
[86] 1994-12-22 (PCT/AU1994/000788)
[87] (WO1995/018278)
[30] AU (PM3206) 1993-12-31

[11] * **2,182,991**
[13] C

[51] **Int.Cl. 6A47C 31/11 6A47C 1/14 6A47C 7/62**
[25] EN
[54] **COVER ASSEMBLY FOR A DECK CHAIR**
[54] **ELEMENT DE RECOUVREMENT POUR CHAISES LONGUES DE JARDIN**
[72] LABELLE, ANDRE, CA
[73] LABELLE, ANDRE, CA
[22] 1996-08-08

[11] **2,186,663**
[13] C

[51] **Int.Cl. 6H01R 13/533**
[25] EN
[54] **TWO-PIECE LEAD SEAL POTHEAD CONNECTOR**
[54] **BOITE D'EXTREMITE BIBLOC SCHELLEE AU PLOMB**
[72] PLUMMER, LEONARD M., US
[72] LEYVA, BARTOLO L., US
[72] RENTZEL, RICHARD T., US
[73] BAKER HUGHES INCORPORATED, US
[22] 1996-09-27
[30] US (08/542,585) 1995-10-13

[11] **2,187,697**
[13] C

[51] **Int.Cl. 6H01R 4/22**
[25] EN
[54] **TWIST-ON WIRE CONNECTOR WITH TORQUE LIMITING MECHANISM**
[54] **CONNECTEUR ELECTRIQUE A VISSER A MECANISME LIMITEUR DE COUPLE**
[72] KORINEK, CHRIS W., US
[73] GB ELECTRICAL, INC., US
[22] 1996-10-11
[30] US (08/542,231) 1995-10-12

[11] **2,188,145**
[13] C

[51] **Int.Cl. 6G01F 1/66 6G01P 5/18**
[25] EN
[54] **ACOUSTIC FLOW MEASUREMENT METHOD AND MEASUREMENT APPARATUS IMPLEMENTING THE METHOD**
[54] **PROCEDE DE MESURE ACOUSTIQUE D'ECOULEMENT ET APPAREIL DE MESURE METTANT EN OEUVRE CE PROCEDE**
[72] HIISMAKI, PEKKA, FI
[73] VALTION TEKNILLINEN TUTKIMUSKESKUS, FI
[85] 1996-10-17
[86] 1995-03-29 (PCT/FI1995/000168)
[87] (WO1995/028619)
[30] FI (941805) 1994-04-19

[11] **2,190,736**
[13] C

[51] **Int.Cl. 6H01Q 13/20 6H01Q 13/08 6H01Q 19/08**
[25] EN
[54] **ULTRAWIDEBAND ANTENNA WITH A PULSE GENERATOR**
[54] **ANTENNE A BANDE ULTRA-LARGE AVEC GENERATEUR D'IMPULSION**
[72] BROOKER, CLIVE JOHN, GB
[72] SMITH, PAUL DENIS, GB
[73] QINETIQ LIMITED, GB
[85] 1996-11-19
[86] 1995-05-18 (PCT/GB1995/001127)
[87] (WO1995/032529)
[30] GB (9410274.6) 1994-05-20

[11] **2,191,683**
[13] C

[51] **Int.Cl. 6A42B 3/04 6A42B 3/06 6A42B 3/10**
[25] EN
[54] **PADDING WITH EMBEDDED FASTENER FOR USE IN A HELMET**
[54] **REMBOURRAGE AVEC FIXATION NOYEE, POUR UTILISATION DANS UN CASQUE**
[72] CHARTRAND, DANIEL, CA
[73] BAUER NIKE HOCKEY INC., CA
[22] 1996-11-29

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[11] 2,193,833
[13] C
[51] Int.Cl. 6C22C 38/38 6F04D 29/22
6C22C 38/58
[25] EN
[54] CAVITATION RESISTANT FLUID
IMPELLERS AND METHOD OF
MAKING SAME
[54] ROTORS A FLUIDE RESISTANT A
LA CAVITATION ET LEUR PROCEDE
DE PRODUCTION
[72] MCCAUL, COLIN, US
[72] FUMAGALLI, VINCENZO, IT
[73] FLOWSERVE MANAGEMENT
COMPANY, US
[85] 1996-12-23
[86] 1995-06-23 (PCT/IB1995/000512)
[87] (WO1996/000312)
[30] US (08/266,278) 1994-06-27

[11] 2,194,257
[13] C
[51] Int.Cl. 6F04B 47/06 6F04B 17/03
6F04B 53/08
[25] EN
[54] RECIRCULATION PUMPING
SYSTEM FOR INSTALLATION BELOW
THE PERFORATIONS IN A CASED
WELL BORE
[54] SYSTEME DE POMPE DE
RECIRCULATION POUR
INSTALLATION SOUS LES
PERFORATIIONS DANS UN FOREGE
TUBE
[72] WILSON, BROWN LYLE, US
[72] MACK, JOHN J., US
[73] BAKER HUGHES INCORPORATED,
US
[22] 1997-01-02
[30] US (08/587,011) 1996-01-16

[11] 2,196,259
[13] C
[51] Int.Cl. 6B65B 61/26
[25] EN
[54] SIMPLIFIED METHOD OF
CODING PACKAGES
[54] METHODE SIMPLIFIEE DE
CODAGE DES PAQUETS
[72] OWENSBY, JOSEPH E., US
[73] CRYOVAC, INC., US
[22] 1997-01-29
[30] US (597,591) 1996-02-06

[11] 2,197,959
[13] C
[51] Int.Cl. 6B32B 15/08 6B65D 53/08
6B32B 27/32
[25] EN
[54] PEELABLE AND HEAT SEALABLE
LIDSTOCK MATERIAL FOR PLASTIC
CONTAINERS
[54] MATIERE D'OPERCULAGE
PELABLE ET THERMOUSOUDABLE
POUR CONTENANTS DE PLASTIQUE
[72] STEVENSON, JAMES A., US
[73] ALUMINUM COMPANY OF
AMERICA, US
[22] 1997-02-19

[11] 2,203,113
[13] C
[51] Int.Cl. 6H01L 31/02 6H01L 33/00
6H01L 31/0203 6H01L 31/18
[25] EN
[54] LEADFRAME FOR AN
ENCAPSULATED OPTOCOMPONENT
[54] GRILLE DE CONNEXION POUR
UN OPTOCOMPOSANT ENCAPSULE
[72] ERIKSEN, PAUL, SE
[72] STEIJER, ODD, SE
[73] TELEFONAKTIEBOLAGET LM
ERICSSON, SE
[85] 1997-04-18
[86] 1995-10-19 (PCT/SE1995/001234)
[87] (WO1996/013065)
[30] SE (9403575-5) 1994-10-19

[11] 2,203,241
[13] C
[51] Int.Cl. 6E21B 34/10
[25] EN
[54] SUBSURFACE SAFETY VALVE OF
MINIMIZED LENGTH
[54] VANNE DE SURETE DE
LONGUEUR MINIMALE UTILISABLE
EN SOUS-SOL
[72] HILL, THOMAS GUS, US
[72] NEWMAN, BILLY RAY, US
[72] SIDES, WINFIELD MICHAEL, US
[73] CAMCO INTERNATIONAL INC., US
[85] 1997-04-21
[86] 1995-10-12 (PCT/GB1995/002413)
[87] (WO1996/012864)
[30] US (08/325,782) 1994-10-19

[11] 2,203,946
[13] C
[51] Int.Cl. 6H01J 7/12
[25] EN
[54] METAL HALIDE LAMP WITH
REDUCED QUARTZ
DEVITRIFICATION
[54] LAMPE AUX HALOGENURES
AVEC DEVITRIFICATION REDUITE
DU QUARTZ
[72] CHAO, CHUNG-YAO, US
[73] OSRAM SYLVANIA INC., US
[22] 1997-04-29

[11] 2,204,329
[13] C
[51] Int.Cl. 6E21B 33/127
[25] EN
[54] EXTERNAL CASING PACKER
WITH ELEMENT END SLEEVE TO
COLLAR RETAINER AND METHOD
[54] DISPOSITIF D'ETANCHEITE
ANNULAIRE AVEC MANCHON
D'EXTREMITE ET COLLIER EN
LIAISON MECANIQUE ET METHODE
D'UTILISATION DE CELUI-CI
[72] WILLAUER, DARRIN L., US
[72] BENKER, WILHELM E., US
[73] BAKER HUGHES INCORPORATED,
US
[22] 1997-05-02
[30] US (08/642773) 1996-05-03

[11] 2,205,323
[13] C
[51] Int.Cl. 6H05B 41/14
[25] EN
[54] SAFETY DISCONNECTION WITH
ASYMMETRIC LAMP POWER
[54] SECTIONNEUR DE SECURITE
POUR ALIMENTATION
ASYMETRIQUE DE LAMPE
[72] FRANCK, FELIX, DE
[73] PATENT-TREUHAND-
GESELLSCHAFT FUER ELEKTRISCHE
GLUEHLAMPEN MBH, DE
[22] 1997-05-14
[30] DE (19619580.2) 1996-05-15

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[11] **2,205,806**
[13] C

[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/38**
[25] EN
[54] **INCREASING THE CAPACITY OF A CELLULAR RADIO NETWORK**
[54] **AUGMENTATION DE LA CAPACITE D'UN RESEAU RADIO CELLULAIRE**
[72] AALTO, RISTO, FI
[72] TUOVINEN, ESA, FI
[72] HALONEN, TIMO, FI
[73] NOKIA TELECOMMUNICATIONS OY, FI
[73] ,
[73] ,
[85] 1997-05-21
[86] 1996-10-11 (PCT/FI1996/000540)
[87] (WO1997/014260)
[30] FI (954879) 1995-10-13

[11] **2,206,271**
[13] C

[51] **Int.Cl. 6B65G 47/244**
[25] EN
[54] **METHOD AND APPARATUS FOR ROTATING ROTATIONALLY SYMMETRICAL CONTAINERS, SUCH AS BOTTLES, WHILE TRANSPORTING THEM UNDER BACKUP PRESSURE**
[54] **PROCEDE ET DISPOSITIF POUR FAIRE TOURNER DES CONTENANTS ASYMETRIE DE ROTATION, TELS QUE DES BOUTEILLES, PENDANT LEUR TRANSPORT EFFECTUE SOUS PRESSION DYNAMIQUE**
[72] GOLLER, HANS-ULRICH, DE
[72] HEUFT, BERNHARD, DE
[73] HEUFT SYSTEMTECHNIK GMBH, DE
[85] 1997-05-27
[86] 1996-11-25 (PCT/EP1996/005193)
[87] (WO1997/019853)
[30] DE (295 18628.3) 1995-11-24

[11] **2,206,843**
[13] C

[51] **Int.Cl. 6H01C 10/14 6H05K 7/00 6H01H 3/08**
[25] EN
[54] **A DEVICE FOR PROVIDING AXIAL AND SPATIAL MISALIGNMENT COMPENSATION BETWEEN A ROTATABLE COMPONENT AND A ROTATING MEANS**
[54] **DISPOSITIF DE COMPENSATION DE DESALIGNEMENT AXIAL ET SPATIAL ENTRE UN COMPOSANT ROTATIF ET UN SYSTEME DE ROTATION**
[72] ROBBINS, TONY RAY, US
[72] POWELL, BARRY EDWARD, US
[72] EDWARDS, STANLEY H., JR., US
[73] SQUARE D. COMPANY, US
[85] 1997-06-03
[86] 1996-10-03 (PCT/US1996/015902)
[87] (WO1997/014159)
[30] US (08/542,216) 1995-10-12

[11] **2,209,501**
[13] C

[51] **Int.Cl. 6G02B 6/36 6G02B 6/44**
[25] EN
[54] **PLUG PORTION FOR AN OPTICAL FIBER CONNECTOR**
[54] **FICHE POUR UN CONNECTEUR DE FIBRES OPTIQUES**
[72] DE MARCHI, SILVERIO, CH
[72] DIAMOND SA, CH
[22] 1997-07-03
[30] CH (1948/96) 1996-08-08

[11] **2,209,673**
[13] C

[51] **Int.Cl. 6A61K 9/14**
[25] EN
[54] **SOLID MEDICAMENT FORM WITH ACTIVE AGENT DISTRIBUTED IN POLYMER MATERIAL**
[54] **FORME GALENIQUE SOLIDE A PRINCIPE ACTIF REPARTI DANS LE MATERIAU POLYMERE**
[72] ASMUSSEN, BODO, DE
[72] MULLER, WALTER, DE
[72] CREMER, KARSTEN, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 1997-07-07
[86] 1996-01-10 (PCT/EP1996/000073)
[87] (WO1996/021428)
[30] DE (195 00 977.0) 1995-01-14

[11] **2,209,704**
[13] C

[51] **Int.Cl. 6B41M 5/00 6B41M 3/12**
[25] EN
[54] **PRINTABLE HEAT TRANSFER MATERIAL HAVING COLD RELEASE PROPERTIES**
[54] **MATIERE IMPRIMABLE PAR TRANSFERT DE CHALEUR DECOLLABLE A FROID**
[72] KRONZER, FRANCIS JOSEPH, US
[73] NEENAH PAPER, INC., US
[22] 1997-07-11
[30] US (08/685,282) 1996-07-23

[11] **2,213,140**
[13] C

[51] **Int.Cl. 6B41L 47/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SELECTIVELY DISPENSING LINER-TYPE AND LINERLESS-TYPE LABELS, AND A PREPARED LINERLESS-TYPE WEB AND METHOD OF MAKING AND USING SAME**
[54] **METHODE ET APPAREIL PERMETTANT DE DISTRIBUER DES ETIQUETTES AVEC OU SANS PAPIER DORSAL ET BANDE PREPAREE D'ETIQUETTES SANS PAPIER DORSAL AVEC METHODE DE FABRICATION ET D'UTILISATION**
[72] TAYLOR, BRUCE E., US
[73] MONARCH MARKING SYSTEMS, INC., US
[22] 1997-08-26
[30] US (08/727,722) 1996-10-07

[11] **2,214,605**
[13] C

[51] **Int.Cl. 6G06F 17/30 6H04H 9/00 6H04N 7/088 6G06F 11/32 6G06F 17/60**
[25] EN
[54] **AUTOMATIC BROADCAST MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE AUTOMATIQUE DE SIGNAUX DE DIFFUSION**
[72] STREATCH, PAUL, CA
[72] MACLEAN, ROGER, CA
[72] MENARD, ROBERT, CA
[73] MARCH NETWORKS CORPORATION, CA
[85] 1997-09-03
[86] 1996-03-04 (PCT/CA1996/000131)
[87] (WO1996/027840)
[30] GB (9504376.6) 1995-03-04

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[11] **2,215,239**
[13] C
[51] **Int.Cl. 6F42B 5/08**
[25] EN
[54] **ELECTROTHERMAL CHEMICAL CARTRIDGE**
[54] **CARTOUCHE CHIMIQUE ELECTROTHERMIQUE**
[72] WILKINSON, GREGORY MARK, US
[73] TITAN CORPORATION, US
[85] 1997-09-11
[86] 1995-03-23 (PCT/US1995/003360)
[87] (WO1996/029565)

[11] **2,216,593**
[13] C
[51] **Int.Cl. 6F02B 19/18 6F02B 75/02**
[25] EN
[54] **TWO-CYCLE INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE A DEUX TEMPS**
[72] AMANO, MASASHI, JP
[72] ISOMURA, SHINICHI, JP
[72] ASAI, MASAHIRO, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[22] 1997-09-29
[30] JP (HEI-9-150378) 1997-05-24

[11] **2,216,898**
[13] C
[51] **Int.Cl. 6H01M 10/24**
[25] EN
[54] **IMPROVED ADDITIVES FOR OVERCHARGE PROTECTION IN NON-AQUEOUS RECHARGEABLE LITHIUM BATTERIES**
[54] **ADDITIFS AMELIORES POUR LA PROTECTION CONTRE LA SURCHARGE DES PILES RECHARGEABLES AU LITHIUM, NON AQUEUSES**
[72] REIMERS, JAN NAESS, CA
[72] WAY, BRIAN MICHAEL, CA
[73] E-ONE MOLI ENERGY (CANADA) LIMITED, CA
[22] 1997-09-26

[11] **2,218,665**
[13] C
[51] **Int.Cl. 6B65H 16/10**
[25] EN
[54] **DEVICE FOR UNWINDING REELS OF WEB MATERIAL COMPRISING A SYSTEM FOR CONTROLLING THE UNWINDING PRESSURE**
[54] **DISPOSITIF SERVANT A DEROULER DES ROULEAUX DE BANDE DE MATERIAU ET COMPRENANT UN SYSTEME DE COMMANDE DE LA PRESSION DE DEROULEMENT**
[72] BIAGIOTTI, GUGLIELMO, IT
[73] FABIO PERINI S.P.A., IT
[85] 1997-10-20
[86] 1996-04-16 (PCT/IT1996/000074)
[87] (WO1996/033120)
[30] IT (FI95U000044) 1995-04-21

[11] **2,218,961**
[13] C
[51] **Int.Cl. 6G08B 13/191**
[25] EN
[54] **MULTIFUNCTION OCCUPANCY SENSOR**
[54] **CAPTEUR DE PRESENCE MULTIFONCTION**
[72] BATKO, THOMAS J., US
[72] ELLISON, DAVID F., US
[72] BALDWIN, JOHN R., US
[73] HUBBELL INCORPORATED, US
[22] 1997-10-17
[30] US (08/738,045 (CIP)*) 1996-10-25

[11] **2,219,118**
[13] C
[51] **Int.Cl. 6H04L 7/08 6H04L 12/56**
[25] EN
[54] **CLOSED LOOP CLOCK RECOVERY FOR SYNCHRONOUS RESIDUAL TIME STAMP**
[54] **EXTRACTION DU SIGNAL D'HORLOGE EN BOUCLE FERMEE POUR HORODATEUR SYNCHRONE A TEMPS RESIDUEL**
[72] WOLAVER, DAN H., US
[72] UPP, DANIEL C., US
[73] TRANSWITCH CORPORATION, US
[85] 1997-10-24
[86] 1996-03-28 (PCT/US1996/004446)
[87] (WO1996/031028)
[30] US (08/414,502) 1995-03-31

[11] **2,219,219**
[13] C
[51] **Int.Cl. 6B44C 1/18 6G05B 19/41**
[25] EN
[54] **APPLIQUES FOR SURFACES HAVING COMPLEX CURVATURE**
[54] **FILMS A APPLIQUER POUR SURFACES A COURBURE COMPLEXE**
[72] DAVIS, KEITH J., US
[73] THE BOEING COMPANY, US
[85] 1997-10-27
[86] 1996-06-05 (PCT/US1996/008987)
[87] (WO1996/039310)
[30] US (08/486,300) 1995-06-06
[30] US (08/477,736) 1995-06-06

[11] **2,220,072**
[13] C
[51] **Int.Cl. 6H04B 10/105**
[25] EN
[54] **METHOD AND DEVICE FOR ALIGNING AN OPTICAL TRANSMISSION AND RECEPTION BEAM IN SATELLITE CONNECTIONS**
[54] **METHODE ET DISPOSITIF SERVANT A ALIGNER LES FAISCEAUX LUMINEUX EMIS ET RECU DANS UNE LIAISON DE COMMUNICATION PAR SATELLITE**
[72] FISCHER, EDGAR, CH
[72] MAERKI, ANDREAS, CH
[73] CONTRAVES SPACE AG, CH
[22] 1997-11-25
[30] CH (1996 2987/96) 1996-12-06

[11] **2,221,295**
[13] C
[51] **Int.Cl. 6H03M 7/00 6H03M 13/12**
[25] EN
[54] **PARALLEL CONCATENATED TAIL-BITING CONVOLUTIONAL CODE AND DECODER THEREFOR**
[54] **CODE DE CONVOLUTION PARALLELE CONCATENE EN BOUCLE ET DECODEUR AFFERENT**
[72] HLADIK, STEPHEN MICHAEL, US
[72] ANDERSON, JOHN BAILEY, US
[73] SES AMERICOM, INC., US
[85] 1997-11-13
[86] 1997-04-14 (PCT/US1997/006129)
[87] (WO1997/040582)
[30] US (08/636,732) 1996-04-19

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[11] **2,221,614**
[13] C

[51] **Int.Cl. 6A61M 29/00**
[25] EN
[54] **BALLOON LOADED DISSECTING INSTRUMENTS**
[54] **INSTRUMENTS DE DISSECTION A BALLONNET**
[72] HERMANN, GEORGE D., US
[73] GENERAL SURGICAL INNOVATIONS, INC., US
[85] 1997-11-19
[86] 1996-05-20 (PCT/US1996/007322)
[87] (WO1996/036388)
[30] US (08/447,124) 1995-05-20

[11] **2,221,658**
[13] C

[51] **Int.Cl. 6H04N 1/04 6H04N 1/203 6H04N 1/23**
[25] EN
[54] **PICTURE IMAGE OUTPUTTING METHOD AND PHOTOGRAPH FINISHING SYSTEM USING THE METHOD**
[54] **METHODE DE PRODUCTION D'IMAGES ET SYSTEME DE FACONNAGE PHOTOGRAPHIQUE UTILISANT CETTE METHODE**
[72] NAKAJIMA, NOBUYOSHI, JP
[72] OHTSUKA, SHUICHI, JP
[72] HANEDA, NORIHISA, JP
[72] SHIOTA, KAZUO, JP
[72] TANAKA, HIROSHI, JP
[72] MAKISHIMA, SUGIO, JP
[73] FUJI PHOTO FILM CO., LTD., JP
[22] 1997-11-20
[30] JP (309322/1996) 1996-11-20
[30] JP (309323/1996) 1996-11-20
[30] JP (161660/1997) 1997-06-18
[30] JP (161661/1997) 1997-06-18

[11] **2,221,903**
[13] C

[51] **Int.Cl. 6G01K 1/14**
[25] EN
[54] **TEMPERATURE SENSOR ASSEMBLY**
[54] **CAPTEUR DE TEMPERATURE**
[72] VAN ROSSUM, NEIL, CA
[72] WANNAMAKER, DAVID, CA
[72] BALDOCK, MICHAEL, CA
[73] ALLTEMP SENSORS INC., CA
[22] 1997-11-19
[30] US (08/971,159) 1997-11-14

[11] **2,222,661**
[13] C

[51] **Int.Cl. 6D21C 7/00 6D21C 7/14**
[25] EN
[54] **IMPLEMENTATION OF DISSOLVED SOLIDS PROFILING**
[54] **MISE EN OEUVRE DU PROFILAGE DE MATIERES DISSOUTES**
[72] PROUGH, J. ROBERT, US
[72] LAAKSO, RICHARD O., US
[72] MARCOCCIA, BRUNO S., US
[72] CHASSE, R. FRED, US
[73] ANDRITZ INC., US
[22] 1994-07-20
[62] 2,175,666
[30] US (148,269) 1993-11-08

[11] **2,225,250**
[13] C

[51] **Int.Cl. 6C07C 311/20 6C07D 257/04 6C07D 285/04 6C07D 235/06 6C07D 271/107 6C07D 221/12 6C07C 311/13 6C07D 313/14 6C07D 337/14 6C07D 279/18 6A61K 31/195 6A61K 31/215 6C07D 319/24 6C07D 295/26 6C07C 311/29 6C07D 209/30 6A61K 31/33 6C07D 277/34 6C07D 333/34 6C07D 215/36 6C07C 237/38 6C07D 333/38 6C07C 311/43 6C07F 9/50 6C07C 233/52 6C07C 235/54 6C07D 307/54 6C07D 213/56 6C07D 277/56 6C07D 263/57 6C07C 323/63 6A61K 31/66 6C07C 323/67 6C07D 333/68 6C07D 333/76 6C07C 233/81 6C07D 311/82 6C07D 307/85 6C07D 209/88 6C07D 307/91**
[25] EN
[54] **BICYCLIC AMINO DERIVATIVES AND PGD2 ANTAGONIST CONTAINING THE SAME**
[54] **DERIVES AMINO BICYCLIQUES ET ANTAGONISTE DE PGD2 CONTENANT CES DERIVES**
[72] KISHINO, JUNJI, JP
[72] OHTANI, MITSUAKI, JP
[72] TSURI, TATSUO, JP
[72] HONMA, TSUNETOSHI, JP
[72] ARIMURA, AKINORI, JP
[73] SHIONOGI & CO., LTD., JP
[85] 1997-12-19
[86] 1996-06-19 (PCT/JP1996/001685)
[87] (WO1997/000853)
[30] JP (154575/1995) 1995-06-21

[11] **2,225,768**
[13] C

[51] **Int.Cl. 6F24F 3/04 6F24F 11/053**
[25] EN
[54] **AIR CONDITIONING APPARATUS**
[54] **APPAREIL DE CLIMATISATION DE L'AIR**
[72] BAUER, ALBERT, DE
[73] BAUER, ALBERT, DE
[22] 1997-12-22
[30] DE (196 54 542.0) 1996-12-27
[30] DE (196 54 955.8) 1997-10-15

[11] **2,226,495**
[13] C

[51] **Int.Cl. 6H04N 5/33**
[25] EN
[54] **THERMAL SENSING SYSTEM HAVING A FAST RESPONSE CALIBRATION DEVICE**
[54] **SYSTEME DE DETECTION THERMIQUE AVEC DISPOSITIF D'ETALONNAGE A REPOSE RAPIDE**
[72] ASHLEY, TIMOTHY, GB
[72] ELLIOTT, CHARLES THOMAS, GB
[72] GORDON, NEIL THOMSON, GB
[72] HALL, RALPH STEPHEN, GB
[73] QINETIQ LIMITED, GB
[85] 1998-01-07
[86] 1996-07-29 (PCT/GB1996/001805)
[87] (WO1997/005742)
[30] GB (9515682.4) 1995-07-31

[11] **2,226,537**
[13] C

[51] **Int.Cl. 6H02J 3/00**
[25] EN
[54] **POWER FLOW CONTROL WITH ROTARY TRANSFORMERS**
[54] **COMMANDE DE DEBIT D'ELECTRICITE A TRANSFORMATEURS DEPHASEURS ROTATIFS**
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[73] GENERAL ELECTRIC COMPANY, US
[22] 1998-01-08
[30] US (08/814,374) 1997-03-11

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[51] Int.Cl. 6C12P 19/04 6C08B 15/02
[25] EN
[54] PRODUCTION OF MICROBIAL CELLULOSE USING A ROTATING DISK FILM BIOREACTOR
[54] PRODUCTION DE CELLULOSE MICROBIENNE A L'AIDE D'UN BIOREACTEUR A FILM A DISQUE TOURNANT
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[72] SERAFICA, GONZALO C., US
[73] RENSSELAER POLYTECHNIC INSTITUTE, US
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[87] (WO1997/005271)
[30] US (08/509,835) 1995-08-01

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[13] C
[51] Int.Cl. 6F16K 35/00 6F16K 5/06
[25] EN
[54] LOCKING BALL VALVE FOR A FLUID CONDUIT
[54] CLAPET A BILLE DE VERROUILLAGE DESTINE A UNE CONDUITE DE FLUIDE
[72] BENTON, FRANCES H., US
[73] SCULLY SIGNAL COMPANY, US
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[87] (WO1997/049943)
[30] US (08/669,639) 1996-06-24

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[13] C
[51] Int.Cl. 6E21B 47/00
[25] EN
[54] APPARATUS AND METHOD FOR PERFORMING IMAGING AND DOWNHOLE OPERATIONS AT WORK SITE IN WELLBORES
[54] DISPOSITIF ET PROCEDE SERVANT A EFFECTUER DES OPERATIONS D'IMAGERIE EN FOND DE PUIT AU NIVEAU D'UN EMPLACEMENT DANS DES PUIT DE SONDAGE
[72] LEGGETT, JAMES V., III, US
[72] TUBEL, PAULO S., US
[72] NAZZAL, GREGORY R., US
[72] LYNDE, GERALD D., US
[72] HARRELL, JOHN W., US
[73] BAKER HUGHES INCORPORATED, US
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[86] 1997-07-17 (PCT/US1997/012524)
[87] (WO1998/002638)
[30] US (60/021,931) 1996-07-17
[30] US (60/025,330) 1996-09-03
[30] US (60/029,257) 1996-10-25

[11] 2,231,722
[13] C
[51] Int.Cl. 6A62B 35/04
[25] FR
[54] DISPOSITIF D'ARRET AUTOMATIQUE DE CHUTE POUR DES PERSONNELS TRAVAILLANT EN HAUTEUR
[54] DEVICE FOR AUTOMATICALLY STOPPING THE FALL OF PERSONNEL WORKING HIGH ABOVE GROUND
[72] GORTAN, GUIDO, FR
[72] CENCIC, MAKSIMILJAN, FR
[73] TRACTEL S.A., FR
[85] 1998-04-06
[86] 1997-07-15 (PCT/FR1997/001305)
[87] (WO1998/002210)
[30] FR (96/08841) 1996-07-16

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[13] C
[51] Int.Cl. 6A61K 7/50 6A61K 7/075
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[54] COMPOSITIONS COSMETIQUES DETERGENTES ET UTILISATION
[54] COSMETIC CLEANSING COMPOUNDS AND THEIR USES
[72] BEAUQUEY, BERNARD, FR
[72] DECOSTER, SANDRINE, FR
[73] L'OREAL, FR
[22] 1998-04-06
[30] FR (97 04 219) 1997-04-07

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[13] C
[51] Int.Cl. 6B65D 19/34 6B31C 3/00
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[54] METHOD AND DEVICE FOR PRODUCTION OF TUBES
[54] PROCEDE ET DISPOSITIF DE PRODUCTION DE TUBES
[72] ANDREASSON, INGMAR, SE
[73] ANDREASSON, INGMAR, SE
[85] 1998-04-06
[86] 1996-10-11 (PCT/SE1996/001300)
[87] (WO1997/013695)
[30] SE (9503560-6) 1995-10-11

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[13] C
[51] Int.Cl. 6A01K 73/02 6A01K 75/00
[25] EN
[54] TRAWL SYSTEM CELL DESIGN AND METHODS
[54] STRUCTURE CELLULAIRE D'UN SYSTEME DE CHALUT ET PROCEDES ASSOCIES
[72] SAFWAT, SHERIF, US
[72] PEREVOSHCHIKOV, VALENTIN G., RU
[73] OTTER ULTRA-LOW-DRAG, LTD., KY
[85] 1998-04-14
[86] 1996-10-11 (PCT/US1996/016419)
[87] (WO1997/013407)
[30] US (60/005,287) 1995-10-13
[30] US (60/013,509) 1996-03-15
[30] US (60/018,069) 1996-05-21

[11] * 2,235,244
[13] C
[51] Int.Cl. 6A61L 2/08 6B65B 55/04 6C12N 7/04 6A23L 3/26 6C02F 1/30
[25] EN
[54] IMPROVED DEACTIVATION OF ORGANISMS USING HIGH-INTENSITY PULSED POLYCHROMATIC LIGHT
[54] DESACTIVATION AMELIOREE D'ORGANISMES UTILISANT UNE LUMIERE POLYCHROMATIQUE PULSEE A HAUTE INTENSITE
[72] DUNN, JOSEPH E., US
[72] BUSHNELL, ANDREW H., US
[72] SALISBURY, KENTON J., US
[72] CLARK, REGINALD WAYNE, US
[73] PUREPULSE TECHNOLOGIES, INC., US
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[13] C

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[25] EN
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[54] **PATES DE MONTAGE POUR CLIMATISEUR UNIVERSEL ET PROCEDE ASSOCIE**
[72] HELLMAN, ROBERT R., JR., US
[72] BURTON, STEWART A., US
[73] BURTON, STEWART A., US
[85] 1998-04-27
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[30] US (08/547,783) 1995-10-25

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[13] C

[51] **Int.Cl. 6C08L 61/14 6B32B 21/00 6C08K 5/21 6C08L 61/34 6C08K 5/353**
[25] EN
[54] **COMPOSITION AND METHOD FOR CURING A RESORCINOL RESIN**
[54] **COMPOSITION ET PROCEDE DE DURCISSEMENT D'UNE RESINE RESORCINOL**
[72] PHILLIPS, EARL K., US
[72] GARWOOD, ARTHUR J., US
[72] DETLEFSEN, WILLIAM D., US
[73] BORDEN CHEMICAL, INC., US
[85] 1998-05-01
[86] 1996-11-12 (PCT/US1996/017899)
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[30] US (60/006,590) 1995-11-13

[11] **2,237,063**
[13] C

[51] **Int.Cl. 6A61F 2/34**
[25] EN
[54] **ACETABULAR CUP BODY PROSTHESIS**
[54] **PROTHESE DE CUPULE ACETABULAIRE**
[72] SHEA, JEFF, US
[72] EVANS, DAVID L., US
[72] MILLER, STEVE, US
[72] AUSTIN, BRIAN, US
[72] RIES, MICHAEL D., US
[73] SMITH & NEPHEW, INC., US
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[30] US (08/563,219) 1995-11-27
[30] US (08/735,516) 1996-10-23

[11] **2,238,415**
[13] C

[51] **Int.Cl. 6B65G 47/244 6G01N 21/90**
[25] EN
[54] **DEVICE AND PROCESS FOR INSPECTION OF OBJECTS, PARTICULARLY BEVERAGE BOTTLES**
[54] **DISPOSITIF ET PROCEDE POUR CONTROLER DES OBJETS, EN PARTICULIER DES BOUTEILLES POUR BOISSONS**
[72] HEUFT, BERNHARD, DE
[73] HEUFT SYSTEMTECHNIK GMBH, DE
[85] 1998-05-22
[86] 1997-01-20 (PCT/EP1997/000244)
[87] (WO1997/026091)
[30] DE (296 00 902.4) 1996-01-19

[11] **2,238,462**
[13] C

[51] **Int.Cl. 6F25D 29/00 6F25D 11/02**
[25] EN
[54] **TEMPERATURE CONTROL SYSTEM FOR A MULTI-COMPARTMENT REFRIGERATOR**
[54] **DISPOSITIF DE REGLAGE DE TEMPERATURE POUR REGRIGERATEUR A PLUSIEURS COMPARTIMENTS**
[72] GILMAN, BOBBIE J., US
[72] TUNZI, SCOTT T., US
[73] MAYTAG CORPORATION, US
[22] 1998-05-22
[30] US (08/869,429) 1997-06-04

[11] **2,239,365**
[13] C

[51] **Int.Cl. 6A47C 7/54**
[25] EN
[54] **MULTI-ADJUSTABLE ARMREST ASSEMBLY**
[54] **APPUIE-BRAS A REGLAGES MULTIPLES**
[72] GARNER, MICHAEL S., US
[72] CONLEY, CIRA V., US
[72] VAN HEKKEN, HENDRIK R., US
[73] KNOLL, INC., US
[22] 1998-06-03
[30] US (08/868,678) 1997-06-04

[11] **2,239,368**
[13] C

[51] **Int.Cl. 6B23K 35/14**
[25] EN
[54] **SOLDER SLEEVE AND A METHOD FOR THE FORMING THEREOF**
[54] **MANCHON DE SOUDAGE ET PROCEDE DE FORMATION DE CE MANCHON**
[72] GODIJN, PAUL WILLEM, NL
[72] OUD, MARTINUS ADRIANUS, NL
[72] VELTHUIZEN, WILLEM, NL
[72] WELLING, ANTONIUS JOHANNES, NL
[73] WITMETAAL B.V., NL
[85] 1998-06-03
[86] 1996-12-04 (PCT/NL1996/000476)
[87] (WO1997/020655)
[30] NL (1001809) 1995-12-04

[11] **2,240,050**
[13] C

[51] **Int.Cl. 6A47G 19/30 6A47J 47/01 6A47G 19/24 6A47G 19/32**
[25] EN
[54] **DISPENSER FOR OIL/VINEGAR BOTTLE**
[54] **DISTRIBUTEUR POUR BOUTEILLE A HUILE ET VINAIGRE**
[72] DAENEN, ROBERT H. C. M., DK
[72] HEIBERG, JAKOB, DK
[72] JEPPESEN, HANNE DALSGAARD, DK
[72] MORTIER, JOHAN M. J. K., DK
[72] LILLELUND, STIG, DK
[73] DART INDUSTRIES INC., US
[22] 1998-06-09
[30] US (08/883,133) 1997-06-27

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[13] C
[51] Int.Cl. 6G01D 5/26 6G01R 15/24
[25] EN
[54] OPTICAL MEASURING METHOD AND OPTICAL MEASURING ARRANGEMENT FOR MEASURING A PERIODIC QUANTITY USING INTENSITY NORMALIZATION
[54] PROCEDE ET DISPOSITIF DE MESURE OPTIQUE POUR MESURER UNE GRANDEUR PERIODIQUE EN UTILISANT LA NORMALISATION DE L'INTENSITE
[72] BOSSELMANN, THOMAS, DE
[72] MENKE, PETER, DE
[72] HAIN, STEFAN, DE
[72] WILLSCH, MICHAEL, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 1998-06-12
[86] 1996-12-02 (PCT/DE1996/002311)
[87] (WO1997/022883)
[30] DE (195 47 021.4) 1995-12-15

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[13] C
[51] Int.Cl. 6H04Q 7/38
[25] EN
[54] INTER-MSC HANDOVER IN HIGH-SPEED DATA TRANSMISSION
[54] TRANSFERT ENTRE CENTRES DE COMMUTATION MOBILE EN TRANSMISSION DE DONNEES A HAUTE VITESSE
[72] LAHTINEN, LAURI, FI
[73] NOKIA TELECOMMUNICATIONS OY, FI
[85] 1998-06-16
[86] 1996-12-17 (PCT/FI1996/000668)
[87] (WO1997/023110)
[30] FI (956089) 1995-12-18

[11] 2,241,520
[13] C
[51] Int.Cl. 6B61L 29/32
[25] EN
[54] TRAIN PROXIMITY DETECTOR
[54] DETECTEUR DE PROXIMITE D'UN TRAIN
[72] LANE, BRENT A., US
[72] ERICK, JACK M., US
[73] DYNAMIC VEHICLE SAFETY SYSTEMS, LTD., US
[85] 1998-06-25
[86] 1996-12-24 (PCT/US1996/020602)
[87] (WO1997/024704)
[30] US (60/009,441) 1995-12-29
[30] US (08/600,351) 1996-02-12

[11] 2,242,227
[13] C
[51] Int.Cl. 6A01B 13/08 6A01B 15/02
[25] FR
[54] LAME, EN PARTICULIER POUR CHASSIS PORTE-LAME(S)
[54] BLADE, PARTICULARLY FOR BLADE-BEARING CHASSIS
[72] EVIN, MICHEL, FR
[73] EVIN, MICHEL, FR
[85] 1998-06-25
[86] 1996-12-27 (PCT/FR1996/002095)
[87] (WO1997/024024)
[30] FR (95/15734) 1995-12-29

[11] 2,242,547
[13] C
[51] Int.Cl. 6H02G 15/064
[25] EN
[54] ELECTRICAL STRESS CONTROL
[54] LIMITATION DES CONTRAINTES D'ORIGINE ELECTRIQUE
[72] KEMP, CHRISTIAN, DE
[72] BACHMAIER, GEORG, DE
[72] GRAMESPACHER, HANSJOERG, DE
[73] RAYCHEM GMBH, DE
[85] 1998-07-08
[86] 1997-01-14 (PCT/GB1997/000092)
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[30] GB (9600819.8) 1996-01-16

[11] 2,243,813
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[51] Int.Cl. 6G08B 21/00 6G01N 27/12
[25] EN
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[54] ALARME DE NIVEAU D'EAU
[72] OKULOV, PAVEL D., CA
[73] OKULOV, PAVEL D., CA
[22] 1998-07-23
[30] US (60/055,628) 1997-08-14

[11] 2,246,897
[13] C
[51] Int.Cl. 6H04B 10/20 6H04Q 11/00 6H04J 14/02
[25] EN
[54] OPTICAL FIBER SUBSCRIBER NETWORK
[54] RESEAU D'ABONNES A FIBRES OPTIQUES
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[72] CHOE, WON-HA, KR
[72] LEE, SOONG-HEE, KR
[73] SAMSUNG ELECTRONIC CO. LTD., KR
[22] 1998-09-10
[30] KR (47032/1997) 1997-09-12

[11] 2,247,605
[13] C
[51] Int.Cl. 6H04Q 11/04 6H04L 29/06
[25] EN
[54] MULTIPLE CONNECTION METHOD AND DEVICE FOR SUBSCRIBER ACCESS NETWORK
[54] METHODE ET DISPOSITIF DE CONNEXION MULTIPLE POUR RESEAU D'ACCES D'ABONNES
[72] AOYAGI, MASATO, JP
[73] NEC CORPORATION, JP
[22] 1998-09-17
[30] JP (260255/1997) 1997-09-25

[11] 2,247,973
[13] C
[51] Int.Cl. 6A01J 5/013 6A01J 7/00
[25] EN
[54] A METHOD OF ESTABLISHING THE PRESENCE OF SPECIFIC SUBSTANCES IN MILK AS WELL AS AN IMPLEMENT FOR APPLYING SAME
[54] PROCEDE PERMETTANT D'ETABLIR LA PRESENCE DE SUBSTANCES SPECIFIQUES DANS LE LAIT ET OUTIL PERMETTANT D'APPLIQUER LEDIT PROCEDE
[72] VAN DEN BERG, KAREL, NL
[73] MAASLAND N.V., NL
[85] 1998-09-02
[86] 1998-01-08 (PCT/NL1998/000013)
[87] (WO1998/030084)
[30] NL (1004980) 1997-01-13

[11] 2,250,741
[13] C
[51] Int.Cl. 6F16G 13/06
[25] EN
[54] METHOD FOR CHAIN DRIVE AND CHAIN
[54] PROCEDE D'ENTRAINEMENT PAR CHAINE ET CHAINE UTILISEE DANS CE PROCEDE
[72] TUOMIKOSKI, PEKKA, FI
[73] FINNKETJU INVEST OY, FI
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[30] FI (961874) 1996-05-03

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[13] C

[51] **Int.Cl. 6B29C 67/04**
[25] EN
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[54] **UTILISATION D'UN NYLON-12 POUR LE FRITTAGE SELECTIF AU LASER**
[72] SCHOLTEN, HEINZ, DE
[72] CHRISTOPH, WOLFGANG, DE
[73] DEGUSSA AG, DE
[73] EOS GMBH ELECTRO OPTICAL SYSTEMS, DD
[22] 1998-10-23
[30] DE (197 47 309.1) 1997-10-27

[11] **2,252,258**
[13] C

[51] **Int.Cl. 6G07F 9/00 6G07F 5/00 6G07F 5/18**
[25] EN
[54] **PRICING CONTROL SYSTEM FOR MULTI-OPERATION VENDING MACHINES**
[54] **SYSTEME DE CONTROLE DE PAIEMENT POUR DISTRIBUTEURS AUTOMATIQUES A FONCTIONS MULTIPLES**
[72] BROKER, JOHN F., US
[72] OCHSNER, DOUGLAS A., US
[73] MAYTAG CORPORATION, US
[22] 1998-10-30
[30] US (08/998,764) 1997-12-29

[11] **2,254,252**
[13] C

[51] **Int.Cl. 6H01H 71/02 6H01H 71/50**
[25] EN
[54] **CIRCUIT BREAKER SWITCH APPARATUS**
[54] **RHEOSTAT DISJONCTEUR**
[72] ROBINSON, DARRELL, US
[73] EKSTROM INDUSTRIES INC., US
[22] 1998-11-20
[30] US (60/066,271) 1997-11-20

[11] **2,254,442**
[13] C

[51] **Int.Cl. 6E04B 2/70 6B32B 7/12 6E04B 2/30 6E04B 1/76**
[25] EN
[54] **LAMINATED WALL STRUCTURE**
[54] **MUR STRATIFIE**
[72] BROWN, JEFFREY DAVID, US
[72] MCKELVEY, JAMES LOUIS, US
[72] RIMMER, JOHN WAYNE, US
[72] O'BRIEN, MICHAEL JOSEPH, US
[73] ROHM AND HAAS COMPANY, US
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[30] US (60/068,572) 1997-12-23

[11] **2,255,862**
[13] C

[51] **Int.Cl. 6G01J 1/42 6H04N 5/30**
[25] EN
[54] **PHOTON DETECTOR AND METHOD OF MANUFACTURING IT**
[54] **DETECTEURS DE PHOTONS ET PROCEDE DE PRODUCTION D'UN DETECTEUR DE PHOTONS**
[72] KAYA, ALEXANDER, DE
[72] KOOPS, HANS WILFRIED PETER, DE
[73] DEUTSCHE TELEKOM AG, DE
[85] 1998-11-23
[86] 1997-05-21 (PCT/EP1997/002576)
[87] (WO1997/045710)
[30] DE (196 21 175.1) 1996-05-24
[30] DE (197 20 926.2) 1997-05-20

[11] **2,257,076**
[13] C

[51] **Int.Cl. 6F28D 7/16 6F16N 39/02 6F28F 3/08 6F01P 11/08**
[25] EN
[54] **RADIAL FLOW ANNULAR HEAT EXCHANGERS**
[54] **ECHANGEURS DE CHALEUR ANNULAIRES A ECOULEMENT RADIAL**
[72] VAN HELDEN, HENRI P.T., US
[72] WU, ALAN K., CA
[72] EVANS, BRUCE L., CA
[73] DANA CANADA CORPORATION / CORPORATION DANA CANADA, CA
[22] 1998-12-23

[11] **2,257,772**
[13] C

[51] **Int.Cl. 6C07C 229/50 6C07D 401/12 6C07D 409/12 6C07D 295/155 6A61K 31/195 6C07D 333/24 6A61K 31/24 6A61K 31/275 6C07D 277/30 6C07C 317/32 6A61K 31/34 6C07C 311/37 6A61K 31/38 6A61K 31/40 6A61K 31/41 6A61K 31/44 6A61K 31/505 6C07D 209/52 6C07D 213/55 6C07D 233/64 6C07D 333/78 6C07D 307/93**
[25] EN
[54] **BICYCLIC-3.1.0|HEXANES AND RELATED COMPOUNDS**
[54] **HEXANES BICYCLIQUE-3.1.0| ET COMPOSES APPARENTES**
[72] CHENARD, BERTRAND LEO, US
[73] PFIZER PRODUCTS INC., US
[22] 1999-01-06
[30] US (60/070,759) 1998-01-08

[11] **2,260,167**
[13] C

[51] **Int.Cl. 6D01D 5/00 6D02J 13/00 6A01G 3/06**
[25] EN
[54] **ASSEMBLY AND PROCESS FOR FORMING DOUBLE-STRAND MONOFILAMENT LINE FOR USE IN FLEXIBLE LINE TRIMMERS**
[54] **APPAREIL ET PROCEDE DE FABRICATION DE FILS MONOFILAMENTAIRES JUMELES POUR TAILLE-BORDURE A FIL SOUPLE**
[72] PROULX, RICHARD A., US
[73] PROULX MANUFACTURING, INC., US
[85] 1999-01-08
[86] 1997-01-30 (PCT/US1997/001431)
[87] (WO1997/028680)
[30] US (08/597,178) 1996-02-06
[30] US (08/782,333) 1997-01-13

[11] **2,260,271**
[13] C

[51] **Int.Cl. 6A61B 17/74 6A61B 17/86**
[25] EN
[54] **DEVICE FOR ATTACHING FRACTURED HIP-JOINT HEADS**
[54] **DISPOSITIF DE FIXATION DE TETES D'ARTICULATION DE HANCHE FRACTUREES**
[72] FRIGG, ROBERT, CH
[72] SCHWYN, RONALD, CH
[73] SYNTHES (U.S.A.), US
[85] 1999-01-13
[86] 1996-07-31 (PCT/CH1996/000270)
[87] (WO1998/005263)

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[13] C
[51] **Int.Cl. 6H01M 8/02 6H01M 2/14**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] UCHIDA, MAKOTO, JP
[72] SUGAWARA, YASUSHI, JP
[72] FUKUOKA, YUKO, JP
[72] OHARA, HIDEO, JP
[72] EDA, NOBUO, JP
[73] MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., JP
[22] 1999-01-29
[30] JP (10-021801) 1998-02-03

[11] **2,261,046**
[13] C
[51] **Int.Cl. 6B41M 5/00 6G03G 7/00**
6B29C 47/06
[25] EN
[54] **IMAGE RECEPTOR MEDIUM**
[54] **SUPPORT RECEPTEUR D'IMAGES**
[72] LEE, CHARLES C., US
[72] EMSLANDER, JEFFREY O., US
[73] MINNESOTA MINING AND
MANUFACTURING COMPANY, US
[85] 1999-01-14
[86] 1996-11-26 (PCT/US1996/019683)
[87] (WO1998/004418)
[30] US (08/687,271) 1996-07-25

[11] **2,261,113**
[13] C
[51] **Int.Cl. 6D06F 39/12 6D06F 37/26**
[25] EN
[54] **IMPROVED ACCESS TOP COVER**
FOR WASHING MACHINE
[54] **DESSUS DE LAVEUSE A ACCES**
AMELIORE
[72] RICHARDSON, CURTIS G., US
[73] MAYTAG CORPORATION, US
[22] 1999-02-03
[30] US (09/061,496) 1998-04-16

[11] **2,261,894**
[13] C
[51] **Int.Cl. 6B01J 23/652 6C07C 53/08**
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[25] EN
[54] **PROCESS FOR THE SELECTIVE**
PREPARATION OF ACETIC ACID AND
CATALYSTS WHICH ARE SUITABLE
FOR THIS PURPOSE
[54] **PROCEDE DE PRODUCTION**
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CATALYSEUR POUVANT ETRE
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[72] DINGERDISSEN, UWE, DE
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[51] **Int.Cl. 6B65B 55/00 6C08J 7/00**
6B29C 71/04 6B65D 81/26
[25] EN
[54] **METHOD FOR TRIGGERING**
OXYGEN SCAVENGING MATERIAL
AS A WALL COMPONENT IN A
CONTAINER
[54] **PROCEDE POUR ACTIVER DES**
DESOXYGENANTS UTILISES COMME
COMPOSANT DE PAROI DANS UN
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[72] COOK, PHILIP H., JR., US
[72] MIRANDA, NATHANAEL R., US
[72] THOMAS, JEFFREY A., US
[72] CAREY, MICHAEL J., US
[73] CRYOVAC, INC., US
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[51] **Int.Cl. 6C08G 18/10 6G03F 7/038**
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[25] EN
[54] **AQUEOUS DEVELOPABLE**
PHOTOSENSITIVE POLYURETHANE-
METHACRYLATE
[54] **POLYURETHANNE-**
METHACRYLATE PHOTSENSIBLE
ET DEVELOPPABLE DANS L'EAU
[72] KUMPFMILLER, RONALD JAMES,
US
[72] CARTER, MARTIN LEWIS, US
[73] POLYFIBRON TECHNOLOGIES,
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[85] 1999-03-08
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[51] **Int.Cl. 6G02B 6/16 6C03C 25/00**
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[25] EN
[54] **OPTICAL MATERIAL HAVING**
PERIODICALLY VARYING
REFRACTIVE INDEX AND METHOD
OF MAKING
[54] **DISPOSITIF OPTIQUE**
[72] FOKINE, MICHAEL, SE
[73] TELEFONAKTIEBOLAGET LM
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[25] EN
[54] **POWDER SPRAY APPARATUS
AND METHOD FOR COATING
THREADED ARTICLES AT OPTIMUM
SPRAY CONDITIONS**
[54] **DISPOSITIF DE PULVERISATION
DE POUDRE ET PROCEDE
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DANS DES CONDITIONS DE
PULVERISATION OPTIMALES**
[72] DUFFY, RICHARD J., US
[72] OLESKIE, RAYMOND, US
[72] SESSA, EUGENE, US
[73] NYLOK CORPORATION, US
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6B41J 13/26**
[25] EN
[54] **MAILING MACHINE INCLUDING
AN INK JET PRINTER HAVING BACK
PRESSURE REGULATION**
[54] **MACHINE DE TRAITEMENT DU
COURRIER COMPRENANT UNE
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PRESSION**
[72] HAIGO, HIDEAKI, JP
[73] PITNEY BOWES INC., US
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[25] EN
[54] **QUANTUM DOT INFRARED
PHOTODETECTORS (QDIP) AND
METHODS OF MAKING THE SAME**
[54] **PHOTODETECTEUR
INFRAROUGE AUX POINTS
QUANTIQUES (QDIP) ET METHODES
DE FABRICATION DE CE
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[72] FAFARD, SIMON, CA
[73] NATIONAL RESEARCH COUNCIL
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[54] **BUTEE DEPLACABLE**
[72] VOLL, MARTIN, DE
[72] MULLER, GEBHARD, DE
[72] JAGER, HORST, DE
[73] KENNAMETAL HERTEL AG
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METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME POUR
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[72] SCHIPPER, BRIAN W., US
[72] SHEIKH, SUNEEL I., US
[73] HONEYWELL INC., US
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[30] US (08/775,504) 1996-12-31

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[25] EN
[54] **SACRIFICIAL RIBS FOR
IMPROVED TIRE WEAR**
[54] **NERVURE SACRIFICIELLE POUR
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[73] MICHELIN RECHERCHE ET
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[30] US (60/034,301) 1996-12-19

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DETERGENT COMPOSITION AND ITS
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[72] MELLUL, MYRIAM, FR
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[30] FR (98 08 007) 1998-06-24

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[25] FR
[54] **CONTROLEUR D'ENTREES-
SORTIES AUTONOME ET DEPORTE**
[54] **OFFSET AUTONOMOUS INPUT/
OUTPUT CONTROLLER**
[72] PITOT, CHRISTIAN, FR
[72] LE BORGNE, OLIVIER, FR
[73] SEXTANT AVIONIQUE, FR
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[13] C

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[54] **SEMICONDUCTOR DEVICE WITH
SELECTIVELY DIFFUSED REGIONS**
[54] **DISPOSITIF SEMI-CONDUCTEUR
DOTE DE ZONES DIFFUSEES DE
FACON SELECTIVE**
[72] HORZEL, JORG, BE
[72] HONORE, MIA, BE
[72] NIJS, JOHAN, BE
[72] SZLUFCEK, JOZEF, BE
[73] IMEC VZW, BE
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[72] SARGEANT, JOHN BARRY, US
[72] SINGH, GURDEV, US
[72] PARIS, CALVIN L., US
[73] SIEMENS WESTINGHOUSE POWER CORPORATION, US
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[25] EN
[54] DOWNHOLE CUTTING SEPARATOR
[54] SEPARATEUR DE DEBLAIS DE FORAGE FOND DE TROU
[72] RYAN, JIMMY DON, US
[73] BAKER HUGHES INCORPORATED, US
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[30] US (60/063,397) 1997-10-27

[11] 2,276,577
[13] C

[51] Int.Cl. 6H04L 12/56
[25] EN
[54] METHOD AND APPARATUS FOR ROUTING IN A COMMUNICATION OR DATA NETWORK, OR A NETWORK COMPRISING COMMUNICATION AND DATA NETWORKS
[54] METHODE ET APPAREIL DE ROUTAGE DANS UN RESEAU DE COMMUNICATIONS OU DE DONNEES OU DANS UN RESEAU COMPOSE DE RESEAUX DE COMMUNICATIONS ET DE DONNEES
[72] PUHL, ALFONS, DE
[72] RUBAN, THOMAS, DE
[72] GRIMMINGER, JOCHEN, DE
[72] BOKAEMPER, MARTIN, DE
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[13] C

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[54] METHODE ET APPAREIL POUR ENRAYER LE CLUTTER DE PLUIE DANS UN SYSTEME RADAR
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[72] MCDADE, JAMES C., US
[72] BOHLEY, ERIC P., US
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[73] EATON-VORAD TECHNOLOGIES, L.L.C., US
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[11] 2,277,438
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[51] Int.Cl. 6H04Q 7/22
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[54] CENTRALIZED RADIO NETWORK CONTROL IN A MOBILE COMMUNICATIONS SYSTEM
[54] GESTION CENTRALISEE DU RESEAU RADIO DANS UN SYSTEME DE COMMUNICATION MOBILE
[72] FRIED, TOMAS, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-07-07
[86] 1998-01-09 (PCT/SE1998/000019)
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[30] US (08/785,344) 1997-01-17

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[51] Int.Cl. 6G01H 9/00
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[54] GROUPE-CAPTEUR DE GUIDES D'ONDES OPTIQUES POUR LA DETECTION A DISTANCE
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[73] LITTON SYSTEMS, INC., US
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[30] US (09/127,442) 1998-07-31

[11] 2,279,687
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[54] SET OF PROFILED STRIPS FOR THE MOUNTING OF WINDOWS IN A VEHICLE
[54] ENSEMBLE DE FEUILLARDS PROFILES
[72] MARCUS, ARMIN, DE
[72] GEBEL, THOMAS, DE
[73] HAPPICH FAHRZEUG-UND INDUSTRIETEILE GMBH, DE
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[54] METHOD AND APPARATUS FOR STRETCH WRAPPING A LOAD
[54] METHODE ET APPAREIL POUR L'EMBALLAGE D'UNE CHARGE SOUS FILM ETIRABLE
[72] LANCASTER, PATRICK R., III, US
[72] MARTIN, CURTIS, US
[73] LANTECH MANAGEMENT CORP. AND LANTECH HOLDING CORP. D/B/A LANTECH, INC., US
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[13] C

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[54] RECEPTACLES MULTICOUCHES
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[72] KITZMILLER, MICHAEL C., US
[73] PLASTIPAK PACKAGING, INC., US
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[54] **APPAREIL DE MARQUAGE BALISTIQUE A AEROSOL POUR MARQUER DES SUBSTRATS**
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[72] JACKSON, WARREN B., US
[72] ENDICOTT, FREDERICK J., US
[72] VOLKEL, ARMIN R., US
[72] KUBBY, JOEL A., US
[72] APTE, RAJ B., US
[72] PEETERS, ERIC, US
[72] KOVACS, GREGORY J., CA
[72] SHI, AN-CHANG, CA
[72] ANDERSON, GREGORY B., US
[72] HAYS, DAN A., US
[72] FLOYD, PHILIP D., US
[72] SMALL, JONATHAN A., US
[72] NOOLANDI, JAAN, US
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[13] C

[51] **Int.Cl. 6A47J 36/24**
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[54] **METHOD AND APPARATUS FOR PROVIDING EXTENDED FRIED FOOD HOLDING TIMES**
[54] **METHODE ET APPAREIL POUVANT OFFRIR DES TEMPS PROLONGES DE CONSERVATION DES FRITURES**
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[72] STANGER, KEITH A., US
[73] THE FRYMASTER CORPORATION, US
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[25] EN
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[54] **POSTE TELEPHONIQUE PERMETTANT D’AFFICHER CONSECUTIVEMENT LES NUMEROS D’APPELANT PAR UNE SIMPLE OPERATION**
[72] OKUBO, TAKASHI, JP
[72] IZAKI, MASAHIRO, JP
[73] SANYO ELECTRIC CO., LTD., JP
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[30] JP (09-081004) 1997-03-31

[11] **2,285,763**
[13] C

[51] **Int.Cl. 6H02K 3/48**
[25] EN
[54] **FIXING MEMBER FOR INSULATING COIL, DYNAMOELECTRIC MACHINE THEREWITH AND METHOD FOR FIXING INSULATING COIL THEREWITH**
[54] **ELEMENT DE FIXATION POUR BOBINE ISOLANTE, MACHINE DYNAMOELECTRIQUE CONTENANT CELLE-CI ET METHODE POUR FIXER LA BOBINE ISOLANTE DANS LA MACHINE**
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[72] HATANO, HIROSHI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[30] JP (10-291072) 1998-10-13

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[13] C

[51] **Int.Cl. 6D21F 1/32**
[25] EN
[54] **PROCEDURE FOR WASHING THE FABRICS OF A PAPER MACHINE OR EQUIVALENT**
[54] **PROCEDURE DE LAVAGE DE LA TOILE D’UNE MACHINE A PAPIER OU ANALOGUE**
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[73] ECOPUMP OY, FI
[85] 1999-10-08
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[30] FI (971502) 1997-04-10

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[13] C

[51] **Int.Cl. 6B21B 37/16 6B21B 37/68**
[25] EN
[54] **SHEET ROLLING METHOD AND SHEET ROLLING MILL**
[54] **PROCEDE DE LAMINAGE DE TOLES ET LAMINOIR**
[72] OHTA, SATORU, JP
[72] YAMADA, KENJI, JP
[72] ISHII, ATSUSHI, JP
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[87] (WO1999/043452)
[30] JP (10/47981) 1998-02-27
[30] JP (10/66809) 1998-03-17
[30] JP (10/68489) 1998-03-18

[11] **2,288,479**
[13] C

[51] **Int.Cl. 6E21B 33/02 6F04B 53/00 6F04B 47/02**
[25] EN
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[54] **CARDAN ET JOINT POUR TETE D’ENTRAINEMENT DE POMPE ROTATIVE DE FOND DE TROU**
[72] CIMBURA, JOHN ALAN, CA
[73] KUDU INDUSTRIES INC., CA
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[13] C

[51] **Int.Cl. 7H01R 12/24 7H01R 13/46**
[25] EN
[54] **COMMUNICATION CABLE TERMINATING PLUG**
[54] **FICHE DE TERMINAISON DE CABLE DE COMMUNICATION**
[72] LIN, CHEN-CHIEH, US
[73] LUCENT TECHNOLOGIES, INC., US
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[25] FR
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[54] **ROW OF SEATS PROVIDED WITH CABLE OR DUCT GUIDING MEANS**
[72] CHATAIGNIER, BERNARD, FR
[72] BUJON, DANIEL, FR
[73] CHATAIGNIER, BERNARD, FR
[73] BUJON, DANIEL, FR
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[86] 1997-05-09 (PCT/FR1997/000832)
[87] (WO1997/042858)
[30] FR (96/05792) 1996-05-09

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[13] C
[51] **Int.Cl. 7F16L 47/02 7B29C 65/34 7B29C 65/36 7H02M 5/44 7H02M 7/48**
[25] EN
[54] **FUSION JOINING APPARATUS**
[54] **APPAREIL D'ASSEMBLAGE PAR FUSION**
[72] PERICA, GORAN, US
[72] SMITH, CIN, US
[72] KINNEY, STEVE, US
[72] BLESKE, RANDY J., US
[73] UPONOR ALDYL COMPANY, US
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[30] US (08/857,230) 1997-05-16
[30] US (08/857,876) 1997-05-16

[11] **2,290,983**
[13] C
[51] **Int.Cl. 7H04N 5/445 7H04N 7/088**
[25] EN
[54] **SYSTEM AND METHOD FOR CHANGING PROGRAM GUIDE FORMAT**
[54] **SYSTEME ET PROCEDE PERMETTANT DE MODIFIER LE FORMAT D'UN GUIDE DES PROGRAMMES**
[72] SCHNEIDEWEND, DANIEL RICHARD, US
[72] BROWN, MEGAN LOUISE, US
[72] MCLANE, MICHAEL JOSEPH, US
[72] WESTLAKE, MARK SHERIDAN, US
[73] THOMSON CONSUMER ELECTRONICS, INC., US
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[86] 1998-06-05 (PCT/US1998/011635)
[87] (WO1998/056172)
[30] US (60/048,879) 1997-06-06

[11] **2,291,015**
[13] C
[51] **Int.Cl. 7G07F 7/08 7H04M 11/08 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **UNIVERSAL INTERACTIVE ADVERTISING & PAYMENT SYSTEM FOR PUBLIC ACCESS ELECTRONIC COMMERCE & BUSINESS RELATED PRODUCTS AND SERVICES**
[54] **SYSTEME DE PAIEMENT ET DE PUBLICITE INTERACTIVE UNIVERSELLE POUR LE COMMERCE ELECTRONIQUE ACCESSIBLE AU PUBLIC & DES PRODUITS RELIES AUX AFFAIRES ET SERVICES**
[72] KOLLS, H. BROCK, US
[73] USA TECHNOLOGIES, INC., US
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[87] (WO2000/005670)
[30] US (60/093,475) 1998-07-20
[30] US (09/293,129) 1999-04-16
[30] US (09,293,358) 1999-04-16

[11] **2,291,228**
[13] C
[51] **Int.Cl. 7G06F 11/22 7G06T 1/00**
[25] EN
[54] **SYSTEM AND METHOD FOR DIAGNOSING AND VALIDATING A MACHINE USING WAVEFORM DATA**
[54] **SYSTEME ET PROCEDE DE DIAGNOSTIC ET DE VALIDATION D'UNE MACHINE PAR UTILISATION DE DONNEES SE RAPPORTANT AU SIGNAL**
[72] STEEN, PHILLIP EDWARD, US
[72] JOHNSON, JOHN ANDREW, US
[72] CHEN, YU-TO, US
[72] SHAH, RASIKLAL PUNJALAL, US
[72] RAMANI, VIPIN KEWAL, US
[72] BONISSONE, PIERO PATRONE, US
[72] RAMACHANDRAN, RAMESH, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 1999-11-25
[86] 1999-03-30 (PCT/US1999/007103)
[87] (WO1999/050749)
[30] US (09/050,143) 1998-03-30

[11] **2,293,142**
[13] C
[51] **Int.Cl. 7A42B 1/24 7A41D 29/00**
[25] EN
[54] **ARTICLE OF CLOTHING WITH ATTACHABLE MAGNETIC BALL MARKER**
[54] **ARTICLE VESTIMENTAIRE AVEC ELEMENT METALLIQUE POUR MARQUEUR DE BALLE MAGNETIQUE**
[72] TATE, JOHN R., US
[73] TATE, JOHN R., US
[22] 1999-12-24
[30] US (09/426,786) 1999-10-22

[11] **2,293,548**
[13] C
[51] **Int.Cl. 7D21F 11/00**
[25] EN
[54] **METHOD OF MAKING PAPER WEB USING FLEXIBLE SHEET OF MATERIAL**
[54] **PROCEDE DE FABRICATION DE BANDES DE PAPIER A L'AIDE DE BANDES SOUPLES DE MATERIAUX**
[72] TROKHAN, PAUL DENNIS, US
[72] VITENBERG, VLADIMIR, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-12-03
[86] 1998-05-29 (PCT/US1998/011014)
[87] (WO1998/055690)
[30] US (08/870,544) 1997-06-06

[11] **2,294,948**
[13] C
[51] **Int.Cl. 7H04N 7/08 7H04N 7/085**
[25] EN
[54] **METHOD AND SYSTEM FOR ENCODING DATA IN THE HORIZONTAL OVERSCAN PORTION OF A VIDEO SIGNAL**
[54] **PROCEDE ET SYSTEME POUR LE CODAGE DE DONNEES DANS LA PARTIE DE SURBALAYAGE HORIZONTAL D'UN SIGNAL VIDEO**
[72] DEL CASTILLO, LEONARDO, US
[73] MICROSOFT CORPORATION, US
[85] 1999-12-29
[86] 1998-06-29 (PCT/US1998/013482)
[87] (WO1999/000979)
[30] US (08/885,385) 1997-06-30

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[11] **2,295,386**
[13] C

[51] **Int.Cl. 7F27D 3/15 7F23J 1/08**
[25] EN
[54] **SYSTEM AND METHOD FOR MINIMIZING SLAG CARRYOVER DURING THE PRODUCTION OF STEEL**
[54] **SYSTEME ET METHODE POUR REDUIRE AU MINIMUM LE TRANSPORT DE SCORIES LORS DE LA PRODUCTION D'ACIER**
[72] STOFANAK, JOHN A., US
[72] SHARAN, ALOK, US
[72] GOLDSTEIN, DANIEL A., US
[72] STELTS, ELIZABETH A., US
[73] ISG TECHNOLOGIES INC., US
[22] 2000-01-13
[30] US (09/414,505) 1999-10-08

[11] **2,303,099**
[13] C

[51] **Int.Cl. 7H03D 9/06**
[25] EN
[54] **IMAGE REJECTION SUB-HARMONIC FREQUENCY CONVERTER REALIZED IN MICROSTRIP, PARTICULARLY ADAPTED TO BE USED IN MOBILE COMMUNICATION EQUIPMENTS**
[54] **CONVERTISSEUR DE FREQUENCES SOUS-HARMONIQUES A AFFAIBLISSEMENT SUR LA FREQUENCE IMAGE, REALISE SUR LIGNE MICRORUBAN ET CONCU NOTAMMENT POUR UN MATERIEL DE COMMUNICATION MOBILE**
[72] POLITI, MARCO, IT
[73] SIEMENS MOBILE COMMUNICATIONS S.P.A., IT
[85] 2000-03-13
[86] 1998-09-14 (PCT/EP1998/005865)
[87] (WO1999/014853)
[30] IT (MI97A002085) 1997-09-15

[11] **2,304,566**
[13] C

[51] **Int.Cl. 7H04L 1/12 7H04Q 7/30**
[25] EN
[54] **METHOD AND BASE STATION SYSTEM FOR VOICE TRANSMISSION VIA A RADIO INTERFACE IN A DIGITAL RADIOTELEPHONE COMMUNICATION SYSTEM**
[54] **PROCEDE ET SYSTEME DE STATION DE BASE POUR TRANSMISSION DE CONVERSATION VIA UNE INTERFACE RADIO DANS UN SYSTEME NUMERIQUE DE RADIOTELECOMMUNICATIONS**
[72] OESTREICH, STEFAN, DE
[72] KOTTKAMP, MEIK, DE
[72] FARBER, MICHAEL, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2000-03-22
[86] 1998-09-16 (PCT/DE1998/002744)
[87] (WO1999/016204)
[30] DE (197 42 124.5) 1997-09-24

[11] **2,304,655**
[13] C

[51] **Int.Cl. 7H01H 61/00 7F15C 5/00**
[25] EN
[54] **THERMAL ARCHED BEAM MICROELECTROMECHANICAL STRUCTURE**
[54] **STRUCTURE MICRO-ELECTROMECHANIQUE A BARRETTES THERMO-ARQUEES**
[72] MAHADEVAN, RAMASWAMY, US
[72] DHULER, VIJAYAKUMAR R., US
[73] MEMSCAP S.A., FR
[85] 2000-03-22
[86] 1998-08-28 (PCT/US1998/018038)
[87] (WO1999/016096)
[30] US (08/936,598) 1997-09-24

[11] **2,306,587**
[13] C

[51] **Int.Cl. 7H01H 51/00**
[25] EN
[54] **ELECTROMAGNETIC RELAY, METHOD OF ADJUSTING THE SAME AND METHOD OF ASSEMBLING THE SAME**
[54] **RELAIS ELECTROMAGNETIQUE, ET METHODE DE REGLAGE ET METHODE D'ASSEMBLAGE DUDIT RELAIS**
[72] SUGAWARA, YOSINORI, JP
[72] ICHIKAWA, KAZUHIRO, JP
[72] ONO, TSUTOMU, JP
[72] IDE, TATSUMI, JP
[72] CHIBA, TOSHIAKI, JP
[72] GOTOU, TOSIYUKI, JP
[73] NEC TOKIN CORPORATION, JP
[22] 2000-04-26
[30] JP (119271/1999) 1999-04-27

[11] **2,306,681**
[13] C

[51] **Int.Cl. 7G01N 21/45 7G08C 15/00 7G08C 23/06 7H04B 10/08 7G01D 5/26 7G01C 19/64**
[25] EN
[54] **IMPROVED NORMALIZATION METHOD FOR FIBER OPTIC SENSOR SYSTEM**
[54] **NORMALISATION AMELIOREE POUR SYSTEME DE CAPTEUR OPTIQUE A FIBRE OPTIQUE**
[72] HALL, DAVID B., US
[73] LITTON SYSTEMS, INC., US
[22] 2000-04-26
[30] US (09/309,143) 1999-05-10

[11] **2,307,092**
[13] C

[51] **Int.Cl. 6B41J 2/045 6B41J 2/055**
[25] EN
[54] **IMPULSE FLUID JET APPARATUS WITH DEPRIMING PROTECTION**
[54] **DISPOSITIF A JET DE FLUIDE PULSE PROTEGE CONTRE LE DESAMORCAGE**
[72] KY, BOPTA, US
[72] CAHILL, CLIFF JOHN, US
[72] DUONG, HA VAN, US
[73] TRIDENT INTERNATIONAL, INC., US
[85] 2000-04-19
[86] 1998-07-06 (PCT/US1998/013962)
[87] (WO1999/020467)
[30] US (08/954,523) 1997-10-20

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[13] C
[51] Int.Cl. 7H01M 2/20
[25] EN
[54] BATTERY DISCONNECT SYSTEM
[54] SYSTEME SECTIONNEUR DE
BATTERIE
[72] LUONG, QUANG, CA
[72] CARKNER, STEVEN, CA
[72] MALTON, JONATHAN, CA
[72] FISCHER, DANIEL M., CA
[72] LOWLES, ROBERT L., CA
[72] SCHAAFF, CARL, CA
[73] RESEARCH IN MOTION LIMITED,
CA
[22] 2000-05-02
[30] US (60/132,391) 1999-05-04
[30] US (09/343,373) 1999-06-30

[11] 2,308,861
[13] C
[51] Int.Cl. 7B65D 83/44
[25] FR
[54] DISPOSITIF DE MONTAGE D'UNE
VALVE SUR UN RESERVOIR, ET
DISTRIBUTEUR CONTENANT UN
PRODUIT SOUS PRESSION, EQUIPE
D'UN TEL DISPOSITIF
[54] DEVICE FOR MOUNTING A
VALVE ON A RESERVOIR AND
DISTRIBUTOR CONTAINING A
PRESSURIZED PRODUCT EQUIPPED
WITH SUCH A DEVICE
[72] SANCHEZ, MARCEL, FR
[72] LASSERRE, PIERRE-ANDRE, FR
[73] L'OREAL, FR
[22] 2000-05-08
[30] FR (99 05 998) 1999-05-11

[11] 2,309,533
[13] C
[51] Int.Cl. 7B23K 9/095 7B23K 9/10
[25] EN
[54] ARC WELDING POWER SUPPLY,
PERIPHERAL DEVICE FOR ARC
WELDING, AND ARC WELDING
APPARATUS
[54] ALIMENTATION POUR SOUDAGE
A L'ARC, UNITE PERIPHERIQUE ET
APPAREIL CONNEXES
[72] HONGU, TOSHINORI, JP
[72] TSUCHIYA, YASUZO, JP
[73] MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., JP
[22] 2000-05-25
[30] JP (11-144466) 1999-05-25

[11] 2,310,395
[13] C
[51] Int.Cl. 7A01F 15/14
[25] EN
[54] LARGE ROUND BALER NET
WRAPPING APPARATUS HAVING NET
ROLL PRESSURE ARM SERVING
ALSO AS A LOADING PLATFORM
[54] MECANISME D'EMBALLAGE DE
GRANDES BALES CYLINDRIQUES AU
MOYEN D'UN FILET COMPRENANT
UN BRAS DE PRESSION POUR LE
ROULEAU DE FILET SERVANT
EGALEMENT DE PLATE-FORME DE
CHARGEMENT
[72] VIAUD, JEAN, FR
[72] PAZ, ZVI, IL
[72] ANSTEY, HENRY DENNIS, US
[72] LIEBER, YUVAL, IL
[72] PHILLIPS, KENNETH CRAIG, US
[72] MASS, NISSIM, IL
[73] DEERE & COMPANY, US
[22] 2000-06-01
[30] US (09/439,935) 1999-11-12

[11] 2,310,952
[13] C
[51] Int.Cl. 7G06F 17/60 7G06F 17/30
[25] EN
[54] ESTIMATION OF A WORK ITEM'S
WAIT-TIME FROM THE PRESENT
STAGES OF PROCESSING OF
PRECEDING WORK ITEMS
[54] EVALUATION DU TEMPS
D'ATTENTE D'UN APPEL A PARTIR
DE L'ETAT DU TRAITEMENT
D'APPELS ANTERIEURS
[72] FLOCKHART, ANDREW D., US
[72] ANDERSON, GREGORY L., US
[72] FOSTER, ROBIN H., US
[72] MATHEWS, EUGENE P., US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 2000-06-05
[30] US (09/333,215) 1999-06-15

[11] 2,311,133
[13] C
[51] Int.Cl. 6C07C 239/10
[25] EN
[54] METHOD FOR PRODUCING
ORGANIC HYDROXYLAMINES
[54] PROCEDE POUR PRODUIRE DES
HYDROXYLAMINES ORGANIQUES
[72] FREUDENREICH, JOHANNES, DE
[72] STOHRER, JUERGEN, DE
[73] CONSORTIUM FUER
ELEKTROCHEMISCHE INDUSTRIE
GMBH, DE
[85] 2000-05-19
[86] 1998-11-19 (PCT/EP1998/007445)
[87] (WO1999/028289)
[30] DE (197 53 462.7) 1997-12-02

[11] 2,311,499
[13] C
[51] Int.Cl. 6B32B 27/34
[25] EN
[54] MULTILAYER HEAT-
SHRINKABLE THERMOPLASTIC
FILM
[54] FILM THERMOPLASTIQUE
MULTICOUCHE
THERMORETRACTABLE
[72] PALEARI, MARIO, IT
[72] BUZZI, GIAMPAOLO, IT
[73] CRYOVAC, INC., US
[85] 2000-05-24
[86] 1998-11-13 (PCT/US1998/024293)
[87] (WO1999/026783)
[30] EP (97120724.6) 1997-11-26
[30] EP (98108493.2) 1998-05-11

[11] 2,311,560
[13] C
[51] Int.Cl. 6G06F 9/44
[25] EN
[54] A METHOD OF PROVIDING
ACCESS TO OBJECT PARAMETERS
WITHIN A SIMULATION MODEL
[54] PROCEDE PERMETTANT DE
FOURNIR L'ACCES A DES
PARAMETRES D'OBJETS AU SEIN
D'UN MODELE DE SIMULATION
[72] PATERSON, THOMAS S., US
[72] BANGS, ALEX L., US
[73] ENTELOS, INC., US
[85] 2000-05-25
[86] 1998-10-23 (PCT/US1998/022556)
[87] (WO1999/027442)
[30] US (08/979,270) 1997-11-25

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[11] **2,311,773**
[13] C

[51] **Int.Cl. 6F41G 3/26**
[25] EN
[54] **AREA WEAPONS EFFECT SIMULATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SIMULATION DES EFFETS D'ARMES DE SECTEURS**
[72] DRAPER, ROBERT L., US
[72] ROGERS, DENNIS D., US
[73] CUBIC DEFENSE SYSTEMS, INC., US
[85] 2000-05-26
[86] 1998-12-05 (PCT/US1998/025856)
[87] (WO1999/030103)
[30] US (08/988,019) 1997-12-10

[11] **2,312,056**
[13] C

[51] **Int.Cl. 7H04L 12/66**
[25] EN
[54] **COMMUNICATIONS CHANNEL SYNCHRONOUS MICRO-CELL SYSTEM FOR INTEGRATING CIRCUIT AND PACKET DATA TRANSMISSIONS**
[54] **SYSTEME DE MICROCELLULES SYNCHRONES DE CANAL DE COMMUNICATIONS POUR INTEGRER LA TRANSMISSION PAR CIRCUIT ET LA TRANSMISSION DE DONNEES PAR PAQUETS**
[72] WITSCHORIK, CHARLES ARTHUR, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 2000-06-22
[30] US (09/347,786) 1999-07-06

[11] **2,313,600**
[13] C

[51] **Int.Cl. 7B05D 5/00 7B05D 7/24**
[25] EN
[54] **METHOD OF POWDER COATING A SUBSTRATE**
[54] **METHODE POUR RECOUVRIR DE POUDRE UN SUBSTRAT**
[72] FARRO, JEFFREY B., US
[72] DIDRICK, ROBERT M., US
[72] KOZLOWSKI, JOSEPH, US
[72] HORINKA, PAUL R., US
[72] MUTHIAH, JENO, US
[73] ROHM AND HAAS COMPANY, US
[22] 2000-07-05
[30] US (09/356,224) 1999-07-16

[11] **2,312,234**
[13] C

[51] **Int.Cl. 6A61K 31/485**
[25] EN
[54] **USE OF METHYLNALTREXONE AND RELATED COMPOUNDS**
[54] **UTILISATION DU METHYLNALTREXONE ET COMPOSES AFFERENTS A CE COMPOSE**
[72] ROIZEN, MICHAEL F., US
[72] YUAN, CHUN-SU, US
[72] DRELL, WILLIAM, US
[72] FOSS, JOSEPH F., US
[72] MOSS, JONATHAN, US
[73] ARCH DEVELOPMENT CORPORATION, US
[73] UR LABS, INC., US
[85] 2000-05-29
[86] 1998-11-03 (PCT/US1998/023485)
[87] (WO1999/022737)
[30] US (08/962,742) 1997-11-03
[30] US (09/120,703) 1998-07-22

[11] **2,313,510**
[13] C

[51] **Int.Cl. 7B60D 1/24 7B60D 1/30**
[25] EN
[54] **WEIGHT DISTRIBUTING HITCH ASSEMBLY**
[54] **ATTELAGE REPARTITEUR DE CHARGE**
[72] SCHMIDT, KENNETH R., US
[72] HOELSCHER, DAVID L., US
[72] WEIPERT, NEAL, US
[72] MIDA, LYNN, US
[73] DRAW-TITE, INC., US
[22] 2000-07-07
[30] US (60/142,783) 1999-07-08

[11] **2,313,600**
[13] C

[51] **Int.Cl. 7B05D 5/00 7B05D 7/24**
[25] EN
[54] **METHOD OF POWDER COATING A SUBSTRATE**
[54] **METHODE POUR RECOUVRIR DE POUDRE UN SUBSTRAT**
[72] FARRO, JEFFREY B., US
[72] DIDRICK, ROBERT M., US
[72] KOZLOWSKI, JOSEPH, US
[72] HORINKA, PAUL R., US
[72] MUTHIAH, JENO, US
[73] ROHM AND HAAS COMPANY, US
[22] 2000-07-05
[30] US (09/356,224) 1999-07-16

[11] **2,313,775**
[13] C

[51] **Int.Cl. 6H04N 7/16**
[25] EN
[54] **PROGRAM SIGNAL BLOCKING SYSTEM**
[54] **SYSTEME DE BLOCAGE DE SIGNAUX D'EMISSION**
[72] FORLER, JOSEPH WAYNE, US
[73] THOMSON LICENSING S.A., FR
[85] 2000-06-08
[86] 1997-12-18 (PCT/US1997/023838)
[87] (WO1999/031882)

[11] **2,314,019**
[13] C

[51] **Int.Cl. 7B65D 71/06**
[25] EN
[54] **FILM MULTIPACKAGE**
[54] **EMBALLAGE MULTIPLE PAR PELLICULE**
[72] MARCO, LESLIE S., US
[73] ILLINOIS TOOL WORKS INC., US
[22] 2000-07-18
[30] US (09/373,936) 1999-08-17

[11] **2,314,602**
[13] C

[51] **Int.Cl. 7B65D 83/76 7B05C 17/01 7B65D 47/34**
[25] EN
[54] **PUMP DISPENSER HAVING A PLUNGER SEAL**
[54] **DISTRIBUTEUR A POMPE AVEC JOINT DE PISTON**
[72] SAYERS, RICHARD C., US
[72] DIVITTO, ANTHONY M., US
[72] BROZELL, LEONORA M., US
[73] CONTINENTALAFA DISPENSING COMPANY, US
[22] 2000-07-27
[30] US (09/369,873) 1999-08-09

[11] **2,316,125**
[13] C

[51] **Int.Cl. 7H02G 3/08 7H02G 3/12**
[25] EN
[54] **FLOOR BOX COVER ASSEMBLY**
[54] **COUVERCLE DE BOITE DE PARQUET**
[72] TURCOVSKY, GREGORY D., US
[72] RIEDY, CHARLES H., US
[73] THE LAMSON & SESSIONS COMPANY, US
[22] 2000-08-17
[30] US (09/406,557) 1999-09-27

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[13] C
[51] Int.Cl. 7H04M 1/738 7H04M 1/253
[25] EN
[54] SUBSCRIBER LINE INTERFACE
CIRCUIT
[54] CIRCUIT D'INTERFACE DE
LIGNE D'ABONNE
[72] SUDO, MINORU, JP
[73] NEC CORPORATION, JP
[22] 2000-09-07
[30] JP (11/253733) 1999-09-08

[11] 2,317,745
[13] C
[51] Int.Cl. 6B24B 1/00 6B24D 5/04
[25] EN
[54] HIGH SPEED GRINDING WHEEL
[54] MEULE GRANDE VITESSE
[72] ASPENSJO, LARS, DE
[72] WU, MIANXUE, US
[72] CARMAN, LEE A., US
[73] SAINT-GOBAIN ABRASIVES, INC.,
US
[85] 2000-07-05
[86] 1998-09-25 (PCT/US1998/020215)
[87] (WO1999/038648)
[30] US (09/016,823) 1998-01-30

[11] 2,318,299
[13] C
[51] Int.Cl. 7G06F 17/30 7G11B 20/00
7G06F 9/445
[25] EN
[54] METADATA EXCHANGE
[54] AUTOCOMMUTATEUR DE
METADONNEES
[72] CAZEMIER, HENK, CA
[72] IGNAT, LIVIU, CA
[73] COGNOS INCORPORATED, CA
[22] 2000-09-01

[11] 2,318,395
[13] C
[51] Int.Cl. 6H04N 7/14 6G09G 3/36
[25] EN
[54] MULTIFUNCTION VIDEO
COMMUNICATION SERVICE DEVICE
[54] DISPOSITIF
PLURIFONCTIONNEL DE SERVICES
POUR COMMUNICATIONS VIDEO
[72] LUDWIG, LESTER F., US
[73] COLLABORATION PROPERTIES,
INC., US
[85] 2000-07-10
[86] 1999-01-27 (PCT/US1999/001789)
[87] (WO1999/038324)
[30] US (60/072,762) 1998-01-27

[11] 2,318,882
[13] C
[51] Int.Cl. 6A01M 1/14
[25] EN
[54] DEVICE FOR LURING AND
CATCHING INSECTS
[54] PROCEDE POUR ATTIRER ET
CAPTURER DES INSECTES
[72] KLOCZKO, MALGORZATA, DE
[72] ROREGER, MICHAEL, DE
[73] LTS LOHMANN THERAPIE-
SYSTEME AG, DE
[85] 2000-07-21
[86] 1999-01-07 (PCT/EP1999/000053)
[87] (WO1999/037146)
[30] DE (198 02 750.8) 1998-01-26

[11] 2,319,673
[13] C
[51] Int.Cl. 6C07C 68/02 6C07C 69/96
[25] FR
[54] PROCEDE PERFECTIONNE DE
FABRICATION D'ANHYDRIDES
(METH)ACRYLIQUES MIXTES DE
HAUTE PURETE
[54] IMPROVED METHOD FOR
MAKING MIXED HIGH PURITY
(METH)ACRYLIC ANHYDRIDES
[72] RIONDEL, ALAIN, FR
[72] FABIS, FREDERIC, FR
[72] PAUL, JEAN-MICHEL, FR
[72] RAULT, SYLVAIN, FR
[73] ATOFINA, FR
[85] 2000-07-31
[86] 1999-01-28 (PCT/FR1999/000164)
[87] (WO1999/038837)
[30] FR (98/01155) 1998-02-02

[11] 2,319,989
[13] C
[51] Int.Cl. 7H02H 9/00 7H04B 1/00
[25] EN
[54] REDUCED-LOSS, HIGH-
FREQUENCY SIGNAL TRANSMISSION
SYSTEM UTILIZING AN OVER-
VOLTAGE AND OVER-CURRENT
PROTECTION DEVICE
[54] SYSTEME DE TRANSMISSION DE
SIGNAUX HAUTE FREQUENCE A
PERTE REDUITE UTILISANT UN
DISPOSITIF DE PROTECTION
CONTRE LES SURTENSIONS ET LES
SURINTENSITES
[72] SZEWCZUL, MARK, US
[72] YANCEY, GLENN, US
[73] ADVANCED FIBRE ACCESS
CORPORATION, US
[22] 2000-09-20
[30] US (09/415,362) 1999-10-08

[11] 2,320,253
[13] C
[51] Int.Cl. 7A42B 1/22 7A42C 5/02
[25] EN
[54] FREE-SIZE CAP
[54] CASQUETTE TAILLE UNIQUE
[72] PARK, BOO YL, KR
[73] DADA CORPORATION, KR
[85] 2000-08-08
[86] 1999-12-15 (PCT/US1999/029758)
[87] (WO2000/036941)
[30] US (09/217,997) 1998-12-22

[11] 2,320,545
[13] C
[51] Int.Cl. 7C08G 59/24 7C09D 163/00
7C09J 163/00 7C08G 59/42 7C08G 59/62
[25] EN
[54] ENERGY RAY CURING RESIN
COMPOSITION
[54] COMPOSITION DE RESINE
DURCISSANT SOUS RAYONNEMENT
[72] HAYASHI, NORIYA, JP
[73] MITSUBISHI HEAVY INDUSTRIES,
LTD., JP
[22] 2000-09-22
[30] JP (269648/1999) 1999-09-24

[11] 2,321,064
[13] C
[51] Int.Cl. 6E21C 35/20 6B65G 41/02
[25] EN
[54] SURFACE-ASSISTED
CONTINUOUS UNDERGROUND
MINING
[54] EXPLOITATION SOUTERRAINE
MINIERE EN CONTINUE AVEC
SOUTENEMENT EN SURFACE
[72] PETERSON, RANDALL D., US
[73] PETERSON, RANDALL D., US
[85] 2000-08-15
[86] 1999-02-16 (PCT/US1999/003322)
[87] (WO1999/041488)
[30] US (09/024,438) 1998-02-17

[11] 2,324,163
[13] C
[51] Int.Cl. 7E06B 9/30
[25] EN
[54] VENETIAN BLINDS
[54] STORES VENITIENS
[72] NIEN, MING, XX
[73] NIEN, MING, XX
[22] 2000-10-24
[30] US (09/487,034) 2000-01-19

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[11] **2,324,773**
[13] C

[51] **Int.Cl. 7B60R 13/02 7F16B 2/20**
[25] EN
[54] **MODULAR RETAINER CLIP ASSEMBLY FOR USE IN AN AUTOMOBILE**
[54] **PINCE DE RETENTION MODULAIRE POUR USAGE AUTOMOBILE**
[72] BEAVER, JEFFREY L., US
[73] CROTTY CORPORATION, US
[22] 2000-10-30
[30] US (09/433,229) 1999-11-04

[11] **2,325,047**
[13] C

[51] **Int.Cl. 7F04C 11/00 7F04C 15/00**
[25] EN
[54] **SUBMERSIBLE PUMP FOR USE IN A BORE HOLE**
[54] **DISPOSITIF A POMPE SUBMERSIBLE A UTILISER DANS UN TROU DE FORAGE**
[72] EITLER, JORG, DE
[73] NETZSCH OILFIELD PRODUCTS GMBH, DE
[85] 2000-06-20
[86] 1999-10-22 (PCT/EP1999/008021)
[87] (WO2000/025026)
[30] DE (198 48 792.4) 1998-10-22

[11] **2,325,200**
[13] C

[51] **Int.Cl. 7A01F 15/08 7G06K 19/00**
[25] EN
[54] **ARRANGEMENT FOR THE STORAGE OF DATA SPECIFIC TO A BALE**
[54] **CONFIGURATION DE STOCKAGE DES DONNEES D'UNE BALLE**
[72] OHLEMEYER, HEINRICH, DE
[72] KORMANN, GEORG, DE
[73] DEERE & COMPANY, US
[22] 2000-11-07

[11] **2,326,930**
[13] C

[51] **Int.Cl. 7C07H 17/00**
[25] EN
[54] **PREPARATION OF NON-CRYSTALLINE AND CRYSTALLINE DIHYDRATE FORMS OF AZITHROMYCIN**
[54] **PREPARATION D'AZITHROMYCINE SOUS FORME DESHYDRATE CRYSTALLINE ET NON-CRYSTALLINE**
[72] FERNANDEZ MARI, FELIX, ES
[72] LLORENTE GARCIA, ISIDRO, ES
[72] BAYOD JASANADA, MIGUEL SANTOS, ES
[73] ASTUR PHARMA S.A., ES
[22] 2000-11-24
[30] ES (99 02620) 1999-11-26

[11] **2,328,538**
[13] C

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

[11] **2,328,908**
[13] C

[51] **Int.Cl. 6B29C 45/13 6B29C 45/16**
[25] EN
[54] **METHOD AND APPARATUS FOR SUBSTANTIALLY SIMULTANEOUSLY FORMING MULTIPLE ARTICLES HAVING DIFFERENT PROPERTIES**
[54] **PROCEDE ET APPAREIL POUR FORMER DE MANIERE SENSIBLEMENT SIMULTANEE DE MULTIPLES ARTICLES AYANT DIFFERENTES PROPRIETES**
[72] CONNOLLY, DECLAN, IE
[72] FRYAUF, MICHAEL F., US
[72] SZCZECH, GERALD S., US
[72] MCCONNELL, MARK, IE
[73] GILLETTE CANADA COMPANY, CA
[85] 2000-10-17
[86] 1999-04-22 (PCT/US1999/008818)
[87] (WO1999/055514)
[30] US (09/067,328) 1998-04-28
[30] US (09/293,262) 1999-04-16

[11] **2,329,314**
[13] C

[51] **Int.Cl. 6G07F 11/00**
[25] EN
[54] **OPTICAL VEND-SENSING SYSTEM FOR CONTROL OF VENDING MACHINE**
[54] **SYSTEME DE DISTRIBUTION ET DE DETECTION OPTIQUE SERVANT A DETECTER LES OBJETS DISTRIBUES PAR UN DISTRIBUTEUR AUTOMATIQUE**
[72] SPENTZOS, KYRIAKOS PANAGIOTIS, US
[72] HAIR, JAMES MONROE, III, US
[73] AUTOMATED MERCHANDISING SYSTEMS, INC., US
[85] 2000-10-19
[86] 1999-04-28 (PCT/US1999/009165)
[87] (WO1999/056255)
[30] US (60/083,522) 1998-04-29
[30] US (09/261,221) 1999-03-03

[11] **2,329,973**
[13] C

[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **INITIALIZATION OF DYNAMIC LOGICAL COVERAGE AREAS FOR WIRELESS BASE STATIONS**
[54] **INITIALISATION DE ZONES DYNAMIQUES DE DIFFUSION LOGIQUE POUR STATIONS DE BASE SANS FIL**
[72] THIELER, STEPHEN M., US
[72] CHAVEZ, DAVID L., JR., US
[73] AVAYA TECHNOLOGY CORP., US
[22] 2001-01-03
[30] US (09/515,413) 2000-02-29

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[11] 2,330,092
[13] C

[51] Int.Cl. 7C07D 487/04 7A61P 29/00
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7A61K 31/496 7A61K 31/53 7A61K 31/535
7A61K 31/541
[25] EN
[54] BENZIMIDAZOLE COMPOUNDS
AS ORL1-RECEPTOR AGONISTS
[54] COMPOSES DE BENZIMIDAZOLE
UTILISES COMME AGONISTES DU
RECEPTEUR ORL1
[72] NOGUCHI, HIROHIDE, JP
[72] SHIMOKAWA, HIROHISA, JP
[72] OHASHI, YORIKO, JP
[72] ITO, FUMITAKA, JP
[73] PFIZER INC., US
[22] 2001-01-03
[30] US (60/174,542) 2000-01-05

[11] 2,330,097
[13] C

[51] Int.Cl. 6H01R 13/53
[25] EN
[54] SAFE-OPERATING LOAD
REDUCING TAP PLUG AND METHOD
FOR USING THE SAME
[54] PRISE DE DERIVATION
PROTEGEE, REDUCTRICE DE
CHARGE, ET PROCEDE
D'UTILISATION CORRESPONDANT
[72] TINTLE, ROBERT, US
[72] SCULL, DOUGLAS, US
[73] HUBBELL INCORPORATED, US
[85] 2000-10-23
[86] 1999-04-21 (PCT/US1999/008859)
[87] (WO1999/054964)
[30] US (09/065,222) 1998-04-23

[11] 2,331,169
[13] C

[51] Int.Cl. 6E01C 19/26
[25] EN
[54] PROTECTING COMPACTOR
AXLES, SEALS AND WHEEL
BEARINGS FROM WIRE WRAP
INTRUSION
[54] DISPOSITIF POUR PROTEGER
LES ARBRES D'ESSIEU, JOINTS DE
PALIER ET COUSSINETS DE LA ROUE
D'UN COMPACTEUR DU PHENOMENE
DES FILS ENROULES
[72] BETTENCOURT, DONALD CHRIS,
US
[72] CARON, JAMES O., US
[72] CARON, SCOTT F. P., US
[73] CARON COMPACTOR CO., US
[85] 2000-11-02
[86] 1999-05-13 (PCT/US1999/010615)
[87] (WO1999/060214)
[30] US (09/080,059) 1998-05-15

[11] 2,331,271
[13] C

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

[11] 2,331,306
[13] C

[51] Int.Cl. 7A47L 13/16
[25] EN
[54] CLEANING CLOTH
[54] TORCHON DE NETTOYAGE
[72] WIRSCHING, JOCHEN, DE
[72] GROTEN, ROBERT, FR
[72] DUNKEL, JOERG, DE
[72] RUDOLPH, FRANK, DE
[73] CARL FREUDENBERG KG, DE
[22] 2001-01-18
[30] DE (P 10002778.4) 2000-01-22

[11] 2,331,359
[13] C

[51] Int.Cl. 7C11D 11/00 7C11D 17/06
7C11D 3/08
[25] EN
[54] METHOD FOR DISPENSING
[54] PROCEDE DE DISTRIBUTION
[72] FIGUEROA, FRANCISCO RAMON,
GB
[72] HARTSHORN, RICHARD TIMOTHY,
GB
[72] CANCEIL, SYLVESTRE, GB
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 2000-11-03
[86] 1999-07-08 (PCT/US1999/015310)
[87] (WO2000/002993)
[30] GB (9814687.1) 1998-07-08

[11] 2,331,366
[13] C

[51] Int.Cl. 6B63B 1/12 6B63B 1/20
[25] EN
[54] HULL FOR SHIPPING WITH A
MONO-THREE-CATAMARAN
ARCHITECTURE
[54] COQUE CONCUE POUR UNE
ARCHITECTURE DE MONOCOQUE,
DE TRIMARAN OU DE CATAMARAN
[72] MASCELLARO, LUIGI, IT
[73] MASCELLARO, LUIGI, IT
[85] 2000-11-03
[86] 1999-04-22 (PCT/IT1999/000101)
[87] (WO1999/057006)
[30] IT (RM98A000294) 1998-05-06
[30] IT (RM99A000024) 1999-01-14

[11] 2,336,623
[13] C

[51] Int.Cl. 7C11D 17/00 7C11D 3/34
[25] EN
[54] DETERGENT TABLET WITH
HIGH MECHANICAL AND
DISSOLUTION CHARACTERISTICS
[54] COMPRIME DETERGENT
PRESENTANT DES
CARACTERISTIQUES MECANIQUES
ET DISSOLVANTES PUISSANTES
[72] WEVERS, JEAN, BE
[72] VEGA, JOSE LUIS, BE
[72] TCHEOU, ERIC, BE
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 2001-01-04
[86] 1999-07-12 (PCT/US1999/015676)
[87] (WO2000/002994)
[30] EP (98870151.2) 1998-07-10
[30] EP (98870181.9) 1998-08-24

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[11] **2,337,728**
[13] C

[51] **Int.Cl. 7G05B 19/04 7H02B 1/00 7H02J 13/00**
[25] EN
[54] **ENERGY MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE L'ENERGIE**
[72] GRAHAM, FREDRIC I., US
[72] RENEAU, CHARLES E., US
[72] SIDERS, KEITH E., US
[72] REID, DREW A., US
[72] MUNYON, TODD, US
[72] JORDAN, SCOTT C., US
[72] BROOKS, STANLEY J., US
[73] SQUARE D. COMPANY, US
[22] 2001-02-22
[30] US (60/184,911) 2000-02-25
[30] US (09/765,915) 2001-01-18

[11] **2,338,771**
[13] C

[51] **Int.Cl. 7B65G 39/02 7B60B 33/00 7B60P 1/52**
[25] EN
[54] **MATERIAL HANDLING UNIT WITH MULTIDIRECTIONAL HELICAL ROLLER ASSEMBLIES**
[54] **UNITE DE MANIPULATION DE MARCHANDISES DOTEES D'ENSEMBLES ROULEAU OVALE MULTIDIRECTIONNEL**
[72] TIMMER, MICHAEL L., US
[72] GOU, JUAN F., US
[72] MCKINNON, LAURA L., US
[73] FMC TECHNOLOGIES, INC., US
[85] 2001-01-25
[86] 1999-04-08 (PCT/US1999/007687)
[87] (WO2000/006474)
[30] US (09/126,488) 1998-07-30

[11] **2,342,155**
[13] C

[51] **Int.Cl. 7H03F 3/58 7H03G 7/00 7H03F 1/06**
[25] EN
[54] **LINEAR TRAVELING WAVE TUBE AMPLIFIER UTILIZING INPUT DRIVE LIMITER FOR OPTIMIZATION**
[54] **AMPLIFICATEUR A TUBE A ONDES PROGRESSIVES UTILISANT UN LIMITEUR DE PUISSANCE D'ENTREE POUR ASSURER UNE OPTIMISATION**
[72] KIRKMAN, GEORGE F., US
[73] THE BOEING COMPANY, US
[85] 2000-12-18
[86] 2000-04-19 (PCT/US2000/010507)
[87] (WO2000/064047)
[30] US (09/295,720) 1999-04-21

[11] **2,342,506**
[13] C

[51] **Int.Cl. 7F21V 13/08 7H05B 41/34**
[25] EN
[54] **INFRARED ENHANCED PULSED SOLAR SIMULATOR**
[54] **AMELIORATION D'UN SIMULATEUR SOLAIRE PULSE A L'AIDE DU RAYONNEMENT INFRAROUGE**
[72] LOVELADY, JAMES N., US
[73] THE BOEING COMPANY, US
[22] 2001-03-29
[30] US (09/539,677) 2000-03-30

[11] **2,342,551**
[13] C

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

[11] **2,342,644**
[13] C

[51] **Int.Cl. 7B29C 39/12**
[25] EN
[54] **MOLDED RESIN LAMINATE AND METHOD FOR PRODUCING THE SAME**
[54] **MATERIAU LAMELLE EN RESINE MOULEE ET METHODE DE PRODUCTION**
[72] CHUJO, KENICHI, JP
[72] WAKABAYASHI, KAZUSHIRO, JP
[72] HASHIMOTO, HIROE, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[22] 2001-03-29
[30] JP (2000-103666) 2000-04-05

[11] **2,343,960**
[13] C

[51] **Int.Cl. 7F16L 11/00**
[25] EN
[54] **TOP OPENING CABLE CONNECTOR**
[54] **CONNECTEUR DE CABLE A OUVERTURE PAR LE HAUT**
[72] DE FRANCE, ROBERT V., US
[73] MACLEAN-FOGG COMPANY, US
[85] 2001-03-13
[86] 2000-03-30 (PCT/US2000/008501)
[87] (WO2000/060264)
[30] US (09/286,639) 1999-04-02

[11] **2,344,943**
[13] C

[51] **Int.Cl. 7C22B 26/22 7C25C 3/04 7C22B 3/20 7C01F 5/30**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF A HIGH-PURITY CONCENTRATED MAGNESIUM CHLORIDE SOLUTION BY ACID LEACHING AND NEUTRALIZATION**
[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION DE CHLORURE DE MAGNESIUM CONCENTRE TRES PURE, PAR LIXIVIATION ACIDE ET NEUTRALISATION**
[72] WHITE, CARL W., CA
[72] BERUBE, MICHEL, CA
[73] NORANDA INC., CA
[85] 2001-03-21
[86] 1999-09-22 (PCT/CA1999/000851)
[87] (WO2000/017408)
[30] US (09/158,607) 1998-09-23

[11] **2,344,963**
[13] C

[51] **Int.Cl. 7F16F 9/32**
[25] EN
[54] **SMALL VISCOUS PRECISION DAMPER**
[54] **PETIT AMORTISSEUR VISQUEUX DE PRECISION**
[72] DERR, CALVIN, US
[73] ILLINOIS TOOL WORKS INC., US
[22] 2001-04-25
[30] US (09/580,859) 2000-05-30

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[11] 2,345,168
[13] C

[51] **Int.Cl. 7H01C 7/00**
[25] EN
[54] **CURRENT/VOLTAGE NON-LINEAR RESISTOR AND SINTERED BODY THEREFOR**
[54] **RESISTANCE NON LINEAIRE DE REDUCTION DE L'INTENSITE ET DE LA TENSION ET CORPS FRITTE CONNEXE**
[72] HIGASHIBATA, KOJI, JP
[72] NARITA, HIROYOSHI, JP
[72] ANDO, HIDEYASU, JP
[72] UDAGAWA, TAKESHI, JP
[72] IMAI, TOSHIYA, JP
[72] TANNO, YOSHIKAZU, JP
[72] SUZUKI, HIRONORI, JP
[72] ITO, YOSHIYASU, JP
[72] UMEHARA, KIYOKAZU, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2001-04-25
[30] JP (124762/2000) 2000-04-25

[11] 2,345,910
[13] C

[51] **Int.Cl. 7F16F 9/02**
[25] EN
[54] **AIR DAMPER FOR A MOVABLY SUPPORTED STRUCTURAL PART, IN PARTICULAR IN AUTOMOBILES**
[54] **AMORTISSEUR PNEUMATIQUE POUR PIECE STRUCTURALE A SUPPORT MOBILE, EN PARTICULIER POUR AUTOMOBILES**
[72] MULLER, HANS-GUNTHER, DE
[73] ITW AUTOMOTIVE PRODUCTS GMBH & CO. KG, DE
[22] 2001-05-02
[30] DE (100 21 762.1) 2000-05-04

[11] 2,345,999
[13] C

[51] **Int.Cl. 7H04L 27/26 7H04H 1/00 7H04L 25/03**
[25] EN
[54] **METHOD AND APPARATUS FOR DEMODULATING AND EQUALIZING AN AM COMPATIBLE DIGITAL AUDIO BROADCAST SIGNAL**
[54] **PROCEDE ET APPAREIL DE DEMODULATION ET D'EGALISATION D'UN SIGNAL DE RADIODIFFUSION AUDIO NUMERIQUE COMPATIBLE AM**
[72] HARTUP, DAVID CARL, US
[72] GOLDSTON, DON R., US
[73] IBIQUITY DIGITAL CORPORATION, US
[85] 2001-03-29
[86] 1999-09-02 (PCT/US1999/020276)
[87] (WO2000/021261)
[30] US (09/208,107) 1998-10-02

[11] 2,347,725
[13] C

[51] **Int.Cl. 7H04B 7/005**
[25] EN
[54] **CDMA TRANSMIT PEAK POWER REDUCTION**
[54] **REDUCTION DE LA PUISSANCE DE CRETE D'EMISSION AMRT**
[72] JIN, XIN, CA
[72] MCGOWAN, NEIL, CA
[73] NORTEL NETWORKS LIMITED, CA
[85] 2001-04-12
[86] 1999-11-10 (PCT/CA1999/001060)
[87] (WO2000/033477)
[30] US (09/200,759) 1998-11-27

[11] 2,348,352
[13] C

[51] **Int.Cl. 7A47K 10/22**
[25] EN
[54] **TOILET PAPER ROLL DISPENSER**
[54] **DISTRIBUTEUR DE ROULEAUX DE PAPIER HYGIENIQUE**
[72] HOO KONG, MICHELE RENEE, CA
[73] HOO KONG, MICHELE RENEE, CA
[22] 2001-05-24

[11] 2,349,007
[13] C

[51] **Int.Cl. 7F04C 2/08**
[25] EN
[54] **PUMP**
[54] **POMPE**
[72] TIEBEN, JAMES B., US
[73] TIEBEN, JAMES B., US
[85] 2001-04-26
[86] 2000-07-26 (PCT/US2000/020317)
[87] (WO2001/016465)
[30] US (60/160,063) 1999-08-27
[30] US (09/436,413) 1999-11-09

[11] 2,350,363
[13] C

[51] **Int.Cl. 7B01D 53/70 7C25B 1/26**
[25] EN
[54] **PROCESS AND SYSTEM FOR DECOMPOSING POLLUTANTS**
[54] **PROCEDE ET SYSTEME POUR DECOMPOSER DES POLLUANTS**
[72] KURIYAMA, AKIRA, JP
[72] KATO, KINYA, JP
[72] KAWAGUCHI, MASAHIRO, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 2001-06-13
[30] JP (181636/2000) 2000-06-16

[11] 2,351,082
[13] C

[51] **Int.Cl. 6B09B 3/00**
[25] EN
[54] **METHOD FOR ACCELERATED REMEDIATION & METHOD OF USING AN APPARATUS THEREFOR**
[54] **PROCEDE DE BIORESTAURATION ACCELEREE ET PROCEDE D'UTILISATION D'UN APPAREIL A CET EFFET**
[72] HORN, RONALD D., US
[72] HORN, TERRY DEAN, US
[72] GLAZE, BRADLEY S., US
[72] WARNER, KENNETH R., US
[73] H & H ECO SYSTEMS, INC., US
[85] 2001-05-11
[86] 1999-11-17 (PCT/US1999/027351)
[87] (WO2001/000343)
[30] US (09/197,079) 1998-11-20

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[11] **2,351,795**
[13] C

[51] **Int.Cl. 7F24B 7/00**
[25] EN
[54] **VENTILATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE VENTILATION**
[72] MCCARREN, GREGORY M., US
[73] WOODLANE ENVIRONMENTAL TECHNOLOGY, INC., US
[22] 2001-06-27
[30] US (60/223,505) 2000-08-07
[30] US (09/836,824) 2001-04-17

[11] **2,352,591**
[13] C

[51] **Int.Cl. 7F02F 11/00**
[25] EN
[54] **SEAL STRUCTURE BETWEEN CYLINDER HEAD AND HEAD COVER IN ENGINE**
[54] **STRUCTURE DE JOINT ENTRE LA CULASSE ET LE COUVRE-CULASSE D'UN MOTEUR**
[72] NISHIDA, TAKAO, JP
[72] EDAMATSU, SHIGEKI, JP
[72] ARAI, TETSUYA, JP
[72] ITO, KEITA, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[22] 2001-07-06
[30] JP (2000-215851) 2000-07-11

[11] **2,353,141**
[13] C

[51] **Int.Cl. 7A47J 37/07**
[25] EN
[54] **REVERSIBLE CLAMPING MEMBER FOR A ROTISSERIE**
[54] **ELEMENT DE SERRAGE REVERSIBLE POUR ROTISSOIRE**
[72] WALTMAN, JOHN H., US
[73] WALTMAN, JOHN H., US
[22] 2001-07-17
[30] US (09/705,242) 2000-11-02

[11] **2,353,297**
[13] C

[51] **Int.Cl. 7F16H 48/20**
[25] EN
[54] **FULLY-LOCKING TORQUE-PROPORTIONING DIFFERENTIAL**
[54] **DIFFERENTIEL A COUPLE PROPORTIONNEL ET A BLOCAGE TOTAL**
[72] VALENTE, PAUL J., US
[73] TRACTECH INC., US
[22] 2001-07-19
[30] US (09/635,467) 2000-08-11

[11] **2,356,682**
[13] C

[51] **Int.Cl. 7A61B 5/00 7G06F 17/00**
[25] EN
[54] **HOLTER-TYPE MONITOR SYSTEM COMPRISING AN ANALYTE SENSOR**
[54] **SYSTEME DE SUIVI MEDICAL DE TYPE HOLTER A DETECTEUR DE SUBSTANCES A ANALYSER**
[72] CAUSEY, JAMES D., III, US
[72] KOVELMAN, PAUL H., US
[72] MASTROTOTARO, JOHN J., US
[72] PURVIS, RICHARD E., US
[73] MEDTRONIC MINIMED, INC., US
[85] 2001-06-22
[86] 2000-01-27 (PCT/US2000/002234)
[87] (WO2000/045696)
[30] US (09/246,661) 1999-02-05

[11] **2,357,092**
[13] C

[51] **Int.Cl. 7H04L 12/26 7H04B 17/00 7H04L 1/20 7H04Q 7/36**
[25] EN
[54] **INTEGRATING POWER-CONTROLLED RATE-CONTROLLED TRANSMISSION ON A SAME FREQUENCY CARRIER**
[54] **INTEGRATION DE LA PUISSANCE D'EMISSION ET DU DEBIT D'EMISSION DE DONNEES SUR UNE MEME FREQUENCE PORTEUSE**
[72] KADABA, SRINIVAS R., US
[72] VITEBSKY, STANLEY, US
[72] GOPALAKRISHNAN, NANDU, US
[72] JOSHI, NIRANJAN SUDHIR, US
[72] KOGIANTIS, ACHILLES GEORGE, US
[72] SUNAY, MEHMET OGUZ, TR
[72] SUNDARAM, GANAPATHY SUBRAMANIAN, US
[72] RUDRAPATNA, ASHOK N., US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 2001-08-30
[30] US (09/658,084) 2000-09-11

[11] **2,357,120**
[13] C

[51] **Int.Cl. 7A23C 19/086 7A01J 27/00 7A23C 19/06 7A23L 1/22**
[25] EN
[54] **NATURAL BIOGENERATED CHEESE FLAVORING SYSTEM**
[54] **SYSTEME POUR AROMATISER NATURELLEMENT LE FROMAGE AVEC DES PRODUITS BIOLOGIQUES**
[72] MEHNERT, DAVID W., US
[72] ELABOR, BASHIR AIDELOJE, US
[72] REDDY, DIVYA SHREE, US
[72] MORAN, JAMES W., US
[72] FRITSCH, RUDOLF J., US
[73] KRAFT FOODS HOLDINGS, INC., US
[22] 2001-09-11
[30] US (09/659,459) 2000-09-12

[11] **2,357,202**
[13] C

[51] **Int.Cl. 7B31B 1/90**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR INSERTING A FASTENER INTO A PACKING STRIP OR PLATE**
[54] **METHODE ET APPAREIL D'INSERTION D'UNE ATTACHE DANS UNE BANDE OU UNE PLAQUE D'EMBALLAGE**
[72] BIRKEL, THIERRY, FR
[73] ITW LITEC FRANCE, FR
[22] 2001-09-12
[30] FR (0011704) 2000-09-14

[11] **2,357,808**
[13] C

[51] **Int.Cl. 7H05H 1/34 7B23K 37/00**
[25] EN
[54] **ELECTRODE DIFFUSION BONDING**
[54] **SOUDAGE PAR DIFFUSION A ELECTRODE**
[72] MCBENNETT, MICHAEL C., US
[72] LYNCH, RUE ALLEN, US
[72] TURNER, TOMMIE ZACK, US
[73] THE ESAB GROUP, INC., US
[22] 2001-09-26
[30] US (09/773,847) 2001-01-31

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[13] C
[51] Int.Cl. 7A47K 7/03 7A47K 7/00
7A61K 7/06 7D21H 27/30 7A61K 7/48
[25] EN
[54] WATER-FLUX LIMITING
CLEANSING ARTICLES
[54] ARTICLE DE TOILETTE
PRESENTANT UNE CAPACITE
LIMITEE D'ECOULEMENT D'EAU
[72] SMITH, EDWARD DEWEY, III, US
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 2001-08-13
[86] 2000-01-20 (PCT/US2000/001387)
[87] (WO2000/042961)
[30] US (60/116,565) 1999-01-21

[11] **2,360,010**
[13] C
[51] Int.Cl. 7B32B 27/08 7B32B 23/08
7B32B 27/10 7B32B 27/42
[25] EN
[54] ABRASION RESISTANT
LAMINATE AND PROCESS FOR
PRODUCING SAME
[54] LAMINE RESISTANT A
L'ABRASION ET PROCEDE DE
FABRICATION
[72] KARAM, FOUAD TORKUM, US
[73] PANOLAM INDUSTRIES
INTERNATIONAL, INC., US
[85] 2001-07-12
[86] 2000-01-12 (PCT/US2000/000714)
[87] (WO2000/041883)
[30] US (09/231,105) 1999-01-14

[11] **2,361,357**
[13] C
[51] Int.Cl. 7G03G 15/00 7G03G 21/00
7G03G 15/14
[25] EN
[54] TONING STATION DRIVE CHAIN
COVER ASSEMBLY
[54] COUVERCLE DE CHAINE DE
COMMANDE DE POSTE DE VIRAGE
[72] WINTERBERGER, CHARLES R., US
[72] PATTERSON, KENNETH M., US
[72] THOMPSON, PAUL E., US
[73] EASTMAN KODAK COMPANY, US
[22] 2001-11-09
[30] US (09/734,956) 2000-11-12

[11] **2,361,902**
[13] C
[51] Int.Cl. 7B65D 23/00 7B65D 1/02
[25] EN
[54] HOLLOW PLASTIC BOTTLES
[54] BOUTEILLES EN PLASTIQUE
VIDES
[72] PEDMO, MARC A., US
[72] DORN, JAMES C., US
[72] DARR, RICHARD C., US
[73] PLASTIPAK PACKAGING, INC., US
[22] 2001-11-13
[30] US (09/724,030) 2000-11-28
[30] US (09/770,904) 2001-01-26

[11] **2,362,078**
[13] C
[51] Int.Cl. 7B65G 33/02
[25] EN
[54] SPIRAL SINGULATOR
[54] SEPARATEUR A VIS SANS FIN
[72] VERNON, DALE, CA
[72] LINDENBLATT, BRUNO, CA
[73] LINDEN FABRICATING &
ENGINEERING (PRINCE GEORGE) LTD.,
CA
[22] 2001-11-08
[30] CA (2,325,317) 2000-11-09

[11] **2,362,133**
[13] C
[51] Int.Cl. 7H03M 7/20 7G11B 20/10
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[25] EN
[54] SIGNAL MODULATING METHOD,
SIGNAL MODULATING APPARATUS,
SIGNAL DEMODULATING METHOD
AND SIGNAL DEMODULATING
APPARATUS
[54] PROCEDE DE MODULATION DE
SIGNAUX, MODULATEUR DE
SIGNAUX, PROCEDE DE
DEMODULATION DE SIGNAUX ET
DEMODULATEUR DE SIGNAUX
[72] OKAZAKI, TORU, JP
[72] YOSHIMURA, SHUNJI, JP
[73] SONY CORPORATION, JP
[22] 1995-07-07
[62] 2,171,113
[30] JP (P6-157175) 1994-07-08

[11] **2,362,419**
[13] C
[51] Int.Cl. 7H04Q 7/36 7H04B 7/216
[25] EN
[54] DATA TRANSMITTING METHOD
IN A CDMA SYSTEM
[54] PROCEDE DE TRANSMISSION DE
DONNEES DANS UN SYSTEME AMRC
[72] CHANG, HOON, KR
[72] LEE, SUNG-WON, KR
[72] KIM, DAE-GYUN, KR
[72] KOO, CHANG-HOI, KR
[72] LEE, HYUN-SEOK, KR
[73] SAMSUNG ELECTRONIC CO. LTD.,
KR
[85] 2001-08-27
[86] 2000-12-29 (PCT/KR2000/001563)
[87] (WO2001/050637)
[30] KR (1999/64544) 1999-12-29

[11] **2,363,928**
[13] C
[51] Int.Cl. 7G10K 15/04 7G01N 29/24
[25] EN
[54] SYSTEM AND METHOD FOR
ULTRASONIC LASER TESTING USING
A LASER SOURCE TO GENERATE
ULTRASOUND HAVING A TUNABLE
WAVELENGTH
[54] SYSTEME ET PROCEDE DE
VERIFICATION AU LASER A
ULTRASONS METTANT EN
APPLICATION UNE SOURCE LASER
AFIN DE GENERER DES ULTRASONS
POSSEDANT UNE LONGUEUR D'ONDE
ACCORDABLE
[72] LORRAINE, PETER W., US
[72] BIGIO, LAURENCE, US
[72] FILKINS, ROBERT J., US
[73] LOCKHEED MARTIN
CORPORATION, US
[85] 2001-10-31
[86] 2000-07-27 (PCT/US2000/020403)
[87] (WO2001/007865)
[30] US (09/361,769) 1999-07-27

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[25] EN
[54] **APPARATUS FOR ULTRAVIOLET LIGHT TREATMENT OF FLUIDS**
[54] **APPAREIL POUR LE TRAITEMENT DE FLUIDES PAR LA LUMIERE ULTRAVIOLETTE**
[72] KOZLOWSKI, HENRY, CA
[73] KOZLOWSKI, HENRY, CA
[85] 2001-08-21
[86] 1999-06-04 (PCT/CA1999/000520)
[87] (WO2000/075080)

[11] **2,365,157**
[13] C

[51] **Int.Cl. 7E05B 15/00**
[25] EN
[54] **MULTIPOINT LOCK FOR SLIDING PATIO DOOR**
[54] **DISPOSITIF DE VERROUILLAGE MULTIPOINT POUR PORTES PANORAMIQUES COULISSANTES**
[72] BESTLER, WILLIAM J., US
[72] BLOM, MARCIA K., US
[72] VELZKE, CLARK A., US
[73] TRUTH HARDWARE CORPORATION, US
[22] 1997-11-17
[62] 2,221,223
[30] US (08/854,341) 1997-05-12

[11] **2,366,148**
[13] C

[51] **Int.Cl. 7B29B 11/08**
[25] EN
[54] **INJECTION MOLDING METHOD AND APPARATUS, AND MOLDED PRODUCT OBTAINED FROM THE METHOD**
[54] **METHODE ET APPAREIL POUR LE MOULAGE PAR INJECTION, ET PRODUITS AINSI MOULES**
[72] NAGAOKA, TSUTOMU, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[22] 2001-12-24
[30] JP (2000-392385) 2000-12-25

[11] **2,366,219**
[13] C

[51] **Int.Cl. 7B65G 67/04 7B65G 67/24 7B60P 1/36**
[25] EN
[54] **AUTOMATIC STORAGE SYSTEM, ESPECIALLY FOR VEHICLES**
[54] **SYSTEME DE STOCKAGE AUTOMATIQUE POUVANT ETRE APPLIQUE A DES VEHICULES**
[72] SANCHEZ GOMEZ, GINES, ES
[73] SANCHEZ GOMEZ, GINES, ES
[85] 2001-09-06
[86] 2000-03-07 (PCT/ES2000/000082)
[87] (WO2000/053518)
[30] ES (P 9900503) 1999-03-08

[11] **2,367,562**
[13] C

[51] **Int.Cl. 7H04M 3/56**
[25] EN
[54] **AUDIO CONFERENCE PLATFORM WITH CENTRALIZED SUMMING**
[54] **PLATE-FORME D'AUDIOCONFERENCE AVEC RECAPITULATION CENTRALISEE**
[72] LEONDIRES, ARTHUR P., US
[72] O'MALLEY, WILLIAM, US
[73] POLYCOM, INC., US
[85] 2001-09-21
[86] 2000-03-22 (PCT/US2000/007559)
[87] (WO2000/057619)
[30] US (60/125,440) 1999-03-22
[30] US (60/148,975) 1999-08-13

[11] **2,367,572**
[13] C

[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **METHOD AND SYSTEM FOR LOCATING A MOBILE SUBSCRIBER IN A CDMA COMMUNICATION SYSTEM**
[54] **PROCEDE ET SYSTEME DE LOCALISATION D'UN ABONNE MOBILE DANS UN SYSTEME DE TELECOMMUNICATIONS AMDC**
[72] MESECHER, DAVID K., US
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2001-09-21
[86] 1999-09-03 (PCT/US1999/020257)
[87] (WO2000/057661)
[30] US (09/274,081) 1999-03-22

[11] **2,367,713**
[13] C

[51] **Int.Cl. 7E02B 3/04**
[25] EN
[54] **A MODULAR FIBER LOG EROSION AND SEDIMENT CONTROL BARRIER**
[54] **BARRIERE ANTI-EROSION ET DE CONTROLE DES SEDIMENTS EN RONDINS DE FIBRE MODULAIRES**
[72] JAYANATH, KUMAR GOPALAN, US
[72] ABBOTT, BOB, US
[72] SPANGLER, J. ERIC, US
[72] BLAZEK, JAMES A., US
[73] FIBER KING LLP, D/B/A KING FIBRE COIRPORATION, US
[22] 2002-01-16
[30] US (09/805,394) 2001-03-13

[11] **2,368,877**
[13] C

[51] **Int.Cl. 7E21B 33/03**
[25] EN
[54] **ASSEMBLY FOR LOCKING A POLISHED ROD IN A PUMPING WELLHEAD**
[54] **ENSEMBLE DE BLOCAGE DE TIGE POLIE DANS UNE TETE DE Puits DE POMPAGE**
[72] KHAZANOVICH, IRINA, CA
[72] LAM, TONY M., CA
[72] KHAZANOVICH, ABRAM, CA
[73] STREAM-FLO INDUSTRIES LTD., CA
[22] 2002-01-17

[11] **2,369,065**
[13] C

[51] **Int.Cl. 7B32B 27/06 7B32B 3/00 7B29D 9/00 7B32B 5/18 7B32B 3/26 7B29C 44/34**
[25] EN
[54] **POLYMER FOAM PLANK WITH DENSIFIED SKIN, METHOD AND APPARATUS FOR PRODUCING THE SAME**
[54] **PLAQUE DE MOUSSE POLYMERE A PEAU DENSIFIEE, PROCEDE ET DISPOSITIF DE PRODUCTION CORRESPONDANTS**
[72] FARHA, SAID K., US
[72] STIMLER, JEFFERY J., US
[72] ZETTEL, DAVID P., US
[73] PACTIV CORPORATION, US
[85] 2001-10-02
[86] 2001-01-31 (PCT/US2001/003102)
[87] (WO2001/056773)
[30] US (09/497,348) 2000-02-03

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[13] C
[51] **Int.Cl. 7B21D 39/00**
[25] EN
[54] **CONVERTIBLE FLANGE
INSERTION MACHINE**
[54] **MACHINE A INSERER LES
BRIDES TRANSFORMABLE**
[72] KEESLER, GLENN R., US
[73] RIEKE CORPORATION, US
[22] 2002-01-23
[30] US (09/779,405 CIP) 2001-02-08

[11] **2,373,648**
[13] C
[51] **Int.Cl. 7G01J 3/50 7G06T 7/00 7G01N
21/27 7B41J 2/525**
[25] EN
[54] **ANGULAR, AZIMUTHAL AND
DISPLACEMENT INSENSITIVE
SPECTROPHOTOMETER FOR COLOR
PRINTER COLOR CONTROL
SYSTEMS**
[54] **SPECTROPHOTOMETRE
INSENSIBLE A L'ANGLE, A L'AZIMUT
ET AU DEPLACEMENT POUR
SYSTEMES DE COMMANDE DE LA
COULEUR D'IMPRIMANTES
COULEUR**
[72] HUBBLE, FRED F., III, US
[72] ROBBINS, DANIEL A., US
[72] LOVE, TONYA L., US
[73] XEROX CORPORATION, US
[22] 2002-02-27
[30] US (09/862,945) 2001-05-22

[11] **2,377,890**
[13] C
[51] **Int.Cl. 7E21B 34/06 7E21B 43/12**
[25] EN
[54] **VARIABLE DOWNHOLE CHOKE**
[54] **DUSE VARIABLE DE FOND**
[72] NORMAN, DALE, US
[72] O'BRIEN, ROBERT, US
[72] RUSSELL, RONNIE D., US
[73] BAKER HUGHES INCORPORATED,
US
[85] 2001-12-20
[86] 2000-06-23 (PCT/US2000/017433)
[87] (WO2000/079094)
[30] US (60/140,879) 1999-06-24

[11] **2,378,074**
[13] C
[51] **Int.Cl. 7A41D 13/00**
[25] EN
[54] **TIGHTS-TYPE LEG SUPPORT
GARMENT**
[54] **VETEMENT DE PROTECTION DE
PARTIES DE JAMBE PRESENTANT
DES PARTIES CUISSE**
[72] OYAMA, MAKOTO, JP
[72] FUJII, TAKAKO, JP
[73] WACOAL CORP., JP
[85] 2001-12-28
[86] 2001-04-18 (PCT/JP2001/003303)
[87] (WO2001/080675)
[30] JP (2000-120095) 2000-04-20

[11] **2,379,172**
[13] C
[51] **Int.Cl. 7A61M 1/10**
[25] EN
[54] **CONDUIT FOR A VENTRICULAR
ASSIST DEVICE**
[54] **CONDUITE POUR DISPOSITIF
D'ASSISTANCE VENTRICULAIRE**
[72] MUSSIVAND, TOFY, CA
[73] WORLD HEART CORPORATION, CA
[85] 2002-01-15
[86] 2000-07-14 (PCT/CA2000/000821)
[87] (WO2001/005447)
[30] US (09/354,801) 1999-07-16

[11] **2,379,672**
[13] C
[51] **Int.Cl. 7C08G 81/00 7C08G 65/00
7A61K 45/00 7A61K 47/30 7A61K 47/34
7A61K 9/50**
[25] EN
[54] **BIODEGRADABLE
POLY(ALKYLENE OXIDE)-POLY(P-
DIOXANONE) BLOCK COPOLYMER
SOLUBLE IN ORGANIC SOLVENTS,
AND DRUG DELIVERY COMPOSITION
COMPRISING SAME**
[54] **BLOC COPOLYMER D'OXYDE
DE POLYALKYLENE-POLY(P-
DIOXANONE) BIODEGRADABLE
SOLUBLE DANS DES SOLVANTS
ORGANIQUES ET COMPOSITION LE
CONTENANT PERMETTANT DE
DISTRIBUER UN MEDICAMENT**
[72] SEO, MIN-HYO, KR
[72] CHOI, IN-JA, KR
[73] SAMYANG CORPORATION, KR
[85] 2002-01-17
[86] 2000-07-18 (PCT/KR2000/000779)
[87] (WO2001/005379)
[30] KR (1999/29269) 1999-07-20

[11] **2,379,799**
[13] C
[51] **Int.Cl. 7B60C 9/18**
[25] EN
[54] **RADIAL TIRE FOR AUTOMOBILE**
[54] **PNEU RADIAL POUR
AUTOMOBILE**
[72] KIM, CHEOL, KR
[72] CHOI, SOO-MYUNG, KR
[73] HYOSUNG CORPORATION, KR
[22] 2002-03-28
[30] KR (2001-19292) 2001-04-11

[11] **2,383,787**
[13] C
[51] **Int.Cl. 7H04Q 7/38 7H04L 12/56**
[25] EN
[54] **QUALITY MEASUREMENT OF
CIRCUIT-SWITCHED SERVICE IN
CELLULAR RADIO NETWORK**
[54] **MESURE DE LA QUALITE D'UN
SERVICE A COMMUTATION DE
CIRCUIT DANS UN RESEAU RADIO
CELLULAIRE**
[72] NIEMELA, KARI, FI
[73] NOKIA CORPORATION, FI
[85] 2002-03-01
[86] 2000-09-19 (PCT/FI2000/000792)
[87] (WO2001/022762)
[30] FI (19992002) 1999-09-20

[11] **2,384,478**
[13] C
[51] **Int.Cl. 7E21B 34/06**
[25] EN
[54] **DELAYED OPENING BALL SEAT**
[54] **SIEGE DE ROTULE A
OUVERTURE RETARDEE**
[72] KRAUSS, CHRISTIAAN D., US
[72] GIVENS, GEORGE E., US
[73] BAKER HUGHES INCORPORATED,
US
[22] 2002-05-02
[30] US (09/848,532) 2001-05-03

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[13] C

[51] **Int.Cl. 7H01J 25/00 7H01J 23/027**
[25] EN
[54] **DUAL-BAND RF POWER TUBE WITH SHARED COLLECTOR AND ASSOCIATED METHOD**
[54] **TUBE DE PUISSANCE RF A DOUBLE BANDE POSSEDANT UN COLLECTEUR PARTAGE ET PROCEDE ASSOCIE**
[72] LAQUER, ANDREW G., US
[73] THE BOEING COMPANY, US
[85] 2002-03-26
[86] 2000-09-29 (PCT/US2000/026859)
[87] (WO2001/033599)
[30] US (09/433,511) 1999-11-03

[11] **2,388,403**
[13] C

[51] **Int.Cl. 7F01N 7/18**
[25] EN
[54] **EXHAUST PASSAGE STRUCTURE IN OUTBOARD ENGINE SYSTEM**
[54] **STRUCTURE DE PASSAGE POUR LES GAZ D'ECHAPPEMENT D'UN MOTEUR HORS-BORD**
[72] IKUMA, TOMONORI, JP
[72] TAKADA, HIDEAKI, JP
[72] YOSHIDA, HIROYUKI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 2002-03-20
[86] 2000-09-22 (PCT/JP2000/006533)
[87] (WO2001/021943)
[30] JP (11/270881) 1999-09-24
[30] JP (11/270882) 1999-09-24

[11] **2,388,423**
[13] C

[51] **Int.Cl. 7F24F 13/02 7B01D 53/62 7B01D 53/86**
[25] EN
[54] **A VENTILATION SYSTEM FOR AN ENCLOSURE IN WHICH PEOPLE LIVE AND A METHOD THEREOF**
[54] **SYSTEME ET METHODE DE VENTILATION POUR ESPACE HABITE**
[72] BLAIS, JEAN-SEBASTIEN, CA
[72] RUEL, JEAN, CA
[72] DUTIL, FREDERIC, CA
[73] CO2 SOLUTION INC., CA
[22] 2002-05-31

[11] **2,389,189**
[13] C

[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **DETECTING A FRAUDULENT MOBILE STATION IN A MOBILE COMMUNICATION SYSTEM USING LOCATION INFORMATION OF MOBILE STATION**
[54] **DETECTION D'UNE STATION MOBILE FRAUDULEUSE DANS UN SYSTEME DE COMMUNICATION MOBILE A PARTIR DES DONNEES DE POSITION DE LA STATION MOBILE**
[72] PALDAN, ESKO, FI
[72] LOHTAJA, JARKKO, SG
[73] NOKIA CORPORATION, FI
[85] 2002-04-25
[86] 2000-12-12 (PCT/FI2000/001084)
[87] (WO2001/045444)
[30] FI (19992671) 1999-12-13

[11] **2,394,272**
[13] C

[51] **Int.Cl. 7G01V 8/00**
[25] EN
[54] **PROCESS FOR ON-LINE MONITORING OF OXIDATION OR DEGRADATION AND PROCESSABILITY OF OIL SAND ORE**
[54] **PROCEDE DE SURVEILLANCE EN LIGNE DE L'OXYDATION OU DE LA DEGRADATION ET DE L'APTITUDE AU TRAITEMENT DE SABLES BITUMINEUX**
[72] BJORNSON, BRAD, CA
[72] MIKULA, RANDY, CA
[73] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[22] 2002-07-18
[30] US (60/306,467) 2001-07-20

[11] **2,395,017**
[13] C

[51] **Int.Cl. 7G01N 21/64 7G01N 33/34**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING STONE CELLS IN PAPER OR PULP**
[54] **METHODE ET APPAREIL POUR DETECTER DES CELLULES PIERREUSES DANS DU PAPIER OU DE LA PATE**
[72] HENRY, DEBORAH JEAN, CA
[72] YUAN, HONGQI, CA
[72] CHOW, ROSS S., CA
[73] ALBERTA RESEARCH COUNCIL INC., CA
[22] 2002-07-25
[30] CA (2,354,202) 2001-07-26

[11] **2,397,411**
[13] C

[51] **Int.Cl. 7G06F 11/30 7G06F 12/14**
[25] EN
[54] **THWARTING MAP-LOADED MODULE MASQUERADE ATTACKS**
[54] **PROCEDE POUR DEJOUER DES ATTAQUES DEGUISEES CONTRE UN MODULE CHARGE D'APPLICATIONS**
[72] GRAWROCK, DAVID, US
[72] SOBEL, WILLIAM E., US
[73] SYMANTEC CORPORATION, US
[85] 2002-07-12
[86] 2001-01-11 (PCT/US2001/001203)
[87] (WO2001/052022)
[30] US (09/483,536) 2000-01-14

[11] **2,400,245**
[13] C

[51] **Int.Cl. 7H04M 3/42 7H04M 15/00 7H04L 12/16 7H04M 3/493**
[25] EN
[54] **SCHEDULING SYSTEM**
[54] **SYSTEME D'ORDONNANCEMENT**
[72] ABDOH, AHMED, CA
[73] ABDOH, AHMED, CA
[22] 2002-09-19
[30] US (60/323,370) 2001-09-20

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[11] **2,420,444**
[13] C

[51] **Int.Cl. 7E03F 5/02 7E03F 7/00 7E02D 29/14**
[25] EN
[54] **SEWER INSPECTION CHAMBER WITH BACKFLOW PREVENTION VALVE AND METHOD AND APPARATUS FOR INSTALLING VALVE IN SEWER INSPECTION CHAMBER**
[54] **CHAMBRE POUR L'INSPECTION DES EGOUTS AVEC VALVE ANTI-RETOUR AINSI QUE LA METHODE ET L'APPAREIL POUR INSTALLER LA VALVE DANS LA CHAMBRE POUR L'INSPECTION DES EGOUTS**
[72] WATTS, LEON B. (DECEASED), CA
[73] LE-RON PLASTICS INC., CA
[22] 1997-04-09
[62] 2,202,214

[11] **2,434,499**
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[25] EN
[54] **IMPROVED METHOD FOR REFINING VEGETABLE OIL**
[54] **PROCEDE AMELIORE DE RAFFINAGE D'HUILE VEGETALE**
[72] COPELAND, DICK, US
[72] BELCHER, MAURICE W., US
[73] IP HOLDINGS, L.L.C., US
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[30] US (09/197,953) 1998-11-20

[11] **2,442,494**
[13] C

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[25] EN
[54] **MODULAR DRIVE WHEEL FOR LOG PROCESSORS, DELIMBERS AND SINGLE GRIP HARVESTERS**
[54] **ROUE MOTRICE MODULAIRE POUR PROCESEURS DE GRUMES, EBRANCHEUSES ET ABATTEUSES-FACONNEUSES A TETE MULTIFONCTIONNELLE**
[72] DUVAL, ALAIN, CA
[73] DUVAL, ALAIN, CA
[22] 2003-10-03
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[30] CA (2,427,253) 2003-04-30

[11] **2,450,827**
[13] C

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[25] EN
[54] **MACHINE FOR CLEARING GROOVES INCLUDING RAILROAD FLANGEWAYS**
[54] **MACHINE DE DESOBSTRUCTION DES SILLONS, Y COMPRIS DES ORNIERES DE VOIE FERREE**
[72] ST. GODARD, DONALD JOSEPH MARIO, CA
[73] TRAK TEK CANADA INC., CA
[22] 2003-12-23

[11] **2,460,078**
[13] C

[51] **Int.Cl. 7D04H 5/06 7B32B 5/02 7B32B 27/02**
[25] EN
[54] **POST-TREATMENT OF LAMINATED NONWOVEN CELLULOSIC FIBER WEBS**
[54] **POST-TRAITEMENT DE NAPPE DE FIBRES CELLULOSIQUES, LAMINEES ET NON TISSEES**
[72] WADSWORTH, LARRY C., US
[72] HASSENBOEHLER, CHARLES B., JR., US
[73] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US
[22] 1994-07-22
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[25] EN
[54] **POLYENE POLYKETIDES, PROCESSES FOR THEIR PRODUCTION AND THEIR USE AS PHARMACEUTICALS**
[54] **POLYCETIDES POLYENIQUES, METHODES DE PRODUCTION CONNEXES ET UTILISATION DESDITS PRODUITS COMME AGENTS PHARMACEUTIQUES**
[72] FARNET, CHRIS M., CA
[72] MCALPINE, JAMES B., CA
[72] BACHMANN, BRIAN O., US
[72] ZAZOPOULOS, EMMANUEL, CA
[73] ECOPIA BIOSCIENCES INC., CA
[22] 2004-05-13
[30] US (USSN 60/469,810) 2003-05-13
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<p>[21] 2,438,363 [13] A1</p> <p>[51] Int.Cl. 7G09G 3/32 7H01L 51/00 7G09F 9/33 [25] EN [54] A PIXEL CIRCUIT FOR AMOLED DISPLAYS [54] CIRCUIT DE PIXELS POUR AFFICHAGES AMOLED [72] SERVATI, PEYMAN, CA [72] NATHAN, AROKIA, CA [72] SAMBANDAN, SANJIV, CA [72] SAKARIYA, KAPIL, CA [71] IGNIS INNOVATION INC., CA [22] 2003-08-28 [41] 2005-02-28</p>	<p>[21] 2,438,563 [13] A1</p> <p>[51] Int.Cl. 7B29C 47/12 7B29C 47/20 [25] EN [54] MELT DISTRIBUTION BLOCK AND EXTRUSION DIE [54] BLOC DE DISTRIBUTION DE FONTE ET FILIERE D'EXTRUSION [72] BENTIVOGLIO, ALFREDO, CA [71] ALPHA MARATHON TECHNOLOGIES INC., CA [22] 2003-08-28 [41] 2005-02-28</p>	<p>[21] 2,438,629 [13] A1</p> <p>[51] Int.Cl. 7A47C 1/124 7E04H 3/30 [25] EN [54] AUDITORIUM SEATING [54] SIEGE D'AUDITORIUM [72] PERNICKA, VACLAV, CA [72] SHATS, MICHAEL, CA [71] PERNICKA, VACLAV, CA [71] SHATS, MICHAEL, CA [22] 2003-08-29 [41] 2005-02-28</p>
<p>[21] 2,438,430 [13] A1</p> <p>[51] Int.Cl. 7E04B 2/74 [25] EN [54] ORGANIZER WALL [54] PANNEAU POUR SYSTEME DE RANGEMENT [72] SECONDINO, JAMES, CA [71] ACCLAIM DESIGN & PROFILES INCORPORATED, CA [22] 2003-08-28 [41] 2005-02-28</p>	<p>[21] 2,438,565 [13] A1</p> <p>[51] Int.Cl. 7E04C 1/00 7E02D 29/02 7E04H 17/14 [25] EN [54] RETAINING WALL BLOCK WITH CLIPPABLE WINGS [54] BLOC DE MUR DE SOUTÈNEMENT A AILES DETACHABLES [72] RISI, ANGELO, CA [71] RISI, ANGELO, CA [22] 2003-08-27 [41] 2005-02-27</p>	<p>[21] 2,438,631 [13] A1</p> <p>[51] Int.Cl. 7B60D 1/00 [25] EN [54] HITCH ASSEMBLY [54] ATTELAGE [72] JENNINGS, BRYAN, CA [72] VAN DEN BOSCH, BRYAN, CA [71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP [22] 2003-08-29 [41] 2005-02-28</p>

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[25] EN
[54] **LAMINATED CROSS LUMBER AND METHOD OF MAKING SAME**
[54] **ELEMENT EN BOIS LAMELLE A PLI TRANSVERSAL ET METHODE DE REPRODUCTION**
[72] BRUNET, ALAIN, CA
[71] PINEXEL INC., CA
[22] 2003-08-29
[41] 2005-02-28

[21] **2,438,640**
[13] A1

[51] **Int.Cl. 7E21B 43/263 7E21B 43/25**
[25] EN
[54] **PROPELLANT TREATMENT AND CONTINUOUS FOAM REMOVAL OF WELL DEBRIS**
[54] **UTILISATION D'UN PROPULSIF COMBINEE A UNE ELIMINATION CONTINUE DES DEBRIS DE PUIT A L'AIDE DE MOUSSE**
[72] HAYES, KIRBY, CA
[71] HAYES, KIRBY, CA
[71] HURRICANE INDUSTRIES LTD., CA
[22] 2003-08-29
[41] 2005-02-28

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[13] A1

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[25] EN
[54] **METHOD TO DIAGNOSE AND TREAT DEGENERATIVE JOINT DISEASE**
[54] **METHODE DE DIAGNOSTIC ET DE TRAITEMENT D'UNE MALADIE ARTICULAIRE DEGENERATIVE**
[72] MUIR, PETER, US
[72] PROVENZANO, PAOLO PEPE, US
[72] VANDERBY, RAY, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[22] 2003-08-29
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[21] **2,438,753**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C12N 1/16 7C07K 14/40 7C12Q 1/68**
[25] EN
[54] **GENES INVOLVED IN BIOFILM FORMATION BY THE PATHOGENIC YEAST CANDIDA ALBICANS**
[54] **GENES IMPLIQUES DANS LA FORMATION DE FILMS BIOLOGIQUES PAR LA LEVURE PATHOGENE CANDIDA ALBICANS**
[72] COTTIER, FABIEN, FR
[72] GARCIA-SANCHEZ, SUSANA, FR
[72] IRAQUI, ISMAIEL, FR
[72] GHIGO, JEAN-MARC, FR
[72] JANBON, GUILHEM, FR
[72] D'ENFERT, CHRISTOPHE DIDIER, FR
[71] INSTITUT PASTEUR, FR
[22] 2003-08-28
[41] 2005-02-28

[21] **2,438,766**
[13] A1

[51] **Int.Cl. 7F25D 23/00**
[25] EN
[54] **REFRIGERATOR INCORPORATING FRENCH DOORS WITH ROTATING MULLION BAR**
[54] **REFRIGERATEUR A DEUX PORTES A CLOISON PIVOTANTE**
[72] O'HALLORAN, JEFFREY MICHAEL, US
[72] ROTTER, CHAD JONATHAN, US
[72] STAUFFER, DAVID ALLEN, US
[72] CHEKAL, RAYMOND J., US
[72] KIRCHNER, RICHARD ALLAN, US
[72] STANDEFER, JACK J., US
[72] SCORPIL, GREG A., US
[71] MAYTAG CORPORATION, US
[22] 2003-08-29
[41] 2005-02-28
[30] US (10/650,723) 2003-08-29

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[13] A1

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[25] EN
[54] **A STRUCTURAL SYSTEM WITH HIGH ABSORPTION CAPACITY TO IMPACTIVE AND IMPULSIVE LOADS**
[54] **STRUCTURE A GRANDE CAPACITE D'ABSORPTION DES IMPACTS ET DES IMPULSIONS**
[72] GUIRGIS, SAMEH, CA
[72] GUIRGUIS, EHAB, CA
[71] GUIRGIS, SAMEH, CA
[71] GUIRGUIS, EHAB, CA
[22] 2003-08-27
[41] 2005-02-27

[21] **2,438,812**
[13] A1

[51] **Int.Cl. 7A47K 11/02**
[25] EN
[54] **INFLATABLE AND DISPOSABLE PORTABLE TOILET ASSEMBLY**
[54] **TOILETTE PORTATIVE GONFLABLE ET JETABLE**
[72] JONES, HAZEL L., US
[71] JONES, HAZEL L., US
[22] 2003-08-27
[41] 2005-02-27

[21] **2,438,817**
[13] A1

[51] **Int.Cl. 7F16B 41/00**
[25] EN
[54] **STRUCTURE OF AN ANTI-BURGLAR SCREW BOLT**
[54] **STRUCTURE D'UN BOULON A FILETAGE DE VIS ANTI-CAMBRIOLEUR**
[72] CHANG, SHIH-I, XX
[71] TECH STELL CO. LTD., XX
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[13] A1

[51] **Int.Cl. 7G08C 17/02**
[25] EN
[54] **MULTI-FUNCTIONAL REMOTE CONTROL SYSTEM**
[54] **SYSTEME MULTIFONCTIONNEL DE TELECOMMANDE**
[72] BARASSI, FRANK, CA
[72] FORTIN, JACQUES, CA
[71] FORTIN AUTO RADIO INC., CA
[22] 2003-08-28
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[13] A1

[51] **Int.Cl. 7B65B 43/26 7B65B 7/00 7B65B 51/06**
[25] EN
[54] **IMPROVEMENTS IN FILLING CARTONS**
[54] **AMELIORATIONS APORTEES A LA TECHNIQUE DE REMPLISSAGE DE BOITES**
[72] MCKAY, JOHN ALLEN, CA
[71] LABATT BREWING COMPANY LIMITED, CA
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[13] A1

[51] **Int.Cl. 7C07C 51/41 7C01F 11/00 7C07C 51/08**
[25] EN
[54] **PROCESS FOR PRODUCING A CALCIUM CARBOXYLATE**
[54] **METHODE DE PRODUCTION DE CARBOXYLATE DE CALCIUM**
[72] PETERS, NORMAN J., US
[72] CROWE, PATRICK N., US
[72] KHRAMOV, MIKHAIL I., US
[72] URIARTE, ANTHONY K., US
[72] BACKES, THOMAS W., US
[72] HAMILTON, DEANNA W., US
[71] SOLUTIA INC., US
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[13] A1

[51] **Int.Cl. 7H04N 7/18 7G03B 15/03**
[25] EN
[54] **DUAL SURVEILLANCE CAMERA SYSTEM**
[54] **SYSTEME A DEUX CAMERAS DE SURVEILLANCE**
[72] HSU, DAN, CA
[72] GIN, JACK, CA
[71] HSU, DAN, CA
[71] GIN, JACK, CA
[22] 2003-08-28
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[21] **2,438,951**
[13] A1

[51] **Int.Cl. 7G06K 9/20 7B07C 3/10 7G06K 9/60**
[25] EN
[54] **FEEDER SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE POUR DISPOSITIF D'ALIMENTATION**
[72] SPITZIG, ROGER, CA
[72] BOSTON, MICHAEL, CA
[72] RAWLINGS, DAVID, CA
[72] RICHARDS, BOB, CA
[71] INTELLITECH INNOVATIONS INC., CA
[22] 2003-08-29
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[21] **2,438,959**
[13] A1

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[25] EN
[54] **COMPUTER MOUSE HAVING A WINDABLE OUTPUT WIRE**
[54] **SOURIS D'ORDINATEUR A FIL DE SORTIE ENROULABLE**
[72] CHUNG, YU-LIN, XX
[71] CHUNG, YU-LIN, XX
[22] 2003-08-29
[41] 2005-02-28

[21] **2,438,963**
[13] A1

[51] **Int.Cl. 7G02C 9/04**
[25] EN
[54] **COMBINATION DEVICE FOR ATTACHING AUXILIARY SPECTACLES TO MAIN SPECTACLES**
[54] **SYSTEME PERMETTANT DE FIXER DES LUNETTES SANS BRANCHE SUR DES LUNETTES AVEC BRANCHES**
[72] WANG, YUN-CHENG, XX
[71] WANG, YUN-CHENG, XX
[22] 2003-08-29
[41] 2005-02-28

[21] **2,438,971**
[13] A1

[51] **Int.Cl. 7B29C 33/02**
[25] EN
[54] **MOLD BASE ASSEMBLY**
[54] **CARCASSE DE MOULE**
[72] TSAU, TAR, CA
[71] WENTWORTH MOLD INC., CA
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[41] 2005-02-28

[21] **2,438,976**
[13] A1

[51] **Int.Cl. 7H04M 1/68 7H04M 11/00 7H04L 12/22**
[25] EN
[54] **AN IMPROVED VIRTUAL PRIVATE SWITCHED TELECOMMUNICATIONS NETWORK**
[54] **RESEAU DE TELECOMMUNICATION COMMUTE PRIVE VIRTUEL AMELIORE**
[72] HEILMANN, CRAIG, US
[72] PICKENS, KEITH S., US
[72] SCHMID, GREG, US
[72] SMITH, KIRK E., US
[71] SECURELOGIX CORPORATION, US
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[25] EN
[54] **STEER BY WIRE HELM**
[54] **BARRE RELIEE A UN**
MECANISME DE DIRECTION PAR DES
FILS ELECTRIQUES
[72] VAN LEEUWEN, COLIN, CA
[72] SCOTT, JON, CA
[72] FERGUSON, ART, US
[72] WONG, RAY TAT-LUNG, CA
[71] TELEFLEX CANADA
INCORPORATED, CA
[22] 2003-08-29
[41] 2005-02-28

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[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/20**
[25] EN
[54] **SYSTEM AND METHOD FOR**
CARRYING OUT LEGACY
APPLICATION TRANSITIONS
[54] **SYSTEME ET METHODE**
D'EXECUTION DE TRANSITIONS A
PARTIR D'APPLICATIONS
TRADITIONNELLES
[72] TONG, TACK, CA
[72] KIM, JOSEPH, CA
[71] IBM CANADA LIMITED - IBM
CANADA LIMITEE, CA
[22] 2003-08-28
[41] 2005-02-28

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[13] A1

[51] **Int.Cl. 7A01K 1/00 7E04H 14/00**
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[25] EN
[54] **RESIDENTIAL HOMES**
INCORPORATING HORSE STABLES
[54] **RESIDENCES AVEC ECURIES DE**
CHEVAUX
[72] MAKL, KIRK, CA
[71] MAKL, KIRK, CA
[22] 2003-08-29
[41] 2005-02-28

[21] **2,439,023**
[13] A1

[51] **Int.Cl. 7F28D 7/10**
[25] EN
[54] **CONCENTRIC TUBE HEAT**
EXCHANGER AND END SEAL
THEREFOR
[54] **ECHANGEUR DE CHALEUR A**
TUBES CONCENTRIQUES ET
EMBOUT D'ETANCHEITE CONNEXE
[72] SEAGER, JAMES R., CA
[72] SO, ALLAN K., CA
[72] WATSON, DARRYL S., CA
[72] BROWN, ALAN S., CA
[71] DANA CANADA CORPORATION,
CA
[22] 2003-08-29
[41] 2005-02-28

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[13] A1

[51] **Int.Cl. 7A01G 9/02 7B60R 7/00**
[25] EN
[54] **AUTOMOBILE PLANT HOLDER**
[54] **SUPPORT DE PLANTE POUR**
AUTOMOBILES
[72] GORY, BRIAN, CA
[71] MR. TOMATO LTD., CA
[22] 2003-09-03
[41] 2005-03-03

[21] **2,439,242**
[13] A1

[51] **Int.Cl. 7G01P 5/26 7G01P 5/20**
[25] EN
[54] **OPTICAL FLOW METER FOR**
MEASURING GASES AND LIQUIDS IN
PIPELINES
[54] **DEBITMETRE OPTIQUE POUR**
MESURER LA VITESSE DES GAZ ET
DES LIQUIDES DANS LES PIPELINES
[72] JAMES, DARYL, CA
[72] YAN, DAVID YUE, CA
[72] MONTGOMERY, DEREK G., CA
[71] PHOTON CONTROL INC., CA
[22] 2003-09-03
[41] 2005-03-03

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[13] A1

[51] **Int.Cl. 7A01C 5/08 7A01C 23/00**
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[25] EN
[54] **DUAL MATERIAL**
AGRICULTURAL DELIVERY SYSTEM
FOR SEEDER
[54] **SYSTEME DE DISTRIBUTION DE**
SEMENCES ET DE FERTILISANT
POUR SEMOIR
[72] OPSETH, DEREK CHRISTOPHER,
CA
[72] HALFORD, JAMES WILLIAM, CA
[72] BUTUK, FREDERICK NICHOLAS,
CA
[71] OPSETH, DEREK CHRISTOPHER,
CA
[71] HALFORD, JAMES WILLIAM, CA
[71] BUTUK, FREDERICK NICHOLAS,
CA
[22] 2003-09-03
[41] 2005-03-03

[21] **2,439,323**
[13] A1

[51] **Int.Cl. 7F16L 23/024**
[25] EN
[54] **APPARATUS FOR CONNECTING**
FLUID CONDUITS
[54] **DISPOSITIF DE RACCORDEMENT**
DE CANALISATIONS DE FLUIDE
[72] STRONSKI, DALE, CA
[71] STRONSKI, DALE, CA
[22] 2003-09-03
[41] 2005-03-03

[21] **2,439,331**
[13] A1

[51] **Int.Cl. 7E21B 17/10 7E21B 4/00**
[25] EN
[54] **METHOD OF STABILIZING A**
DOWNHOLE DRILLING MOTOR AND
A DOWNHOLE DRILLING MOTOR
[54] **METHODE DE STABILISATION**
DE MOTEUR DE FORAGE DE FOND ET
MOTEUR DE FORAGE DE FOND
[72] WENZEL, WILLIAM RAY, CA
[71] WENZEL, WILLIAM RAY, CA
[22] 2003-09-02
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[13] A1

[51] **Int.Cl. 7F03D 3/00 7F03D 11/04 7H02K 7/18**
[25] EN
[54] **VERTICAL ENCLOSED ALL-DIRECTIONAL WIND TURBINE MACHINE**
[54] **EOLIENNE FERMEE A AXE VERTICAL TOUTES DIRECTIONS**
[72] STRAND, CARL OLAF, CA
[71] STRAND, CARL OLAF, CA
[22] 2003-09-02
[41] 2005-03-02

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[13] A1

[51] **Int.Cl. 7C08L 23/04 7C08L 33/02 7C08J 3/03 7C08J 3/07 7C08J 3/14 7C08F 6/24 7C02F 1/26 7C02F 1/52 7C02F 1/56**
[25] EN
[54] **TREATMENT OF AQUEOUS COMPOSITIONS CONTAINING CONTAMINANTS**
[54] **TRAITEMENT DE COMPOSITIONS AQUEUSES CONTENANT DES CONTAMINANTS**
[72] SUTHERLAND, GEORGE, CA
[71] SUTHERLAND, GEORGE, CA
[22] 2003-09-03
[41] 2005-03-03

[21] **2,439,447**
[13] A1

[51] **Int.Cl. 7A61G 5/04 7B60B 33/00**
[25] EN
[54] **WHEELCHAIR WITH CASTORS**
[54] **FAUTEUIL ROULANT AVEC ROUES PIVOTANTES**
[72] BRENDDEL, THOMAS, DE
[71] OTTO BOCK HEALTHCARE GMBH, DE
[22] 2003-09-04
[41] 2005-03-04

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[13] A1

[51] **Int.Cl. 7F26B 17/10**
[25] EN
[54] **APPARATUS FOR PRODUCING POWDER FROM BIOMATERIALS**
[54] **APPAREIL POUR LA PRODUCTION DE POUDRE A PARTIR DE BIOMATERIAUX**
[72] KUDRA, TADEUSZ, CA
[72] BENALI, MARZOUK, CA
[72] AMAZOUZ, MOULOU, CA
[71] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[22] 2003-09-04
[41] 2005-03-04

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[13] A1

[51] **Int.Cl. 7B03B 9/06 7B07B 4/00 7B29B 17/00 7B03C 1/02 7B02C 23/18**
[25] EN
[54] **SHINGLE PROCESSING**
[54] **TRANSFORMATION DES BARDEAUX D'ASPHALTE**
[72] GRANT, GARY, CA
[71] CWR INC., CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,439,514**
[13] A1

[51] **Int.Cl. 7A01D 34/84 7A01G 3/00**
[25] EN
[54] **TRACTOR MOUNTABLE BRUSH CUTTING DEVICE**
[54] **DEBROUSSAILLEUSE A MONTER SUR UN TRACTEUR**
[72] ROOKES, ALLAN D., CA
[71] ROOKES, ALLAN D., CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,439,515**
[13] A1

[51] **Int.Cl. 7H02K 53/00 7H02P 9/00 7H02K 7/14 7H02K 7/18**
[25] FR
[54] **AUTO-GENERATRICE**
[54] **SELF-GENERATOR**
[72] GUERIN, ANDRE, CA
[71] GUERIN, ANDRE, CA
[22] 2003-08-28
[41] 2005-02-28

[21] **2,439,536**
[13] A1

[51] **Int.Cl. 7A61B 10/00**
[25] EN
[54] **VARIATIONS OF BIOPSY JAW AND CLEVIS AND METHOD OF MANUFACTURE**
[54] **VARIANTES DE MORS ET DE CHAPE POUR DISPOSITIFS DE BIOPSIE ET METHODE DE FABRICATION**
[72] KRZYZANOWSKI, JACEK, CA
[71] KRZYZANOWSKI, JACEK, CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,439,545**
[13] A1

[51] **Int.Cl. 7A01G 31/06**
[25] FR
[54] **BAC DE CULTURE HYDROPONIQUE AMOVIBLE**
[54] **REMOVABLE HYDROPONICS TANK**
[72] EMOND, NICOLAS, CA
[71] EMOND, NICOLAS, CA
[22] 2003-08-28
[41] 2005-02-28

[21] **2,439,548**
[13] A1

[51] **Int.Cl. 7B60P 1/64**
[25] FR
[54] **SYSTEME ET METHODE DE CHARGEMENT ET DECHARGEMENT D'UNE PLATE FORME POUR VEHICULE ROUTIER**
[54] **SYSTEM AND METHOD FOR LOADING AND UNLOADING A PLATFORM FOR A MOTOR VEHICLE**
[72] SAVARD, ALAIN, CA
[71] VILLE DE MONTREAL, CA
[22] 2003-08-28
[41] 2005-02-28

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[13] A1

[51] **Int.Cl. 7G02C 5/16 7G02C 5/14**
[25] FR
[54] **ELEMENT DE RAPPEL ELASTIQUE POUR RELIER UNE BRANCHE DE LUNETTES A UNE MONTURE**
[54] **ELASTIC SPRING ELEMENT FOR ATTACHING THE EYEGLASS TEMPLE TO THE FRAME**
[72] RICHARD, LOUIS, CA
[72] CHAGNY, YVES, FR
[71] OPTIQUE LECAVALIER INC., CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,439,582**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR INTERNET-BASED SALES GENERATION**
[54] **METHODE, SYSTEME ET APPAREIL PERMETTANT D'EFFECTUER DES VENTES PAR INTERNET**
[72] JEANS, GABRIELLE, CA
[71] WEBTECH DEZINE INC., CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,439,645**
[13] A1

[51] **Int.Cl. 7C12N 1/20 7C12M 1/02 7C12N 1/04**
[25] EN
[54] **AUTOMATED BIOLOGICAL GROWTH AND DISPENSING SYSTEM**
[54] **SYSTEME AUTOMATISE DE CROISSANCE ET DE DISTRIBUTION BIOLOGIQUES**
[72] OPHARDT, HEINER, CA
[71] HYGIENE-TECHNIK INC., CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,439,656**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G09F 19/00 7G06F 17/40**
[25] EN
[54] **SUPERVISORY CONTROL AND ACQUISITION SYSTEM FOR RETAIL ADVERTISING AND REWARD PROGRAM**
[54] **SYSTEME DE SURVEILLANCE ET D'ACQUISITION POUR PROGRAMME DE PUBLICITE ET DE RECOMPENSE EN MATIERE DE VENTE AU DETAIL**
[72] BROE, THOMAS KENNETH, CA
[71] BROE, THOMAS KENNETH, CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,439,658**
[13] A1

[51] **Int.Cl. 7E04C 2/30 7E04B 2/00**
[25] EN
[54] **GRID-LIKE BUILDING PANEL FRAMEWORK**
[54] **CHARPENTE EN PANNEAUX SOUS FORME DE TREILLIS**
[72] WRIGHT, JERAULD GEORGE, CA
[71] WRIGHT, JERAULD GEORGE, CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,439,667**
[13] A1

[51] **Int.Cl. 7A61B 17/22 7A61H 23/00 7A61M 5/00**
[25] EN
[54] **LOW FREQUENCY VIBRATION ASSISTED BLOOD PERFUSION SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL DE PERFUSION SANGUINE ASSISTES D'UN DISPOSITIF PRODUISANT DES VIBRATIONS A BASSE FREQUENCE**
[72] HOFFMANN, ANDREW KENNETH, CA
[71] HOFFMANN, ANDREW KENNETH, CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,439,675**
[13] A1

[51] **Int.Cl. 7A47J 37/07**
[25] EN
[54] **COOKING GRILL DEVICE**
[54] **DISPOSITIF DE GRIL DE CUISSON**
[72] GARDNER, BRAD, CA
[71] GARDNER, BRAD, CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,439,722**
[13] A1

[51] **Int.Cl. 7H05C 3/00 7E05B 47/00 7G01V 15/00 7G08C 17/02 7G08B 21/18 7G08B 13/22 7G01S 13/78**
[25] EN
[54] **A METHOD OF CONTROLLING MOVEMENT ON THE INSIDE AND AROUND THE OUTSIDE OF A FACILITY**
[54] **METHODE DE CONTROLE DES DEPLACEMENTS A L'INTERIEUR ET A L'EXTERIEUR D'UNE INSTALLATION**
[72] HOULE, VERNON GEORGE, CA
[71] HOULE, VERNON GEORGE, CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,439,749**
[13] A1

[51] **Int.Cl. 7A63H 33/04 7A63H 33/00 7A63H 33/08**
[25] EN
[54] **TOY CONSTRUCTION ELEMENT**
[54] **ELEMENT DE CONSTRUCTION DE JOUET**
[72] AXELRAD, BOAZ, CA
[71] AXELRAD, BOAZ, CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,439,754**
[13] A1

[51] **Int.Cl. 7E02D 29/12**
[25] FR
[54] **SYSTEME AUTO-NIVELANT (PAROI VERTICALE)**
[54] **SELF-LEVELING SYSTEM (VERTICAL WALL)**
[72] BOUDREAU, GUY, CA
[71] BOUDREAU, GUY, CA
[22] 2003-09-03
[41] 2005-03-03

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[21] **2,439,837**
[13] A1

[51] **Int.Cl. 7A45D 29/17 7A45D 29/00**
[25] EN
[54] **NAIL POLISH REMOVER, ESPECIALLY FOR TOES**
[54] **DISPOSITIF POUR DISSOUDRE LE VERNIS A ONGLES, PARTICULIEREMENT CELUI DES ORTEILS**
[72] KEOGH, ELEANOR, CA
[71] KEOGH, ELEANOR, CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,439,840**
[13] A1

[51] **Int.Cl. 7E21B 17/10**
[25] EN
[54] **A ROLLER DRILL PIPE PROTECTOR**
[54] **PROTECTEUR DE TIGES A BOULES ROULANTES**
[72] HUSSEIN, HAMDY HASSAN MOHAMED, CA
[71] HUSSEIN, HAMDY HASSAN MOHAMED, CA
[22] 2003-09-03
[41] 2005-03-03

[21] **2,439,844**
[13] A1

[51] **Int.Cl. 7B63B 35/44 7B63G 8/00**
[25] EN
[54] **SUBMARINE EMERGENCY EVACUATION SYSTEM**
[54] **SYSTEME D'EVACUATION D'URGENCE PAR SOUS-MARIN**
[72] PIKE, GORDON J., CA
[71] PIKE, GORDON J., CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,439,847**
[13] A1

[51] **Int.Cl. 7C05F 17/02**
[25] EN
[54] **CONTINUOUS/NON CONTINUOUS COMPOSTERS**
[54] **COMPOSTEURS POUR COMPOSTAGE CONTINU/NON CONTINU**
[72] MORROS, JOSE RAMON, CA
[71] MORROS, JOSE RAMON, CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,439,850**
[13] A1

[51] **Int.Cl. 7A61B 5/103 7A61F 2/30**
[25] EN
[54] **UNIVERSAL METHOD FOR DETERMINING ACETABULAR AND FEMORAL IMPLANT POSITIONS DURING NAVIGATION**
[54] **METHODE UNIVERSELLE DE DETERMINATION DE LA POSITION DE PROTHESES ACETABULAIRES ET FEMORALES LORS DE LA NAVIGATION CHIRURGICALE**
[72] AMIOT, LOUIS-PHILIPPE, CA
[72] FONTAINE, ISABELLE, CA
[72] JANSEN, HERBERT ANDRE, CA
[72] ODERMATT, DANIEL, CA
[71] ORTHOSOFT INC., CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,439,861**
[13] A1

[51] **Int.Cl. 7B65F 3/20**
[25] EN
[54] **NON-LINEAR RECIPROCATING PACKING MECHANISM FOR REFUSE COLLECTION VEHICLE**
[54] **MECANISME DE TASSEMENT ALTERNATIF NON LINEAIRE POUR CAMION A ORDURES**
[72] TOMASSONI, GABE, CA
[71] FANOTECH ENVIRO INC., CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,439,871**
[13] A1

[51] **Int.Cl. 7B63C 9/00**
[25] EN
[54] **SWIFTWATER SAFETY AND RESCUE SYSTEM**
[54] **SYSTEME DE SECURITE ET DE SAUVETAGE EN EAU VIVE**
[72] MILLER, TREVER, CA
[71] WATERKITE SAFETY AND RESCUE INC., CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,440,011**
[13] A1

[51] **Int.Cl. 7G08B 21/22 7B60N 2/26**
[25] FR
[54] **SAFE BABY (ALARME SONORE POUR SIEGE D'AUTO POUR ENFANTS)**
[54] **SAFE BABY (SOUND ALARM FOR BABY CAR SEATS)**
[72] CHAMPAGNE, YANICK, CA
[72] JUTEAU, SERGE, CA
[72] MILHOMME, STEVE, CA
[71] CHAMPAGNE, YANICK, CA
[71] JUTEAU, SERGE, CA
[71] MILHOMME, STEVE, CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,440,015**
[13] A1

[51] **Int.Cl. 7G06T 7/20 7H04N 7/00**
[25] EN
[54] **SECOND ORDER CHANGE DETECTION IN VIDEO**
[54] **DETECTION DE CHANGEMENT DE SECOND ORDRE DANS DES IMAGES**
[72] GORODNICHY, DMITRY O., CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2003-09-03
[41] 2005-03-03

[21] **2,440,066**
[13] A1

[51] **Int.Cl. 7G01F 23/34 7G01F 23/58**
[25] EN
[54] **LIQUID LEVEL INDICATOR**
[54] **INDICATEUR DE NIVEAU DE LIQUIDE**
[72] MCQUAID, BRENDON ARTHUR, CA
[71] MCQUAID, BRENDON ARTHUR, CA
[22] 2003-09-09
[41] 2005-02-28
[30] US (UNKNOWN) 2003-08-29

[21] **2,440,172**
[13] A1

[51] **Int.Cl. 7A61K 31/496 7A61K 9/08 7A61P 31/10**
[25] EN
[54] **ITRACONAZOLE SOLUTION**
[54] **SOLUTION D'ITRACONAZOLE**
[72] SHERMAN, BERNARD CHARLES, CA
[71] SHERMAN, BERNARD CHARLES, CA
[22] 2003-09-05
[41] 2005-03-05

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[21] **2,440,173**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/00**
[25] EN
[54] **TOOL AND METHOD FOR OPERATIONS, MANAGEMENT, CAPACITY, AND SERVICES BUSINESS SOLUTION FOR A TELECOMMUNICATIONS NETWORK**
[54] **OUTIL ET METHODE APPORTANT UNE SOLUTION COMMERCIALE D'EXPLOITATION, DE GESTION, DE CAPACITE ET DE SERVICES POUR UN RESEAU DE TELECOMMUNICATIONS**
[72] MOHARRAM, OMA YMA E., CA
[71] MOHARRAM, OMA YMA E., CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,440,311**
[13] A1

[51] **Int.Cl. 7B02C 4/32**
[25] EN
[54] **VARIABLE GAP CRUSHER**
[54] **CONCASSEUR A ECARTEMENT VARIABLE**
[72] SHEHATA, S. RAMSIS, CA
[71] SHEHATA, S. RAMSIS, CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,440,312**
[13] A1

[51] **Int.Cl. 7B03B 9/02 7C10G 1/00 7C10L 1/32**
[25] EN
[54] **SINGLE PASS CRUSHING FLOWSHEET**
[54] **SCHEMA DE TRAITEMENT POUR CONCASSAGE EN UNE SEULE PASSE**
[72] SHEHATA, S. RAMSIS, CA
[71] SHEHATA, S. RAMSIS, CA
[22] 2003-09-04
[41] 2005-03-04

[21] **2,440,315**
[13] A1

[51] **Int.Cl. 7B25H 5/00 7A63C 17/01 7B62B 3/10**
[25] EN
[54] **KNEE WHEELS**
[54] **DISPOSITIFS A ROULETTES POUR LES GENOUX**
[72] STONE, BRAD, CA
[71] STONE, BRAD, CA
[22] 2003-09-02
[41] 2005-03-02

[21] **2,440,351**
[13] A1

[51] **Int.Cl. 7E01H 5/00 7E01H 10/00 7E01H 5/06 7E01C 19/20**
[25] EN
[54] **SIDEWALK MAINTENANCE VEHICLE AND SYSTEM FOR CLEANING SNOW AND ICE FROM A SURFACE**
[54] **VEHICULE D'ENTRETIEN DES TROTTOIRS ET SYSTEME DE DENEIGEMENT ET DE DEGLACAGE DE SURFACES**
[72] CADMAN, DOUGLAS, CA
[71] CADMAN, DOUGLAS, CA
[22] 2003-09-02
[41] 2005-03-02

[21] **2,440,393**
[13] A1

[51] **Int.Cl. 7G01S 7/03 7H01P 5/00 7H01P 1/213**
[25] EN
[54] **FREQUENCY CONVERTER FOR RADAR RANGERS**
[54] **CONVERTISSEUR DE FREQUENCES POUR TELEMETRES RADAR**
[72] BLESZYNSKI, STANISLAW, CA
[71] BLESZYNSKI, STANISLAW, CA
[22] 2003-09-02
[41] 2005-03-02

[21] **2,440,403**
[13] A1

[51] **Int.Cl. 7E04F 21/20 7E04F 21/22**
[25] EN
[54] **METHOD AND SYSTEM FOR INSTALLING TILES**
[54] **METHODE ET SYSTEME DE POSE DE CARREAUX**
[72] CHOW, STANLEY T., CA
[72] CHENG, CHUN-YEN, CA
[71] CHOW, STANLEY T., CA
[71] CHENG, CHUN-YEN, CA
[22] 2003-08-29
[41] 2005-02-28

[21] **2,440,420**
[13] A1

[51] **Int.Cl. 7E04D 13/147**
[25] EN
[54] **ROOF FLASHING ASSEMBLY FOR SLOPED ROOF APPLICATIONS**
[54] **ENSEMBLE DE SOLIN POUR APPLICATIONS DE TOITURES INCLINEES**
[72] THALER, KEN, CA
[71] THALER, KEN, CA
[22] 2003-09-03
[41] 2005-03-03

[21] **2,440,686**
[13] A1

[51] **Int.Cl. 7B05C 19/02 7B05C 19/06**
[25] EN
[54] **A GAS SUPPLY SYSTEM FOR A POWDER-FLUIDIZING APPARATUS**
[54] **SYSTEME D'ALIMENTATION EN GAZ D'UN APPAREIL A POUDRE FLUIDISEE**
[72] MITCHELL, JOSEPH L., US
[71] ATOFINA CHEMICALS, INC., US
[22] 2003-09-10
[41] 2005-02-28
[30] US (10/652,844) 2003-08-29

[21] **2,440,779**
[13] A1

[51] **Int.Cl. 7H01R 13/66 7H01R 13/64 7H01R 13/703**
[25] EN
[54] **MULTI-CONDUCTOR PLUG AND SOCKET APPARATUS**
[54] **APPAREILLAGE MULTI-CONDUCTEUR A FICHE ET PRISE**
[72] CAMWELL, PAUL L., CA
[72] LOGAN, DEREK W., CA
[72] SIEMENS, WENDALL L., CA
[72] LIU, JILI, CA
[71] EXTREME ENGINEERING LTD., CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,441,846**
[13] A1

[51] **Int.Cl. 7A61F 2/24 7A61L 27/06**
[25] EN
[54] **ARTIFICIAL HEART VALVE**
[54] **VALVULES CARDIAQUES ARTIFICIELLES**
[72] SIEVERS, HANS-HINRICH, DE
[71] SIEVERS, HANS-HINRICH, DE
[22] 2003-09-19
[41] 2005-02-28
[30] DE (103 40 265.9) 2003-08-29

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[21] **2,441,849**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **INTERMEDIARY COMPUTING TO HANDLE DEBT MANAGEMENT PLAN REQUESTS**
[54] **CALCUL INTERMEDIAIRE SERVANT A TRAITER LES DEMANDES DE PLAN DE GESTION DE DETTE**
[72] MORENCY, MICHAEL D., US
[72] HEDRICK, THOMAS W., JR., US
[71] PEREGRIN SERVICES CORPORATION, US
[22] 2003-09-19
[41] 2005-03-02
[30] US (10/654,572) 2003-09-02

[21] **2,442,216**
[13] A1

[51] **Int.Cl. 7F16L 17/06**
[25] EN
[54] **APPARATUS FOR CONNECTING FLUID CONDUITS**
[54] **APPAREIL POUR RACCORDER DES CANALISATIONS DE FLUIDES**
[72] STRONSKI, DALE, CA
[71] STRONSKI, DALE, CA
[22] 2003-09-23
[41] 2005-03-03
[30] CA (2,439,323) 2003-09-03

[21] **2,443,152**
[13] A1

[51] **Int.Cl. 7A47G 21/06 7A22C 29/02 7A47G 21/02**
[25] EN
[54] **TASTING KIT FOR EDIBLE CRUSTACEANS**
[54] **TROUSSE A DEGUSTER LES CRUSTACES COMESTIBLES**
[72] CHARBONNEAU, M. MIGUEL, CA
[71] CHARBONNEAU, M. MIGUEL, CA
[22] 2003-09-02
[41] 2005-03-02

[21] **2,443,155**
[13] A1

[51] **Int.Cl. 7A41D 13/01 7G02B 5/136**
[25] EN
[54] **NIGHTWALKERS**
[54] **BANDEAUX DE SECURITE AMELIORANT LA VISIBILITE**
[72] TURPLE, JAMES P., CA
[71] TURPLE, JAMES P., CA
[22] 2003-09-02
[41] 2005-03-02

[21] **2,443,164**
[13] A1

[51] **Int.Cl. 7A47C 21/02**
[25] EN
[54] **BEDSHEET RETAINER CLIP**
[54] **PINCE DE RETENUE POUR DRAPS**
[72] EL GUERMAAI, MUSTAPHA, CA
[71] EL GUERMAAI, MUSTAPHA, CA
[22] 2003-09-05
[41] 2005-03-05

[21] **2,443,339**
[13] A1

[51] **Int.Cl. 7E04C 1/00**
[25] EN
[54] **CONCRETE UNITS, UNIQUE REINFORCEMENTS AND ACCESSORIES**
[54] **BLOCS EN BETON, ARMATURES SPECIALES ET ACCESSOIRES**
[72] SZOKE, BELA BILL, CA
[71] SZOKE, BELA BILL, CA
[22] 2003-09-03
[41] 2005-03-03

[21] **2,447,556**
[13] A1

[51] **Int.Cl. 7E21B 21/14 7E21B 37/00 7E21B 43/25**
[25] EN
[54] **PROPELLANT TREATMENT AND CONTINUOUS FOAM REMOVAL OF WELL DEBRIS**
[54] **TRAITEMENT PAR CHARGE PROPULSIVE ET EVACUATION CONTINUE DES DEBRIS DE Puits A L'AIDE DE MOUSSE**
[72] HAYES, KIRBY, CA
[71] HURRICANE INDUSTRIES LTD., CA
[71] KIRBY HAYES INCORPORATED, CA
[22] 2003-10-29
[41] 2005-02-28
[30] CA (2,438,640) 2003-08-29

[21] **2,452,235**
[13] A1

[51] **Int.Cl. 7A45C 11/20 7A45C 13/00**
[25] EN
[54] **SOFT-SIDED COOLER OR LUNCH KIT WITH QUICK ACCESS FLAP DEFINING A DECORATIVE FIGURE**
[54] **GLACIERE OU TROUSSE-REPAS A FLANCS SOUPLES AVEC RABAT A ACCES RAPIDE DEFINISSANT UN MOTIF DECORATIF**
[72] JOHNSON, RHONDA SUE, US
[71] THERMOS L.L.C., US
[22] 2003-12-03
[41] 2005-02-28
[30] US (10/652,780) 2003-08-29

[21] **2,447,733**
[13] A1

[51] **Int.Cl. 7B42D 15/04 7B65D 73/00**
[25] EN
[54] **CARD FOR RETAINING ITEMS THEREIN**
[54] **CARTE POUR CONTENIR DES PIECES**
[72] GEHRING-SCHEFF, CHRISTINE E., US
[72] WATTS, VICTORIA L., US
[72] KERSHNER, PATRICK W., US
[71] HALLMARK CARDS, INCORPORATED, US
[22] 2003-10-31
[41] 2005-02-28
[30] US (10/653,040) 2003-08-29

[21] **2,452,231**
[13] A1

[51] **Int.Cl. 7A45C 11/20 7A45C 15/00 7A63F 9/16 7A63F 9/18**
[25] EN
[54] **SOFT-SIDED COOLER OR LUNCH KIT INCLUDING A SPINNING POINTER ON AN INTERIOR SIDE OF THE LID**
[54] **GLACIERE OU TROUSSE-REPAS A FLANCS SOUPLES COMPRENANT UNE AIGUILLE TOURNANTE SUR UNE FACE INTERIEURE DU COUVERCLE**
[72] SHAH, CHIRIG, US
[72] JOHNSON, RHONDA SUE, US
[72] BOROSKI, DWAYNE MATTHEW, US
[71] THERMOS L.L.C., US
[22] 2003-12-03
[41] 2005-02-28
[30] US (10/652,763) 2003-08-29

[21] **2,452,235**
[13] A1

[51] **Int.Cl. 7A45C 11/20 7A45C 13/00**
[25] EN
[54] **SOFT-SIDED COOLER OR LUNCH KIT WITH QUICK ACCESS FLAP DEFINING A DECORATIVE FIGURE**
[54] **GLACIERE OU TROUSSE-REPAS A FLANCS SOUPLES AVEC RABAT A ACCES RAPIDE DEFINISSANT UN MOTIF DECORATIF**
[72] JOHNSON, RHONDA SUE, US
[71] THERMOS L.L.C., US
[22] 2003-12-03
[41] 2005-02-28
[30] US (10/652,780) 2003-08-29

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[21] **2,452,413**
[13] A1

[51] **Int.Cl. 7F16L 55/165 7F16L 1/028 7F16L 55/18**
[25] EN
[54] **APPARATUS AND METHOD FOR LINING IN SITU PIPE**
[54] **APPAREIL ET METHODE DE CHEMISAGE DE TUYAUX SUR PLACE**
[72] GOSS, CHRIS, CA
[71] GOSS, CHRIS, CA
[22] 2003-12-05
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[30] US (10/655065) 2003-09-05

[21] **2,452,668**
[13] A1

[51] **Int.Cl. 7E04D 13/147**
[25] EN
[54] **ROOF FLASHING ASSEMBLY**
[54] **SOLIN DE TOITURE**
[72] THALER, KEN, CA
[71] THALER, KEN, CA
[22] 2003-12-09
[41] 2005-03-03
[30] CA (2440420) 2003-09-03

[21] **2,453,051**
[13] A1

[51] **Int.Cl. 7B25C 11/00 7E04D 15/00 7B66F 15/00 7E04G 23/02**
[25] EN
[54] **CROWBAR TOOL**
[54] **PINCE-MONSEIGNEUR**
[72] BOND, WILLIAM RALPH, US
[71] BOND, WILLIAM RALPH, US
[22] 2003-12-15
[41] 2005-03-04
[30] US (10/654,021) 2003-09-04

[21] **2,455,081**
[13] A1

[51] **Int.Cl. 7B60S 9/04 7B62D 55/08 7B66F 7/28**
[25] EN
[54] **SNOWMOBILE ELEVATION MECHANISM**
[54] **MECANISME DE LEVAGE DE MOTONEIGE**
[72] LEITNER, KENNETH, CA
[71] LEITNER, KENNETH, CA
[22] 2004-01-13
[41] 2005-02-27
[30] US (10/648,396) 2003-08-27

[21] **2,455,332**
[13] A1

[51] **Int.Cl. 7B63C 3/06**
[25] EN
[54] **GRAVITY WATERCRAFT LIFT**
[54] **APPAREIL DE LEVAGE A GRAVITE POUR EMBARCATIONS MARINES**
[72] BASTA, SAMUEL T., US
[71] IPO L.L.C., US
[22] 2004-01-16
[41] 2005-02-27
[30] US (10/650,503) 2003-08-27

[21] **2,456,465**
[13] A1

[51] **Int.Cl. 7B60K 17/28**
[25] EN
[54] **POWER TAKEOFF DEVICE**
[54] **DISPOSITIF DE PRISE DE FORCE**
[72] FERNANDEZ, RICKEY, US
[71] MUNCIE POWER PRODUCTS, INC., US
[22] 2004-01-29
[41] 2005-02-28
[30] US (10/650,748) 2003-08-29

[21] **2,459,097**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SUPPLY CHAIN DATA MANAGEMENT**
[54] **GESTION DE DONNEES DE CHAINE D'APPROVISIONNEMENT**
[72] MACOLINO, LAURIE, AU
[71] MERCURY ADVISORY GROUP PTY LTD., AU
[22] 2004-02-27
[41] 2005-02-28
[30] AU (2003904675) 2003-08-29

[21] **2,459,099**
[13] A1

[51] **Int.Cl. 7A01B 59/043 7A01B 63/00 7B60D 1/00 7A01B 59/06**
[25] EN
[54] **SUSPENSION SYSTEM FOR A THREE-POINT APPARATUS**
[54] **SYSTEME DE SUSPENSION POUR APPAREIL A TROIS POINTS**
[72] REDMAN, ALAN L., US
[72] STEINBERGER, DAN P., US
[72] BERNARD, LAWRENCE F., US
[72] WILLEMSEN, LESLIE L., US
[71] WIL-RICH, LLC, US
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[41] 2005-03-05
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[13] A1

[51] **Int.Cl. 7G06K 9/62**
[25] EN
[54] **APPARATUS AND METHOD FOR CHARACTER RECOGNITION AND PROGRAM THEREOF**
[54] **DISPOSITIF ET METHODE DE RECONNAISSANCE DES CARACTERES ET SON PROGRAMME**
[72] SUEN, CHING Y., CA
[72] KAKUTANI, HIROSHI, JP
[72] HASE, HIROYUKI, JP
[71] PFU LIMITED, JP
[71] JAPAN AS REPRESENTED BY THE PRESIDENT OF UNIVERSITY OF FUKUI, JP
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[51] **Int.Cl. 7F41B 5/14**
[25] EN
[54] **DEVICE FOR DETACHING LOCATOR FROM ARROW FOR TRACKING GAME**
[54] **DISPOSITIF DE DECROCHAGE DE RADIOBALISE D'UNE FLECHE POUR LA RECHERCHE DU GIBIER**
[72] CYR, MAURICE, US
[72] SIMMS, JON, US
[71] TALON INDUSTRIES, LLC, US
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[41] 2005-03-05
[30] US (10/656,608) 2003-09-05

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[21] **2,461,108**
[13] A1

[51] **Int.Cl. 7A61M 16/00**
[25] EN
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[54] **MASQUE LARYNGE**
[72] COOK, DANIEL J., US
[71] COOK, DANIEL J., US
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[21] **2,461,644**
[13] A1

[51] **Int.Cl. 7E04D 13/10**
[25] EN
[54] **SNOW GUARD DEVICE**
[54] **GARDE-NEIGE**
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[71] THALER, KEN, CA
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[41] 2005-03-03
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[21] **2,465,415**
[13] A1

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[54] **BEVERAGE COOLER**
[54] **REFROIDISSEUR DE BOISSON**
[72] KETT, DONALD A., CA
[72] SCHRAA, FRANK, CA
[71] KETT, DONALD A., CA
[71] SCHRAA, FRANK, CA
[22] 2004-04-28
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[30] WO (PCT/CA2003/001280) 2003-08-29

[21] **2,466,470**
[13] A1

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[25] EN
[54] **WINDROW MACHINE AND HARVESTING METHOD**
[54] **ANDAINEUSE ET METHODE DE RECOLTE**
[72] PAILHE, HORACIO ALBERTO, AR
[71] PAILHE, HORACIO ALBERTO, AR
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[21] **2,467,015**
[13] A1

[51] **Int.Cl. 7A61H 33/00 7A47K 3/00 7H05B 1/02**
[25] EN
[54] **BATHING UNIT CONTROL SYSTEM WITH CAPACITIVE WATER LEVEL SENSOR**
[54] **SYSTEME DE COMMANDE D'APPAREIL DE BAIN AVEC CAPTEUR CAPACITIF DE NIVEAU D'EAU**
[72] BROCHU, CHRISTIAN, CA
[72] CHENIER, FRANCOIS, CA
[72] LAFLAMME, BENOIT, CA
[71] 9090-3493 QUEBEC INC., CA
[22] 2004-05-10
[41] 2005-03-02
[30] US (10/651,949) 2003-09-02

[21] **2,468,602**
[13] A1

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[54] **A METHOD OF FORMING A BORE**
[54] **METHODE DE FORMATION D'UN PUIT DE FORAGE**
[72] BURGE, PHILIP MICHAEL, GB
[72] HEWSON, JAMES ADAM, GB
[71] TECHNOLOGY VENTURES INTERNATIONAL LIMITED, GB
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[21] **2,469,704**
[13] A1

[51] **Int.Cl. 7A63F 13/00**
[25] EN
[54] **AWARDING OF GAME FEATURES IN A GAMING MACHINE**
[54] **ATTRIBUTION DE FONCTIONS A UN APPAREIL DE JEUX ET PARIS**
[72] GAUSELMANN, MICHAEL, DE
[71] ATRONIC INTERNATIONAL GMBH, DE
[22] 2004-06-03
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[30] US (10/655,950) 2003-09-04

[21] **2,469,995**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 13/00**
[25] EN
[54] **MULTIPLE PROGRESSIVE JACKPOTS FOR A GAMING DEVICE**
[54] **GROS LOTS MULTIPLES A AUGMENTATION PROGRESSIVE POUR APPAREIL DE JEUX ET PARIS**
[72] GAUSELMANN, MICHAEL, DE
[71] ATRONIC INTERNATIONAL GMBH, DE
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[41] 2005-03-05
[30] US (10/655,957) 2003-09-05

[21] **2,470,042**
[13] A1

[51] **Int.Cl. 7C23C 2/02 7C23C 2/00**
[25] EN
[54] **METHOD FOR MANUFACTURING GALVANNEALED STEEL SHEET AND GALVANNEALED STEEL SHEET**
[54] **METHODE DE FABRICATION DE TOLES D'ACIER RECUIT APRES GALVANISATION ET TOLE D'ACIER RECUIT APRES GALVANISATION**
[72] GAMOU, AKIRA, JP
[72] TAIRA, SHOICHIRO, JP
[72] MIYAKAWA, YOICHI, JP
[72] SUGIMOTO, YOSHIHARU, JP
[71] JFE STEEL CORPORATION, JP
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[30] JP (2003-307072) 2003-08-29
[30] JP (2003-307073) 2003-08-29

[21] **2,472,436**
[13] A1

[51] **Int.Cl. 7E21B 47/16 7E21B 47/12**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING DIAGNOSTICS ON A DOWNHOLE COMMUNICATION SYSTEM**
[54] **METHODE ET DISPOSITIF D'EXECUTION DE DIAGNOSTICS POUR SYSTEME DE COMMUNICATIONS DE FOND DE TROU**
[72] PACAULT, NICOLAS G., US
[72] BOYLE, BRUCE W., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2004-06-25
[41] 2005-02-28
[30] US (10/604,986) 2003-08-29

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[13] A1

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[25] EN
[54] **BALLISTIC FORGING**
[54] **PIECE FORGEE BALISTIQUE**
[72] RADFORD, MARK, CA
[72] COCKROFT, STEVEN, CA
[72] BOUDREAU, MICHAEL HOWARD,
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[71] RADFORD, MARK, CA
[71] COCKROFT, STEVEN, CA
[71] BOUDREAU, MICHAEL HOWARD,
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[13] A1

[51] **Int.Cl. 7C04B 35/115 7C04B 35/48**
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[25] EN
[54] **TRANSPARENT**
POLYCRYSTALLINE YTTRIUM
ALUMINUM GARNET
[54] **GRENAT D'YTTRIUM ET**
D'ALUMINIUM POLYCRISTALLIN
TRANSPARENT
[72] WEI, GEORGE C., US
[71] OSRAM SYLVANIA INC., US
[22] 2004-07-02
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[30] US (10/654,202) 2003-09-03

[21] **2,472,982**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/16**
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[25] EN
[54] **DELEGATED ADMINISTRATION**
OF A HOSTED RESOURCE
[54] **ADMINISTRATION DELEGUEE**
D'UNE RESSOURCE HEBERGE
[72] GOCIMAN, CIPRIAN, US
[71] MICROSOFT CORPORATION, US
[22] 2004-07-06
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[30] US (10/650,891) 2003-08-28

[21] **2,473,074**
[13] A1

[51] **Int.Cl. 7A61F 2/34**
[25] EN
[54] **HIP PROSTHESIS WITH A**
MODULAR ACETABULAR CUP
ASSEMBLY
[54] **PROTHESE DE HANCHE AVEC**
ENSEMBLE COTYLE MODULAIRE
[72] GARBER, FRANK D., US
[72] HORN, JOHN P., US
[71] ZIMMER TECHNOLOGY, INC., US
[22] 2004-07-07
[41] 2005-02-27
[30] US (10/649,567) 2003-08-27

[21] **2,474,462**
[13] A1

[51] **Int.Cl. 7E01H 5/02 7A01B 1/02**
[25] FR
[54] **PELLE PLIANTE**
[54] **COLLAPSIBLE SHOVEL**
[72] LACHANCE, JEAN-LUC, CA
[71] LACHANCE, JEAN-LUC, CA
[22] 2004-08-02
[41] 2005-03-02

[21] **2,474,577**
[13] A1

[51] **Int.Cl. 7A01M 23/26**
[25] EN
[54] **SUPPORT FOR TRAP,**
COMBINATION THEREOF AND
METHOD
[54] **SUPPORT POUR PIEGE, SA**
COMBINAISON ET METHODE
[72] BEAUREGARD, KURT D., US
[71] BEAUREGARD, KURT D., US
[22] 2004-07-16
[41] 2005-03-02
[30] US (10/653,518) 2003-09-02

[21] **2,475,073**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00**
7C12P 21/02 7A61P 37/08 7A61K 35/12
7A61K 38/17 7C07K 14/46 7C12N 15/63
7A61K 31/7088
[25] EN
[54] **HYPOALLERGENIC**
POLYPEPTIDES BASED ON FISH
PARVALBUMIN
[54] **POLYPEPTIDES**
HYPOALLERGENIQUES A BASE DE
PARVALBUMINE DE POISSON
[72] SWOBODA, INES, AT
[72] SPITZAUER, SUSANNE, AT
[72] VALENT, PETER, AT
[72] VALENTA, RUDOLF, AT
[71] BIOMAY PRODUKTIONS- UND
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[41] 2005-03-04
[30] EP (03.020063.8) 2003-09-04

[21] **2,475,131**
[13] A1

[51] **Int.Cl. 7B65D 90/10 7E02B 11/00**
7G01C 15/00 7E01F 9/04 7B65D 88/76
[25] EN
[54] **SEPTIC TANK CLEANOUT**
LOCATOR
[54] **LOCALISATEUR DE REGARD DE**
NETTOYAGE DE FOSSE SEPTIQUE
[72] MACASKILL, DONALD EDWARD,
CA
[71] MACASKILL, DONALD EDWARD,
CA
[22] 2004-07-22
[41] 2005-03-04

[21] **2,475,197**
[13] A1

[51] **Int.Cl. 7B23K 9/12 7B23K 9/095**
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[25] EN
[54] **VOLTAGE REGULATED MIG**
WELDING USING A CONSTANT
CURRENT POWER SOURCE
[54] **SOUDAGE MIG A REGULATION**
DE TENSION FAISANT APPEL A UNE
SOURCE D'ALIMENTATION
INTENSIOSTATIQUE
[72] OTT, BRIAN L., US
[72] IHDE, JEFFERY R., US
[71] ILLINOIS TOOL WORKS, INC., US
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[41] 2005-03-02
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[13] A1

[51] **Int.Cl. 7H05B 33/14 7C01B 25/02 7C09K 11/08**
[25] EN
[54] **WHITE-LIGHT EMITTING DEVICE, AND PHOSPHOR AND METHOD OF ITS MANUFACTURE**
[54] **DISPOSITIF EMETTANT UNE LUMIERE BLANCHE, LUMINOPHORE ET METHODE DE FABRICATION**
[72] FUJIWARA, SHINSUKE, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2004-07-16
[41] 2005-02-27
[30] JP (2003-303210) 2003-08-27

[21] **2,475,484**
[13] A1

[51] **Int.Cl. 7B65B 63/02 7B65B 63/04**
[25] EN
[54] **ROLL-UP MACHINE AND METHOD**
[54] **PRESSE A BALLE ET METHODE**
[72] PAIVINEN, ERKKI, CA
[72] CZASTKIEWICZ, WITOLD S., CA
[72] BANASZKIEWICZ, STAN, CA
[72] SKARZENSKI, JOSEPH, CA
[71] OTTAWA FIBRE, INC., CA
[22] 2004-07-22
[41] 2005-03-03
[30] US (10/654,255) 2003-09-03

[21] **2,475,643**
[13] A1

[51] **Int.Cl. 7F16B 13/10**
[25] EN
[54] **HEAVY DUTY TOGGLE BOLT FASTENER ASSEMBLY, AND METHOD OF INSTALLING AND REMOVING THE SAME**
[54] **ASSEMBLAGE DE BOULONS A AILETTES POUR SERVICE INTENSIF, ET METHODE D'INSTALLATION ET DE DEPOSE**
[72] PANASIK, CHERYL L., US
[71] ILLINOIS TOOL WORKS, INC., US
[22] 2004-07-21
[41] 2005-03-04
[30] US (10/653,957) 2003-09-04

[21] **2,475,314**
[13] A1

[51] **Int.Cl. 7B23K 31/02 7B23K 9/095**
[25] EN
[54] **METHOD AND APPARATUS OF ELECTRONIC SELECTION OF AN OUTPUT MODE OF A WELDING POWER SOURCE**
[54] **METHODE ET DISPOSITIF DE SELECTION ELECTRONIQUE D'UN MODE DE SORTIE DE SOURCE D'ALIMENTATION DE SOUDAGE**
[72] SYKES, ALLEN, US
[72] KRAUS, DAVID, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-07-20
[41] 2005-03-02
[30] US (10/605,018) 2003-09-02

[21] **2,475,535**
[13] A1

[51] **Int.Cl. 7F02D 45/00 7F02D 41/22**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING ENGINE TEMPERATURE BY ENGINE DERATING**
[54] **METHODE ET SYSTEME DE CONTROLE DE LA TEMPERATURE D'UN MOTEUR A COMBUSTION PAR ALLEGEMENT DE REGIME DU MOTEUR**
[72] LONGNECKER, JOHN EDWARD, US
[72] AVERY, RICHARD MICHAEL, JR., US
[72] LEWALLEN, BRIAN, US
[72] SUPER, LEOPOLD, US
[71] DETROIT DIESEL CORPORATION, US
[22] 2004-07-22
[41] 2005-03-03
[30] US (10/654,326) 2003-09-03

[21] **2,475,769**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A61K 45/00 7A61P 35/00 7G01N 33/574**
[25] EN
[54] **COLORECTAL CANCER PROGNOSTICS**
[54] **PRONOSTIC DU CANCER COLORECTAL**
[72] WANG, YIXI, US
[71] VERIDEX, LLC, US
[22] 2004-08-25
[41] 2005-02-28
[30] US (10/651,237) 2003-08-28
[30] US (10/782,413) 2004-02-19

[21] **2,475,316**
[13] A1

[51] **Int.Cl. 7B23K 10/00 7H05H 1/26**
[25] EN
[54] **METHOD AND APPARATUS OF COORDINATING OPERATIONAL FEEDBACK IN A PLASMA CUTTER**
[54] **METHODE ET DISPOSITIF DE COORDINATION DE RETROACTION OPERATIONNELLE D'UNE PLASMACOUPEUSE**
[72] MATUS, TIM A., US
[71] ILLINOIS TOOL WORKS, INC., US
[22] 2004-07-20
[41] 2005-03-03
[30] US (10/605,038) 2003-09-03

[21] **2,475,635**
[13] A1

[51] **Int.Cl. 7B26D 7/18**
[25] EN
[54] **PRESSING UNIT FOR SEPARATING THE DIECUT BLANKS OF A SHEET**
[54] **PRESSE PERMETTANT DE SEPARER DES EBAUCHES D'UNE FEUILLE**
[72] STEINER, JEAN-PIERRE, CH
[71] BOBST S.A., CH
[22] 2004-07-23
[41] 2005-03-01
[30] CH (01495/03) 2003-09-01

[21] **2,475,876**
[13] A1

[51] **Int.Cl. 7C09K 3/22 7E21F 5/00 7E21F 5/06 7C08K 3/10 7C10L 9/10 7E21C 35/22**
[25] EN
[54] **METHOD AND COMPOSITION FOR SUPPRESSING COAL DUST**
[54] **METHODE D'ELIMINATION DE POUSSIERE DE CHARBON ET COMPOSITION CONNEXE**
[72] COLUCCI, WILLIAM J., US
[71] ETHYL PETROLEUM ADDITIVES, INC., US
[22] 2004-07-27
[41] 2005-02-28
[30] US (10/651,140) 2003-08-28

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[21] **2,475,895**
[13] A1

[51] **Int.Cl. 7H04L 7/04 7H04B 7/005**
[25] EN
[54] **PROCESS FOR PROVIDING A PILOT AIDED PHASE RECOVERY OF A CARRIER**
[54] **PROCEDE DE REMISE EN PHASE D'UNE PORTEUSE ASSISTEE PAR DISPOSITIF PILOTE**
[72] BIGI, ALAN, IT
[72] DE GAUDENZI, RICCARDO, NL
[72] GINESI, ALBERTO, NL
[72] FITTIPALDI, DOMENICO, IT
[71] AGENCE SPATIALE EUROPEENNE, FR
[22] 2004-07-28
[41] 2005-03-05
[30] EP (03077809.6) 2003-09-05

[21] **2,475,899**
[13] A1

[51] **Int.Cl. 7H04L 7/04 7H04B 7/005**
[25] EN
[54] **PROCESS FOR PROVIDING A PILOT AIDED PHASE SYNCHRONIZATION OF CARRIER**
[54] **PROCEDE DE SYNCHRONISATION DE PHASE D'UNE PORTEUSE ASSISTEE PAR DISPOSITIF PILOTE**
[72] GINESI, ALBERTO, NL
[72] FITTIPALDI, DOMENICO, IT
[72] BIGI, ALAN, IT
[72] DE GAUDENZI, RICCARDO, IT
[71] AGENCE SPATIALE EUROPEENNE, FR
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[21] **2,476,047**
[13] A1

[51] **Int.Cl. 7A61B 19/00**
[25] EN
[54] **MULTIPLE CONFIGURATION ARRAY FOR A SURGICAL NAVIGATION SYSTEM**
[54] **RESEAU MULTI-CONFIGURATION POUR SYSTEME DE NAVIGATION CHIRURGICAL**
[72] DONALDSON, TIMOTHY A., US
[72] HARMON, KIM R., US
[72] BARKER, RICHARD L., US
[71] ZIMMER ORTHOPAEDIC SURGICAL PRODUCTS, INC., US
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[21] **2,476,059**
[13] A1

[51] **Int.Cl. 7C08L 61/10 7C09J 161/10**
[25] EN
[54] **A LOW-NITROGEN CONTENT PHENOL-FORMALDEHYDE RESIN**
[54] **RESINE PHENOL-FORMALDEHYDE A BASSE TENEUR EN AZOTE**
[72] WINTEROWD, JACK G., US
[71] WEYERHAEUSER COMPANY, US
[22] 2004-07-26
[41] 2005-03-05
[30] US (10/656,072) 2003-09-05

[21] **2,476,087**
[13] A1

[51] **Int.Cl. 7A61J 7/04**
[25] EN
[54] **SECURABLE MEDICATION REMINDER DEVICE**
[54] **PENSE-BETE DE POSOLOGIE DE MEDICAMENT A BLOCAGE DE SECURITE**
[72] GIEWERCER, HARRY, CA
[71] GIEWERCER, HARRY, CA
[22] 2004-08-12
[41] 2005-03-05
[30] US (60/500,247) 2003-09-05

[21] **2,476,469**
[13] A1

[51] **Int.Cl. 7B23C 5/26**
[25] EN
[54] **MILLING TOOL HAVING AN ADJUSTABLE INSERT SEAT**
[54] **FRAISE AVEC SIEGE REGLABLE DE PIECE RAPPORTEE**
[72] SCHAUPP, BERTHOLD, DE
[72] SCHNEIDER, THOMAS, DE
[71] WALTER AG, DE
[22] 2004-08-04
[41] 2005-03-03
[30] DE (103 40 493.7) 2003-09-03

[21] **2,476,470**
[13] A1

[51] **Int.Cl. 7F02C 7/052**
[25] EN
[54] **TURBINE AIRFOIL COOLING FLOW PARTICLE SEPARATOR**
[54] **SEPARATEUR DE PARTICULES D'UN COURANT D'AIR DE REFROIDISSEMENT POUR PROFIL DE TURBINE**
[72] HUDSON, ERIC A., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[22] 2004-08-04
[41] 2005-02-28
[30] US (10/652,913) 2003-08-28

[21] **2,476,471**
[13] A1

[51] **Int.Cl. 7B23P 19/04**
[25] EN
[54] **TOOLING PROVISION FOR SPLIT CASES**
[54] **FOURNITURE D'OUTILLAGE ET D'EQUIPEMENT POUR SEPARER EN DEUX DES BOITERS**
[72] RADER, MATTHEW R., US
[72] BROOKS, ROBERT T., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[22] 2004-08-04
[41] 2005-02-28
[30] US (10/652,644) 2003-08-28

[21] **2,476,515**
[13] A1

[51] **Int.Cl. 7E21B 47/12 7G01V 3/34**
[25] EN
[54] **ELECTROMAGNETIC BOREHOLE TELEMETRY SYSTEM INCORPORATING A CONDUCTIVE BOREHOLE TUBULAR**
[54] **SYSTEME ELECTROMAGNETIQUE DE TELEMETRIE DE Puits DE FORAGE COMPRENANT UN TUBE DE SONDAGE CONDUCTEUR**
[72] WEISBECK, DENIS, US
[72] WISLER, MACMILLAN M., US
[72] HALL, HUGH E., JR., US
[71] PRECISION DRILLING TECHNOLOGY SERVICES GROUP INC., CA
[22] 2004-08-04
[41] 2005-02-27
[30] US (10/649431) 2003-08-27
[30] US (10/781585) 2004-02-11

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 [13] A1

[51] **Int.Cl. 7E21B 47/12 7G01V 3/34**
 [25] EN
 [54] **ELECTROMAGNETIC MWD TELEMETRY SYSTEM INCORPORATING A CURRENT SENSING TRANSFORMER**
 [54] **SYSTEME ELECTROMAGNETIQUE DE TELEMETRIE MWD COMPRENANT UN TRANSFORMATEUR CAPTEUR DE COURANT**
 [72] WU, JIAN-QUN, US
 [72] WISLER, MACMILLAN M., US
 [72] WEISBECK, DENIS, US
 [71] PRECISION DRILLING TECHNOLOGY SERVICES GROUP INC., CA
 [22] 2004-08-04
 [41] 2005-02-27
 [30] US (10/649432) 2003-08-27

[21] **2,476,584**
 [13] A1

[51] **Int.Cl. 7E06C 7/10 7E06C 7/42**
 [25] EN
 [54] **LADDER SUPPORT BRACE**
 [54] **APPUI D'ECHELLE**
 [72] SIMPSON, DENNIS D., US
 [71] TRICAM INDUSTRIES, INC., US
 [22] 2004-08-05
 [41] 2005-03-05
 [30] US (60/500,505) 2003-09-05

[21] **2,476,810**
 [13] A1

[51] **Int.Cl. 7F21S 8/10**
 [25] EN
 [54] **REAR LAMP UNIT FOR VEHICLE**
 [54] **FEU ARRIERE POUR VEHICULE**
 [72] MIYAGAWA, TORU, JP
 [72] MAEDA, SHINICHI, JP
 [72] KANAOKA, YOJI, JP
 [72] OSUGI, HIROYUKI, JP
 [72] NAKAYAMA, MASARU, JP
 [71] HONDA MOTOR CO., LTD., JP
 [22] 2004-08-06
 [41] 2005-03-04
 [30] JP (2003-312915) 2003-09-04

[21] **2,476,827**
 [13] A1

[51] **Int.Cl. 7E21B 43/247 7E21C 37/16 7E21C 41/18**
 [25] EN
 [54] **BURN ASSISTED FRACTURING OF UNDERGROUND COAL BED**
 [54] **FRACTURATION ASSISTEE PAR BRULAGE D'UNE COUCHE DE HOUILLE SOUTERRAINE**
 [72] WILSON, DENNIS RAY, US
 [71] CONOCOPHILLIPS COMPANY, US
 [22] 2004-08-06
 [41] 2005-03-05
 [30] US (10/656,436) 2003-09-05

[21] **2,476,840**
 [13] A1

[51] **Int.Cl. 7A01C 1/06 7A01H 4/00**
 [25] EN
 [54] **METHOD OF ATTACHING AN END SEAL TO MANUFACTURED SEEDS**
 [54] **METHODE DE FIXATION D'UN EMBOUT PROTECTEUR AUX SEMENCES FABRIQUEES**
 [72] GADDIS, PAUL G., US
 [72] HIRAHARA, EDWIN, US
 [71] WEYERHAEUSER COMPANY, US
 [22] 2004-08-10
 [41] 2005-02-27
 [30] US (60/560,710) 2003-08-27

[21] **2,476,948**
 [13] A1

[51] **Int.Cl. 7A63B 47/00 7F25D 3/00 7A63B 71/02 7F25D 3/08**
 [25] EN
 [54] **PORTABLE HOCKEY PUCK FREEZER**
 [54] **CONGELATEUR PORTATIF DE RONDELLES DE HOCKEY**
 [72] CONTRINO, TONY, CA
 [71] CONTRINO, TONY, CA
 [22] 2004-08-20
 [41] 2005-03-05
 [30] US (60/500,018) 2003-09-05

[21] **2,477,024**
 [13] A1

[51] **Int.Cl. 7H04R 3/00**
 [25] EN
 [54] **VOICE MATCHING SYSTEM FOR AUDIO TRANSDUCERS**
 [54] **SYSTEME D'ADAPTATION VOCALE POUR TRANSDUCTEURS AUDIO**
 [72] REICHEL, KENNETH, US
 [71] AUDIO-TECHNICA, U.S., INC., US
 [22] 2004-08-09
 [41] 2005-02-28
 [30] US (10/651,872) 2003-08-29

[21] **2,477,209**
 [13] A1

[51] **Int.Cl. 7B29C 45/03 7F16D 3/84**
 [25] EN
 [54] **METHOD OF MANUFACTURING BOOT FOR CONSTANT-VELOCITY UNIVERSAL JOINT AND MANUFACTURING APPARATUS FOR USE IN THE METHOD, AND BOOT FOR CONSTANT-VELOCITY UNIVERSAL JOINT**
 [54] **METHODE, DISPOSITIF DE FABRICATION D'ENVELOPPE POUR JOINT UNIVERSEL HOMOCYNETIQUE ET ENVELOPPE**
 [72] SUEOKA, KAZUHIKO, JP
 [72] TAKADA, YASUJI, JP
 [71] FUKOKU CO., LTD., JP
 [22] 2004-08-11
 [41] 2005-02-28
 [30] JP (2003-209846) 2003-08-29
 [30] JP (2004-131960) 2004-04-27

[21] **2,477,213**
 [13] A1

[51] **Int.Cl. 7H02G 3/08**
 [25] EN
 [54] **ADJUSTABLE ELECTRICAL BOX**
 [54] **COFFRET ELECTRIQUE REGLABLE**
 [72] DINH, CONG THANH, US
 [71] THOMAS & BETTS INTERNATIONAL, INC., US
 [22] 2004-08-11
 [41] 2005-03-05
 [30] US (10/656,433) 2003-09-05

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[13] A1
[51] **Int.Cl. 7B41J 13/00 7B41J 11/00**
[25] EN
[54] **PRINTER OUTPUT SETS
COMPILER TO STACKER SYSTEM**
[54] **SYSTEME D'IMPRIMANTE AVEC
COMPILATEUR-RECEPTEUR DE
PAPIER ET ENSEMBLES DE SORTIE**
[72] ROSS, MATTHEW J., US
[72] MILILLO, RICHARD J., US
[72] FICARRA, RICHARD P., US
[72] HERRMANN, DOUGLAS K., US
[72] CARYL, BRUCE D., US
[72] DAVIS, TIMOTHY M., US
[72] SCHWENK, ALICIA K., US
[72] SOKOLOWSKI, PIOTR, US
[71] XEROX CORPORATION, US
[22] 2004-08-12
[41] 2005-02-28
[30] US (10/652,106) 2003-08-29

[21] **2,477,338**
[13] A1
[51] **Int.Cl. 7B65D 5/18**
[25] EN
[54] **RECLOSEABLE CARTON**
[54] **CARTON REFERMABLE**
[72] JOUPPI, PATRICK T., US
[72] SURMIK, STEPHEN J., US
[71] GENERAL MILLS, INC., US
[22] 2004-08-12
[41] 2005-03-05
[30] US (10/656,844) 2003-09-05

[21] **2,477,339**
[13] A1
[51] **Int.Cl. 7F16J 15/10 7F02F 11/00
7F16J 15/12**
[25] EN
[54] **IMPROVED SEALING GASKET
WITH FLEXIBLE STOPPER**
[54] **JOINT D'ETANCHEITE
AMELIORE AVEC PRESSE-ETOUPE
SOUPLE**
[72] ANDERSON, SCOTT M., US
[72] WANGEROW, RONALD W., US
[72] KONG, YINGJIE, US
[72] NOVIL, MARTIN, US
[71] FREUDENBERG-NOK GENERAL
PARTNERSHIP, US
[22] 2004-08-12
[41] 2005-02-28
[30] US (10/650,339) 2003-08-28

[21] **2,477,342**
[13] A1
[51] **Int.Cl. 7F16J 15/10 7F02F 11/00
7F16J 15/12**
[25] EN
[54] **IMPROVED SEALING GASKET
WITH FLEXIBLE STOPPER**
[54] **JOINT D'ETANCHEITE
AMELIORE AVEC PRESSE-ETOUPE
SOUPLE**
[72] KONG, YINGJIE, US
[72] NOVIL, MARTIN, US
[72] WANGEROW, RONALD W., US
[72] ANDERSON, SCOTT M., US
[71] FREUDENBERG-NOK GENERAL
PARTNERSHIP, US
[22] 2004-08-12
[41] 2005-02-28
[30] US (10/650,339) 2003-08-28
[30] US (10/699,901) 2003-11-03

[21] **2,477,484**
[13] A1
[51] **Int.Cl. 7B29C 49/42 7B29C 49/28
7B29C 49/60 7B29C 49/70**
[25] EN
[54] **METHOD AND APPARATUS FOR
MAKING A BLOW MOLDED FUEL
TANK**
[54] **METHODE ET DISPOSITIF DE
FABRICATION D'UN RESERVOIR DE
CARBURANT MOULE PAR
SOUFFLAGE**
[72] QUICK, CHRISTOPHER K., CA
[72] KNUEPPPEL, HARALD, CA
[72] BRANDNER, BRIAN W., CA
[72] KERSEY, KEITH D., CA
[71] TI GROUP AUTOMOTIVE SYSTEMS,
L.L.C., US
[22] 2004-08-16
[41] 2005-03-03
[30] US (10/653,783) 2003-09-03

[21] **2,477,520**
[13] A1
[51] **Int.Cl. 7F16D 3/84 7B29C 45/03
7F16J 3/04 7F16J 15/52**
[25] EN
[54] **METHOD OF MANUFACTURING
BOOT FOR CONSTANT VELOCITY
UNIVERSAL JOINT AND
MANUFACTURING APPARATUS FOR
USE IN THE METHOD, AND BOOT FOR
CONSTANT VELOCITY UNIVERSAL
JOINT**
[54] **METHODE, DISPOSITIF DE
FABRICATION D'ENVELOPPE POUR
JOINT UNIVERSEL
HOMOCYNETIQUE ET ENVELOPPE**
[72] TAKADA, YASUJI, JP
[72] SUEOKA, KAZUHIKO, JP
[71] FOKOKU CO., LTD., JP
[22] 2004-08-12
[41] 2005-03-02
[30] JP (2003-310523) 2003-09-02
[30] JP (2004-131959) 2004-04-27

[21] **2,477,526**
[13] A1
[51] **Int.Cl. 7B65D 30/10 7B65D 33/36**
[25] EN
[54] **COMPRESSIBLE BEVERAGE
CONTAINER**
[54] **CONTENANT A BOISSONS
COMPRESSIBLE**
[72] SIMARD, MARTIN, CA
[71] SIMARD, MARTIN, CA
[22] 2004-08-23
[41] 2005-03-05
[30] US (60/500,007) 2003-09-05

[21] **2,477,623**
[13] A1
[51] **Int.Cl. 7B65D 17/40**
[25] EN
[54] **EASY-OPENING HIGH BARRIER
PLASTIC CLOSURE AND METHOD
THEREFOR**
[54] **DISPOSITIF DE FERMETURE EN
PLASTIQUE A HAUTE BARRIERE
FACILE A OUVRIR ET METHODE
CONNEXE**
[72] NOMULA, SRINIVAS, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2004-08-16
[41] 2005-03-02
[30] US (10/653,584) 2003-09-02

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[13] A1

[51] **Int.Cl. 7G03G 15/20 7G03G 13/22 7G03G 15/22**
[25] EN
[54] **FUSER FLUID COMPOSITIONS**
[54] **COMPOSITIONS DE FLUIDE DE FUSION**
[72] PEETERS, PETER M.H.M., US
[72] VAN DER WERF, JOHAN M., US
[72] KLYMACHYOV, ALEXANDER N., US
[72] AMICO, MARK S., US
[72] BADESHA, SANTOKH S., US
[72] KAPLAN, SAMUEL, US
[72] CONNOR, JOHN, US
[72] FRATANGELO, LOUIS D., US
[72] KARRAN, PETER, US
[72] LILLIE, MARK J., US
[71] XEROX CORPORATION, US
[22] 2004-08-16
[41] 2005-02-28
[30] US (60/498,752) 2003-08-30
[30] US (10/821,760) 2004-04-04

[21] **2,477,889**
[13] A1

[51] **Int.Cl. 7H04Q 3/64**
[25] EN
[54] **IMPROVED LOAD BALANCING IN A NETWORK OF CONTACT CENTRES**
[54] **EQUILIBRAGE AMELIORE DES CHARGES DANS UN RESEAU DE CENTRES DE RENSEIGNEMENTS**
[72] MANNION, LIAM, IE
[72] KELLY, PAUL, IE
[72] HAYES, SEAMUS, IE
[72] MCNELIS, DONALD, GB
[71] NORTEL NETWORKS LIMITED, CA
[22] 2004-08-12
[41] 2005-02-28
[30] US (10/650,227) 2003-08-28

[21] **2,477,910**
[13] A1

[51] **Int.Cl. 7B60B 11/04**
[25] EN
[54] **A WHEEL AND A WHEEL RIM**
[54] **ROUE ET JANTE**
[72] PINOTTI, CARLOS EDUARDO, BR
[72] BONALDI, JOSE HENRIQUE, BR
[72] MITSUYASSU, FERNANDO TOSHIHIKO, BR
[72] GOSSER, NELSON, JR., BR
[72] YOLLIK, STEVEN ALLAN, US
[72] FRANCISCHETI, EVANDRO LUIS, BR
[72] TUBERO, SERGIO CHARLES, BR
[71] ARVINMERITOR DO BRASIL SISTEMAS AUTOMOTIVOS LTDA., BR
[22] 2004-08-17
[41] 2005-02-28
[30] BR (PI0303281-7) 2003-08-28

[21] **2,477,927**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **SELF-EXPANDING STENT AND STENT DELIVERY SYSTEM FOR TREATMENT OF VASCULAR STENOSIS**
[54] **ENDOPROTHESE AUTO-EXPANSIBLE ET SYSTEME DE POSE D'ENDOPROTHESES POUR LE TRAITEMENT DE STENOSES VASCULAIRES**
[72] JONES, DONALD K., US
[72] MITELBERG, VLADIMIR, US
[71] CORDIS NEUROVASCULAR, INC., US
[22] 2004-08-18
[41] 2005-02-28
[30] US (10/651,569) 2003-08-29

[21] **2,477,944**
[13] A1

[51] **Int.Cl. 7A61F 2/06 7A61F 2/01**
[25] EN
[54] **SELF-EXPANDING STENT AND STENT DELIVERY SYSTEM WITH DISTAL PROTECTION**
[54] **ENDOPROTHESE AUTO-EXPANSIBLE ET SYSTEME DE POSE D'ENDOPROTHESES AVEC DISPOSITIF DE PROTECTION DISTALE**
[72] JONES, DONALD K., US
[72] MITELBERG, VLADIMIR, US
[71] CORDIS NEUROVASCULAR, INC., US
[22] 2004-08-18
[41] 2005-02-28
[30] US (10/651,605) 2003-08-29

[21] **2,477,997**
[13] A1

[51] **Int.Cl. 7B65B 11/00**
[25] EN
[54] **WRAPPING MACHINE**
[54] **MACHINE A EMBALLER**
[72] SUOLAHTI, YRJO, FI
[71] OY M. HALOILA AB, FI
[22] 2004-08-18
[41] 2005-03-05
[30] FI (FI-20031269) 2003-09-05

[21] **2,478,008**
[13] A1

[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **HOME NETWORK NAME DISPLAYING METHODS AND APPARATUS FOR MULTIPLE HOME NETWORKS**
[54] **METHODES ET APPAREIL D'AFFICHAGE DE NOMS DE RESEAUX DOMESTIQUES POUR RESEAUX DOMESTIQUES MULTIPLES**
[72] WEIGELE, INGO W., CA
[72] NAQVI, NOUSHAD, CA
[72] ZINN, RONALD SCOTTE, CA
[72] PHILLIPS, CATHERINE M., CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2004-08-18
[41] 2005-03-03
[30] EP (03255483.4) 2003-09-03

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[21] **2,478,037**
[13] A1

[51] **Int.Cl. 7F25D 23/02 7F25D 29/00**
[25] EN
[54] **DOOR SWITCH ACTUATING STRUCTURE FOR REFRIGERATOR**
[54] **DISPOSITIF D'ACTIONNEMENT D'INTERRUPTEUR DE PORTE DE REFRIGERATEUR**
[72] PARK, TAE-HO, KR
[71] LG ELECTRONICS INC., KR
[22] 2004-08-17
[41] 2005-02-28
[30] KR (2003-0060320) 2003-08-29

[21] **2,478,061**
[13] A1

[51] **Int.Cl. 7B07B 13/08 7A23J 3/14**
[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATING OIL SEEDS**
[54] **METHODE ET APPAREIL DE SEPARATION DES GRAINES OLEAGINEUSES**
[72] HEPFNER, DALE P., CA
[72] HEPFNER, CHARLES M., CA
[72] HEPFNER, NEAL M., CA
[72] HEPFNER, SCOTT C., CA
[71] HEPFNER, DALE P., CA
[71] HEPFNER, CHARLES M., CA
[71] HEPFNER, SCOTT C., CA
[71] HEPFNER, NEAL M., CA
[22] 2004-08-30
[41] 2005-03-04
[30] US (60/500.808) 2003-09-04

[21] **2,478,166**
[13] A1

[51] **Int.Cl. 7B01J 19/12**
[25] EN
[54] **CONTROLLED FLOW INSTRUMENT FOR MICROWAVE ASSISTED CHEMISTRY WITH HIGH VISCOSITY LIQUIDS AND HETEROGENEOUS MIXTURES**
[54] **INSTRUMENT HYPERFREQUENCE A DEBIT CONTROLE POUR SYNTHESE CHIMIQUE A PARTIR DE LIQUIDES A VISCOSITE ELEVEE ET DE MELANGES HETEROGENES**
[72] KING, EDWARD EARL, US
[72] COLLINS, MICHAEL JOHN, JR., US
[72] LAMBERT, JOSEPH JOSHUA, US
[72] HARGETT, WYATT PRICE, JR., US
[72] THOMAS, JAMES EDWARD, US
[71] CEM CORPORATION, US
[22] 2004-08-20
[41] 2005-03-02
[30] US (10/605,021) 2003-09-02

[21] **2,478,200**
[13] A1

[51] **Int.Cl. 7B65B 13/18 7B65B 23/00 7B65B 63/02 7B65B 13/04**
[25] EN
[54] **MACHINE FOR THE STRAPPING OF COMPRESSIBLE PACKAGED GOODS IN PARTICULAR, SUCH AS CORRUGATED CARDBOARD LAYERS**
[54] **MACHINE DE CERCLAGE, EN PARTICULIER DE MARCHANDISES EMBALLEES COMPRESSIBLES, COMME DES PANNEAUX DE CARTON ONDULE**
[72] SCHUTTLER, KARL, DE
[72] PEARSON, TIMOTHY BRIAN, US
[71] SIGNODE BERNPAK GMBH, DE
[22] 2004-08-19
[41] 2005-03-02
[30] DE (103 40 310.8) 2003-09-02

[21] **2,478,268**
[13] A1

[51] **Int.Cl. 7F24D 3/12 7F24F 3/00 7E04C 2/52**
[25] EN
[54] **RADIANT PANEL**
[54] **PANNEAU RADIANT**
[72] VAN KOEVERING, KELLY, US
[72] HUEBNER, FRITZ, US
[71] PLASCORE, INC., US
[22] 2004-08-19
[41] 2005-02-28
[30] US (10/651,474) 2003-08-29

[21] **2,478,280**
[13] A1

[51] **Int.Cl. 7G01K 7/13 7G01K 7/12**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR MEASURING TEMPERATURE WITH COLD JUNCTION COMPENSATION**
[54] **METHODE, SYSTEME ET DISPOSITIF DE MESURE DE LA TEMPERATURE AVEC COMPENSATION DE SOUDURE FROIDE**
[72] UNDERWOOD, WILLIAM BARRY, GB
[72] WESTON, CHRISTOPHER CHARLES, GB
[72] DEOGAN, HARBANSE, GB
[72] BROWN, RODERICK GORDON, GB
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-08-19
[41] 2005-02-27
[30] GB (0320083.9) 2003-08-27

[21] **2,478,370**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **TRANSFORMATION OPPORTUNITY INDICATOR**
[54] **INDICATEUR DE POSSIBILITE DE TRANSFORMATION**
[72] JENSEN, EDWARD WILLIAM, US
[72] SANTINI, ELIZABETH WOOD, US
[72] KILGORA, KATHRYN MAINS, US
[72] ENGELKING, PATRICK, US
[72] ALATI, ANTHONY G., US
[71] ACCENTURE GLOBAL SERVICES GMBH, CH
[22] 2004-08-20
[41] 2005-02-28
[30] US (10/651,878) 2003-08-29

[21] **2,478,450**
[13] A1

[51] **Int.Cl. 7F01M 13/00 7F01M 11/08**
[25] EN
[54] **BLOWBY GAS VENTILATION SYSTEM FOR INTERNAL COMBUSTION ENGINE**
[54] **SYSTEME DE VENTILATION DE GAZ SOUFFLE DANS LE CARTER POUR MOTEUR A COMBUSTION INTERNE**
[72] FUJIHARA, KAZUO, JP
[72] MAEDA, RYUJI, JP
[72] MURAOKA, YUUKI, JP
[72] MORIYAMA, RYUJI, JP
[72] SHIMADA, NOBUHIRO, JP
[72] OKI, KENJI, JP
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[71] DEFONTAINE, FR
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[54] **FLUID CONTAINER**
[54] **CONTENANT A LIQUIDE**
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[41] 2005-03-05
[30] US (10/655,786) 2003-09-05

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[54] **CIRCUIT BREAKER EMPLOYING AN ILLUMINATED OPERATING HANDLE**
[54] **DISJONCTEUR COMPRENANT UNE POIGNEE DE COMMANDE ECLAIREE**
[72] ALARCON, JOSE I., MX
[72] LIPSEY, PERCY J., II, US
[72] PUHALLA, CRAIG J., US
[72] TONGO, ERNESTO J., MX
[72] GAZDECKI, RANDAL D., US
[71] EATON CORPORATION, US
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[25] EN
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[54] **SYSTEME DE FIXATION DE TUBE A FLAMMES**
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[72] ANICHI, ALESSIO, IT
[72] GIORNI, EUGENIO, IT
[72] LANESE, NICOLA, IT
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[54] **CIRCUIT BREAKER EMPLOYING ILLUMINATING INDICATORS FOR OPEN AND CLOSED POSITIONS**
[54] **DISJONCTEUR COMPRENANT DES VOYANTS LUMINEUX DE POSITION OUVERTE ET DE POSITION FERMEE**
[72] GUNDY, RAYMOND P., II, US
[72] LIPSEY, PERCY J., II, US
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[54] **METHOD AND APPARATUS FOR GROWING VINE CROPS IN A GREENHOUSE**
[54] **METHODE ET APPAREIL DE CULTURE DE CUCURBITACEES DANS UNE SERRE**
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[72] BAI, LENA LI, US
[71] GAO, LITANG, US
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[54] **MECANISME DE DEGAGEMENT DE CANOT DE SAUVETAGE**
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[51] **Int.Cl. 7H02H 3/093 7H02H 3/02**
[25] EN
[54] **CIRCUIT BREAKER AND TRIP UNIT EMPLOYING MULTIPLE FUNCTION TIME SELECTOR SWITCH**
[54] **DISJONCTEUR ET MECANISME DE DECLENCHEMENT UTILISANT UN SELECTEUR DE TEMPS A FONCTIONS MULTIPLES**
[72] PUSKAR, MICHAEL P., US
[72] SHAAK, TODD M., US
[72] SALETTA, GARY F., US
[72] CARLINO, HARRY J., US
[71] EATON CORPORATION, US
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[25] EN
[54] **VEHICLE TRANSMISSION CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COMMANDE DE TRANSMISSION DE VEHICULE**
[72] HOLLENBECK, BRUCE PHELPS, US
[71] MACK TRUCKS, INC., US
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[54] **OUTIL POUR STRUCTURE DE SOC BINEUR MONTE SERRE**
[72] POUTRE, BENOIT JOCELYN, US
[72] BEECK, MARK DONALD, US
[72] PECK, DONALD RAY, US
[71] DEERE & COMPANY, US
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[54] **BOITIER ELECTRIQUE EXTERIEUR ET CAPUCHON CONNEXE**
[72] JOHNSON, JEFFREY L., US
[72] WHITE, PERCY A., US
[71] EATON CORPORATION, US
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[30] US (10/652,466) 2003-08-29

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[25] EN
[54] **INTER-REGULATOR CONTROL OF MULTIPLE ELECTRIC POWER SOURCES**
[54] **COMMANDE DE SOURCES ELECTRIQUES MULTIPLES PARTAGEE ENTRE DES REGULATEURS**
[72] PATTERSON, CIARAN J., US
[71] C.E. NIEHOFF & CO., US
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[25] FR
[54] **PROCEDE ET DISPOSITIF DE MAINTENANCE D'UN EQUIPEMENT DE RADIONAVIGATION D'UN AERONEF**
[54] **PROCEDURE AND DEVICE FOR MAINTENANCE OF AIRCRAFT RADIO NAVIGATION EQUIPMENT**
[72] TATHAM, GILLES, FR
[72] POMIES, DOMINIQUE, FR
[71] AIRBUS FRANCE, FR
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[13] A1

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[54] **AERONEF POURVU D'INVERSEURS DE POUSSEE**
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[72] ANDRE, JOAN, FR
[72] ANDRIEU, LAURENT, FR
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[25] FR
[54] **SYSTEME D'INJECTION AIR/CARBURANT AYANT DES MOYENS DE GENERATION DE PLASMAS FROIDS**
[54] **AIR/FUEL INJECTION SYSTEM WITH COLD-PLASMA GENERATION CAPABILITY**
[72] CAZALENS, MICHEL, FR
[72] BEULE, FREDERIC, FR
[71] SNECMA MOTEURS, FR
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[25] FR
[54] **ENSEMBLE D'ASSEMBLAGE D'AERONEF**
[54] **AIRCRAFT ASSEMBLY COMPONENT**
[72] NARCY, JEAN, FR
[72] CHICO, PHILIPPE, FR
[71] MESSIER-BUGATTI, FR
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[13] A1

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[54] **FLUSH-MOUNTED SLIDER WINDOW FOR PICK-UP TRUCK**
[54] **FENETRE COULISSANTE ENCASTREE POUR CAMIONNETTE**
[72] HIMEBAUGH, ROBERT V., US
[72] PIKE, RYAN E., US
[72] SCHREINER, MARK A., US
[72] BILLIU, ANDREW T., US
[72] MULVANE, CURTIS L., US
[72] WAGENER, THOMAS R., US
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[72] CAO, DU, CA
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[13] A1

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[54] **TECHNIQUE FOR UPDATING A PRIVATE DIRECTORY AT AN INFORMATION/CALL CENTER**
[54] **TECHNIQUE DE MISE A JOUR D'UN ANNUAIRE PRIVE A UN CENTRE D'INFORMATION/D'APPEL**
[72] TIMMINS, TIMOTHY A., US
[71] METRO ONE TELECOMMUNICATIONS, INC., US
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[41] 2005-02-28
[30] US (10/651,358) 2003-08-29

[21] **2,479,068**
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[51] **Int.Cl. 7A63B 53/02 7B29C 33/00**
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[54] **METHODS AND APPARATUS FOR FORMING A GOLF CLUB HOSEL**
[54] **METHODES ET APPAREIL PERMETTANT DE FORMER UNE DOUILLE DE BATON DE GOLF**
[72] NICOLETTE, MICHAEL R., US
[72] SCHWEIGERT, BRADLEY D., US
[71] KARSTEN MANUFACTURING CORPORATION, US
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[41] 2005-02-28
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[54] **LASER POUCH FORM AND METHOD OF CONSTRUCTION**
[54] **FORMULAIRE-POCHETTE IMPRIMABLE AU LASER ET METHODE DE FABRICATION**
[72] EMMERT, DAVID RALPH, US
[71] MOORE WALLACE NORTH AMERICA, INC., US
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[41] 2005-02-27
[30] US (10/648,350) 2003-08-27

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[54] **RETENTION VALVE THAT CONTROLS THE EMPTYING OF CYLINDERS WITH LIQUID PETROLEUM GAS**
[54] **ROBINET DE RETENUE QUI CONTROLE LA VIDANGE DES BOUTEILLES DE GAZ DE PETROLE LIQUEFIE**
[72] SEPULVEDA BARRIA, LUIS GUILLERMO, CL
[72] SEPULVEDA TURINA, RODOLFO ENRIQUE, CL
[71] CEMCO S.A., CH
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[13] A1

[51] **Int.Cl. 7G01M 11/02 7G01B 9/02**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING POLARIZATION INSENSITIVE SIGNAL PROCESSING FOR INTERFEROMETRIC SENSORS**
[54] **METHODE ET DISPOSITIF ASSURANT LE TRAITEMENT DES SIGNAUX INSENSIBLES A LA POLARISATION POUR CAPTEURS INTERFEROMETRIQUES**
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[72] WAAGAARD, OLE HENRIK, NO
[71] WEATHERFORD/LAMB, INC., US
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[30] US (10/649,590) 2003-08-27
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[54] **RACCORD RAPIDE AVEC RESSORT DE RETENUE**
[72] CURRY, BRIAN D., US
[72] HARTMAN, HARRY W., US
[72] ELLINGSON, FREDERICK J., US
[71] TRIUMPH BRANDS, INC., US
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[13] A1

[51] **Int.Cl. 7E05D 15/38 7E05D 15/24 7E06B 3/48 7E06B 3/50**
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[54] **SECTIONAL OVERHEAD DOOR ROLLER ASSEMBLY**
[54] **GALET DE PORTE-RIDEAU**
[72] SMALLWOOD, JOHN CLIFFORD, AU
[71] SMALLWOOD, JULIE, AU
[71] SMALLWOOD, JOHN CLIFFORD, AU
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[30] AU (2003904651) 2003-08-27

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[54] **RECIPROCAL TANGIBLE-PROMOTIONAL-MATERIALS PRESENTATIONS ENABLING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE VALIDATION DE PRESENTATIONS DE MATERIEL PROMOTIONNEL TANGIBLE RECIPROQUE**
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[71] FINK, THOMAS ANDREW, US
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[51] **Int.Cl. 7H04M 3/493**
[25] EN
[54] **TECHNIQUE FOR PROVIDING PERSONALIZED INTERACTION FOR USERS OF AN INFORMATION ASSISTANCE SERVICE**
[54] **TECHNIQUE PERMETTANT D'OFFRIR UNE INTERACTION PERSONNALISEE AUX UTILISATEURS D'UN SERVICE D'ASSISTANCE A L'INFORMATION**
[72] MOSTAD, MATTHEW A., US
[71] METRO ONE TELECOMMUNICATIONS, INC., US
[22] 2004-08-26
[41] 2005-03-03
[30] US (10/654,407) 2003-09-03

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[25] EN
[54] **METHODS AND APPARATUSES FOR CHARACTERIZING REFOLDING AND AGGREGATION OF BIOLOGICAL MOLECULES**
[54] **METHODE ET APPAREILS DE CARACTERISATION DU REPLIEMENT ET DE L'AGREGATION DES MOLECULES BIOLOGIQUES**
[72] SENISTERRA, GUILLERMO, CA
[72] HUI, RAYMOND, CA
[72] VEDADI, MASOUD, CA
[71] AFFINIUM PHARMACEUTICALS, INC., CA
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[30] US (60/498,561) 2003-08-28

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[13] A1

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[25] EN
[54] **ANALYTICAL DEVICE WITH PREDICTION MODULE AND RELATED METHODS**
[54] **DISPOSITIF D'ANALYSE COMPRENANT UN MODULE DE PREVISION ET METHODES CONNEXES**
[72] MELANDER, TODD, US
[72] STOUT, PHIL, US
[71] LIFESCAN, INC., US
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[41] 2005-02-28
[30] US (10/652,464) 2003-08-28
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[13] A1

[51] **Int.Cl. 7H04M 3/493**
[25] EN
[54] **TECHNIQUE FOR PROVIDING PERSONALIZED INTERACTION FOR USERS OF AN INFORMATION ASSISTANCE SERVICE**
[54] **TECHNIQUE PERMETTANT D'OFFRIR UNE INTERACTION PERSONNALISEE AUX UTILISATEURS D'UN SERVICE D'ASSISTANCE A L'INFORMATION**
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[71] METRO ONE TELECOMMUNICATIONS, INC., US
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[25] EN
[54] **MULTI-STAGE VAPOR COMPRESSION SYSTEM WITH INTERMEDIATE PRESSURE VESSEL**
[54] **SYSTEME A COMPRESSION DE VAPEUR ETAGEE AVEC RECIPIENT SOUS PRESSION INTERMEDIAIRE**
[72] MANOLE, DAN M., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 2004-08-26
[41] 2005-03-02
[30] US (10/653,581) 2003-09-02

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[13] A1

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[54] **METHOD OF AND APPARATUS FOR TRANSFERRING COIN/TOKEN SIGNATURE DATA BETWEEN COIN/TOKEN ACCEPTOR DEVICES**
[54] **METHODE ET APPAREIL DE TRANSFERT DES DONNEES RELATIVES A LA SIGNATURE DES PIECES DE MONNAIE/JETONS ENTRE DES RECEPTEURS DE PIECES DE MONNAIE/JETONS**
[72] JUDS, SCOTT, US
[71] IDX, INC., US
[22] 2004-08-26
[41] 2005-03-05
[30] US (10/655,063) 2003-09-05

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[13] A1

[51] **Int.Cl. 7A23J 3/14 7A23L 1/015 7A23J 1/14**
[25] EN
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[54] **METHODE DE DESAROMATISATION DE SUBSTANCES DERIVEES DU SOJA**
[72] AKASHE, AHMAD, US
[72] MEIBACH, RONALD LOUIS, US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2004-08-26
[41] 2005-03-04
[30] US (10/655,259) 2003-09-04

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[13] A1

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[25] EN
[54] **APPARATUS FOR THE STORAGE AND CONTROLLED DELIVERY OF FLUIDS**
[54] **APPAREIL POUR LE STOCKAGE ET LA CIRCULATION CONTROLEE DES FLUIDES**
[72] MANOLE, DAN M., US
[72] FROSTICK, ALICIA, US
[71] TECUMSEH PRODUCTS COMPANY, US
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[30] US (10/653,502) 2003-09-02

[21] **2,479,174**
[13] A1

[51] **Int.Cl. 7F04B 53/10**
[25] EN
[54] **PUMP VALVE ASSEMBLY**
[54] **ROBINET DE POMPE**
[72] JENKINS, MICHAEL R., US
[72] KOELZER, ROBERT L, US
[71] HALDEX BRAKE CORPORATION, US
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[41] 2005-02-27
[30] US (10/648,881) 2003-08-27

[21] **2,479,186**
[13] A1

[51] **Int.Cl. 7A63B 53/04**
[25] EN
[54] **METHODS AND APPARATUS FOR A TOE-UP PUTTER CLUB HEAD**
[54] **METHODES ET APPAREIL PERMETTANT DE HAUSSER LA POINTE DE LA TETE D'UN FER DROIT**
[72] SCHWEIGERT, BRADLEY D., US
[72] SOLHEIM, JOHN K., US
[71] KARSTEN MANUFACTURING CORPORATION, US
[22] 2004-08-26
[41] 2005-02-28
[30] US (10/650,289) 2003-08-28

[21] **2,479,199**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 13/00**
[25] EN
[54] **GAMING MACHINE WITH EXTENDABLE GRAPHICAL DISPLAYS**
[54] **APPAREIL DE JEUX DE HASARD AVEC AFFICHAGES GRAPHIQUES TELESCOPIQUES**
[72] GOMEZ, BENJAMIN T., US
[72] JAFFE, JOEL R., US
[71] WMS GAMING INC., US
[22] 2004-08-26
[41] 2005-02-27
[30] US (10/649,928) 2003-08-27

[21] **2,479,232**
[13] A1

[51] **Int.Cl. 7F24F 11/02**
[25] EN
[54] **APPARATUS ADAPTED TO BE RELEASABLY CONNECTABLE TO THE SUB BASE OF A THERMOSTAT**
[54] **APPAREIL ADAPTE POUR LE RACCORDEMENT NON PERMANENT A LA PARTIE INFERIEURE DE LA BASE D'UN THERMOSTAT**
[72] CAREY, STEVEN L., US
[71] EMERSON ELECTRIC CO., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/604,940) 2003-08-28

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[13] A1

[51] **Int.Cl. 7H04N 7/16 7H04H 1/00 7H04N 5/00 7H04L 9/32**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURE BROADCAST**
[54] **SYSTEME ET METHODE DE DIFFUSION PROTEGEE**
[72] O'BRIEN, WILLIAM G., CA
[72] YEAP, TET HIN, CA
[72] LOU, DAFU, CA
[71] BCE INC, CA
[22] 2004-08-27
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[30] US (60/497,909) 2003-08-27

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[13] A1

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[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING DEPOLARIZED LIGHT**
[54] **METHODE ET DISPOSITIF PRODUISANT DE LA LUMIERE DEPOLARISEE**
[72] RONNEKLEIV, ERLEND, NO
[72] WAAGAARD, OLE HENRIK, NO
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-08-25
[41] 2005-02-27
[30] US (10/649,590) 2003-08-27
[30] US (10/650,117) 2003-08-27

[21] **2,479,269**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR REPORTING ON THE QUALITY OF A REPAIR PROCESS**
[54] **METHODE ET SYSTEME DE PRODUCTION DE RAPPORTS SUR LA QUALITE D'UN PROCESSUS DE REPARATION**
[72] TROYER, WILLIAM J., US
[72] BROCIOS, DAVID RAY, US
[71] PPG INDUSTRIES OHIO, INC., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/652,139) 2003-08-29

[21] **2,479,272**
[13] A1

[51] **Int.Cl. 7D21D 5/02**
[25] EN
[54] **ROTOR WITH MULTIPLE FOILS FOR SCREENING APPARATUS FOR PAPERMAKING PULP**
[54] **ROTOR A RACLES MULTIPLES POUR APPAREIL DE CLASSAGE DE PATE A PAPIER**
[72] GALLAGHER, BRIAN J., US
[72] MEESE, RICHARD G., US
[71] GROUPE LAPERRIERE & VERREAULT INC., CA
[22] 2004-08-24
[41] 2005-03-02
[30] US (10/653,711) 2003-09-02

[21] **2,479,276**
[13] A1

[51] **Int.Cl. 7F01D 25/02 7F02C 7/047**
[25] EN
[54] **METHODS AND APPARATUS FOR OPERATING GAS TURBINE ENGINES**
[54] **METHODES ET APPAREIL PERMETTANT L'EXPLOITATION DE TURBINES A GAZ**
[72] VENKATARAMANI, KATTALAICHERI SRINIVASAN, US
[72] LEE, CHING-PANG, US
[72] BUTLER, LAWRENCE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-08-26
[41] 2005-03-05
[30] US (10/656,518) 2003-09-05

[21] **2,479,285**
[13] A1

[51] **Int.Cl. 7B43M 3/04**
[25] EN
[54] **ENVELOPE-FILING STATION FOR MAIL PROCESSING SYSTEMS**
[54] **POSTE A INSERER LES ENVELOPPES POUR SYSTEMES DE TRAITEMENT DU COURRIER**
[72] STING, MARTIN, DE
[72] BOTSCHKE, CHRISTIAN, DE
[71] PITNEY BOWES DEUTSCHLAND GMBH, DE
[22] 2004-08-26
[41] 2005-03-01
[30] DE (103 40 219.5) 2003-09-01

[21] **2,479,290**
[13] A1

[51] **Int.Cl. 7A61K 7/48 7C11D 1/02 7C11D 3/37**
[25] EN
[54] **MILD AND EFFECTIVE CLEANSING COMPOSITIONS**
[54] **COMPOSITIONS DE NETTOYANT DOUX ET EFFICACE**
[72] LUKENBACH, ELVIN R., US
[72] LIBRIZZI, JOSEPH, US
[72] GANOPOLSKY, IRINA, US
[72] MARTIN, ALISON, US
[72] EKNOIAN, MICHAEL W., US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/650,226) 2003-08-28

[21] **2,479,293**
[13] A1

[51] **Int.Cl. 7B27N 3/02**
[25] EN
[54] **PROCESS FOR MAKING ENGINEERED LIGNOCELLULOSIC-BASED PANELS**
[54] **METHODE DE FABRICATION DE PANNEAUX TECHNIQUES A BASE DE MATIERES LIGNOCELLULOSIQUES**
[72] SHANTZ, ROGER M., US
[72] WINTEROWD, JACK G., US
[72] TAYLOR, MICHAEL N., US
[72] HANSON, DANIEL V., US
[71] WEYERHAEUSER COMPANY, US
[22] 2004-08-27
[41] 2005-03-05
[30] US (10/655,996) 2003-09-05

[21] **2,479,300**
[13] A1

[51] **Int.Cl. 7G01L 9/00 7F02F 11/00 7F02B 77/08**
[25] EN
[54] **GASKET HAVING A FIBER-OPTIC PRESSURE SENSOR ASSEMBLY**
[54] **JOINT COMPRENANT UN ENSEMBLE CAPTEUR DE PRESSION A FIBRE OPTIQUE**
[72] RICE, TREVOR, US
[72] VICARI, LARRY, US
[72] GAUSE, CHARLES B., US
[72] BOYD, CLARK D., US
[71] DANA CORPORATION, US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/652,370) 2003-08-29

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[21] **2,479,308**
[13] A1

[51] **Int.Cl. 7G04G 17/00 7G04G 17/06 7G04B 37/16**
[25] EN
[54] **PORTABLE OBJECT COMPRISING A WRISTBAND PROVIDED WITH ELECTRICAL CONNECTION MEANS THROUGH THE CASE, ELECTRICAL CONTACT FLANGE FOR SAID OBJECT, AND MOUNTING METHOD FOR SAID FLANGE**
[54] **OBJET PORTATIF COMPRENANT UN BRACELET MUNI D'ELEMENTS DE CONNEXION ELECTRIQUE A TRAVERS LE BOITIER, BRIDE DE CONTACT ELECTRIQUE POUR LEDIT OBJET ET METHODE D'ASSEMBLAGE DE LADITE BRIDE**
[72] NOIRJEAN, PIERRE-ANDRE, CH
[72] SIMOND, FRANCOIS, CH
[72] HENRIET, FABIEN, CH
[71] ETA SA MANUFACTURE HORLOGERE SUISSE, CH
[22] 2004-08-27
[41] 2005-03-03
[30] EP (03020024.0) 2003-09-03

[21] **2,479,311**
[13] A1

[51] **Int.Cl. 7A61K 7/48 7C11D 1/02 7C11D 3/37**
[25] EN
[54] **MILD AND EFFECTIVE CLEANSING COMPOSITIONS**
[54] **COMPOSITIONS DE NETTOYANT DOUX ET EFFICACE**
[72] LUKENBACH, ELVIN R., US
[72] EKNOIAN, MICHAEL W., US
[72] MARTIN, ALISON, US
[72] GANOPOLSKY, IRINA, US
[72] LIBRIZZI, JOSEPH, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES INC., US
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[30] US (10/650,495) 2003-08-28

[21] **2,479,317**
[13] A1

[51] **Int.Cl. 7C08J 5/22 7G11C 11/00 7C08L 101/12 7C08J 5/20 7C08K 3/20**
[25] EN
[54] **MEMORY DEVICES BASED ON ELECTRIC FIELD PROGRAMMABLE FILMS**
[54] **DISPOSITIFS MEMOIRE A BASE DE FILMS A CHAMP ELECTRIQUE PROGRAMMABLES**
[72] SZMANDA, CHARLES R., US
[72] OUYANG, JIANYONG, US
[72] YANG, YANG, US
[71] ROHM AND HASS COMPANY, US
[71] THE UNIVERSITY OF CALIFORNIA, US
[22] 2004-08-26
[41] 2005-03-03
[30] US (60/500,082) 2003-09-03

[21] **2,479,321**
[13] A1

[51] **Int.Cl. 7G09F 23/00**
[25] EN
[54] **SYSTEM AND METHOD OF ADVERTISING WITH A BATHROOM FIXTURE**
[54] **SYSTEME ET METHODE PUBLICITAIRES AVEC APPAREIL DE SALLE DE BAINS**
[72] PRINCE, ANDREW, CA
[71] PRINCE, ANDREW, CA
[22] 2004-08-26
[41] 2005-02-28
[30] US (60/498,576) 2003-08-29

[21] **2,479,325**
[13] A1

[51] **Int.Cl. 7H01M 8/02 7H01M 2/08**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] ABE, TAKEO, JP
[72] NAKAGAWA, TAKAKI, JP
[72] YOSHIDA, HIROMICHI, JP
[72] MORIKAWA, HIROSHI, JP
[72] SUZUKI, RYUGO, JP
[72] KIMURA, MIKIHICO, JP
[72] SUGIURA, SEIJI, JP
[72] MOHRI, MASAHIRO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-08-26
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[30] JP (2003-303928) 2003-08-28
[30] JP (2003-303933) 2003-08-28
[30] JP (2004-212000) 2004-07-20

[21] **2,479,327**
[13] A1

[51] **Int.Cl. 7A61N 7/00**
[25] EN
[54] **TREATMENT OF CARDIAC ARRHYTHMIA UTILIZING ULTRASOUND**
[54] **TRAITEMENT D'UNE ARYTHMIE CARDIAQUE A L'AIDE D'ULTRASONS**
[72] KAMINSKI, PERRY W., US
[72] LARSON, EUGENE A., US
[71] CRUM, KAMINSKI & LARSON, LLC, US
[22] 2004-08-26
[41] 2005-03-04
[30] US (60/500,067) 2003-09-04
[30] US (60/560,089) 2004-04-07
[30] US (10/921,715) 2004-08-19

[21] **2,479,329**
[13] A1

[51] **Int.Cl. 7B01D 35/30 7B01D 35/02 7B01D 46/10**
[25] EN
[54] **AIR FILTER ARRANGEMENT AND METHOD OF MAKING SAME**
[54] **FILTRE A AIR ET METHODE DE FABRICATION**
[72] SOUTHLAND, STEPHEN G., US
[72] SWART, BRYANT E., US
[71] SDS INDUSTRIES, LLC, US
[22] 2004-08-26
[41] 2005-03-03
[30] US (10/654,581) 2003-09-03

[21] **2,479,337**
[13] A1

[51] **Int.Cl. 7E21B 10/08 7B21K 5/02 7B23P 15/28**
[25] EN
[54] **CUTTING ELEMENT STRUCTURE FOR ROLLER CONE BIT**
[54] **STRUCTURE D'ELEMENT DE COUPE POUR TREPAN A MOLETTES**
[72] BIRNE-BROWNE, RONALD, CA
[72] HERMAN, JOHN J., CA
[72] NESE, PER I., CA
[72] BELNAP, J. DANIEL, US
[72] LOISELLE, LOUISE, CA
[72] BUTLAND, RICHARD, CA
[71] SMITH INTERNATIONAL, INC., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (60/498,822) 2003-08-29
[30] US (UNKNOWN) 2004-08-17

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[13] A1

[51] **Int.Cl. 7E21B 47/18**
[25] EN
[54] **DOWNHOLE TOOL AND METHOD**
[54] **OUTIL DE FOND DE TROU ET**
METHODE
[72] BROWN-KERR, WILLIAM, GB
[72] KNIGHT, JOHN, GB
[72] FRASER, SIMON, GB
[71] MAXWELL DOWNHOLE
TECHNOLOGY LIMITED, GB
[22] 2004-08-26
[41] 2005-03-01
[30] GB (GB 0320357.7) 2003-09-01

[21] **2,479,442**
[13] A1

[51] **Int.Cl. 7A63B 53/04**
[25] EN
[54] **METHODS AND APPARATUS FOR**
A PUTTER CLUB HEAD
[54] **METHODES ET DISPOSITIF**
APPLICABLES A UNE TETE DE FER
DROIT DE GOLF
[72] SCHWEIGERT, BRADLEY D., US
[71] KARSTEN MANUFACTURING
CORPORATION, US
[22] 2004-08-25
[41] 2005-02-28
[30] US (10/650,159) 2003-08-28

[21] **2,479,449**
[13] A1

[51] **Int.Cl. 7A63B 53/04**
[25] EN
[54] **METHODS AND APPARATUS FOR**
FABRICATING A PUTTER CLUB HEAD
[54] **METHODES ET DISPOSITIF DE**
FABRICATION D'UNE TETE DE FER
DROIT DE GOLF
[72] SCHWEIGERT, BRADLEY D., US
[71] KARSTEN MANUFACTURING
CORPORATION, US
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[41] 2005-02-28
[30] US (10/652,221) 2003-08-28

[21] **2,479,439**
[13] A1

[51] **Int.Cl. 7H04L 12/66 7H04M 11/06**
7H04L 12/56 7H04Q 3/64
[25] EN
[54] **METHOD AND SYSTEM FOR**
PROCESSING VOICE TRAFFIC FROM
A MULTI-CHANNEL LINK INTO A
VOIP NETWORK OVER A
BROADBAND NETWORK
[54] **METHODE ET SYSTEME DE**
TRAITEMENT DU TRAFIC VOCAL
TRANSMIS PAR RESEAU A LARGE
BANDE D'UNE LIAISON MULTI-
CANAL VERS UN RESEAU VOIP
[72] ANSLEY, CAROL, US
[71] ARRIS INTERNATIONAL, INC., US
[22] 2004-08-30
[41] 2005-02-28
[30] US (60/498,787) 2003-08-29

[21] **2,479,446**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **CORRELATION OF THE RATIO**
OF TP AND DPD MRNA EXPRESSION
LEVELS IN COLORECTAL CANCER
WITH DISEASE-FREE SURVIVAL IN 5-
FU TREATED PATIENTS
[54] **CORRELATION DU RAPPORT DES**
NIVEAUX D'EXPRESSION D'ARNM DE
LA THYMIDINE PHOSPHORYLASE ET
DE LA DIHYDROPYRIMIDINE
DESHYDROGENASE CHEZ UN
PATIENT ATTEINT DU CANCER
COLO-RECTAL ET DE LA SURVIE
SANS RECIDIVE CHEZ LES PATIENTS
TRAITES AU 5-FU
[72] WERNER, MARTIN, DE
[72] KRAUSE, FRIEDEMANN, DE
[72] WALTER, THOMAS, DE
[72] POIGNEE, MANUELA, DE
[72] PORSTMANN, BAERBEL, DE
[72] LASSMANN, SILKE, DE
[72] LUTZ, VERENA, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[41] 2005-02-28
[30] EP (03 018 783.5) 2003-08-28

[21] **2,479,452**
[13] A1

[51] **Int.Cl. 7G01N 35/00**
[25] EN
[54] **METHOD AND DEVICE FOR**
DETERMINING ANALYTES IN A
LIQUID
[54] **METHODE ET DISPOSITIF DE**
DETERMINATION DE SUBSTANCES A
ANALYSER DANS UN LIQUIDE
[72] WAHL, HANS-PETER, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[41] 2005-02-28
[30] EP (03 019 811.3) 2003-08-30

[21] **2,479,441**
[13] A1

[51] **Int.Cl. 7G01M 11/02 7G06F 17/00**
[25] EN
[54] **METHOD AND APPARATUS FOR**
REDUCING CROSSTALK
INTERFERENCE IN AN INLINE
FABRY-PEROT SENSOR ARRAY
[54] **METHODE ET DISPOSITIF**
REDUISANT LE BROUILLAGE PAR
DIAPHONIE D'UNE MOSAIQUE DE
CAPTEURS DE FABRY-PEROT EN
LIGNE
[72] WAAGAARD, OLE HENRIK, NO
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-08-25
[41] 2005-02-27
[30] US (10/649,588) 2003-08-27

[21] **2,479,455**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **ORDER PROCESSING**
[54] **TRAITEMENT DES COMMANDES**
[72] MCDONNELL, STEPHEN P., US
[72] MANCUSO, PETER A., US
[72] EDWARDS, GLEN, US
[72] MARCHETTI, STEPHEN R., US
[72] MULHERN, TIMOTHY L., US
[72] TENGLER, CRAIG D., US
[72] BIGARI, STEVEN, US
[72] CARDINAL, JOHN F., US
[72] CANTWELL, FRANK, US
[72] HERING, MONICA M., US
[72] JONES, THOMAS O., US
[71] EXIT41, INC., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/652,772) 2003-08-29
[30] US (10/652,702) 2003-08-29
[30] WO (PCT/US2004/026573) 2004-08-13

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[13] A1
[51] **Int.Cl. 7G01N 21/25 7A61B 5/00**
7G01N 33/483
[25] EN
[54] **METHOD FOR ASSESSING**
PIGMENTED SKIN
[54] **METHODE D'EVALUATION DE**
LA PIGMENTATION DE LA PEAU
[72] STAMATAS, GEORGAS, US
[72] KOLLIAS, NIKIFOROS, US
[71] JOHNSON & JOHNSON CONSUMER
COMPANIES, INC., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/650,581) 2003-08-28

[21] **2,479,457**
[13] A1
[51] **Int.Cl. 7A61K 7/50 7C11D 1/02**
7A61K 7/48
[25] EN
[54] **MILD AND EFFECTIVE**
CLEANSING COMPOSITIONS
[54] **COMPOSITIONS DE NETTOYANT**
DOUX ET EFFICACE
[72] MARTIN, ALISON, US
[72] GANOPOLSKY, IRINA, US
[72] LIBRIZZI, JOSEPH, US
[72] EKNOIAN, MICHAEL W., US
[72] LUKENBACH, ELVIN R., US
[71] JOHNSON & JOHNSON CONSUMER
COMPANIES, INC., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/650,573) 2003-08-28

[21] **2,479,458**
[13] A1
[51] **Int.Cl. 7A61F 13/15**
[25] EN
[54] **TWO-LAYER STRUCTURE FOR**
ABSORBENT ARTICLES
[54] **STRUCTURE A DEUX COUCHES**
POUR ARTICLES ABSORBANTS
[72] KELLY, WILLIAM G.F., US
[72] JONES, ARCHIE, US
[72] JAMES, WILLIAM A., US
[71] MCNEIL-PPC, INC., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/651,676) 2003-08-29

[21] **2,479,459**
[13] A1
[51] **Int.Cl. 7A61F 13/53 7A61F 13/539**
[25] EN
[54] **DISPOSABLE ABSORBENT**
ARTICLES
[54] **ARTICLES ABSORBANTS**
JETABLES
[72] O'MALLEY, MARY GAIL, US
[72] LASKO, VINCENT P., US
[72] JOSEPH, ANNEMARIE DEVINE, US
[71] MCNEIL-PPC, INC., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/652,171) 2003-08-29

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[13] A1
[51] **Int.Cl. 7B63H 11/08 7F04D 29/18**
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[25] EN
[54] **WATER JET PUMP**
[54] **POMPE A EAU**
[72] FUSE TOMOHIRO, JP
[72] IWAKAMI, HIROSHI, JP
[72] TSUCHIYA, MASAHICO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-08-27
[41] 2005-02-28
[30] JP (2003-305775) 2003-08-29

[21] **2,479,464**
[13] A1
[51] **Int.Cl. 7F04B 47/00 7F01L 21/00**
7F16K 15/04 7F04B 53/10
[25] EN
[54] **ANTI GAS-LOCK PUMPING**
SYSTEM
[54] **SYSTEME DE POMPAGE ANTI-**
BOUCHON DE VAPEUR
[72] GALLANT, RAYMOND DENIS, CA
[71] GALLANT, RAYMOND DENIS, CA
[22] 2004-08-30
[41] 2005-03-05
[30] US (10/654,930) 2003-09-05

[21] **2,479,474**
[13] A1
[51] **Int.Cl. 7C12N 15/56 7A61K 45/00**
7C12Q 1/02 7A61P 31/10 7C12N 9/24
7C12N 15/31 7C07K 14/37 7C07K 14/40
7G01N 33/569 7C12N 15/63
[25] EN
[54] **POLYPEPTIDES INVOLVED IN**
FUNGAL BIOFILM FORMATION AND
POLYNUCLEOTIDES ENCODING
SAME, AND USES THEREOF
[54] **POLYPEPTIDES PARTICIPANT A**
LA FORMATION FONGIQUE DE
FILMS BIOLOGIQUES ET
POLYNUCLEOTIDES ENCODANT
LESDITS POLYPEPTIDES, ET
UTILISATIONS CONNEXES
[72] GARCIA-SANCHEZ, SUSANA, FR
[72] D'ENFERT, CHRISTOPHE DIDIER,
FR
[72] IRAQUI, ISMAIEL, FR
[72] JANBON, GUILHEM, FR
[72] GHIGO, JEAN-MARC, FR
[72] COTTIER, FABIEN, FR
[71] INSTITUT PASTEUR, FR
[22] 2004-08-30
[41] 2005-02-28
[30] CA (2,438,753) 2003-08-28

[21] **2,479,475**
[13] A1
[51] **Int.Cl. 7A47L 9/00 7A47L 9/16**
[25] EN
[54] **BAGLESS VACUUM CLEANER**
AND DIRT COLLECTION ASSEMBLY
[54] **ASPIRATEUR SANS SAC ET**
COLLECTEUR A DETRITUS
[72] SHANOR, MICHAEL J., US
[72] PULLINS, ALAN T., US
[71] MATSUSHITA ELECTRIC
CORPORATION OF AMERICA, US
[22] 2004-08-30
[41] 2005-02-28
[30] US (60/499,131) 2003-08-29

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[13] A1
[51] **Int.Cl. 7E21B 43/04**
[25] EN
[54] **GRAVEL PACKING A WELL**
[54] **BOURRAGE D'UN Puits DE**
FORAGE PAR DU GRAVIER
[72] LANGLAIS, MICHAEL D., US
[72] KHAN, BRUNO, US
[72] WANG, DAVID WEI, US
[71] SCHLUMBERGER CANADA
LIMITED, CA
[22] 2004-08-30
[41] 2005-03-03
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[13] A1

[51] **Int.Cl. 7B65D 30/08 7B32B 27/10 7B32B 27/32 7B65D 85/72**
[25] EN
[54] **LAMINATED PET FOOD BAG POUR ANIMAUX FAMILIERS**
[72] COCOZZA, DAVID D., US
[71] HUHTAMAKI CONSUMER PACKAGING, INC., US
[22] 2004-08-30
[41] 2005-03-03
[30] US (10/654,078) 2003-09-03

[21] **2,479,482**
[13] A1

[51] **Int.Cl. 7B64C 25/42 7B60T 8/40**
[25] EN
[54] **AIRCRAFT LANDING GEAR D'AERONEF**
[72] SEUNG, TAEHUN, DE
[71] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE
[22] 2004-08-30
[41] 2005-03-03
[30] DE (DE 103 40 650.6) 2003-09-03

[21] **2,479,484**
[13] A1

[51] **Int.Cl. 7B65F 1/10 7B65F 1/06 7B65F 1/14**
[25] EN
[54] **AUTOMATED TWIST DIAPER DISPOSAL APPARATUS**
[54] **DISPOSITIF AUTOMATIQUE DE MISE AU REBUT DE COUCHES PAR TORSION**
[72] CHOMIK, RICHARD S., US
[71] PLAYTEX PRODUCTS, INC., US
[22] 2004-08-30
[41] 2005-03-02
[30] US (60/499,443) 2003-09-02

[21] **2,479,486**
[13] A1

[51] **Int.Cl. 7C01G 49/02 7C09C 1/24 7C01B 13/36**
[25] EN
[54] **PROCESS FOR PREPARING YELLOW IRON OXIDE PIGMENTS WITH CaCO3 PRECIPITANT**
[54] **METHODE DE PREPARATION DE PIGMENTS D'OXYDE DE FER JAUNE A L'AIDE D'UN AGENT PRECIPITANT DE CARBONATE DE CALCIUM (CaCO3)**
[72] BRUNN, HORST, DE
[72] MEISEN, ULRICH, DE
[72] VAN BONN, KARL-HEINZ, DE
[72] FRIEDRICH, HOLGER, DE
[71] BAYER CHEMICALS AG, DE
[22] 2004-08-30
[41] 2005-03-03
[30] DE (10340501.1) 2003-09-03
[30] DE (10350278.5) 2003-10-28

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[13] A1

[51] **Int.Cl. 7E04F 15/00 7C08J 5/00 7C08L 33/02 7C08L 23/08 7C08L 33/12**
[25] EN
[54] **NON-VINYL FLOORING AND METHOD FOR MAKING SAME**
[54] **REVETEMENT DE SOL AUTRE QU'EN VINYLE ET METHODE DE FABRICATION**
[72] LAN, DAVID, US
[72] PEARSON, JOHN, US
[72] OSHILAJA, RISI, US
[71] CONGOLEUM CORPORATION, US
[22] 2004-08-30
[41] 2005-02-28
[30] US (10/653,006) 2003-08-28

[21] **2,479,496**
[13] A1

[51] **Int.Cl. 7B60R 9/055 7B60J 7/20**
[25] EN
[54] **ROOF BOX MEMBER AND ROOF SYSTEM MODULE WITH INTEGRATED ROOF BOX MEMBER**
[54] **CORPS DE DOME ET MODULE DE DOME AVEC CORPS DE DOME INTEGRE**
[72] OZKOK, KERIM, DE
[72] KONIG, MICHAEL, DE
[72] LUDWIG, HANS-JOACHIM, DE
[71] DECOMA (GERMANY) GMBH, DE
[22] 2004-08-31
[41] 2005-03-01
[30] DE (10340746.4) 2003-09-01

[21] **2,479,507**
[13] A1

[51] **Int.Cl. 7C22C 19/05 7C22C 38/44**
[25] EN
[54] **AGE-HARDENABLE, CORROSION RESISTANT NI-CR-MO ALLOYS**
[54] **ALLIAGES DE NI-CR-MO DURCISSABLES PAR VIEILLISSEMENT ET RESISTANTS A LA CORROSION**
[72] PIKE, LEE M., JR., US
[71] HAYNES INTERNATIONAL, INC., US
[22] 2004-08-27
[41] 2005-03-05
[30] US (10/656,010) 2003-09-05

[21] **2,479,554**
[13] A1

[51] **Int.Cl. 7E21B 10/46**
[25] EN
[54] **COATED DIAMONDS FOR USE IN IMPREGNATED DIAMOND BITS**
[54] **DIAMANTS A REVETEMENT POUR TREPANS DIAMANTES**
[72] OLDHAM, THOMAS W., US
[72] BEATON, TIMOTHY P., US
[71] SMITH INTERNATIONAL, INC., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (60/498,543) 2003-08-28
[30] US (10/928,914) 2004-08-26

[21] **2,479,559**
[13] A1

[51] **Int.Cl. 7B32B 21/14 7D21J 1/16**
[25] EN
[54] **CONTAINER FLOORING MATERIAL AND METHOD OF MANUFACTURE**
[54] **MATERIAU POUR PLANCHER DE CONTENEUR, ET METHODE DE FABRICATION**
[72] WELLWOOD, ROB, CA
[72] JIANG, SHENXUE, CA
[72] ZHANG, QISHENG, CA
[72] CHEN, LIHENG, CA
[71] ALBERTA RESEARCH COUNCIL INC., CA
[22] 2004-08-27
[41] 2005-02-27
[30] CN (031528414) 2003-08-27

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[21] **2,479,562**
[13] A1

[51] **Int.Cl. 7E21B 37/00**
[25] EN
[54] **DOWNHOLE OILFIELD EROSION PROTECTION BY USING DIAMOND**
[54] **DISPOSITIF ANTI-EROSION DE FOND DE TROU DE Puits DE FORAGE DE PETROLE COMPRENANT L'UTILISATION DE DIAMANTS**
[72] RAVENSBERGEN, JOHN, CA
[72] LAMBERT, MITCHELL D., CA
[71] RAVENSBERGEN, JOHN, CA
[71] LAMBERT, MITCHELL D., CA
[22] 2004-08-27
[41] 2005-02-28
[30] US (60/499,090) 2003-08-29

[21] **2,479,563**
[13] A1

[51] **Int.Cl. 7A47G 25/14 7G09F 3/00**
[25] EN
[54] **HANGER WITH INFORMATION TAB**
[54] **ETRIER AVEC ONGLET D'INFORMATION**
[72] GOLDMAN, ALLAN JOEL, US
[71] UNIPLAST INDUSTRIES, INC., US
[22] 2004-08-27
[41] 2005-03-04
[30] US (10/655,646) 2003-09-04

[21] **2,479,567**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR DYNAMIC WEB DISPLAY**
[54] **METHODE ET SYSTEME D'AFFICHAGE WEB DYNAMIQUE**
[72] MARSHALL, JOHN, CA
[71] INOVENTIV (CANADA) CORP., CA
[22] 2004-08-27
[41] 2005-02-27
[30] US (60/497,915) 2003-08-27

[21] **2,479,569**
[13] A1

[51] **Int.Cl. 7C12N 15/82 7C07H 21/00 7C12N 9/00 7C12N 15/29 7C12Q 1/68 7C12N 15/90**
[25] EN
[54] **A NOVEL TRANSPOSON-LIKE ELEMENT**
[54] **ELEMENT NOUVEAU SEMBLABLE A UN TRANSPOSON**
[72] TOMITA, MOTONORI, JP
[71] TOTTORI UNIVERSITY, JP
[22] 2004-08-27
[41] 2005-02-28
[30] JP (2003-307,234) 2003-08-29

[21] **2,479,584**
[13] A1

[51] **Int.Cl. 7E04C 2/24 7E04F 13/00 7E04F 15/00**
[25] EN
[54] **PANEL WITH PROTECTED V-JOINT**
[54] **PANNEAU A JOINT EN V PROTEGE**
[72] SCHITTER, LEONHARD, AT
[71] M. KAINDL, AT
[22] 2004-08-31
[41] 2005-03-05
[30] DE (203 13661.6) 2003-09-05

[21] **2,479,586**
[13] A1

[51] **Int.Cl. 7C08F 212/02 7C08J 5/00 7C08J 9/00 7C08F 212/08 7C08F 212/36**
[25] EN
[54] **POROUS RESIN BEAD AND PRODUCTION METHOD THEREOF**
[54] **BILLE DE RESINE POREUSE ET METHODE DE PRODUCTION CONNEXE**
[72] KONISHI, TATSUYA, JP
[72] MORI, KENJIRO, JP
[72] MATSUNAWA, AYAKO, JP
[71] NITTO DENKO CORPORATION, JP
[22] 2004-08-27
[41] 2005-02-28
[30] JP (307671/2003) 2003-08-29

[21] **2,479,589**
[13] A1

[51] **Int.Cl. 7C07F 1/02 7H01M 10/36**
[25] EN
[54] **POLYFLUORINATED BORON CLUSTER ANIONS FOR LITHIUM ELECTROLYTES**
[54] **ANIONS DE CLUSTER DE BORE POLYFLUORE POUR ELECTROLYTES AU LITHIUM**
[72] IVANOV, SERGEI VLADIMIROVICH, US
[72] CASTEEL, WILLIAM JACK, JR., US
[72] ULMAN, MICHAEL, US
[72] PEZ, GUIDO PETER, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2004-08-31
[41] 2005-03-04
[30] US (10/655,476) 2003-09-04
[30] US (10/924,293) 2004-08-23

[21] **2,479,599**
[13] A1

[51] **Int.Cl. 7F16L 55/04 7F16L 55/033 7B62D 5/06**
[25] EN
[54] **METHOD AND APPARATUS FOR REDUCTION OF FLUID-BORNE NOISE IN HYDRAULIC SYSTEMS**
[54] **METHODE ET DISPOSITIF DE REDUCTION DU BRUIT VEHICULE PAR DES FLUIDES DE SYSTEMES HYDRAULIQUES**
[72] CASTALDI, THOMAS E., US
[72] SINCLAIR, DARYL A., US
[72] KRIEGER, CLIFFORD P., US
[72] BEATTY, JAMES P., US
[72] DAVIS, MYLES E., US
[71] DANA CORPORATION, US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/652,103) 2003-08-29

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[21] **2,479,612**
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 15/16 7G06F 17/30**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING ATTRIBUTES OF A COLLABORATION SYSTEM IN AN OPERATING SYSTEM FOLDER-BASED FILE SYSTEM**
[54] **METHODE ET APPAREIL PERMETTANT D'ETABLIR DES ATTRIBUTS DE COLLABORATION DANS UNE STRUCTURE DE FICHIERS A DOSSIERS D'UN SYSTEME D'EXPLOITATION**
[72] MOROMISATO, GEORGE P., US
[72] PATEY, ERIC M., US
[72] TAYLOR-PARIS, PAMELA J., US
[72] HALVORSEN, PATRICK M., US
[72] OZZIE, RAYMOND E., US
[72] SZAMREJ, MARK R., US
[72] SHEKHEL, JERRY J., US
[72] KLABISH, GREGORY S., US
[71] GROOVE NETWORKS, INC., US
[22] 2004-08-31
[41] 2005-03-05
[30] US (10/656,904) 2003-09-05

[21] **2,479,613**
[13] A1

[51] **Int.Cl. 7C07C 257/10 7A61K 31/13 7C07C 257/16 7C07C 257/22**
[25] EN
[54] **NOVEL ADAMANTANE DERIVATIVES WITH NEUROPROTECTIVE, ANTIDEPRESSANT AND ANTI-ISCHAEMIC ACTIVITIES, AND PROCESS FOR PREPARING THEM**
[54] **NOUVEAUX DERIVES D'ADAMANTANE POSSEDANT DES PROPRIETES D'AGENTS NEUROPROTECTEURS, ANTIDEPRESSIFS ET ANTI-ISCHÉMIQUES, ET METHODE DE PREPARATION CONNEXE**
[72] ZANZOLA, SIMONA, IT
[72] MAKOVEC, FRANCESCO, IT
[72] ARTUSI, ROBERTO, IT
[72] ROVATI, LUCIO CLAUDIO, IT
[71] ROTTA RESEARCH LABORATORIUM S.P.A., IT
[22] 2004-08-31
[41] 2005-03-02
[30] IT (TO2003A000668) 2003-09-02

[21] **2,479,617**
[13] A1

[51] **Int.Cl. 7B60R 9/04**
[25] EN
[54] **ROOF SYSTEM MODULE OF A VEHICLE HAVING INTEGRATED FASTENING MEANS**
[54] **MODULE DE SYSTEME DE TOIT D'UN VEHICULE AVEC DISPOSITIF DE FIXATION INTEGRE**
[72] OZKOK, KERIM, DE
[72] LUDWIG, HANS-JOACHIM, DE
[72] KONIG, MICHAEL, DE
[71] DECOMA (GERMANY) GMBH, DE
[22] 2004-08-31
[41] 2005-03-01
[30] DE (1034745.6) 2003-09-01

[21] **2,479,622**
[13] A1

[51] **Int.Cl. 7H01Q 1/32 7H01Q 1/12**
[25] EN
[54] **SUPPORT MEMBER WITH INTEGRATED ANTENNA STRUCTURE**
[54] **ELEMENT DE BASE A SUPPORT D'ANTENNE INTEGRE**
[72] SCHAFFER, MARKUS, DE
[72] FLAIG, JOACHIM, DE
[72] KUHN, MARTIN, DE
[72] PFLETSCHINGER, MARKUS, DE
[72] LUDWIG, HANS-JOACHIM, DE
[72] BRUNNER, ANDREAS, DE
[72] LACHENMAIER, AXEL, DE
[71] DECOMA (GERMANY) GMBH, DE
[71] HIRSCHMANN ELECTRONICS GMBH & CO KG, DE
[22] 2004-08-31
[41] 2005-03-01
[30] DE (10340590.9) 2003-09-01

[21] **2,479,635**
[13] A1

[51] **Int.Cl. 7B62D 33/06 7B60P 3/38**
[25] EN
[54] **A MODULAR CAB, SLEEPER AND ROOF STRUCTURAL ASSEMBLY FOR A TRUCK-TRACTOR VEHICLE**
[54] **ENSEMBLE DE CABINE MODULAIRE, DE CABINE COUCHETTE ET DE STRUCTURE DE TOIT POUR VEHICULE PORTEUR-TRACTEUR**
[72] MYERS, LINTON DAVID, US
[72] NIGAY, BERNARD, FR
[72] ADAMS, DAVID SCOTT, US
[72] MORIAUX, ROLAND PIERRE, FR
[71] MACK TRUCKS, INC., US
[22] 2004-08-31
[41] 2005-03-03
[30] US (10/653,290) 2003-09-03

[21] **2,479,646**
[13] A1

[51] **Int.Cl. 7B65D 30/08 7B65B 43/02 7B65D 85/36**
[25] EN
[54] **BAKERY BAG AND METHOD AND APPARATUS FOR MAKING THE SAME**
[54] **SAC A PRODUITS DE BOULANGERIE-PATISSERIE ET DISPOSITIF DE FABRICATION**
[72] FRIEDMAN, HERSHEY, CA
[71] FRIEDMAN, HERSHEY, CA
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/649,831) 2003-08-28

[21] **2,479,706**
[13] A1

[51] **Int.Cl. 7A61M 39/22 7A61M 1/00**
[25] EN
[54] **IMPLANTABLE PUMP WITH ADJUSTABLE FLOW RATE**
[54] **POMPE IMPLANTABLE A DEBIT REGLABLE**
[72] ROSENBERG, MEIR, US
[72] MACBRIDE, DOUGLAS, US
[71] CODMAN & SHURTLEFF, INC., US
[22] 2004-08-31
[41] 2005-03-05
[30] US (10/656,600) 2003-09-05

[21] **2,479,707**
[13] A1

[51] **Int.Cl. 7A61M 1/36**
[25] EN
[54] **BLOOD SEPARATION APPARATUS AND METHOD OF USING THE SAME**
[54] **APPAREIL POUR LA SEPARATION DU SANG ET METHODE D'UTILISATION CONNEXE**
[72] GARA, STEVE, US
[72] BRIGGS, DENNIS, US
[71] THERAKOS, INC., US
[22] 2004-08-31
[41] 2005-03-03
[30] US (10/654,794) 2003-09-03

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[13] A1
[51] **Int.Cl. 7B65D 33/14 7B65D 30/10**
[25] EN
[54] **SYNTHETIC RESIN BAG**
[54] **SAC EN RESINE SYNTHETIQUE**
[72] TSUTSUMI, YOJI, JP
[71] IMEX CO., LTD., JP
[22] 2004-08-26
[41] 2005-02-27
[30] JP (2003-303273) 2003-08-27
[30] JP (2004-067587) 2004-03-10

[21] **2,479,866**
[13] A1
[51] **Int.Cl. 7A61M 1/00 7A61M 1/36**
[25] EN
[54] **CONTROL SYSTEM FOR DRIVING FLUIDS THROUGH AN EXTRACORPOREAL BLOOD CIRCUIT**
[54] **SYSTEME DE CONTROLE POUR FAIRE PASSER DES FLUIDES DANS UN CIRCUIT SANGUIN EXTRA-CORPOREL**
[72] GARA, STEVE, US
[72] O'HARA, GERALD P., US
[72] MARTIN, SCOTT P., US
[72] BRIGGS, DENNIS, US
[72] HUTCHINSON, MIKE, US
[72] THOME, CHRISTIAN E., US
[71] THERAKOS, INC., US
[22] 2004-08-31
[41] 2005-03-03
[30] US (10/654,670) 2003-09-03

[21] **2,479,867**
[13] A1
[51] **Int.Cl. 7A01D 46/00 7A01D 45/00**
[25] EN
[54] **BERRY HARVESTER**
[54] **CUEILLEUSE DE PETIT FRUITS**
[72] EMERSON, ZANE, US
[71] EMERSON, ZANE, US
[22] 2004-09-01
[41] 2005-03-05
[30] US (10/656,723) 2003-09-05

[21] **2,479,868**
[13] A1
[51] **Int.Cl. 7F21V 21/10**
[25] EN
[54] **LIGHT FIXTURE**
[54] **APPAREIL D'ECLAIRAGE**
[72] BRICK, RONALD E., CA
[71] BRICK, RONALD E., CA
[22] 2004-09-01
[41] 2005-03-02
[30] US (60/499,019) 2003-09-02

[21] **2,479,870**
[13] A1
[51] **Int.Cl. 7G02B 1/00 7H01K 1/00**
[25] EN
[54] **INFRARED REFLECTOR AND INFRARED RADIATOR HAVING SUCH AN INFRARED REFLECTOR**
[54] **REFLECTEUR INFRAROUGE ET RADIATEUR INFRAROUGE MUNI DE CE REFLECTEUR INFRAROUGE**
[72] SCHMIDT, HANS-JOACHIM, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2004-09-01
[41] 2005-03-05
[30] DE (103 41 503.3) 2003-09-05

[21] **2,479,871**
[13] A1
[51] **Int.Cl. 7G02B 1/00 7G02B 5/26 7H01K 1/32**
[25] EN
[54] **INFRARED REFLECTOR AND INFRARED RADIATOR HAVING AN INFRARED REFLECTOR**
[54] **REFLECTEUR INFRAROUGE ET RADIATEUR INFRAROUGE MUNI D'UN REFLECTEUR INFRAROUGE**
[72] SCHMIDT, HANS-JOACHIM, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2004-09-01
[41] 2005-03-05
[30] DE (103 41 502.5) 2003-09-05

[21] **2,479,971**
[13] A1
[51] **Int.Cl. 7G08C 17/02**
[25] EN
[54] **SEQUENCE INVERSION KEYED COUNTDOWN TIMER UTILIZED WITHIN A UTILITY METER SYSTEM**
[54] **MINUTERIE DE DECOMPTAGE A MANIPULATION PAR INVERSION DE SEQUENCE UTILISEE DANS UN SYSTEME DE COMPTEURS DE SERVICE PUBLIC**
[72] OSTERLOH, CHRISTOPHER L., US
[72] NAGY, CHRISTOPHER, US
[71] ITRON, INC., US
[22] 2004-09-01
[41] 2005-03-05
[30] US (60/500,479) 2003-09-05
[30] US (10/900,993) 2004-07-28

[21] **2,479,973**
[13] A1
[51] **Int.Cl. 7B23K 9/12 7B23K 9/095 7B23K 9/24**
[25] EN
[54] **VOLTAGE REGULATED GMAW WELDING USING A CONSTANT CURRENT POWER SOURCE AND WIRE FEEDER HAVING VARIABLE GAIN**
[54] **SOUDAGE GMAW A REGULATION DE TENSION UTILISANT UNE SOURCE DE COURANT CONSTANT ET UN ALIMENTATEUR EN FIL A GAIN VARIABLE**
[72] OTT, BRIAN L., US
[72] IHDE, JEFFERY R., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-09-01
[41] 2005-03-02
[30] US (10/605,022) 2003-09-02
[30] US (10/709,781) 2004-05-27

[21] **2,479,975**
[13] A1
[51] **Int.Cl. 7A61M 5/00**
[25] EN
[54] **TOOL FOR USE WITH A MEDICATION VIAL AND/OR A SYRINGE**
[54] **OUTIL POUR UTILISATION AVEC UN FLACON DE MEDICAMENT OU UNE SERINGUE**
[72] LYMAN, SCOTT D., US
[71] AMGEN, INC., US
[22] 2004-09-01
[41] 2005-03-03
[30] US (60/499,829) 2003-09-03

[21] **2,479,977**
[13] A1
[51] **Int.Cl. 7G08C 17/02**
[25] EN
[54] **DATA COMMUNICATION PROTOCOL IN AN AUTOMATIC METER READING SYSTEM**
[54] **PROTOCOLE DE TRANSMISSION DE DONNEES POUR SYSTEME DE LECTURE AUTOMATIQUE DE COMPTEURS**
[72] OSTERLOH, CHRISTOPHER L., US
[72] NAGY, CHRISTOPHER, US
[71] ITRON, INC., US
[22] 2004-09-01
[41] 2005-03-05
[30] US (60/500,550) 2003-09-05
[30] US (10/915,706) 2004-08-10

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[21] **2,479,982**
[13] A1

[51] **Int.Cl. 7A01G 23/14 7A01G 23/10**
[25] EN
[54] **SELF-PIERCING SPOUT**
[54] **GOUDRILLE A AUTO-PERCAGE**
[72] LABRECQUE, LAURIER, CA
[71] LABRECQUE, LAURIER, CA
[22] 2004-09-01
[41] 2005-03-04
[30] CA (2,439,494) 2003-09-04

[21] **2,480,040**
[13] A1

[51] **Int.Cl. 7B65H 39/06 7B65G 47/52 7B65G 47/88**
[25] EN
[54] **ENCLOSURE-COLLATING DEVICE, IN PARTICULAR FOR MAIL-PROCESSING INSTALLATIONS**
[54] **DISPOSITIF A COMPARTIMENTS DE COLLECTE, EN PARTICULIER POUR INSTALLATIONS DE TRAITEMENT DU COURRIER**
[72] BOTSCHKEK, CHRISTIAN, DE
[72] STING, MARTIN, DE
[71] PITNEY BOWES DEUTSCHLAND GMBH, DE
[22] 2004-08-27
[41] 2005-03-01
[30] DE (103 40 220.9) 2003-09-01

[21] **2,480,042**
[13] A1

[51] **Int.Cl. 7A61K 7/50 7C11D 1/02 7A61K 7/48**
[25] EN
[54] **MILD AND EFFECTIVE CLEANSING COMPOSITIONS**
[54] **COMPOSITIONS DE NETTOYANT DOUX ET EFFICACE**
[72] EKNOIAN MICHAEL W., US
[72] MARTIN, ALISON, US
[72] LUKENBACK, ELVIN R., US
[72] GANOPOLSKY, IRINA, US
[72] LIBRIZZI, JOSEPH, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[22] 2004-08-27
[41] 2005-02-28
[30] US (10/650,398) 2003-08-28

[21] **2,480,071**
[13] A1

[51] **Int.Cl. 7H01M 8/04**
[25] EN
[54] **REACTION GAS TEMPERATURE AND HUMIDITY REGULATING MODULE FOR FUEL CELL STACK**
[54] **MODULE DE REGULATION DE LA TEMPERATURE ET DE L'HUMIDITE DU GAZ DE REACTION POUR PILE A COMBUSTIBLE**
[72] LI, YINGHENG JAMES, TW
[72] KAO, MIKE PEN-MU, US
[72] YANG, JEFFERSON YS, US
[71] ASIA PACIFIC FUEL CELL TECHNOLOGIES, LTD., TW
[22] 2004-09-03
[41] 2005-03-05
[30] TW (92124547) 2003-09-05

[21] **2,480,129**
[13] A1

[51] **Int.Cl. 7G02F 1/133 7G09G 3/36**
[25] EN
[54] **LIQUID CRYSTAL DISPLAY DEVICE AND METHOD OF CONTROLLING DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES ET METHODE DE COMMANDE DE L'AFFICHAGE**
[72] NODA, YUKIHIKO, JP
[71] DENSO CORPORATION, JP
[22] 2004-09-01
[41] 2005-03-02
[30] JP (2003-310505) 2003-09-02

[21] **2,480,131**
[13] A1

[51] **Int.Cl. 7F16B 35/04 7F16B 35/06**
[25] EN
[54] **SELF-SECURING FASTENER**
[54] **FIXATION A AUTO-ARRIMAGE**
[72] MILLER, STEPHEN G., US
[71] MACK TRUCKS, INC., US
[22] 2004-09-03
[41] 2005-03-04
[30] US (60/499,724) 2003-09-04

[21] **2,480,139**
[13] A1

[51] **Int.Cl. 7A23K 1/00**
[25] EN
[54] **PET FOOD**
[54] **ALIMENTS POUR ANIMAUX FAMILIERS**
[72] OOSHIMA, AKIRA, JP
[72] UMEDA, TOMOSHIGE, JP
[72] SUZUKI, JUNKO, JP
[72] SHIMOTOYODOME, AKIRA, JP
[71] KAO CORPORATION, JP
[22] 2004-09-02
[41] 2005-03-05
[30] JP (2003-314812) 2003-09-05

[21] **2,480,144**
[13] A1

[51] **Int.Cl. 7C08G 73/10 7C08J 5/00 7C08L 79/08**
[25] EN
[54] **RTM AND RI PROCESSABLE POLYIMIDE RESINS**
[54] **RESINES POLYIMIDES POUVANT ETRE TRAITEES PAR LES PROCEDES RTM (MOULAGE PAR INJECTION DE RESINE) ET RI (INFUSION DE RESINE)**
[72] DEETS, GARY L., US
[72] XIONG, JIANMING, US
[71] I.S.T. (MA) CORPORATION, US
[22] 2004-09-02
[41] 2005-03-02
[30] US (60/499,849) 2003-09-02

[21] **2,480,145**
[13] A1

[51] **Int.Cl. 7H03M 13/00 7H04B 1/00 7H04L 1/00**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING SHORT BLOCK LENGTH LOW DENSITY PARITY CHECK (LDPC)**
[54] **METHODE ET SYSTEME FOURNISSANT UN CONTROLE DE PARITE A FAIBLE DENSITE ET A COURTE LONGUEUR DE BLOCS**
[72] EROZ, MUSTAFA, US
[72] SUN, FENG-WEN, US
[72] LEE, LIN-NAN, US
[71] THE DIRECTV GROUP, INC., US
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[41] 2005-03-04
[30] US (60/500,109) 2003-09-04
[30] US (60/514,683) 2003-10-27
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[13] A1
[51] **Int.Cl. 7H03K 9/08 7H03K 3/017**
[25] EN
[54] **METHOD AND SYSTEM FOR POWER SUPPLY CONTROL USING A FIXED-FREQUENCY PULSE WIDTH MODULATION CONTROL CIRCUIT**
[54] **METHODE ET SYSTEME DE COMMANDE D'ALIMENTATION AU MOYEN D'UN CIRCUIT DE COMMANDE DE MODULATION D'IMPULSIONS EN DUREE A FREQUENCE FIXE**
[72] PIERCE, JASON C., US
[71] ARRIS INTERNATIONAL, INC., US
[22] 2004-09-02
[41] 2005-03-02
[30] US (60/499,407) 2003-09-02

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[54] **DOWNHOLE CUTTING MILL**
[54] **DISPOSITIF DE COUPE ET DE TRAITEMENT DE FOND**
[72] CHRISTANSEEN, JOERG, DE
[72] PETERS, VOLKER, DE
[72] KRUEGER, VOLKER, DE
[72] KRUEGER, SVEN, DE
[72] GRIMMER, HARALD, DE
[71] BAKER HUGHES INCORPORATED, US
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[51] **Int.Cl. 7A47L 13/40 7C09D 183/00 7C09J 183/00 7A47L 25/00 7C09J 7/04 7B32B 7/10**
[25] EN
[54] **ADHESIVE ROLLER**
[54] **ROULEAU ADHESIF**
[72] MCKAY, NICHOLAS D., JR., US
[72] SCHMIDT, MARK, US
[71] THE EVERCARE COMPANY, US
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[13] A1
[51] **Int.Cl. 7H03M 13/00 7H04B 1/00 7H04L 1/00**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING SHORT BLOCK LENGTH LOW DENSITY PARITY CHECK (LDPC) CODES IN SUPPORT OF BROADBAND SATELLITE APPLICATIONS**
[54] **METHODE ET SYSTEME FOURNISSANT DES CODES DE CONTROLE DE PARITE A FAIBLE DENSITE ET A COURTE LONGUEUR DE BLOCS POUR APPLICATIONS DE COMMUNICATIONS SATELLITAIRES A LARGE BANDE**
[72] LEE, LIN-NAN, US
[72] SUN, FENG-WEN, US
[72] EROZ, MUSTAFA, US
[71] THE DIRECTV GROUP, INC., US
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[41] 2005-03-04
[30] US (60/500,109) 2003-09-04
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[13] A1
[51] **Int.Cl. 7B01D 17/038 7B04B 7/02 7A61M 1/36**
[25] EN
[54] **IMPROVED APPARATUS FOR THE CONTINUOUS SEPARATION OF BIOLOGICAL FLUIDS INTO COMPONENTS AND METHOD OF USING SAME**
[54] **APPAREIL AMELIORE POUR LA SEPARATION CONTINUE DES LIQUIDES BIOLOGIQUES DANS DES COMPOSANTS, ET METHODE D'UTILISATION**
[72] BRIGGS, DENNIS, US
[72] GARA, STEVE, US
[72] WATTERS, TOM, US
[72] HUTCHINSON, MIKE, US
[71] THERAKOS, INC., US
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[51] **Int.Cl. 7A61M 27/00 7A61M 39/22**
[25] EN
[54] **METHOD AND APPARATUS FOR MANAGING NORMAL PRESSURE HYDROCEPHALUS**
[54] **METHODE ET APPAREIL DE TRAITEMENT DE L'HYDROCEPHALIE A PRESSION NORMALE**
[72] MEIR, ROSENBERG, US
[71] CODMAN & SHURTLEFF, INC., US
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[13] A1
[51] **Int.Cl. 7H04L 12/16 7H04L 9/00 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURELY AUTHORIZING AND DISTRIBUTING STORED-VALUE CARD DATA**
[54] **SYSTEME ET METHODE D'AUTORISATION ET DE DISTRIBUTION SECURISEES DES DONNEES CONTENUES SUR UNE CARTE A VALEUR ENREGISTREE**
[72] SMITH, MERRILL BROOKS, US
[72] GRAVES, PHILLIP CRAIG, US
[71] E2INTERACTIVE, INC. D/B/A E2INTERACTIVE, INC., US
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[30] US (10/655,828) 2003-09-05

[21] **2,480,369**
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[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **SIDE BRANCH STENT WITH SPLIT PROXIMAL END**
[54] **ENDOPROTHESE POUR RAMIFICATION LATERALE AVEC EXTREMITÉ PROXIMALE FOURCHUE**
[72] FISCHHELL, DAVID R., US
[72] BURGERMEISTER, ROBERT, US
[72] FISCHHELL, TIM A., US
[72] GRISHABER, RANDY-DAVID BURCE, US
[71] CORDIS CORPORATION, US
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[54] **LARYNGEAL MASK**
[54] **MASQUE LARYNGE**
[72] COOK, DANIEL J., US
[71] COOKGAS, LLC, US
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[51] **Int.Cl. 7E21B 33/16**
[25] EN
[54] **WIPER PLUG WITH PACKER**
[54] **BOUCHON DE CIMENTATION**
AVEC GARNITURE D'ETANCHEITE
[72] TESSIER, LYNN P., CA
[72] WEBER, JAMES L., CA
[72] DOYLE, JOHN P., CA
[71] MSI MACHINEERING SOLUTIONS
INC., TC
[22] 2004-09-03
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[25] EN
[54] **IN SITU MOLDED THERMAL**
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[54] **ISOLANTS THERMIQUES**
MOULES SUR PLACE
[72] HURLEY, WILLIAM J., JR., US
[72] SHAPIRO, LAWRENCE, US
[72] TENNENHOUSE, LAURA A., US
[72] SUN, XIUDONG, US
[72] MORGAN, MICHAEL D., US
[72] BABLOUZIAN, LEON, US
[72] ALDYKIEWICZ, ANTONIO J., JR., US
[72] WIERCINSKI, ROBERT A., US
[72] DAIR, BENITA, US
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[13] A1

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[25] EN
[54] **ARTICLE HANDLING**
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[54] **APPAREIL DE MANUTENTION**
D'ARTICLES
[72] WHITE, DAVID PETER, AU
[72] HEDLEY, ROBERT IAN, AU
[72] WHYBIN, CHRISTOPHER NASH, AU
[71] JUSTOY PTY LTD., AU
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[41] 2005-03-04
[30] AU (2003904805) 2003-09-04

[21] **2,480,380**
[13] A1

[51] **Int.Cl. 7C08L 79/08 7C08J 5/00**
[25] EN
[54] **A STABILIZER AGAINST**
HYDROLYSIS FOR AN ESTER-GROUP-
CONTAINING RESIN AND A
THERMOPLASTIC RESIN
COMPOSITION
[54] **STABILISANT INHIBITEUR**
D'HYDROLYSE POUR RESINE
CONTENANT UN GROUPE ESTER ET
COMPOSITION DE RESINE
THERMOPLASTIQUE
[72] YANAGISAWA, KEN-ICHI, JP
[72] IIDA, HIROTAKA, JP
[72] TAKAHASHI, IKUO, JP
[71] NISSHINBO INDUSTRIES, INC., JP
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[51] **Int.Cl. 7B01F 5/06**
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[54] **FLUID MIXING DEVICE AND**
DISPENSING SYSTEM
[54] **MELANGEUR DE FLUIDE ET**
SYSTEME DE DISTRIBUTION
[72] BAILEY, THOMAS K., US
[72] LOEB, ROBERT D., US
[71] SUNBEAM PRODUCTS, INC., US
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[30] US (10/655,286) 2003-09-04

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[25] EN
[54] **CURRENT DENSITY IMPEDANCE**
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[54] **IMAGERIE D'IMPEDANCE A**
DENSITE DE COURANT
[72] NACHMAN, ADRIAN, CA
[72] YOON, RICHARD S., CA
[72] HASANOV, KARSHI F., CA
[72] JOY, MICHAEL L. G., CA
[71] NACHMAN, ADRIAN, CA
[71] YOON, RICHARD S., CA
[71] HASANOV, KARSHI F., CA
[71] JOY, MICHAEL L. G., CA
[22] 2004-09-03
[41] 2005-03-04
[30] US (60/499,734) 2003-09-04

[21] **2,480,522**
[13] A1

[51] **Int.Cl. 7A47G 25/24**
[25] EN
[54] **GARMENT HANGER**
[54] **CINTRE**
[72] WIEBE, JACOB R., CA
[71] WIEBE, JACOB R., CA
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[30] US (60/499,020) 2003-09-02

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[51] **Int.Cl. 7F16B 12/10 7A61G 17/00**
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[54] **CASKET ORNAMENT**
ATTACHMENT SYSTEM AND
METHOD
[54] **SYSTEME ET METHODE DE**
FIXATION D'ORNEMENTS SUR UN
CERCUEIL
[72] SCHULTZ, CRAIG HARLAND, US
[71] SCHULTZ, CRAIG HARLAND, US
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[41] 2005-03-04
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[13] A1

[51] **Int.Cl. 7B26F 1/10 7B65H 20/02 7B41F 17/08**
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[54] **SYSTEM OF PUNCHING OR PRINTING**
[54] **SYSTEME DE POINCONNAGE OU D'IMPRESSION**
[72] BARTESAGHI, ANGELO, IT
[71] OMET S.R.L., IT
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[41] 2005-03-04
[30] IT (MI2003A001703) 2003-09-04
[30] EP (04013213.6) 2004-06-04

[21] **2,480,565**
[13] A1

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[25] EN
[54] **ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT**
[72] POCCIA, JOHN F., III, US
[72] BEAUFORD, SHANAE D., US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES INC., US
[22] 2004-09-03
[41] 2005-03-05
[30] US (10/656,428) 2003-09-05

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[13] A1

[51] **Int.Cl. 7A61M 1/36**
[25] EN
[54] **METHOD FOR COLLECTING A DESIRED BLOOD COMPONENT AND PERFORMING A PHOTOPHERESIS TREATMENT**
[54] **METHODE POUR PRELEVER UN COMPOSANT SANGUIN PRECIS ET POUR EFFECTUER UNE PHOTOPHERESE**
[72] BRIGGS, DENNIS, US
[71] THERAKOS, INC., US
[22] 2004-09-03
[41] 2005-03-03
[30] US (10/654,803) 2003-09-03

[21] **2,480,576**
[13] A1

[51] **Int.Cl. 7C04B 35/536 7E04B 5/48**
[25] EN
[54] **HEAT-CONDUCTING PLATES MADE FROM EXPANDED GRAPHITE AND METHOD FOR THEIR PRODUCTION**
[54] **PLAQUES THERMO-CONDUCTRICES EN GRAPHITE EXPANSE ET METHODE DE PRODUCTION**
[72] KIENBERGER, WOLFGANG, DE
[72] KIPFELSBERGER, CHRISTIAN, DE
[72] NEUERT, RICHARD, DE
[72] GUCKERT, WERNER, DE
[71] SGL CARBON AG, DE
[22] 2004-09-03
[41] 2005-03-04
[30] DE (103 41.255.7) 2003-09-04

[21] **2,480,593**
[13] A1

[51] **Int.Cl. 7H04L 12/22 7H04L 9/00 7H04M 3/00 7H04L 12/14 7H04L 12/24 7H04L 12/66**
[25] EN
[54] **METHOD TO BLOCK UNAUTHORIZED NETWORK TRAFFIC IN A CABLE DATA NETWORK**
[54] **METHODE DE BLOPAGE DU TRAFIC NON AUTORISE DANS UN RESEAU DE TRANSMISSION DE DONNEES PAR CABLE**
[72] DANFORTH, ANDREW, US
[72] GOULD, KENNETH, US
[71] TIME WARNER CABLE, A DIVISION OF TIME WARNER ENTERTAINMENT, US
[22] 2004-09-03
[41] 2005-03-04
[30] US (10/654,667) 2003-09-04

[21] **2,480,603**
[13] A1

[51] **Int.Cl. 7H04B 10/17 7H04B 10/08**
[25] EN
[54] **IMPROVED POWER SUPPLY REJECTION FOR HIGH BANDWIDTH TRANSIMPEDANCE AMPLIFIER CIRCUITS (TIAS)**
[54] **REJECTION AMELIOREE DU BRUIT D'ALIMENTATION POUR CIRCUITS AMPLIFICATEURS A TRANSIMPEDANCE (TIAS) ET LARGE BANDE**
[72] VISOCCHI, PASQUALINO MICHELE, GB
[72] WHITTAKER, EDWARD JOHN WEMYSS, GB
[71] GENNUM CORPORATION, CA
[22] 2004-09-03
[41] 2005-03-05
[30] US (10/654,969) 2003-09-05

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[51] **Int.Cl. 7H04B 10/17 7H04B 10/08**
[25] EN
[54] **TRIODE REGION MOSFET CURRENT SOURCE TO BIAS A TRANSIMPEDANCE AMPLIFIER**
[54] **SOURCE DE COURANT A MOSFET EN REGION TRIODE PERMETTANT DE POLARISER UN AMPLIFICATEUR A TRANSIMPEDANCE**
[72] VISOCCHI, PASQUALINO MICHELE, GB
[71] GENNUM CORPORATION, CA
[22] 2004-09-03
[41] 2005-03-05
[30] US (10/655,461) 2003-09-05

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[13] A1

[51] **Int.Cl. 7H04B 10/17 7H04B 10/08 7H03F 3/08 7H04Q 7/36**
[25] EN
[54] **FULLY INTEGRATED RECEIVED SIGNAL STRENGTH INDICATOR FOR A TRANSIMPEDANCE AMPLIFIER**
[54] **INDICATEUR D'INTENSITE DE SIGNAUX RECUS A INTEGRATION COMPLETE POUR AMPLIFICATEUR A TRANSIMPEDANCE**
[72] VISOCCHI, PASQUALINO MICHELE, GB
[71] GENNUM CORPORATION, CA
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[41] 2005-03-05
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[13] A1

[51] **Int.Cl. 7C10L 1/22 7C10L 1/12 7C10L 1/14 7C10L 1/18**
[25] EN
[54] **STABILISED DIESEL FUEL ADDITIVE COMPOSITIONS**
[54] **COMPOSITIONS D'ADDITIF STABILISE POUR CARBURANT DIESEL**
[72] THOMPSON, RUSSELL MARTIN, GB
[72] CAPROTTI, RINALDO, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[41] 2005-03-05
[30] EP (03255551.8) 2003-09-05

[21] **2,480,621**
[13] A1

[51] **Int.Cl. 7G08C 17/02**
[25] EN
[54] **SYSTEM AND METHOD FOR FAST DETECTION OF SPECIFIC ON-AIR DATA RATE**
[54] **SYSTEME ET METHODE DE DETECTION RAPIDE DE DEBITS DE DONNEES PARTICULIERS EN ONDES**
[72] STRODA, KRIS, US
[72] LARSON, GARY, US
[72] FITZGERALD, AARON, US
[71] ITRON, INC., US
[22] 2004-09-03
[41] 2005-03-05
[30] US (60/500,507) 2003-09-05
[30] US (60/598,158) 2004-08-04
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[13] A1

[51] **Int.Cl. 7G08C 15/02**
[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZING CONTIGUOUS CHANNEL OPERATION WITH CELLULAR REUSE**
[54] **SYSTEME ET METHODE D'OPTIMISATION DE L'EXPLOITATION DE CANAUX CONTIGUS AVEC REUTILISATION DES CELLULES**
[72] HOVELSRUD, NEIL R., US
[72] OSTERLOH, CHRISTOPHER L., US
[71] ITRON, INC., US
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[41] 2005-03-05
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[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **PAYMENT RELEASE SYSTEM**
[54] **SYSTEME D'AUTORISATION DE PAIEMENT**
[72] SANSONE, RONALD P., US
[72] HEIDEN, RICHARD W., US
[72] KETAN, ANUJA S., US
[72] MONSEN, ERIK D.N., US
[71] PITNEY BOWES INC., US
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[30] US (10/656,354) 2003-09-05

[21] **2,481,011**
[13] A1

[51] **Int.Cl. 7F16B 35/06**
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[54] **VIS A TETE FRAISEE PLATE**
[72] DICKE, ROBERT, DE
[71] A-Z AUSRUESTUNG UND ZUBEHOER GMBH & CO. KG, DE
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[30] DE (203 13 819.8) 2003-09-05

[21] **2,481,054**
[13] A1

[51] **Int.Cl. 7A62C 39/00 7A62C 5/00 7A62C 37/08 7A62C 35/60**
[25] EN
[54] **PREACTION FIRE EXTINGUISHING SYSTEM FOR ESFR COLD STORAGE APPLICATIONS**
[54] **SYSTEME D'EXTINCTION D'INCENDIE A PREACTION POUR APPLICATIONS DE STOCKAGE FROID AVEC REPOSE RAPIDE A SUPPRESSION ANTICIPEE**
[72] JACKSON, ELDON D., US
[71] THE VIKING CORPORATION, US
[22] 2004-09-07
[41] 2005-03-05
[30] US (60/500,434) 2003-09-05

[21] **2,486,734**
[13] A1

[51] **Int.Cl. 7E04F 15/04 7E04F 15/02**
[25] EN
[54] **FLOORING SYSTEM FORMED FROM WOOD FLOOR PANELS**
[54] **REVETEMENT DE SOL FORME AVEC DES PANNEAUX EN BOIS**
[72] GIBSON, KELLY, CA
[71] GIBSON, KELLY, CA
[22] 2004-11-03
[41] 2005-03-04

[21] **2,486,778**
[13] A1

[51] **Int.Cl. 7A63F 3/06**
[25] EN
[54] **APPARATUS AND METHOD FOR ENHANCED PRIZE GAMING TICKET**
[54] **APPAREIL ET METHODE DE BONIFICATION DE PRIX SUR UN BILLET DE JEU DE LOTERIE**
[72] HARTE-MAXWELL, LINDA, CA
[72] SCRYMGEOUR, LYLE HAROLD, CA
[71] POLLARD BANKNOTE LIMITED, CA
[22] 2004-12-13
[41] 2005-03-04

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[13] A1
[51] **Int.Cl. 7H05B 33/14 7C09K 11/56**
[25] EN
[54] **OXYGEN SUBSTITUTED BARIUM THIOALUMINATE PHOSPHOR MATERIALS**
[54] **MATERIAUX PHOSPHORES DE THIOALUMINATE DE BARYUM A SUBSTITUTION OXYGENE**
[72] HAMADA, HIROKI, JP
[72] PUGLIESE, VINCENT JOSEPH ALFRED, CA
[72] MOORE, JOHN WESLEY, CA
[72] STILES, JAMES ALEXANDER ROBERT, CA
[72] YOSHIDA, ISAO, JP
[71] SANYO ELECTRIC CO., LTD., JP
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[87] 2003-10-30 (WO2003/090501)
[30] US (60/372,781) 2002-04-17

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[13] A1
[51] **Int.Cl. 7A01K 67/00 7C12N 15/00 7A01K 67/027 7A01K 67/033**
[25] EN
[54] **PRODUCTION OF CLONED OFFSPRING FROM COOLED CARCASSES**
[54] **PRODUCTION DE PROGENITURE CLONEE A PARTIR DE CARCASSES FRIGORIFIEES**
[72] STICE, STEVEN L. PH. D., US
[72] GIBBONS, JOHN PH. D., US
[72] RESPESS, DONALD, US
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, US
[71] PROLINIA, INC., US
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[30] US (60/375,179) 2002-04-24

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[13] A1
[51] **Int.Cl. 7A61K 39/00 7A61K 39/40 7A61K 39/42**
[25] EN
[54] **IMMUNOGENIC AGENT THERAPY USING PLASMAPHERESIS OR EXCHANGE TRANSFUSION**
[54] **TRAITEMENT A BASE D'AGENTS IMMUNOGENES METTANT EN OEUVRE LA PLASMAPHERESE OU L'EXSANGUINOTRANSFUSION**
[72] LORENCE, ROBERT M., US
[72] CARDIN, SYLVAIN, US
[72] BUASEN, PETE T., US
[71] WELLSTAT BIOLOGICS CORPORATION, US
[85] 2004-10-26
[86] 2003-04-22 (PCT/US2003/012415)
[87] 2003-11-06 (WO2003/090676)
[30] US (60/375,931) 2002-04-26

[21] **2,483,980**
[13] A1
[51] **Int.Cl. 7A61K 48/00 7A61P 11/00 7C12N 15/12 7C12N 15/16 7C12N 15/18 7G01N 33/74 7C12N 15/79**
[25] EN
[54] **NON-INVASIVE DELIVERY OF POLYPEPTIDES THROUGH THE BLOOD-BRAIN BARRIER, AND IN VIVO SELECTION OF ENDOCYTOTIC LIGANDS**
[54] **ADMINISTRATION NON INVASIVE DE POLYPEPTIDES A TRAVERS LA BARRIERE HEMATO-ENCEPHALIQUE ET SELECTION IN VIVO DE LIGANDS ENDOCYTOTIQUES**
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[72] TANI, HIROAKI, AU
[71] FERGUSON, IAN A., AU
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[87] 2003-11-06 (WO2003/091387)
[30] AU (PS1935) 2002-04-26
[30] US (10/188,184) 2002-07-02

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[51] **Int.Cl. 7C12N 1/19 7C12P 7/06**
[25] EN
[54] **A MODIFIED YEAST CONSUMING L-ARABINOSE**
[54] **LEVURE MODIFIEE CONSOMMANT L-ARABINOSE**
[72] BECKER, JESSICA, DE
[72] BOLES, ECKHARD, DE
[71] FORSKARPATENT I SYD AB, SE
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[30] SE (0201428-0) 2002-05-08
[30] SE (0202090-7) 2002-07-04

[21] **2,484,050**
[13] A1
[51] **Int.Cl. 7C12N 5/10 7A61K 48/00 7C12N 5/08 7A61L 27/38**
[25] EN
[54] **CULTURED STROMAL CELLS AND USES THEREOF**
[54] **CELLULES DE STROMA CULTIVEES ET LEURS UTILISATIONS**
[72] LACHAPPELLE, KEVIN, CA
[72] AL-KHALDI, ABDULAZIZ, CA
[72] ELIOPOULOS, NICOLETTA, CA
[72] STAGG, JOHN, CA
[72] GALIPEAU, JACQUES, CA
[71] CENTRE FOR TRANSLATIONAL RESEARCH IN CANCER, CA
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[30] US (60/323,369) 2001-09-20

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[21] **2,484,087**
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61P 31/04 7A61K 31/7048**
[25] EN
[54] **ANTIBACTERIAL COMPOUNDS WITH IMPROVED PHARMACOKINETIC PROFILES**
[54] **COMPOSES ANTIBACTERIENS A PROFILS PHARMACOCINETIQUES AMELIORES**
[72] DJURIC, STEVAN M., US
[72] MA, ZHENKUN, US
[72] PHAN, LY, US
[72] RUPP, MICHAEL J., US
[72] CLARK, RICHARD F., US
[71] ABBOTT LABORATORIES, US
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[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61P 31/04 7A61K 31/7048**
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[54] **TRICYCLIC MACROLIDE ANTIBACTERIAL COMPOUNDS**
[54] **COMPOSES ANTIBACTERIENS DE MACROLIDES TRICYCLIQUES**
[72] GU, YUGUI, US
[72] YONG, HONG, US
[72] MA, ZHENKUN, US
[71] ABBOTT LABORATORIES, US
[85] 2004-10-27
[86] 2003-04-25 (PCT/US2003/012971)
[87] 2003-11-13 (WO2003/093289)
[30] US (10/136,796) 2002-04-30
[30] US (10/205,708) 2002-07-26
[30] US (10/422,309) 2003-04-24

[21] **2,484,118**
[13] A1

[51] **Int.Cl. 7C12P 19/02**
[25] EN
[54] **METHODS FOR ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSE**
[54] **PROCEDES D'HYDROLYSE ENZYMATIQUE DE LIGNOCELLULOSE**
[72] CARR, BRIAN, US
[72] VANDE BERG, BRIAN, US
[72] KOZIEL, MICHAEL G., US
[72] DUCK, NICHOLAS B., US
[72] CAROZZI, NADINE, US
[71] ATHENIX CORPORATION, US
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[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G06F 19/00 7G01N 33/48**
[25] EN
[54] **METHODS FOR DISCOVERING TUMOR BIOMARKERS AND DIAGNOSING TUMORS**
[54] **PROCEDES RELATIFS A LA DECOUVERTE DE BIOMARQUEURS ET AU DIAGNOSTIC DE TUMEURS**
[72] HAMPTON, GARRET M., US
[72] WELSH, JOHN BARNARD, US
[71] IRM LLC, BM
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[87] 2003-11-13 (WO2003/093794)
[30] US (60/377,402) 2002-05-01
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[13] A1

[51] **Int.Cl. 7A61K 31/473 7C07D 401/02 7C07D 413/02 7C07D 221/18 7A61K 31/5377**
[25] EN
[54] **4-AZASTEROID DERIVATIVES AS ANDROGEN RECEPTOR MODULATORS**
[54] **DERIVES DE 4-AZASTEROIDE UTILISES COMME MODULATEURS DU RECEPTEUR DE L'ANDROGENE**
[72] WANG, JIABING, US
[72] MCVEAN, CAROL A., US
[71] MERCK & CO., INC., US
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[87] 2003-11-13 (WO2003/092588)
[30] US (60/376,779) 2002-04-30

[21] **2,486,292**
[13] A1

[51] **Int.Cl. 7A61B 17/70**
[25] EN
[54] **DEVICE FOR JOINING A LONGITUDINAL SUPPORT WITH A BONE FIXATION MEANS**
[54] **DISPOSITIF PERMETTANT D'ASSEMBLER UN SUPPORT LONGITUDINAL ET UN MOYEN DE FIXATION OSSEUSE**
[72] DONATH, RAOUL, DE
[71] SYNTHES (U.S.A.), US
[85] 2004-10-22
[86] 2001-11-22 (PCT/CH2001/000682)
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[21] **2,488,092**
[13] A1

[51] **Int.Cl. 7C09K 7/06**
[25] EN
[54] **METHOD OF FORMULATING AND USING A DRILLING MUD WITH FRAGILE GELS**
[54] **PROCEDE DE FORMULATION ET D'UTILISATION D'UN FLUIDE DE FORAGE COMPRENANT DES GELS FRAGILES**
[72] SIEMS, DON, US
[72] CARBAJAL, DAVID, US
[72] BURROWS-LAWSON, KIMBERLY, US
[72] KIRSNER, JEFF, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2003-06-18 (PCT/GB2003/002617)
[87] 2003-12-31 (WO2004/000969)
[30] US (10/175,272) 2002-06-19

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[21] **2,488,405**
[13] A1

[51] **Int.Cl. 7A61K 7/035 7A61K 7/48**
[25] EN
[54] **SEBUM AND PERSPIRATION ABSORPTION FOUNDATION KIT AND ASSOCIATED MULTI-STEP METHOD**
[54] **TROUSSE DE FOND DE TEINT ABSORBANT LE SEBUM ET LA SUEUR ET PROCEDE ASSOCIE EN PLUSIEURS ETAPES**
[72] WILDGUST, PAUL GRAHAM, US
[72] RABE, THOMAS ELLIOT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-12-03
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[87] 2003-12-24 (WO2003/105790)
[30] US (60/389,415) 2002-06-17

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[13] A1

[51] **Int.Cl. 7H03L 7/08 7H03B 5/08**
[25] EN
[54] **LC OSCILLATOR WITH WIDE TUNING RANGE AND LOW PHASE NOISE**
[54] **OSCILLATEUR INDUCTIF/ CAPACITIF A LARGE BANDE DE FREQUENCE D'ACCORDS ET A FAIBLE BRUIT DE PHASE**
[72] KOO, YIDO, KR
[72] LEE, JEONG-WOO, KR
[72] LEE, KYEONGHO, KR
[72] PARK, JOONBAE, KR
[71] GCT SEMICONDUCTOR, INC., US
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[51] **Int.Cl. 7C07D 473/38 7A61P 3/04 7C07D 417/06 7A61P 3/06 7A61P 3/10 7C07D 417/12 7C07D 417/14 7C07D 285/16 7A61K 31/426 7A61K 31/427 7A61K 31/433 7A61K 31/4402 7A61K 31/4439 7C07D 277/48 7A61K 31/496 7A61K 31/506 7C07D 277/52 7A61K 31/52 7A61K 31/5377 7C07D 277/54 7C07D 277/56 7C07D 213/75**
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[54] **ARYL CARBONYL DERIVATIVES AS THERAPEUTIC AGENTS**
[54] **ACTIVATEURS DE LA GLYCOKINASE**
[72] MJALLI, ADNAN M., M., US
[72] SUBRAMANIAN, GOVINDAN, US
[72] KODRA, JANOS TIBOR, DK
[72] JEPPESEN, LONE, DK
[72] VEDSO, PER, DK
[72] MURRAY, ANTHONY, DK
[72] VALCARCE-LOPEZ, MARIA CARMEN, SE

[72] LAU, JESPER, DK
[72] ANDREWS, ROBERT CARL, US
[72] POLISETTI, DHARMA RAO, US
[72] BLOCH, PAW, DK
[72] SANTHOSH, KALPATHY CHIDAMBARESWARAN, US
[72] ANKERSEN, MICHAEL, DK
[72] GUZEL, MUSTAFA, US
[72] BLUME, NIELS, DK
[71] NOVO NORDISK A/S, DK
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[86] 2003-06-27 (PCT/DK2003/000449)
[87] 2004-01-08 (WO2004/002481)
[30] DK (PA 2002 00999) 2002-06-27
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[30] US (60/452,228) 2003-03-05

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[13] A1

[51] **Int.Cl. 7B32B 15/04**
[25] EN
[54] **COATED PARTICLES, METHODS OF MAKING AND USING**
[54] **PARTICULES ENROBEES, PROCEDES D'UTILISATION ET DE FABRICATION ASSOCIES**
[72] ANDERSON, DAVID M., US
[71] LYOTROPIC THERAPEUTICS, INC., US
[85] 2004-12-06
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[25] EN
[54] **BIOCHIP HOLDER AND METHOD OF COLLECTING FLUID**
[54] **SUPPORT DE PUCE A ADN ET METHODE DE COLLECTE DE FLUIDE**
[72] ANDERSON, CLIFFORD L., US
[72] DRUYOR-SANCHEZ, ROBERTA L., US
[72] MAST, ROY TAYLOR, US
[72] SINGH-GASSON, SANGEET, US
[71] AMERSHAM BIOSCIENCES AB, SE
[85] 2004-12-06
[86] 2003-06-26 (PCT/IB2003/002493)
[87] 2004-01-08 (WO2004/002625)
[30] US (10/183,891) 2002-06-26

[21] **2,488,647**
[13] A1

[51] **Int.Cl. 7G01G 11/08 7G05D 7/06 7G01G 13/24**
[25] EN
[54] **LOSS-IN-WEIGHT FEEDER WITH DISCHARGE PRESSURE COMPENSATOR**
[54] **DISPOSITIF D'ALIMENTATION PAR MESURE DE PERTE DE POIDS AVEC COMPENSATEUR DE PRESSION DE REFOULEMENT**
[72] HACHTEL, ROBERT GEORGE, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-12-06
[86] 2003-06-30 (PCT/US2003/020891)
[87] 2004-01-08 (WO2004/003490)
[30] US (10/188,172) 2002-07-01

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[13] A1

[51] **Int.Cl. 7C07D 473/16 7A61P 35/02 7A61K 31/52**
[25] EN
[54] **PURINE DERIVATIVES AND THEIR USE AS ANTIPROLIFERATIVE AGENTS**
[54] **NOUVEAUX DERIVES DE PURINE**
[72] JARMAN, MICHAEL, GB
[72] WORKMAN, PAUL, GB
[72] WILSON, STUART, GB
[72] FISCHER, PETER, GB
[72] MCDONALD, EDWARD, GB
[72] NUTLEY, BERNARD, GB
[72] RAYNAUD, FLORENCE, GB
[71] CYCLACEL LIMITED, GB
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[30] GB (0219052.8) 2002-08-15

[21] **2,489,306**
[13] A1

[51] **Int.Cl. 7A61K 31/395 7A61P 1/08**
[25] EN
[54] **USE OF NEFOPAM FOR THE TREATMENT OF NAUSEA OR EMESIS**
[54] **UTILISATION DE NEFOPAM POUR TRAITER DES NAUSEES OU DES VOMISSEMENTS**
[72] LYNE, MICHAEL HARVEY, GB
[72] BANNISTER, ROBIN MARK, GB
[71] ARAKIS LTD., GB
[85] 2004-12-15
[86] 2003-06-17 (PCT/GB2003/002586)
[87] 2003-12-24 (WO2003/105832)
[30] GB (0213869.1) 2002-06-17

[21] **2,489,315**
[13] A1

[51] **Int.Cl. 7A61K 31/395 7A61P 25/04**
[25] EN
[54] **FORMULATION OF NEFOPAM AND ITS USE IN THE TREATMENT OF PAIN**
[54] **FORMULATION DE NEFOPAM ET UTILISATION DE CELLE-CI DANS LE TRAITEMENT DE LA DOULEUR**
[72] LYNE, MICHAEL HARVEY, GB
[71] ARAKIS LTD., GB
[85] 2004-12-15
[86] 2003-06-17 (PCT/GB2003/002618)
[87] 2003-12-24 (WO2003/105833)
[30] GB (0213869.1) 2002-06-17

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[13] A1

[51] **Int.Cl. 7C08L 67/06 7B05D 3/02 7C08F 8/14**
[25] EN
[54] **POLYESTER-TYPE FORMALDEHYDE FREE INSULATION BINDER**
[54] **LIANT POUR ISOLANT AU POLYESTER EXEMPT DE FORMALDEHYDE**
[72] HAGIOPOL, CORNEL, US
[72] HINES, JOHN, US
[72] GABRIELSON, KURT D., US
[72] TUTIN, KIM, US
[72] RODRIGUEZ, AUGIE, US
[72] SRNINIVASAN, RAMJI, US
[72] WHITE, RANDY, US
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[85] 2004-12-13
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[87] 2003-12-24 (WO2003/106561)
[30] US (60/389,295) 2002-06-18

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[13] A1

[51] **Int.Cl. 7A23L 1/29**
[25] EN
[54] **STABLE EMULSIONS OF OILS IN AQUEOUS SOLUTIONS AND METHODS FOR PRODUCING SAME**
[54] **EMULSIONS STABLES D'HUILES DANS DES SOLUTIONS AQUEUSES ET PROCEDE POUR LES PREPARER**
[72] STAGNITTI, GEORGE E., US
[72] ABRIL, JESUS RUBEN, US
[71] MARTEK BIOSCIENCES CORPORATION, US
[85] 2004-12-15
[86] 2003-06-18 (PCT/US2003/019108)
[87] 2003-12-24 (WO2003/105606)
[30] US (60/389,813) 2002-06-18

[21] **2,489,399**
[13] A1

[51] **Int.Cl. 7A47C 1/02**
[25] EN
[54] **DYNAMICALLY BALANCED SEAT ASSEMBLY**
[54] **ENSEMBLE SIEGE A EQUILIBRAGE DYNAMIQUE**
[72] SERBER, HECTOR, US
[71] SERBER, HECTOR, US
[85] 2004-12-17
[86] 2003-06-18 (PCT/US2003/019591)
[87] 2003-12-24 (WO2003/105633)
[30] US (10/175,452) 2002-06-18

[21] **2,489,449**
[13] A1

[51] **Int.Cl. 7C07D 295/08 7C07D 295/10 7A61P 13/10 7C07D 319/18 7A61K 31/495**
[25] EN
[54] **1-PHENYLALKYL-PIPERAZINES**
[54] **1-PHENYLALKYLPIPERAZINES**
[72] RIVA, CARLO, IT
[72] MOTTA, GIANNI, IT
[72] LEONARDI, AMADEO, IT
[72] POGGESI, ELENA, IT
[71] RECORDATI S.A., CH
[85] 2004-12-14
[86] 2003-06-16 (PCT/EP2003/006289)
[87] 2003-12-24 (WO2003/106443)
[30] IT (MI2002A001327) 2002-06-14

[21] **2,489,457**
[13] A1

[51] **Int.Cl. 7C08J 5/08 7C09D 175/16 7C03C 25/32 7C08G 18/80**
[25] EN
[54] **GLASS FIBRE REINFORCED PLASTICS**
[54] **MATIERES PLASTIQUES RENFORCEES PAR FIBRE DE VERRE**
[72] NAUJOKS, KARIN, DE
[72] RISCHE, THORSTEN, DE
[72] FELLER, THOMAS, DE
[72] WEIKARD, JAN, DE
[72] LUEHMANN, ERHARD, DE
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[87] 2003-12-24 (WO2003/106542)
[30] DE (102 26 933.5) 2002-06-17

[21] **2,489,506**
[13] A1

[51] **Int.Cl. 7A61B 18/20**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATMENT OF CUTANEOUS AND SUBCUTANEOUS CONDITIONS**
[54] **METHODE ET APPAREIL DE TRAITEMENT D'ETATS CUTANES ET SOUS-CUTANES**
[72] ALTSHULER, GREGORY B., US
[72] YAROSLAVSKY, ILYA, US
[72] PRIKHODKO, KONSTANTIN, RU
[72] BELIKOV, ANDRE, RU
[71] PALOMAR MEDICAL TECHNOLOGIES, INC., US
[85] 2004-12-14
[86] 2003-06-19 (PCT/US2003/019280)
[87] 2003-12-31 (WO2004/000098)
[30] US (60/389,871) 2002-06-19

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[13] A1
[51] **Int.Cl. 7A61B 17/11**
[25] EN
[54] **METHOD AND APPARATUS FOR ANASTOMOSIS INCLUDING AN ANCHORING SLEEVE**
[54] **PROCEDE ET APPAREIL D'ANASTOMOSE COMPRENANT UN MANCHON D'ANCRAGE**
[72] MANZO, SCOTT, US
[71] TYCO HEALTHCARE GROUP, LP, US
[85] 2004-12-14
[86] 2003-04-16 (PCT/US2003/011691)
[87] 2003-12-31 (WO2004/000135)
[30] US (60/390,780) 2002-06-20

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[13] A1
[51] **Int.Cl. 7A61B 17/11 7A61B 17/064 7A61B 17/115**
[25] EN
[54] **METHOD AND APPARATUS FOR ANASTOMOSIS**
[54] **PROCEDE ET APPAREIL D'ANASTOMOSE**
[72] ORBAN, JOSEPH P., III, US
[71] TYCO HEALTHCARE GROUP LP, US
[85] 2004-12-14
[86] 2003-06-19 (PCT/US2003/019516)
[87] 2003-12-31 (WO2004/000138)
[30] US (60/390,106) 2002-06-19

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[13] A1
[51] **Int.Cl. 7A61B 5/22 7A63B 21/00 7A63B 23/00**
[25] EN
[54] **EXERCISE APPARATUS**
[54] **EXERCISEUR**
[72] VARDY, TERENCE, AU
[71] VARDY, TERENCE, AU
[85] 2004-12-14
[86] 2003-06-27 (PCT/AU2003/000825)
[87] 2004-01-08 (WO2004/002313)
[30] AU (PS 3256) 2002-06-28

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[13] A1
[51] **Int.Cl. 7C08L 51/04 7C08L 77/00 7C08L 55/02 7C08K 9/08**
[25] EN
[54] **GLASS FIBER FILLED THERMOPLASTIC COMPOSITIONS WITH GOOD SURFACE APPEARANCE**
[54] **COMPOSITIONS THERMOPLASTIQUES REMPLIES DE FIBRES DE VERRE PRESENTANT UN BON ASPECT DE SURFACE**
[72] CHANG, MOH-CHING OLIVER, US
[72] BAKAYSZA, NICHOLAS A., US
[71] LANXESS CORPORATION, US
[85] 2004-12-14
[86] 2003-06-30 (PCT/US2003/020796)
[87] 2004-01-08 (WO2004/003075)
[30] US (10/186,487) 2002-07-01

[21] **2,489,513**
[13] A1
[51] **Int.Cl. 7C09D 11/00 7C07C 233/20 7A23L 1/275 7A23G 3/28**
[25] EN
[54] **EDIBLE INKS FOR INK-JET PRINTING ON EDIBLE SUBSTRATES**
[54] **ENCRE COMESTIBLES D'IMPRESSION A JET D'ENCRE SUR DES SUBSTRATS COMESTIBLES**
[72] WALTERS, MEGAN, US
[72] WILLCOCKS, NEIL A., US
[72] SUTTLE, JAMES M., US
[72] BEN-YOSEPH, EYAL M., US
[72] COLLINS, THOMAS M., US
[72] SHASTRY, ARUN V., US
[71] MARS, INC., US
[85] 2004-12-14
[86] 2003-06-26 (PCT/US2003/020030)
[87] 2004-01-08 (WO2004/003089)
[30] US (60/392,303) 2002-06-26
[30] US (60/453,117) 2003-03-07

[21] **2,489,519**
[13] A1
[51] **Int.Cl. 7D21H 19/46**
[25] EN
[54] **PAPER COATING FORMULATIONS FOR ROTOGRAVURE APPLICATIONS**
[54] **PREPARATION DE COUCHAGE DE PAPIER POUR APPLICATIONS D'HELIOGRAVURE**
[72] LI BASSI, GIUSEPPE, IT
[72] PELLIZZON, TULLIO, IT
[72] FUMAGALLI, STEFANO, IT
[71] LAMBERTI S.P.A., IT
[85] 2004-12-14
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[87] 2004-01-15 (WO2004/005616)
[30] IT (VA2002 A 000041) 2002-07-03

[21] **2,489,538**
[13] A1
[51] **Int.Cl. 7H02G 5/08**
[25] EN
[54] **FIELD CONVERTIBLE TAP-OFF UNIT**
[54] **UNITE DE DERIVATION CONVERTIBLE EN SERVICE**
[72] WEST, RODNEY J., US
[72] O'NAN, GLENN S., US
[71] SQUARE D COMPANY, US
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[54] **SPRINKLER RESISTANT TAP-OFF BASE ASSEMBLY**
[54] **ENSEMBLE BASE DE PRISE RESISTANT A L'ARROSAGE DELUGE**
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[72] WEST, RODNEY J., US
[71] SQUARE D COMPANY, US
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[54] **METHODS OF TREATING AND PREVENTING COLITIS INVOLVING IL-13 AND NK-T CELLS**
[54] **PROCEDES DE TRAITEMENT ET DE PREVENTION D'UNE COLITE DANS LAQUELLE SONT IMPLIQUEES L'INTERLEUKINE 13 ET LES CELLULES NK-T**
[72] STROBER, WARREN, US
[72] BLUMBERG, RICHARD, US
[72] FUSS, IVAN J., US
[72] HELLER, FRANK, US
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[25] EN
[54] **FCD SYSTEM AND DEVICE USING BEACON**
[54] **SYSTEME FCD ET DISPOSITIF UTILISANT UNE BALISE**
[72] ADACHI, SHINYA, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
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[54] **ANTENNA STEERING SCHEDULER FOR MOBILE STATION IN WIRELESS LOCAL AREA NETWORK**
[54] **PROGRAMMATEUR D'ORIENTATION D'ANTENNE POUR STATION MOBILE DANS UN RESEAU RADIO LOCAL**
[72] GAINNEY, KENNETH M., US
[72] FOORE, LAWRENCE ROBERT, US
[71] IPR LICENSING, INC., US
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[25] EN
[54] **VERSATILE PROCESSES FOR PREPARING AND USING NOVEL COMPOSITE PARTICLES IN POWDER COATING COMPOSITIONS**
[54] **PROCEDES POLYVALENTS DE PREPARATION ET D'UTILISATION DE NOUVELLES PARTICULES COMPOSITES DANS DES COMPOSITIONS DE REVETEMENT EN POUDRE**
[72] HECK, JAMES A., US
[72] LINDQUIST, LOWELL G., US
[72] BLATTER, WALTER J., US
[71] H.B. FULLER COMPANY, US
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[54] **OXIDE FILM FORMING METHOD AND OXIDE FILM FORMING APPARATUS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE FORMER UN FILM D'OXYDE**
[72] NAKAJIMA, SETSUO, JP
[72] KAWASAKI, SHINICHI, JP
[72] ITO, TAKUMI, JP
[72] EGUCHI, YUJI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
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[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF SYSTEMIC INFLAMMATORY RESPONSE SYNDROME**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR TRAITER LE SYNDROME DE REPONSE INFLAMMATOIRE SYSTEMIQUE**
[72] WIENEN, WOLFGANG, DE
[72] RIES, UWE, DE
[72] SCHUELY, UWE, AT
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
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[54] **ENSEMBLE CATHETER A LUMIERE DE SORTIE A PAROI LATERALE ET PROCEDE ASSOCIE**
[72] HONEBRINK, BRIAN, US
[71] ENPATH MEDICAL, INC., US
[85] 2004-12-14
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[54] **MICRO-CELLULAR OR NON-CELLULAR LIGHT-STABLE POLYURETHANE MATERIAL AND METHOD FOR THE PRODUCTION THEREOF**
[54] **MATERIAU POLYURETHANE PHOTOSTABLE MICROCELLULAIRE OU NON CELLULAIRE ET PROCEDE PERMETTANT DE LE PRODUIRE**
[72] TROSSAERT, GEERT, BE
[72] DU PREZ, EDDIE, BE
[71] RECTICEL, BE
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[54] **COUPLING OF DRILL ANCHORS**
[54] **ACCOUPEMENT POUR BOULONS D'ANCRAGE**
[72] PAPOUSEK, HERBERT, AT
[71] ATLAS COPCO MAI GMBH, AT
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[54] **METHOD AND ARRANGEMENT FOR A TERMINATION OF AN ELECTRICAL CABLE**
[54] **PROCEDE ET DISPOSITIF POUR TERMINAISON DE CABLE ELECTRIQUE**
[72] GOEHLICH, LOTHAR, DE
[71] PIRELLI & C. S.P.A., IT
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[51] **Int.Cl. 7H01B 7/18**
[25] EN
[54] **IMPACT RESISTANT COMPACT CABLE**
[54] **CABLE COMPACT RESISTANT AUX CHOCS**
[72] DONAZZI, FABRIZIO, IT
[72] MARIN, CARLO, IT
[72] BELLI, SERGIO, IT
[72] BAREGGI, ALBERTO, IT
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[25] EN
[54] **METHOD AND DEVICE FOR LIQUEFYING OF A POWDERY FAT BASED PRODUCT PARTICULARLY IN THE PRODUCTION OF CHOCOLATE AND THE LIKE**
[54] **PROCEDE ET DISPOSITIF DE LIQUEFACTION D'UN PRODUIT A BASE DE GRAISSE EN POUFRE, EN PARTICULIER DANS LA PRODUCTION DE CHOCOLAT ET D'AUTRES PRODUITS SEMBLABLES**
[72] JOLLY, MAXINE, GB
[72] REUSS, STEFAN, GB
[72] ARMSTRONG, KATE, US
[72] GOMES, FERNANDO, BR
[72] BECKETT, STEPHEN THOMAS, GB
[72] BLACKBURN, STUART, GB
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[25] EN
[54] **ACTUATION INDICATOR FOR A DISPENSING DEVICE**
[54] **INDICATEUR D'ACTIONNEMENT POUR DISPOSITIF DISTRIBUTEUR**
[72] BRAND, PETER JOHN, GB
[72] GODFREY, JAMES WILLIAM, GB
[72] RAND, PAUL KENNETH, GB
[72] BONNEY, STANLEY GEORGE, GB
[71] GLAXO GROUP LIMITED, GB
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[54] **FORMULATIONS DE CAMPTOTHECINE-CARBOXYLATE**
[72] TEIFEL, MICHAEL, DE
[72] MICHAELIS, UWE, DE
[72] SCHULZE, BRITA, DE
[72] HAAS, HEINRICH, DE
[72] SAUER, BIRGITTA, DE
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[71] MEDIGENE ONCOLOGY GMBH, DE
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[25] EN
[54] **TITANIUM-VANADIUM-TIN COMPRISING CATALYST AND PROCESS FOR THE PREPARATION OF PHTHALIC ANHYDRIDE**
[54] **CATALYSEUR CONTENANT DU TITANE, DU VANADIUM ET DE L'ETAIN ET PROCEDE DE PREPARATION D'ANHYDRIDE PHTHALIQUE**
[72] LEANZA, ROBERTO, IT
[72] CAVANI, FABRIZIO, IT
[72] FUMAGALLI, CARLO, IT
[72] PANZACCHI, BARBARA, IT
[72] MAZZONI, GIANLUCA, IT
[71] LONZA SPA, IT
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[25] EN
[54] **PERIMETER MARKING SYSTEM OF PLAY AREAS WITH VARIABLE LAYOUT**
[54] **SYSTEME DE MARQUAGE DE PERIMETRE POUR AIRE DE JEU A PLAN VARIABLE**
[72] NERI, ALBERTO, IT
[71] NERI, ALBERTO, IT
[85] 2004-12-15
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[87] 2004-01-08 (WO2004/002586)
[30] IT (BO2002A000395) 2002-06-19

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[51] **Int.Cl. 7H01M 8/10**
[25] EN
[54] **FUEL CELL INCORPORATING A POLYMER ELECTROLYTE MEMBRANE GRAFTED BY IRRADIATION**
[54] **PILE A COMBUSTIBLE COMPRENANT UNE MEMBRANE ELECTROLYTE POLYMERE GREFFEE PAR IRRADIATION**
[72] ZAOPO, ANTONIO, IT
[72] DUBITSKY, YURI A., IT
[72] LOPES CORREIA TAVARES, ANA BERTA, IT
[72] ALBIZZATI, ENRICO, IT
[71] PIRELLI & C. S.P.A., IT
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[30] EP (PCT/EP02/07166) 2002-06-28

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[54] **TREATING MICRO-ORGANISMS IN WATER USING BORON CONDITIONED ENZYMES**
[54] **TRAITEMENT DE MICRO-ORGANISMES DANS L'EAU AU MOYEN D'ENZYMES CONDITIONNEES PAR DU BORE**
[72] SAVA, ALEX, AU
[71] NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD., AU
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[30] AU (PS3280) 2002-06-28

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[54] **SUBSTITUTED QUINOLINE CCR5 RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DU RECEPTEUR CCR5 A BASE DE QUINOLEINE SUBSTITUES**
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[72] LU, SHOU-FU, US
[72] LIAN, XIONGDONG, CN
[72] JAROCH, STEFAN, DE
[72] KOCHANNY, MONICA J., US
[72] YE, BIN, US
[72] PHILLIPS, GARY, US
[72] LIANG, MEINA, US
[72] LEE, WHEESEONG, US
[72] WEI, GUO-PING, US
[72] ONUFFER, JAMES, US
[71] SCHERING AKTIENGESELLSCHAFT, DE
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[87] 2004-01-08 (WO2004/002960)
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[54] **COMPOSITIONS AND METHODS FOR AMELIORATION OF HUMAN FEMALE SEXUAL DYSFUNCTION**
[54] **COMPOSITIONS ET METHODES DE CORRECTION DE DYSFONCTIONNEMENTS SEXUELS CHEZ LA FEMME**
[72] LU, MINGQI, US
[72] YEAGER, JAMES L., US
[72] BUEYUEKTIMKIN, SERVET, US
[72] BUEYUEKTIMKIN, NADIR, US
[72] MO, Y. JOSEPH, US
[71] NEXMED (HOLDINGS), INC., US
[85] 2004-12-15
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[54] **DISMOUNTING DEVICE FOR HEAVY LOAD HOISTING SLING**
[54] **DISPOSITIF DE DESARRIMAGE POUR ELINGUE DE LEVAGE DE CHARGE LOURDE**
[72] TAKAI, SEIICHIRO, JP
[71] TOTETU MFG. CO. LTD., JP
[85] 2004-12-14
[86] 2002-06-20 (PCT/JP2002/006198)
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[25] EN
[54] **FLEXIBLE PTC HEATING ELEMENT AND METHOD OF MANUFACTURING THE HEATING ELEMENT**
[54] **ELEMENT CHAUFFANT A THERMISTANCE A COEFFICIENT DE TEMPERATURE POSITIF (PTC) SOUPLE ET PROCEDE DE FABRICATION D'ELEMENT CHAUFFANT**
[72] YONEYAMA, MITSURU, JP
[72] TERAKADO, SEISHI, JP
[72] KOHARA, KAZUYUKI, JP
[72] ISHII, TAKAHITO, JP
[72] YASUI, KEIKO, JP
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[30] JP (2003-3026) 2003-01-09
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[13] A1

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[25] EN
[54] **GEL-TYPE DRINK COMPOSITION**
[54] **COMPOSITION DE BOISSON SOUS FORME GELIFIEE**
[72] OKAMOTO, TOSHIHIKO, JP
[72] HIRATA, KEIZABUROU, JP
[72] TAKAICHI, AKIHISA, JP
[72] WATANABE, YOSHINARI, JP
[72] MATSUOKA, KUNIHICO, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
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[87] 2004-02-05 (WO2004/010796)
[30] JP (2002-220194) 2002-07-29

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[54] **GE PHOTODETECTORS**
[54] **PHOTODETECTEURS GE**
[72] LIU, JIFENG, US
[72] KIMERLING, LIONEL C., US
[72] ISHIKAWA, YASUHIKO, US
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[72] CANNON, DOUGLAS D., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[13] A1

[51] **Int.Cl. 7H04L 27/22**
[25] EN
[54] **IMPROVING HIERARCHICAL 8PSK PERFORMANCE**
[54] **AMELIORATION DE LA PERFORMANCE D'UN SIGNAL 8PSK HIERARCHISE**
[72] CHEN, ERNEST C., US
[72] SANTORU, JOSEPH, US
[71] THE DIRECTV GROUP, INC., US
[85] 2004-12-14
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[54] **NOVEL PHASE CHANGE SOLVENTS**
[54] **NOUVEAUX SOLVANTS A CHANGEMENT DE PHASE**
[72] HAMERSKY, MARK WILLIAM, US
[72] SMITH, STEVEN DARYL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-12-14
[86] 2003-07-14 (PCT/US2003/022036)
[87] 2004-02-05 (WO2004/011523)
[30] US (60/399,963) 2002-07-31

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[25] EN
[54] **PHASE CHANGE SOLVENTS FOR THERMOPLASTIC POLYMERS**
[54] **SOLVANTS A CHANGEMENT DE PHASE POUR POLYMERES THERMOPLASTIQUES**
[72] HAMERSKY, MARK WILLIAM, US
[72] SMITH, STEVEN DARYL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-12-14
[86] 2003-07-14 (PCT/US2003/022037)
[87] 2004-02-05 (WO2004/011541)
[30] US (60/399,841) 2002-07-31

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[25] EN
[54] **EXTENDED-RELEASE TABLETS COMPRISING DIVALPROEX SODIUM**
[54] **COMPRIMES A LIBERATION PROLONGEE CONTENANT DU DIVALPROEX SODIUM**
[72] SHERMAN, BERNARD CHARLES, CA
[71] SHERMAN, BERNARD CHARLES, CA
[85] 2004-12-15
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[25] EN
[54] **TRANSFERRING DEVICE**
[54] **DISPOSITIF DE TRANSFERT**
[72] HAGEL, MARTIN, DE
[71] HAGEL, MARTIN, DE
[85] 2004-12-15
[86] 2002-06-17 (PCT/EP2002/006651)
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[25] EN
[54] **CONSTRUCTION KIT**
[54] **CONSTRUCTION MODULAIRE**
[72] KRETZSCHMAR, MICHAEL, DE
[71] KRETZSCHMAR, MICHAEL, DE
[85] 2004-12-15
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[87] 2003-08-07 (WO2003/063994)
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[25] FR
[54] **PROCEDE DE REVETEMENT**
D'UN TEXTILE ARCHITECTURAL
AVEC AU MOINS UNE COUCHE
D'ELASTOMERE SILICONE, A PARTIR
D'UNE EMULSION SILICONE
AQUEUSE ET TEXTILE
ARCHITECTURAL AINSI REVETU
[54] **METHOD FOR COATING AN**
ARCHITECTURAL TEXTILE WITH AT
LEAST ONE LAYER OF A SILICONE
ELASTOMER USING AN AQUEOUS
SILICONE EMULSION AND AN
ARCHITECTURAL TEXTILE WITH
SUCH A COATING
[72] PERILLON, JEAN-LUC, FR
[72] MARTIN, GERALDINE, FR
[71] TISSAGE ET ENDUCTION SERGE
FERRARI SA, FR
[85] 2004-12-15
[86] 2003-06-17 (PCT/FR2003/050012)
[87] 2003-12-24 (WO2003/106759)
[30] FR (02 07491) 2002-06-18

[21] **2,489,586**
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[25] EN
[54] **DRAINAGE CATHETER**
[54] **CATHETER DE DRAINAGE**
[72] MAGNUSSON, ANDERS, SE
[71] INNOVENTUS PROJECT AB, SE
[85] 2004-12-14
[86] 2003-06-27 (PCT/SE2003/001128)
[87] 2004-01-08 (WO2004/002563)
[30] US (60/391,667) 2002-06-27

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[51] **Int.Cl. 7G11B 7/007 7G11B 7/24**
[25] EN
[54] **OPTICAL DATA STORAGE**
MEDIUM AND USE OF SUCH MEDIUM
[54] **SUPPORT D'ENREGISTREMENT**
OPTIQUE DE DONNEES ET SON
UTILISATION
[72] MARTENS, HUBERT C. F., NL
[72] VAN DEN OETELAAR, RONALD J.
A., NL
[71] KONINKLIJKE PHILIPS
ELECTRONICS N.V., NL
[85] 2004-12-15
[86] 2003-06-13 (PCT/IB2003/002832)
[87] 2003-12-24 (WO2003/107334)
[30] EP (02077448.5) 2002-06-18

[21] **2,489,600**
[13] A1

[51] **Int.Cl. 7A23L 2/00 7A23L 1/03**
[25] EN
[54] **FOAM-HOLDING AGENT AND**
UTILIZATION THEREOF
[54] **AGENT DE TENUE DE MOUSSE ET**
SON UTILISATION
[72] WATANABE, TOKUTOMI, JP
[72] YOSHIHIRO, AKIRA, JP
[72] DAIDO, HIROMI, JP
[71] SUNTORY LIMITED, JP
[85] 2004-12-15
[86] 2003-06-17 (PCT/JP2003/007652)
[87] 2003-12-24 (WO2003/105610)
[30] JP (2002-176489) 2002-06-17

[21] **2,489,602**
[13] A1

[51] **Int.Cl. 7C23C 14/24 7C30B 23/02**
[25] FR
[54] **CHAMBRE D'EVAPORATION DE**
MATERIAUX SOUS VIDE A POMPAGE
DIFFERENTIEL
[54] **MATERIAL EVAPORATION**
CHAMBER WITH DIFFERENTIAL
VACUUM PUMPING
[72] LOCQUET, JEAN-PIERRE, CH
[72] CHAIX, CATHERINE, FR
[72] NUTTE, PIERRE-ANDRE, FR
[72] JARRY, ALAIN, FR
[72] FOMPEYRINE, JEAN, CH
[72] SIEGWART, HEINZ, CH
[71] RIBER, FR
[85] 2004-12-15
[86] 2003-06-18 (PCT/FR2003/001868)
[87] 2003-12-24 (WO2003/106731)
[30] FR (02/07501) 2002-06-18

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[13] A1

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[25] FR
[54] **AGENT ANTI-RESESTANCE A**
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[54] **OXALIPLATIN ANTI-**
RESISTANCE AGENT
[72] PAU, BERNARD, FR
[72] GOURDIER, ISABELLE, FR
[72] DEL RIO, MAGUY, FR
[72] CRABBE, LAURE, FR
[71] CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] INSTITUT PASTEUR, FR
[71] UNIVERSITE DE MONTPELLIER I,
FR
[85] 2004-12-15
[86] 2003-06-17 (PCT/FR2003/001842)
[87] 2003-12-24 (WO2003/107006)
[30] FR (02/07417) 2002-06-17

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[13] A1

[51] **Int.Cl. 7C07D 301/02 7C07D 405/06 7C07D 249/08 7C07D 303/14**
[25] EN
[54] **PROCESSES FOR PRODUCING EPOXYTRIAZOLE DERIVATIVE AND INTERMEDIATE THEREFOR**
[54] **DERIVE D'EPOXYTRIAZOLE ET PROCEDE DE PRODUCTION D'UN INTERMEDIAIRE DE CE DERIVE**
[72] IKEMOTO, TETSUYA, JP
[72] WANG, WEIQI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2004-12-15
[86] 2003-06-10 (PCT/JP2003/007316)
[87] 2003-12-31 (WO2004/000826)
[30] JP (2002-180610) 2002-06-20
[30] JP (2002-313317) 2002-10-28
[30] JP (2002-318833) 2002-10-31

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[13] A1

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[25] EN
[54] **ORAL PREVENTIVE OR THERAPEUTIC AGENT FOR SKIN DAMAGE CONTAINING DIACYLGLYCERYL ETHER**
[54] **AGENT PROPHYLACTIQUE OU THERAPEUTIQUE ORAL, POUR LES LESIONS CUTANEEES, A BASE DE DIACYLGLYCERYLE ETHER**
[72] YOSHIKAI, KAZUYOSHI, JP
[72] TAMAI, TADAKAZU, JP
[72] MUROTA, ITSUKI, JP
[72] NISHIKAWA, MASAZUMI, JP
[71] MARUHA CORPORATION, JP
[85] 2004-12-15
[86] 2003-06-17 (PCT/JP2003/007662)
[87] 2003-12-31 (WO2004/000301)
[30] JP (2002-178670) 2002-06-19

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[13] A1

[51] **Int.Cl. 7C11D 7/28 7C23C 14/00 7H05B 33/10 7B08B 3/14 7H05B 33/14**
[25] EN
[54] **METHOD FOR CLEANING CHAMBER OF DEPOSITION APPARATUS FOR ORGANIC EL DEVICE PRODUCTION**
[54] **PROCEDE DE NETTOYAGE D'UNE CHAMBRE D'UN DISPOSITIF DE DEPOSITION POUR LA PRODUCTION D'UN ELEMENT EL ORGANIQUE**
[72] HAYASHI, NOBUYA, JP
[72] NARUI, SHINICHIRO, JP
[72] OKAMOTO, HIDEKAZU, JP
[72] TSUZAKI, MASAOKI, JP
[71] ASAHI GLASS COMPANY, LIMITED, JP
[85] 2004-12-15
[86] 2003-06-19 (PCT/JP2003/007773)
[87] 2003-12-31 (WO2004/000987)
[30] JP (2002-178471) 2002-06-19

[21] **2,489,643**
[13] A1

[51] **Int.Cl. 7A47J 31/40 7A47J 31/06**
[25] EN
[54] **APPARATUS FOR PREVENTING PASSING OFF OF A BREWED BEVERAGE**
[54] **DISPOSITIF PERMETTANT D'EVITER QU'UNE BOISSON INFUSEE SOIT PRISE POUR UNE AUTRE**
[72] MORDINI, MAURO DOMINICK, US
[72] CIRIGLIANO, MICHAEL CHARLES, US
[71] UNILEVER PLC, GB
[85] 2004-12-15
[86] 2003-05-22 (PCT/EP2003/005470)
[87] 2003-12-31 (WO2004/000084)
[30] US (10/178,972) 2002-06-25

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[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/28**
[25] EN
[54] **LOCATION-BASED ACCESS CONTROL FOR WIRELESS LOCAL AREA NETWORKS**
[54] **CONTROLE D'ACCES EN FONCTION DU LIEU, DESTINE AUX RESEAUX LOCAUX**
[72] MANI, MAHALINGAM, US
[72] KAPPES, MARTIN, US
[72] GARG, SACHIN, US
[71] AVAYA TECHNOLOGY CORP., US
[85] 2004-12-16
[86] 2003-05-15 (PCT/US2003/015073)
[87] 2004-01-08 (WO2004/004278)
[30] US (10/180,527) 2002-06-27

[21] **2,489,699**
[13] A1

[51] **Int.Cl. 7F16C 17/10**
[25] EN
[54] **BEARING FOR THE ROTOR OF A ROTATING MACHINE**
[54] **PALIER POUR LE ROTOR D'UNE MACHINE ROTATIVE**
[72] MATYSCAK, KAMIL, DE
[72] FUERST, AXEL GUENTER ALBERT, CH
[71] ALSTOM TECHNOLOGY LTD., CH
[85] 2004-12-16
[86] 2003-06-06 (PCT/IB2003/002364)
[87] 2003-12-31 (WO2004/001241)
[30] CH (2002 1043/02) 2002-06-19

[21] **2,489,708**
[13] A1

[51] **Int.Cl. 7A61K 47/48**
[25] EN
[54] **A PROCESS FOR THE PREPARATION OF PIROXICAM: .BETA.-CYCLODEXTRIN INCLUSION COMPOUNDS**
[54] **PROCEDE POUR PREPARER DES COMPOSES D'INCLUSION DE PIROXICAM: .BETA.-CYCLODEXTRIN**
[72] CAPOCCHI, ANDREA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2004-12-16
[86] 2003-06-12 (PCT/EP2003/006142)
[87] 2003-12-24 (WO2003/105906)
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[13] A1
[51] **Int.Cl. 7B21D 39/04 7B25B 27/10**
[25] EN
[54] **CRIMPING APPARATUS**
[54] **APPAREIL DE SERTISSAGE**
[72] GRESS, PAUL W., US
[72] HAMM, JAMES E., US
[72] BOWLES, RICHARD R., US
[71] EMERSON ELECTRIC CO., US
[85] 2004-12-16
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[87] 2003-12-24 (WO2003/106068)
[30] US (60/389,217) 2002-06-17
[30] US (60/389,218) 2002-06-17

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[13] A1
[51] **Int.Cl. 7B65B 55/06 7B65B 55/14**
[25] EN
[54] **METHOD OF ASEPTIC FILLING**
[54] **TECHNIQUE DE REPARTITION ASEPTIQUE**
[72] KOJIMA, NAOYUKI, JP
[72] IMAI, TOSHIO, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2004-12-16
[86] 2003-06-17 (PCT/JP2003/007683)
[87] 2003-12-24 (WO2003/106270)
[30] JP (2002-175989) 2002-06-17

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[13] A1
[51] **Int.Cl. 7H04N 7/025 7H04N 7/10**
[25] EN
[54] **TELEVISION SIGNAL RECEIVER CAPABLE OF RECEIVING UPDATED INFORMATION ASSOCIATED WITH AN EMERGENCY ALERT FUNCTION**
[54] **RECEPTEUR DE SIGNAUX DE TELEVISION POUVANT RECEVOIR DES INFORMATIONS MISES A JOUR ASSOCIEES A UNE FONCTION D'ALERTE D'URGENCE**
[72] KENDALL, SCOTT ALLAN, US
[71] THOMSON LICENSING S.A., FR
[85] 2004-12-16
[86] 2003-06-10 (PCT/US2003/018148)
[87] 2004-01-08 (WO2004/004304)
[30] US (60/391,909) 2002-06-27

[21] **2,489,716**
[13] A1
[51] **Int.Cl. 7C08K 3/20 7C08L 43/02**
[25] EN
[54] **CORROSION RESISTANT FILMS BASED ON ETHYLENICALLY UNSATURATED MONOMER MODIFIED EPOXY EMULSIONS**
[54] **FILMS RESISTANT A LA CORROSION A BASE D'EMULSIONS EPOXY MODIFIEES PAR MONOMERE INSATURE EN ETHYLENE**
[72] YANG, ZHIGI, US
[72] BAMMEL, BRIAN D., US
[72] MCGEE, JOHN D., US
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2004-12-16
[86] 2003-07-14 (PCT/US2003/021774)
[87] 2004-01-22 (WO2004/007443)
[30] US (60/396,055) 2002-07-15

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[13] A1
[51] **Int.Cl. 7C01B 33/035**
[25] EN
[54] **REACTION APPARATUS FOR PRODUCING SILICON**
[54] **APPAREIL DE REACTION PERMETTANT LA PRODUCTION DE SILICIUM**
[72] WAKAMATSU, SATORU, JP
[72] NAKAMURA, YASUO, JP
[71] TOKUYAMA CORPORATION, JP
[85] 2004-12-16
[86] 2003-06-17 (PCT/JP2003/007657)
[87] 2003-12-24 (WO2003/106338)
[30] JP (2002-176653) 2002-06-18

[21] **2,489,719**
[13] A1
[51] **Int.Cl. 7A61F 13/15**
[25] EN
[54] **ABSORBENT ARTICLE HAVING A GRAPHIC VISIBLE THROUGH BODY CONTACTING SURFACE**
[54] **ARTICLE ABSORBANT COMPRENANT UN ELEMENT GRAPHIQUE VISIBLE A TRAVERS LA SURFACE VENANT EN CONTACT AVEC LE CORPS**
[72] ITO, KENSUKE, JP
[72] KONDO, SHURI, JP
[72] TOMI, KOICHI, JP
[72] NAKAO, YOSHIKO, JP
[72] SASAKI, AKIKO, JP
[72] MIURA, TSUNETOSHI, JP
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-12-16
[86] 2003-07-09 (PCT/US2003/021363)
[87] 2004-01-22 (WO2004/006818)
[30] US (60/396,115) 2002-07-16

[21] **2,489,720**
[13] A1
[51] **Int.Cl. 7C08L 51/00 7C08F 257/02 7C08F 265/04**
[25] EN
[54] **COMPOSITE MATERIAL COMPRISING CORE/SHELL PARTICLES**
[54] **MATERIAU COMPOSITE CONTENANT DES PARTICULES DE NOYAU ET DES PARTICULES D'ENVELOPPE**
[72] DOERR, HARALD, DE
[72] HELLMANN, GOETZ, DE
[72] RUHL, TILMANN, DE
[72] WINKLER, HOLGER, DE
[72] VULPIUS, GUENTHER, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2004-12-16
[86] 2003-05-19 (PCT/EP2003/005225)
[87] 2003-12-24 (WO2003/106557)
[30] DE (102 27 071.6) 2002-06-17

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[13] A1
[51] **Int.Cl. 7A61K 31/4164 7A61P 29/00 7A61P 19/02 7A61K 31/415 7A61K 31/42 7A61K 31/517**
[25] EN
[54] **COMBINATION OF AN ALLOSTERIC ALKYNE INHIBITOR OF MATRIX METALLOPROTEINASE-13 WITH CELECOXIB OR VALDECOXIB**
[54] **COMBINAISON D'UN INHIBITEUR ALCYNE ALLOSTERIQUE DE LA METALLOPROTEASE MATRICIELLE-13 ET DE CELECOXIB OU DE VALDECOXIB**
[72] ROARK, WILLIAM HOWARD, US
[71] WARNER-LAMBERT COMPANY, US
[85] 2004-12-16
[86] 2003-07-07 (PCT/IB2003/003154)
[87] 2004-01-22 (WO2004/006914)
[30] US (60/396,922) 2002-07-17

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[13] A1
[51] **Int.Cl. 7G01N 27/447 7G01N 27/453**
[25] EN
[54] **METHODS AND APPARATUS FOR LOW RESISTANCE ELECTROPHORESIS OF PRIOR-CAST, HYDRATABLE SEPARATION MEDIA**
[54] **PROCEDES ET APPAREIL D'ELECTROPHORESE A FAIBLE RESISTANCE DE MILIEUX DE SEPARATION HYDRATABLES DE PRE-MOULAGE**
[72] SCOTT, BRADLEY S., US
[72] ROONEY, REGINA D., US
[72] AMSHEY, JOSEPH W., US
[72] ENGELHORN, SHELDON, US
[72] JACKSON, THOMAS R., US
[71] INVITROGEN CORPORATION, US
[85] 2004-12-17
[86] 2003-06-17 (PCT/US2003/019335)
[87] 2003-12-24 (WO2003/106973)
[30] US (60/390,259) 2002-06-18

[21] **2,489,728**
[13] A1
[51] **Int.Cl. 7G01S 5/02 7H04B 1/707**
[25] EN
[54] **RADIO POSITIONING SYSTEM WIT INTERFERENCE REDUCTION**
[54] **PERFECTIONNEMENTS APPORTES A DES SYSTEMES DE POSITIONNEMENT RADIO**
[72] ROWE, ROBERT WILLEM, GB
[72] DUFFETT-SMITH, PETER JAMES, GB
[72] CLARKE, JOHN CHRISTOPHER, GB
[72] MACNAUGHTAN, MALCOLM DAVID, GB
[71] CAMBRIDGE POSITIONING SYSTEMS LIMITED, GB
[85] 2004-12-17
[86] 2003-05-13 (PCT/GB2003/001943)
[87] 2003-12-24 (WO2003/107029)
[30] EP (02254215.3) 2002-06-17

[21] **2,489,729**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATED ELECTRONIC INVOICE PRESENTMENT AND PAYMENT**
[54] **SYSTEME ET PROCEDE POUR LA PRESENTATION ET LE PAIEMENT INTEGRES DE FACTURES ELECTRONIQUES**
[72] KRIKORIAN, SHARI L., US
[72] DOWNS, EDWARD F., US
[72] LEVIN, JARED, US
[72] PHILLIOU, PHILIP J., US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2004-12-16
[86] 2003-06-18 (PCT/US2003/019497)
[87] 2003-12-24 (WO2003/107145)
[30] US (60/389,659) 2002-06-18
[30] US (60/391,905) 2002-06-27

[21] **2,489,730**
[13] A1
[51] **Int.Cl. 7A61K 31/44 7A61P 1/04 7A61K 31/4439**
[25] EN
[54] **USE OF MGLUR5 ANTAGONISTS FOR THE TREATMENT OF GERD**
[54] **EMPLOI D'ANTAGONISTES DE MGLUR5 POUR LE TRAITEMENT DU REFLUX GASTRO-OESOPHAGIEN**
[72] MATTSSON, JAN, SE
[72] LEHMANN, ANDERS, SE
[71] ASTRAZENECA AB, SE
[71] NPS PHARMACEUTICALS, INC., US
[85] 2004-12-15
[86] 2003-06-19 (PCT/US2003/016223)
[87] 2003-12-31 (WO2004/000316)
[30] SE (0201943-8) 2002-06-20

[21] **2,489,731**
[13] A1
[51] **Int.Cl. 7C09D 175/16 7C08G 18/08 7C08G 18/67 7C08G 18/80**
[25] EN
[54] **RADIATION-CURED COATING AGENT**
[54] **PRODUIT DE REVETEMENT RADIODURCISSABLE**
[72] WEIKARD, JAN, DE
[72] MAZANEK, JAN, DE
[72] NAUJOKS, KARIN, DE
[72] IRLE, CHRISTOPH, ES
[72] RISCHE, THORSTEN, DE
[72] FELLER, THOMAS, DE
[72] LUEHMANN, ERHARD, DE
[71] BAYER MATERIALSCIENCE AG, DE
[85] 2004-12-16
[86] 2003-06-04 (PCT/EP2003/005825)
[87] 2003-12-24 (WO2003/106577)
[30] DE (102 26 932.7) 2002-06-17

[21] **2,489,742**
[13] A1
[51] **Int.Cl. 7G06T 17/40**
[25] EN
[54] **PROBLEM SOLVING BY A CAD PROGRAM**
[54] **RESOLUTION DE PROBLEMES AU MOYEN D'UN PROGRAMME DE CAO**
[72] MEISENECKER, ROBERT, DE
[71] AUTODESK, INC., US
[85] 2004-12-16
[86] 2003-06-17 (PCT/EP2003/006386)
[87] 2003-12-24 (WO2003/107277)
[30] EP (02013531.5) 2002-06-18

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[21] **2,489,746**
[13] A1

[51] **Int.Cl. 7G11B 23/03**
[25] EN
[54] **STORAGE CONTAINER FOR DISK-SHAPED INFORMATION CARRIERS**
[54] **CONTENANT DE STOCKAGE POUR SUPPORTS D'INFORMATION EN FORME DE DISQUE**
[72] FOERSTER, FRITZ, DE
[72] NAATZ, JOACHIM, DE
[71] FOERSTER, FRITZ, DE
[71] NAATZ, JOACHIM, DE
[85] 2004-12-16
[86] 2003-06-13 (PCT/DE2003/001989)
[87] 2003-12-24 (WO2003/107344)
[30] DE (202 09 379.4) 2002-06-17

[21] **2,489,749**
[13] A1

[51] **Int.Cl. 7G06F 13/00**
[25] EN
[54] **APPARATUS FOR AND METHOD OF EXECUTING CUSTOMIZED INTERACTIVE COMPUTING SERVICES IN A BROADBAND NETWORK ENVIRONMENT**
[54] **APPAREIL ET PROCEDE POUR EXECUTER DES SERVICES INFORMATIQUES INTERACTIFS PERSONNALISES DANS UN ENVIRONNEMENT DE RESEAU A LARGE BANDE**
[72] WIECEK, JOHN J., JR., US
[72] SLOTHOUBER, LOUIS P., US
[72] YE, AARON Y., US
[72] DUDAR, M. ELLEN, US
[72] LENT, KELLY F., US
[71] BIAP SYSTEMS, INC, US
[85] 2004-12-17
[86] 2003-06-18 (PCT/US2003/019044)
[87] 2003-12-24 (WO2003/107196)
[30] US (10/173,565) 2002-06-18

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[13] A1

[51] **Int.Cl. 7C08K 3/06 7C08L 21/00 7C08K 9/08**
[25] EN
[54] **METHOD FOR VULCANIZING CAOUTCHOUC OR LATEX BY APPLYING A MIXTURE OF SULFUR AND A COMPLEXING AGENT**
[54] **PROCEDE DE VULCANISATION DE CAOUTCHOUC OU DE LATEX PAR L'APPLICATION D'UN MELANGE DE SUFRE ET D'AGENT COMPLEXANT**
[72] SCHNEIDER, KARL-HEINRICH, DE
[72] SCHOLZ, HERBERT, DE
[72] STANG, MICHAEL, DE
[72] PARG, ADOLF, DE
[72] FOERSTER, ROLF, DE
[72] STERZEL, HANS-JOSEF, DE
[72] TIDOW, JOERN, DE
[72] DANNER, THOMAS, DE
[72] ALBERT, BERNHARD, DE
[72] NIMTZ, FRITZ, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-12-16
[86] 2003-06-30 (PCT/EP2003/006894)
[87] 2004-01-15 (WO2004/005386)
[30] DE (102 30 801.2) 2002-07-08

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[13] A1

[51] **Int.Cl. 7H01M 4/58 7H01M 4/00**
[25] EN
[54] **CATHODE MATERIAL FOR LITHIUM BATTERY AND METHOD OF PRODUCTION THEREOF**
[54] **MATERIAU CATHODIQUE POUR BATTERIE AU LITHIUM ET PROCEDE DE FABRICATION DUDIT MATERIAU**
[72] VOLKOV, O.V., US
[72] NOVAK, PETER, US
[72] GORCHKOV, V.S., US
[71] ENERI BATTERY COMPANY, US
[85] 2004-12-17
[86] 2003-05-19 (PCT/US2003/015680)
[87] 2003-12-11 (WO2003/103078)
[30] US (10/158,361) 2002-05-30

[21] **2,489,762**
[13] A1

[51] **Int.Cl. 7E02D 29/14**
[25] EN
[54] **A FRAME FOR A RECESS IN THE GROUND AND MANHOLE ASSEMBLY**
[54] **CADRE POUR UN EVIDEMENT DANS LE SOL ET ENSEMBLE TROU D'HOMME**
[72] ROYER, JEAN-CLAUDE, FR
[72] PENDLETON, ALAN JACK, GB
[72] PICKAVANCE, JOHN NEIL, GB
[71] SAINT-GOBAIN PAM, FR
[85] 2004-12-16
[86] 2003-07-09 (PCT/EP2003/007478)
[87] 2004-01-22 (WO2004/007850)
[30] GB (0215943.2) 2002-07-10

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[13] A1

[51] **Int.Cl. 7C07D 265/30 7A61P 25/24 7A61K 31/5375**
[25] EN
[54] **PHARMACEUTICAL SALTS OF REBOXETINE**
[54] **SELS PHARMACEUTIQUES DE REBOXETINE**
[72] AIROLDI, ANNALISA, IT
[72] ZAMPIERI, MASSIMO, IT
[72] MARTINI, ALESSANDRO, IT
[71] PHARMACIA ITALIA S.P.A., IT
[85] 2004-12-16
[86] 2003-06-04 (PCT/EP2003/005261)
[87] 2003-12-24 (WO2003/106441)
[30] EP (02077366.9) 2002-06-17

[21] **2,489,765**
[13] A1

[51] **Int.Cl. 7B01D 3/32 7C07B 41/00 7C07C 7/04 7C07D 301/12 7B01D 3/14**
[25] EN
[54] **METHOD FOR CONTINUOUSLY OPERATED PURE DISTILLATION OF OXIRANES, ESPECIALLY PROPYLENE OXIDE**
[54] **PROCEDE DE DISTILLATION PURE OPEREE EN CONTINU D'OXIRANES, EN PARTICULIER D'OXYDE DE PROPYLENE**
[72] BASSLER, PETER, DE
[72] TELES, JOAQUIM, HENRIQUE, DE
[72] GOEBBEL, HANS-GEORG, DE
[72] RUDOLF, PETER, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-12-16
[86] 2003-07-23 (PCT/EP2003/008043)
[87] 2004-01-29 (WO2004/009204)
[30] DE (102 33 387.4) 2002-07-23

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[21] **2,489,766**
[13] A1

[51] **Int.Cl. 7G11C 16/06**
[25] EN
[54] **ROW DECODER CIRCUIT FOR USE IN PROGRAMMING A MEMORY DEVICE**
[54] **CIRCUIT DECODEUR DE LIGNES A UTILISER POUR LA PROGRAMMATION DE DISPOSITIFS MEMOIRES**
[72] MANEA, DANUT I., US
[71] ATMEL CORPORATION, US
[85] 2004-12-16
[86] 2003-04-14 (PCT/US2003/011463)
[87] 2003-12-24 (WO2003/107353)
[30] US (10/174,632) 2002-06-18

[21] **2,489,767**
[13] A1

[51] **Int.Cl. 7G09B 3/00**
[25] EN
[54] **THERAPEUTIC EXERCISE SYSTEM AND METHOD FOR A PARALYZED AND NONPARALYZED NEUROMUSCULOSKELETAL TRAINING SYSTEM**
[54] **METHODE ET SYSTEME D'EXERCICE THERAPEUTIQUE DESTINE A UN SYSTEME D'ENTRAINEMENT NEUROMUSCULOSQUELETTIQUE PARALYSE ET NON PARALYSE**
[72] SHIELDS, RICHARD, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2004-12-17
[86] 2003-06-18 (PCT/US2003/019344)
[87] 2003-12-24 (WO2003/105744)
[30] US (60/389,850) 2002-06-18

[21] **2,489,774**
[13] A1

[51] **Int.Cl. 7F42B 5/16 7F42B 5/03**
[25] EN
[54] **A CARTRIDGE ASSEMBLY FOR MULTIPLE PROJECTILES**
[54] **SYSTEME DE CARTOUCHE POUR PROJECTILES MULTIPLES**
[72] O'DWYER, JAMES MICHAEL, AU
[72] BISHOP, BEN, AU
[72] PURI, VINOD, AU
[72] BAMBACH, RAMON JOHN, AU
[71] METAL STORM LIMITED, AU
[85] 2004-12-16
[86] 2003-06-20 (PCT/AU2003/000773)
[87] 2003-12-31 (WO2004/001326)
[30] AU (PS 3037) 2002-06-20

[21] **2,489,777**
[13] A1

[51] **Int.Cl. 7G11B 7/24**
[25] EN
[54] **MULTI-LAYER OPTICAL STORAGE USING PRE-ORIENTATION IN A GLASS MATRIX**
[54] **MEMOIRE OPTIQUE MULTICOUCHE UTILISANT UNE ORIENTATION PREALABLE DANS UNE MATRICE VERRE**
[72] PEETERS, EMIEL, NL
[71] BROER, DIRK, J., NL
[72] BUSCH, CHRISTOPHER, NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2004-12-16
[86] 2003-06-04 (PCT/IB2003/002358)
[87] 2003-12-31 (WO2004/001733)
[30] EP (02077424.6) 2002-06-19

[21] **2,489,778**
[13] A1

[51] **Int.Cl. 7G01M 17/007 7B62D 17/00 7G01B 21/26**
[25] EN
[54] **DEVICE AND METHOD FOR MEASURING POSITION OF WHEEL INCLINATION ANGLE ADJUSTMENT MEMBER, SHAFT-LIKE WORK ADJUSTER, AND SHAFT-LIKE WORK SETTING METHOD**
[54] **DISPOSITIF ET PROCEDE POUR MESURER LA POSITION D'UN ELEMENT DE REGLAGE DE L'ANGLE D'INCLINAISON D'UNE ROUE, DISPOSITIF DE REGLAGE DE PIECE DU TYPE ARBRE, ET PROCEDE DE MISE EN PLACE DE PIECE DU TYPE ARBRE**
[72] OSADA, ATSUSHI, JP
[72] MIYAZAKI, AKIRA, JP
[72] IWANA, NOBUYUKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 2004-12-16
[86] 2003-05-19 (PCT/JP2003/006199)
[87] 2003-12-31 (WO2004/001365)
[30] JP (2002-179038) 2002-06-19
[30] JP (2002-179039) 2002-06-19

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[13] A1

[51] **Int.Cl. 7A61K 31/426 7A01N 1/02 7A61K 31/4166 7A61K 31/4168 7A61K 31/422 7A61K 31/423 7A61K 31/428 7A61K 31/538**
[25] EN
[54] **USE OF COMPOUNDS FOR INCREASING SPERMATOZOA MOTILITY**
[54] **UTILISATION DE COMPOSES POUR ACCROITRE LA MOTILITE DES SPERMATOZOIDES**
[72] DE LUCA, GIAMPIERO, CH
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., NL
[85] 2004-12-16
[86] 2003-07-10 (PCT/EP2003/050303)
[87] 2004-01-22 (WO2004/006916)
[30] EP (02100799.2) 2002-07-10
[30] EP (02102876.6) 2002-12-23

[21] **2,489,786**
[13] A1

[51] **Int.Cl. 7B65H 35/00**
[25] EN
[54] **TAPE DISPENSER**
[54] **DEVIDOIR DE RUBAN ADHESIF**
[72] MARTINEZ, JOSE M., US
[72] VAN TYLE, PETER R., US
[72] FERGOT, DAVID L., US
[71] HENKEL CONSUMER ADHESIVES, INC., US
[85] 2004-12-16
[86] 2003-07-08 (PCT/US2003/021085)
[87] 2004-01-22 (WO2004/007326)
[30] US (60/395,779) 2002-07-15
[30] US (10/609,221) 2003-06-27

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[13] A1

[51] **Int.Cl. 7G07F 9/02 7G07F 11/10 7G07F 11/32 7G07F 11/42**
[25] EN
[54] **METHOD AND SYSTEM FOR ACCOMPLISHING PRODUCT DETECTION**
[54] **PROCEDE ET SYSTEME POUR DETECTER UN PRODUIT**
[72] DUNCAN, BRIAN L., US
[72] GRINER, PAUL K., US
[72] BOOTH, WILLIAM E., US
[72] WHITTEN, DAVID B., US
[71] CRANE CO., US
[85] 2004-12-16
[86] 2002-06-19 (PCT/US2002/019292)
[87] 2003-12-31 (WO2004/001687)

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[51] **Int.Cl. 7C07D 487/04 7C07D 239/00 7C07D 253/00 7A61P 35/00 7A61K 31/53**
[25] EN
[54] **3-FURANYL ANALOGS OF TOXOFLAVINE AS KINASE INHIBITORS**
[54] **ANALOGUES DE 3-FURANYLE DE TOXOFLAVINE EN TANT QU'INHIBITEURS DE KINASE**
[72] LACRAMPE, JEAN FERNAND ARMAND, FR
[72] CONNORS, RICHARD WILLIAM, US
[72] RICHARDSON, ALAN, GB
[72] HO, CHIH YUNG, US
[72] FREYNE, EDDY JEAN EDGARD, BE
[72] BUIJNSTERS, PETER JACOBUS JOHANNES ANTONIUS, BE
[72] BAKKER, ANNETTE CORNELIA, BE
[71] JANSSEN PHARMACEUTICA N.V., BE
[85] 2004-12-16
[86] 2003-07-08 (PCT/EP2003/050293)
[87] 2004-01-22 (WO2004/007499)
[30] EP (02077822.1) 2002-07-15

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[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61P 25/22 7A61P 25/24**
[25] EN
[54] **COMBINATIONS OF PDE-V INHIBITORS AND NK1 ANTAGONISTS FOR THE TREATMENT OF DEPRESSION**
[54] **COMBINAISONS D'INHIBITEURS DE PDE-V ET D'ANTAGONISTES DE NK1 DANS LE TRAITEMENT DE LA DEPRESSION**
[72] SCHMIDT, CHRISTOPHER JOSEPH, US
[72] LEBEL, LORRAINE ANN, US
[72] SOBOLOV-JAYNES, SUSAN BETH, US
[71] PFIZER PRODUCTS INC., US
[85] 2004-12-16
[86] 2003-06-05 (PCT/IB2003/002524)
[87] 2003-12-24 (WO2003/105815)
[30] US (60/389,225) 2002-06-17

[21] **2,489,792**
[13] A1

[51] **Int.Cl. 7H04B 1/38**
[25] EN
[54] **REDUCING CROSS-INTERFERENCE IN A COMBINED GPS RECEIVER AND COMMUNICATION SYSTEM**
[54] **REDUCTION DU BROUILLAGE CROISE DANS UN RECEPTEUR GPS ET UN SYSTEME DE COMMUNICATION COMBINE**
[72] KRASNER, NORMAN F., US
[71] SNAPTRACK INCORPORATED, US
[85] 2004-12-16
[86] 2002-06-20 (PCT/US2002/020302)
[87] 2003-12-31 (WO2004/001993)

[21] **2,489,793**
[13] A1

[51] **Int.Cl. 7B65B 3/02**
[25] EN
[54] **DEVICE FOR BLOW MOULDING, FILLING AND CLOSING PLASTIC CONTAINERS**
[54] **DISPOSITIF DE SOUFFLAGE, DE REMPLISSAGE ET DE FERMETURE DE CONTENANTS EN PLASTIQUE**
[72] HANSEN, BERND, DE
[71] HANSEN, BERND, DE
[85] 2004-12-16
[86] 2004-04-27 (PCT/EP2004/004419)
[87] 2004-12-02 (WO2004/103817)
[30] DE (103 23 335.0) 2003-05-23

[21] **2,489,795**
[13] A1

[51] **Int.Cl. 7C08G 63/16 7C09D 167/02 7C08G 63/78**
[25] EN
[54] **COPOLYMERIZATION OF CYCLIC ESTER OLIGOMERS**
[54] **COPOLYMERISATION D'OLIGOMERES D'ESTERS CYCLIQUES**
[72] BRUGEL, EDWARD G., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-12-16
[86] 2003-07-11 (PCT/US2003/021742)
[87] 2004-01-22 (WO2004/007589)
[30] US (60/395,557) 2002-07-12

[21] **2,489,796**
[13] A1

[51] **Int.Cl. 7H04B 7/00**
[25] EN
[54] **METHOD FOR TUNING AN ENVELOPE TRACKING AMPLIFICATION SYSTEM**
[54] **PROCEDE D'ACCORD D'UN SYSTEME D'AMPLIFICATION SUIVEUR D'ENVELOPPE**
[72] ANDERSON, DALE, US
[72] MITZLAFF, JAMES E., US
[71] MOTOROLA, INC., US
[85] 2004-12-16
[86] 2003-05-05 (PCT/US2003/013902)
[87] 2003-12-31 (WO2004/002006)
[30] US (10/175,666) 2002-06-20

[21] **2,489,800**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING BUSINESS INTELLIGENCE BASED ON SHIPPING INFORMATION**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR UNE VEILLE ECONOMIQUE EN FONCTION D'INFORMATIONS DE LIVRAISON**
[72] SHROFF, SUMEET, US
[72] KADABA, NAGESH, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2004-12-16
[86] 2003-06-06 (PCT/US2003/017762)
[87] 2003-12-31 (WO2004/001531)
[30] US (10/176,467) 2002-06-21

[21] **2,489,801**
[13] A1

[51] **Int.Cl. 7A61B 17/17 7A61B 17/15**
[25] EN
[54] **ADJUSTABLE SURGICAL GUIDE AND METHOD OF TREATING VERTEBRAL MEMBERS**
[54] **GUIDE CHIRURGICAL REGLABLE ET METHODE DE TRAITEMENT D'ELEMENTS VERTEBRAUX**
[72] VAN HOECK, JAMES E., US
[72] FOLEY, KEVIN, US
[72] HAID, REGIS, US
[72] HEIM, STEPHEN E., US
[72] PAPADOPOULOS, STEPHEN M., US
[71] SDGI HOLDINGS, INC., US
[85] 2004-12-17
[86] 2003-06-12 (PCT/US2003/018526)
[87] 2003-12-31 (WO2004/000140)
[30] US (10/175,221) 2002-06-19

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[21] **2,489,802**
[13] A1

[51] **Int.Cl. 7A23K 1/16**
[25] EN
[54] **GROWTH PROMOTOR**
[54] **ANABOLISANT**
[72] MIETTINEN, HARRI, FI
[72] LOFGREN, TIMO, FI
[71] KEMIRA OYJ, FI
[85] 2004-12-17
[86] 2003-06-19 (PCT/FI2003/000504)
[87] 2003-12-31 (WO2004/000037)
[30] FI (20021234) 2002-06-24

[21] **2,489,804**
[13] A1

[51] **Int.Cl. 7B65B 1/04 7B67C 3/00 7B65B 3/04**
[25] EN
[54] **STERILE FILLING MACHINE HAVING NEEDLE FILLING STATION WITHIN E-BEAM CHAMBER**
[54] **MACHINE DE REMPLISSAGE STERILE COMPRENANT UNE STATION DE REMPLISSAGE PAR AIGUILLE A L'INTERIEUR D'UNE CHAMBRE A FAISCEAU D'ELECTRONS**
[72] PY, DANIEL, US
[71] MEDICAL INSTILL TECHNOLOGIES, INC., US
[85] 2004-12-17
[86] 2003-06-19 (PCT/US2003/019656)
[87] 2003-12-31 (WO2004/000100)
[30] US (60/390,212) 2002-06-19

[21] **2,489,806**
[13] A1

[51] **Int.Cl. 7A61K 9/127**
[25] EN
[54] **LIPOSOMES CONTAINING BIOLOGICALLY ACTIVE COMPOUNDS**
[54] **LIPOSOMES CONTENANT DES COMPOSES BIOLOGIQUEMENT ACTIFS**
[72] MCLEAN, SCOTT A., CA
[72] CAMPBELL, WILLIAM R., US
[71] PIEDMONT PHARMACEUTICALS, LLC, US
[85] 2004-12-17
[86] 2003-06-19 (PCT/US2003/019719)
[87] 2003-12-31 (WO2004/000226)
[30] US (60/390,508) 2002-06-21
[30] US (10/366,584) 2003-02-12

[21] **2,489,808**
[13] A1

[51] **Int.Cl. 7A61B 5/00**
[25] EN
[54] **PERFUSION MONITOR AND SYSTEM, INCLUDING SPECIFICALLY CONFIGURED OXIMETER PROBES AND COVERS FOR OXIMETER PROBES**
[54] **REGULATEUR ET SYSTEME POUR PERFUSION NON INVASIVE, SONDES D'OXYMETRE A CONFIGURATION SPECIALE, PROCEDES D'UTILISATION CORRESPONDANTS, CAPUCHONS DE SONDE, DISPOSITIFS POUR COMBINAISON CANULE/SONDE NASALE DE SPHYGMO-OXYMETRE, REGULATEUR D'OXYGENE EN BOUCLE FERMEE A CAPTEUR D'OXYMETRIE PULSEE, ET DISPOSITIF COMBINE RESPIRATEUR**
[72] MELKER, RICHARD, US
[72] NAPPO, ROBERT, US
[72] WORLEY, GEORGE, US
[72] LAYON, JOSEPH A., US
[71] UNIVERSITY OF FLORIDA, US
[85] 2004-12-17
[86] 2003-06-19 (PCT/US2003/019294)
[87] 2003-12-31 (WO2004/000114)
[30] US (10/176,310) 2002-06-20

[21] **2,489,810**
[13] A1

[51] **Int.Cl. 7A61K 6/00 7A61K 7/00**
[25] EN
[54] **USE OF THIO-OXINDOLE DERIVATIVES IN TREATMENT OF SKIN DISORDERS**
[54] **UTILISATION DE DERIVES DE THIO-OXINDOLE DANS LE TRAITEMENT DE TROUBLES CUTANES**
[72] FENSOME, ANDREW, US
[72] HARRISON, DIANE DEBORAH, US
[72] WINNEKER, RICHARD CRAIG, US
[71] WYETH, US
[85] 2004-12-17
[86] 2003-06-23 (PCT/US2003/019791)
[87] 2003-12-31 (WO2004/000227)
[30] US (60/391,913) 2002-06-25

[21] **2,489,811**
[13] A1

[51] **Int.Cl. 7A61B 10/00 7A61B 17/34**
[25] EN
[54] **DUAL OUTSIDE DIAMETER CANNULA FOR INSERTION INTO BONE**
[54] **CATHETER A DOUBLE DIAMETRE EXTERNE, DESTINE A ETRE INSERE DANS UN OS**
[72] LIM, ROY K., US
[72] SCHOFIELD, ERIC, US
[72] SHERMAN, MICHAEL C., US
[71] SDGI HOLDINGS, INC., US
[85] 2004-12-17
[86] 2003-06-17 (PCT/US2003/019138)
[87] 2003-12-31 (WO2004/000127)
[30] US (10/176,223) 2002-06-20

[21] **2,489,813**
[13] A1

[51] **Int.Cl. 7A61K 31/40**
[25] EN
[54] **USE OF THIO-OXINDOLE DERIVATIVES IN TREATMENT OF HORMONE-RELATED CONDITIONS**
[54] **UTILISATION DE DERIVES DE THIO-OXINDOLE DANS LE TRAITEMENT D'ETATS PATHOLOGIQUES LIES AUX HORMONES**
[72] FENSOME, ANDREW, US
[72] WINNEKER, RICHARD CRAIG, US
[72] GRUBB, GARY S., US
[72] HARRISON, DIANE DEBORAH, US
[71] WYETH, US
[85] 2004-12-17
[86] 2003-06-23 (PCT/US2003/019710)
[87] 2003-12-31 (WO2004/000225)
[30] US (60/391,826) 2002-06-25

[21] **2,489,814**
[13] A1

[51] **Int.Cl. 7B32B 3/00 7B65D 65/38**
[25] FR
[54] **EMBOSSSED MARKING**
[54] **MARQUAGE EN RELIEF**
[72] MANGANELLI, TONY, CH
[72] ANCONA, TERESA, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2004-12-17
[86] 2003-06-19 (PCT/CH2003/000397)
[87] 2003-12-31 (WO2004/000542)
[30] EP (02405517.0) 2002-06-21

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[21] **2,489,815**
[13] A1
[51] **Int.Cl. 7A61K 31/535 7A61K 31/56**
[25] EN
[54] **CYCLOTHIOCARBAMATIVE DERIVATIVES AS PR MODULATORS AND USE THEREOF FOR TREATMENT OF SKIN DISORDERS**
[54] **DERIVES DE CYCLOTHIOCARBAMATIVE UTILISES COMME MODULATEURS PR ET LEUR UTILISATION POUR TRAITER DES TROUBLES CUTANES**
[72] KERN, JEFFREY CURTIS, US
[72] ZHANG, PUWEN, US
[72] TEREFENKO, EUGENE ANTHONY, US
[72] WINNEKER, RICHARD CRAIG, US
[72] HARRISON, DIANE DEBORAH, US
[72] FENSOME, ANDREW, US
[71] WYETH, US
[85] 2004-12-17
[86] 2003-06-23 (PCT/US2003/019860)
[87] 2003-12-31 (WO2004/000230)
[30] US (60/391,885) 2002-06-25

[21] **2,489,817**
[13] A1
[51] **Int.Cl. 7C08L 77/12 7C08K 7/04 7C08K 7/14 7C08K 7/18 7C08K 7/28**
[25] EN
[54] **FORMALDEHYDE-FREE AQUEOUS BINDER COMPOSITION FOR MINERAL FIBERS**
[54] **COMPOSITION DE LIANT AQUEUSE SANS FORMALDEHYDE POUR FIBRES MINERALES**
[72] HUSEMOEN, THOR, DK
[72] NISSEN, POVL, DK
[72] HANSEN, ERLING LENNART, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2004-12-17
[86] 2003-07-14 (PCT/EP2003/007597)
[87] 2004-01-22 (WO2004/007615)
[30] EP (02015781.4) 2002-07-15

[21] **2,489,819**
[13] A1
[51] **Int.Cl. 7B25B 7/04 7B25B 7/12 7B25B 7/14**
[25] EN
[54] **SELF-ADJUSTING PLIERS**
[54] **PINCE AUTOREGLABLE**
[72] CARMICHAEL, ERIC B., US
[72] SEBER, BRETT P., US
[71] CARMICHAEL, ERIC B., US
[71] SEBER, BRETT P., US
[85] 2004-12-16
[86] 2003-06-18 (PCT/US2003/016221)
[87] 2004-03-11 (WO2004/020153)
[30] US (60/390,007) 2002-06-18

[21] **2,489,820**
[13] A1
[51] **Int.Cl. 7B32B 17/00 7B32B 31/00 7B65D 81/03**
[25] EN
[54] **CUSHIONED ENVELOPE**
[54] **ENVELOPPE REMBOURREE**
[72] KANNANKERIL, CHARLES, US
[72] BRANDOLINI, MAURIZIO, IT
[71] SEALED AIR CORPORATION (US), US
[85] 2004-12-17
[86] 2003-06-17 (PCT/US2003/019209)
[87] 2003-12-31 (WO2004/000548)
[30] US (10/175,787) 2002-06-20

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[13] A1
[51] **Int.Cl. 7C08F 220/04 7C08F 289/00 7C08L 51/00 7C09D 133/02 7C09D 11/08 7C09D 11/10 7C08F 220/64**
[25] EN
[54] **CARBOXYLIC ACID-MODIFIED VINYLIC POLYMERIC COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES VINYLIQUES MODIFIEES PAR L'ACIDE CARBOXYLIQUE**
[72] CONTE, ALEXANDER JOHN, US
[72] HUTTER, G. FREDERICK, US
[71] MEADWESTVACO CORPORATION, US
[85] 2004-12-17
[86] 2003-06-25 (PCT/US2003/020024)
[87] 2004-01-22 (WO2004/007578)
[30] US (10/192,277) 2002-07-10

[21] **2,489,823**
[13] A1
[51] **Int.Cl. 7A61K 6/06 7C04B 28/06**
[25] EN
[54] **SYSTEM FOR A DENTAL FILLING MATERIAL OR IMPLANT MATERIAL, AND POWDERED MATERIAL, HYDRATION LIQUID, IMPLANT MATERIAL AND METHOD OF ACHIEVING BONDING**
[54] **SYSTEME DESTINE A UN MATERIAU D'OBTURATION DENTAIRE OU UN MATERIAU D'IMPLANT, ET MATERIAU EN POWDRE, LIQUIDE D'HYDRATATION, MATERIAU D'IMPLANT, ET PROCEDE DE LIAISON**
[72] KRAFT, LARS, SE
[72] ENGQVIST, HAKAN, SE
[72] AHNFELT, NILS-OTTO, SE
[72] HERMANSSON, LEIF, SE
[72] SCHULZ-WALZ, JAN-ERIK, SE
[72] LOOF, JESPER, SE
[71] DOXA AKTIEBOLAG, SE
[85] 2004-12-17
[86] 2003-06-11 (PCT/SE2003/000954)
[87] 2003-12-31 (WO2004/000239)
[30] SE (0201920-6) 2002-06-20
[30] SE (0201921-4) 2002-06-20
[30] SE (0202998-1) 2002-10-09

[21] **2,489,824**
[13] A1
[51] **Int.Cl. 7C07D 403/12 7C07D 401/14 7C07D 403/14 7A61K 31/506**
[25] EN
[54] **PROCESSES FOR PREPARING SUBSTITUTED PYRIMIDINES AND PYRIMIDINE DERIVATIVES AS INHIBITORS OF PROTEIN KINASE**
[54] **PROCEDES POUR LA PREPARATION DE PYRIMIDINES SUBSTITUEES ET DERIVES DE PYRIMIDINES UTILISES COMME INHIBITEURS DES PROTEINE-KINASES**
[72] CHARRIER, JEAN-DAMIEN, GB
[72] MAZZEL, FRANCESCA, GB
[72] KAY, DAVID, GB
[72] MILLER, ANDREW, GB
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2004-12-17
[86] 2003-06-19 (PCT/US2003/019266)
[87] 2003-12-31 (WO2004/000833)
[30] US (60/390,658) 2002-06-20
[30] US (60/411,609) 2002-09-18

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[21] **2,489,826**
[13] A1

[51] **Int.Cl. 7G01S 7/52**
[25] FR
[54] **STRUCTURE D'ENTREE POUR ECHOGRAPHIE A ULTRASONS**
[54] **INPUT ARRANGEMENT FOR ULTRASONIC ECHOGRAPHY**
[72] MONINI, DIDIER, FR
[72] POMATA, FRANCESCO, FR
[71] THALES ULTRASONICS SAS, FR
[85] 2004-12-17
[86] 2003-06-20 (PCT/FR2003/001906)
[87] 2003-12-31 (WO2004/001444)
[30] FR (02/07744) 2002-06-21

[21] **2,489,827**
[13] A1

[51] **Int.Cl. 7H01L 31/109**
[25] EN
[54] **NANOTUBE PERMEABLE BASE TRANSISTOR AND METHOD OF MAKING SAME**
[54] **TRANSISTOR A BASE PERMEABLE EN NANOTUBES ET METHODES DE PRODUCTION**
[72] RUECKES, THOMAS, US
[72] SEGAL, BRENT M., US
[72] VOGELI, BERNHARD, US
[71] NANTERO, INC., US
[85] 2004-12-17
[86] 2003-06-17 (PCT/US2003/019144)
[87] 2003-12-31 (WO2004/001860)
[30] US (10/175,586) 2002-06-19
[30] US (10/174,889) 2002-06-19

[21] **2,489,834**
[13] A1

[51] **Int.Cl. 7C07C 235/34 7A61P 3/06 7A61P 3/10 7A61K 31/19 7C07C 323/62**
[25] EN
[54] **ORTHO-SUBSTITUTED BENZOIC ACID DERIVATIVES FOR THE TREATMENT OF INSULIN RESISTANCE**
[54] **DERIVES DE L'ACIDE BENZOIQUE ORTHO-SUBSTITUES DESTINES AU TRAITEMENT DE L'INSULINORESISTANCE**
[72] LI, LANNA, SE
[71] ASTRAZENECA AB, SE
[85] 2004-12-17
[86] 2003-06-17 (PCT/GB2003/002584)
[87] 2003-12-31 (WO2004/000790)
[30] SE (0201935-4) 2002-06-20
[30] SE (0203826-3) 2002-12-20

[21] **2,489,836**
[13] A1

[51] **Int.Cl. 7A61K 6/06 7C04B 28/06**
[25] EN
[54] **A SYSTEM FOR A CHEMICALLY BONDED CERAMIC MATERIAL, A POWDERED MATERIAL AND A HYDRATION LIQUID THEREFORE, THE CERAMIC MATERIAL, A METHOD FOR ITS PRODUCTION AND A DEVICE**
[54] **SYSTEME DESTINE A UN MATERIAU CERAMIQUE LIE CHIMIQUEMENT, MATERIAU EN POUVRE ET LIQUIDE D'HYDRATATION ASSOCIES, CE MATERIAU CERAMIQUE, PROCEDE DE PRODUCTION DUDIT MATERIAU ET DISPOSITIF**
[72] LOOF, JESPER, SE
[72] AHNFELT, NILS-OTTO, SE
[72] HERMANSSON, LEIF, SE
[72] ENGQVIST, HAKAN, SE
[71] DOXA AKTIEBOLAG, SE
[85] 2004-12-17
[86] 2003-06-11 (PCT/SE2003/000955)
[87] 2003-12-31 (WO2004/000240)
[30] SE (0201918-0) 2002-06-20
[30] SE (0202696-1) 2002-09-10

[21] **2,489,837**
[13] A1

[51] **Int.Cl. 7H01Q 1/38 7H01Q 5/00 7H01Q 1/24 7H01Q 9/26 7H01Q 21/28**
[25] EN
[54] **MULTIPLE-ELEMENT ANTENNA WITH PARASITIC COUPLER**
[54] **ANTENNE A ELEMENTS MULTIPLES A COUPLEUR PARASITE**
[72] JARMUSZEWSKI, PERRY, CA
[72] QI, YIHONG, CA
[72] MAN, YING TONG, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2004-12-17
[86] 2003-06-16 (PCT/CA2003/000876)
[87] 2003-12-31 (WO2004/001898)
[30] US (60/390,491) 2002-06-21

[21] **2,489,838**
[13] A1

[51] **Int.Cl. 7G02B 6/36**
[25] EN
[54] **FIBER-OPTIC ENDFACE CLEANING APPARATUS AND METHOD**
[54] **PROCEDE ET DISPOSITIF DE NETTOYAGE DE SURFACE D'EXTREMITE DE FIBRE OPTIQUE**
[72] GERHARD, GREGORY J., US
[72] CASSADY, KEVIN, US
[72] LYTLE, STEVE, US
[71] WESTOVER SCIENTIFIC, INC., US
[85] 2004-12-16
[86] 2003-07-10 (PCT/US2003/021638)
[87] 2004-01-29 (WO2004/010189)
[30] US (10/199,925) 2002-07-18
[30] US (10/428,954) 2003-05-01

[21] **2,489,839**
[13] A1

[51] **Int.Cl. 7G06F 15/173**
[25] EN
[54] **AUTHENTICATION IN A COMMUNICATION SYSTEM**
[54] **AUTHENTIFICATION DANS UN SYSTEME DE COMMUNICATION**
[72] HSU, RAYMOND T., US
[71] QUALCOMM INCORPORATED, US
[85] 2004-12-17
[86] 2003-06-20 (PCT/US2003/019458)
[87] 2003-12-31 (WO2004/001985)
[30] US (10/177,088) 2002-06-20

[21] **2,489,842**
[13] A1

[51] **Int.Cl. 7C07C 255/29 7A01N 39/02 7A61P 33/10 7A61P 33/14 7C07C 323/20 7A61K 31/277 7A61K 31/343 7A61K 31/36 7C07D 317/64 7C07D 307/86**
[25] EN
[54] **AMINOACETONITRILE DERIVATIVES SUITABLE FOR CONTROLLING PARASITES**
[54] **COMPOSES ORGANIQUES**
[72] DUCRAY, PIERRE, FR
[72] GOEBEL, THOMAS, DE
[71] NOVARTIS AG, CH
[85] 2004-12-17
[86] 2003-06-18 (PCT/EP2003/006490)
[87] 2003-12-31 (WO2004/000793)
[30] CH (1047/02) 2002-06-19

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[21] **2,489,843**
[13] A1

[51] **Int.Cl. 7C08F 110/02 7C07F 3/02 7C08F 4/654**
[25] EN
[54] **ENHANCED SOLUBILITY OF MAGNESIUM HALIDES AND CATALYSTS AND POLYMERIZATION PROCESSES USING SAME**
[54] **SOLUBILITE AMELIOREE D'HALOGENURES DE MAGNESIUM, CATALYSEURS ET PROCEDES DE POLYMERISATION UTILISANT CEUX-CI**
[72] WAGNER, BURKHARD E., US
[72] HEPBURN, CYNTHIA A., US
[72] JORGENSEN, ROBERT J., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2004-12-17
[86] 2003-07-15 (PCT/US2003/021913)
[87] 2004-01-22 (WO2004/007561)
[30] US (10/196,704) 2002-07-15

[21] **2,489,847**
[13] A1

[51] **Int.Cl. 7A61K 31/535 7A61K 31/16 7A61K 31/265**
[25] EN
[54] **USE OF CYCLOTHIOCARBAMATE DERIVATIVES IN TREATMENT OF HORMONE-RELATED CONDITIONS**
[54] **UTILISATION DE DERIVES DE CYCLOTHIOCARBAMATE POUR LE TRAITEMENT DE PATHOLOGIES D'ORIGINE HORMONALE**
[72] ZHANG, PUWEN, US
[72] FENSOME, ANDREW, US
[72] KERN, JEFFREY CURTIS, US
[72] HARRISON, DIANE DEBORAH, US
[72] GRUBB, GARY S., US
[72] TREFENKO, EUGENE ANTHONY, US
[72] WINNEKER, RICHARD CRAIG, US
[71] WYETH, US
[85] 2004-12-17
[86] 2003-06-23 (PCT/US2003/019751)
[87] 2003-12-31 (WO2004/000801)
[30] US (60/391,871) 2002-06-25

[21] **2,489,854**
[13] A1

[51] **Int.Cl. 7A61K 31/4178 7A61K 47/08 7A61P 31/10 7A61K 47/32 7A61K 47/34 7A61K 47/38**
[25] EN
[54] **ANTIFUNGAL MEDICINAL COMPOSITIONS**
[54] **COMPOSITION MEDICINALE FONGICIDE**
[72] NAKASHIMA, TAKUJI, JP
[72] SASAGAWA, HIDEAKI, JP
[72] NOZAWA, AKIRA, JP
[72] ITO, MADOKA, JP
[71] POLA CHEMICAL INDUSTRIES INC., JP
[85] 2004-12-17
[86] 2003-06-10 (PCT/JP2003/007367)
[87] 2003-12-24 (WO2003/105841)
[30] JP (2002-177060) 2002-06-18

[21] **2,489,856**
[13] A1

[51] **Int.Cl. 7B62D 21/02 7B62D 21/18**
[25] EN
[54] **LOW LOAD FLOOR MOTOR VEHICLE**
[54] **VEHICULE A MOTEUR A PLANCHER SURBAISSE**
[72] BARTEL, JAMES J., US
[71] ARBOC LTD., US
[85] 2004-12-17
[86] 2003-06-17 (PCT/US2003/019030)
[87] 2003-12-24 (WO2003/106247)
[30] US (10/175,355) 2002-06-18

[21] **2,489,857**
[13] A1

[51] **Int.Cl. 7F16B 19/00 7F16B 1/04 7F16B 21/06**
[25] EN
[54] **FIXING AND RELEASE SYSTEMS**
[54] **SYSTEMES DE PREHENSION/RELACHEMENT**
[72] SIZER, GEOFFREY DAVID, AU
[72] GOLDSPIK, LACHLAN RICHARD, AU
[72] RUDDUCK, DICKORY, AU
[71] TELEZYGOLOGY INC., AU
[85] 2004-12-17
[86] 2003-06-19 (PCT/AU2003/000759)
[87] 2003-12-31 (WO2004/001235)
[30] AU (PS 3123) 2002-06-19

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[13] A1

[51] **Int.Cl. 7B65D 25/20 7B65D 51/24**
[25] EN
[54] **CONTAINER WITH INTEGRAL CARD HOLDER**
[54] **RECEPTACLE MUNI D'UN SUPPORT DE CARTE EN UNE SEULE PIECE**
[72] BAKER, PAUL J., US
[71] MARS, INC., US
[85] 2004-12-17
[86] 2003-06-17 (PCT/US2003/019008)
[87] 2003-12-24 (WO2003/106283)
[30] US (60/389,215) 2002-06-17

[21] **2,489,860**
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61P 43/00 7A61P 19/02 7A61P 35/02 7A61P 11/06 7A61P 17/06 7A61K 39/395**
[25] EN
[54] **CHEMOTACTIC FACTOR INHIBITOR FOR MODULATING INFLAMMATORY REACTIONS**
[54] **INHIBITEUR DE FACTEUR CHIMIOTACTIQUE DESTINE A MODULER DES REACTIONS INFLAMMATOIRES**
[72] TESSIER, PHILIPPE A., CA
[72] VANDAL, KAREN, CA
[72] ROULEAU, PASCAL, CA
[72] RYCKMAN, CARLE, CA
[71] UNIVERSITE LAVAL, CA
[85] 2004-12-17
[86] 2003-06-20 (PCT/CA2003/000939)
[87] 2004-01-15 (WO2004/004770)
[30] US (60/393,520) 2002-07-05

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[13] A1

[51] **Int.Cl. 7A61K 6/06 7C04B 28/06**
[25] EN
[54] **POWDERED MATERIAL, METHOD OF MANUFACTURING IT, RAW COMPACT OF THE POWDERED MATERIAL AND DEVICE FOR THE POWDERED MATERIAL**
[54] **MATERIAU EN POUDRE, PROCEDE DE FABRICATION DE CE MATERIAU, COMPRIME BRUT CONSTITUE DE CE MATERIAU EN POUDRE ET DISPOSITIF POUR CE MATERIAU EN POUDRE**
[72] HERMANSSON, LEIF, SE
[72] ENGQVIST, HAKAN, SE
[71] DOXA AKTIEBOLAG, SE
[85] 2004-12-17
[86] 2003-06-11 (PCT/SE2003/000956)
[87] 2003-12-31 (WO2004/000241)
[30] SE (0201918-0) 2002-06-20

[21] **2,489,864**
[13] A1

[51] **Int.Cl. 7B05D 7/00**
[25] EN
[54] **DIP, SPRAY, AND FLOW COATING PROCESS FOR FORMING COATED ARTICLES**
[54] **PROCEDE DE FORMATION D'ARTICLES REVETUS, PAR TREMPAGE, PULVERISATION, OU ASPERSION**
[72] HUTCHINSON, GERALD A., US
[72] LEE, ROBERT A., GB
[71] ADVANCED PLASTICS TECHNOLOGIES LTD., GB
[85] 2004-12-17
[86] 2003-07-03 (PCT/US2003/022333)
[87] 2004-01-15 (WO2004/004929)
[30] US (60/394,092) 2002-07-03
[30] US (60/422,251) 2002-10-28
[30] US (60/441,718) 2003-01-21

[21] **2,489,866**
[13] A1

[51] **Int.Cl. 7C08B 37/00 7C08B 37/08 7C08B 37/10 7A61K 31/726 7A61K 31/727 7A61K 31/737**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF N-ACYL-(EPI)K5-AMINE-O-SULFATE-DERIVATIVES AND PRODUCTS THUS OBTAINED**
[54] **PROCEDE DE FABRICATION DE DERIVES DE N-ACYL-(EPI)K5-AMINE-O-SULFATE ET PRODUITS AINSI OBTENUS**
[72] ZOPPETTI, GIORGIO, IT
[72] ORESTE, PASQUA ANNA, IT
[71] GLYCORES 2000 S.R.L., IT
[85] 2004-12-17
[86] 2003-06-17 (PCT/IB2003/002339)
[87] 2003-12-24 (WO2003/106505)
[30] IT (MI2002A001345) 2002-06-18
[30] IT (MI2002A001346) 2002-06-18
[30] IT (MI2002A001854) 2002-08-27

[21] **2,489,862**
[13] A1

[51] **Int.Cl. 7C08B 37/00 7C08B 37/08 7C08B 37/10 7A61K 31/726 7A61K 31/727 7A61K 31/737**
[25] EN
[54] **EPIMERIZED DERIVATIVES OF K5 POLYSACCHARIDE WITH A VERY HIGH DEGREE OF SULFATION**
[54] **DERIVES EPIMERISES DE K5 POLYSACCHARIDES A TRES FORT DEGRE DE SULFATATION**
[72] ZOPPETTI, GIORGIO, IT
[72] ORESTE, PASQUA ANNA, IT
[71] GLYCORES 2000 S.R.L., IT
[85] 2004-12-17
[86] 2003-06-17 (PCT/IB2003/002338)
[87] 2003-12-24 (WO2003/106504)
[30] IT (MI2002A001345) 2002-06-18
[30] IT (MI2002A001346) 2002-06-18
[30] IT (MI2002A001854) 2002-08-27

[21] **2,489,865**
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 9/06 7A61K 9/12**
[25] EN
[54] **TRANSDERMAL DELIVERY RATE CONTROL USING AMORPHOUS PHARMACEUTICAL COMPOSITIONS**
[54] **COMMANDE DE DEBIT D'APPORT TRANSDERMIQUE UTILISANT DES COMPOSITIONS PHARMACEUTIQUES AMORPHES**
[72] REED, BARRY LEONARD, AU
[72] FINNIN, BARRIE CHARLES, AU
[72] WILKINS, NINA FRANCES, AU
[72] KLOSE, KATHRYN TRACI-JANE, AU
[72] MORGAN, TIMOTHY MATTHIAS, AU
[71] ACRUX DDS PTY LTD., AU
[85] 2004-12-17
[86] 2003-06-24 (PCT/AU2003/000787)
[87] 2003-12-31 (WO2004/000263)
[30] US (60/391,081) 2002-06-25

[21] **2,489,867**
[13] A1

[51] **Int.Cl. 7B65D 5/54 7B31B 1/14 7B65D 71/36**
[25] EN
[54] **SEVERABLE CARTON WALL**
[54] **PAROI DE CARTON SEPARABLE**
[72] OLIFF, JAMES R., US
[72] BATES, AARON, US
[71] MEADWESTVACO PACKAGING SYSTEMS LLC, US
[85] 2004-12-17
[86] 2003-06-16 (PCT/US2003/019071)
[87] 2003-12-31 (WO2004/000665)
[30] US (10/179,785) 2002-06-21

[21] **2,489,868**
[13] A1

[51] **Int.Cl. 7B32B 27/14 7C08L 31/04**
[25] EN
[54] **PROCESS FOR PRINTING AND MOLDING A FLOCKED ARTICLE**
[54] **PROCEDE D'IMPRESSION ET DE MOULAGE D'UN ARTICLE FLOQUE**
[72] ABRAMS, LOUIS BROWN, US
[71] HIGH VOLTAGE GRAPHICS, INC., US
[85] 2004-12-17
[86] 2003-07-03 (PCT/US2003/021302)
[87] 2004-01-15 (WO2004/005023)
[30] US (60/393,362) 2002-07-03
[30] US (60/416,098) 2002-10-04
[30] US (10/265,206) 2002-10-04
[30] US (60/422,206) 2002-10-29
[30] US (60/443,986) 2003-01-30
[30] US (10/394,357) 2003-03-21

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[21] **2,489,869**
[13] A1

[51] **Int.Cl. 7B01D 53/26 7B60T 17/00**
[25] EN
[54] **SPIN-ON DESSICANT CARTRIDGE WITH INTEGRAL OIL REMOVAL FILTER**
[54] **CARTOUCHE D'AGENT DESSICCATIF FILETEE COMPORTANT UN FILTRE A HUILE INTEGRE**
[72] KOENIG, JAMES P., US
[72] FORNOF, WILLIAM P., US
[72] QUINN, LEONARD, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2004-12-16
[86] 2003-07-23 (PCT/US2003/022940)
[87] 2004-02-05 (WO2004/011125)
[30] US (10/250,795) 2002-07-26

[21] **2,489,870**
[13] A1

[51] **Int.Cl. 7C08B 37/00 7C08B 37/08 7C08B 37/10 7A61K 31/726 7A61K 31/727 7A61K 31/737**
[25] EN
[54] **LOW MOLECULAR WEIGHT OVERSULFATED POLYSACCHARIDE**
[54] **POLYSACCHARIDE SURSULFATE DE FAIBLE POIDS MOLECULAIRE**
[72] ORESTE, PASQUA ANNA, IT
[72] ZOPPETTI, GIORGIO, IT
[71] GLYCORES 2000 S.R.L., IT
[85] 2004-12-17
[86] 2003-06-17 (PCT/IB2003/002347)
[87] 2003-12-24 (WO2003/106506)
[30] IT (MI2002A001345) 2002-06-18
[30] IT (MI2002A001346) 2002-06-18
[30] IT (MI2002A001854) 2002-08-27

[21] **2,489,871**
[13] A1

[51] **Int.Cl. 7B65D 75/52 7A47G 23/02 7B65D 5/42**
[25] EN
[54] **DISPENSERS**
[54] **DISTRIBUTEURS**
[72] HORE, MICHAEL CHARLES, GB
[72] HARTLEY, CHRISTOPHER, GB
[71] KEYBROOK LIMITED, GB
[71] CAB FLOMAX LIMITED, GB
[85] 2004-12-17
[86] 2003-06-20 (PCT/GB2003/002699)
[87] 2003-12-31 (WO2004/000686)
[30] GB (0214229.7) 2002-06-20

[21] **2,489,872**
[13] A1

[51] **Int.Cl. 7B65H 3/00**
[25] EN
[54] **DISPENSER FOR SOLID OBJECTS**
[54] **DISTRIBUTEUR POUR OBJETS SOLIDES**
[72] GIRAUD, JEAN PIERRE, FR
[71] CSP TECHNOLOGIES, INC., US
[85] 2004-12-17
[86] 2003-06-20 (PCT/US2003/019407)
[87] 2003-12-31 (WO2004/000703)
[30] US (10/177,786) 2002-06-20

[21] **2,489,874**
[13] A1

[51] **Int.Cl. 7C09C 1/00**
[25] EN
[54] **PLANE-PARALLEL STRUCTURES OF SILICON/SILICON OXIDE**
[54] **STRUCTURES PLANES-PARALLELES DE SILICIUM/OXYDE DE SILICIUM**
[72] LEYBACH, HOLGER, DE
[72] WEINERT, HILMAR, DE
[72] BUJARD, PATRICE, CH
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2004-12-17
[86] 2003-06-16 (PCT/EP2003/050229)
[87] 2003-12-24 (WO2003/106569)
[30] DE (102 27 229.8) 2002-06-18
[30] EP (03405017.9) 2003-01-17
[30] EP (03100548.1) 2003-03-06

[21] **2,489,875**
[13] A1

[51] **Int.Cl. 7C08K 3/34 7C08F 8/00 7C08C 19/28**
[25] EN
[54] **FUNCTIONALIZED ELASTOMER NANOCOMPOSITE**
[54] **NANOCOMPOSITE ELASTOMERE FONCTIONNALISE**
[72] TSOU, ANDY H., US
[72] DIAS, ANTHONY J., US
[72] GONG, CAIGUO, US
[72] KARP, KRISS R., US
[72] POOLE, BEVERLY J., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2004-12-17
[86] 2003-05-30 (PCT/US2003/017204)
[87] 2004-01-15 (WO2004/005388)
[30] US (60/394,152) 2002-07-05

[21] **2,489,876**
[13] A1

[51] **Int.Cl. 7C10G 9/00**
[25] EN
[54] **CONVERTING MIST FLOW TO ANNULAR FLOW IN THERMAL CRACKING APPLICATION**
[54] **CONVERSION DE FLUX BROUILLARD EN FLUX ANNULAIRE POUR APPLICATION DE CRAQUAGE THERMIQUE**
[72] STELL, RICHARD C., US
[72] DINICOLANTONIO, ARTHUR R., US
[72] BANCROFT, JENNIFER L., US
[72] STEPHENS, GEORGE, US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2004-12-17
[86] 2003-06-27 (PCT/US2003/020375)
[87] 2004-01-15 (WO2004/005431)
[30] US (10/188,461) 2002-07-03
[30] US (10/89,618) 2002-07-03
[30] US (10/188,901) 2002-07-03

[21] **2,489,887**
[13] A1

[51] **Int.Cl. 7B23B 27/22**
[25] EN
[54] **CUTTING INSERT**
[54] **INSERT DE COUPE**
[72] TONG, NELSON PAO CHUNG, US
[71] MANCHESTER TOOL COMPANY, US
[85] 2004-12-17
[86] 2003-06-16 (PCT/US2003/018845)
[87] 2003-12-31 (WO2004/000510)
[30] US (10/174,799) 2002-06-19

[21] **2,489,888**
[13] A1

[51] **Int.Cl. 7C10G 9/00**
[25] EN
[54] **PROCESS FOR CRACKING HYDROCARBON FEED WITH WATER SUBSTITUTION**
[54] **PROCEDE DE CRAQUAGE D'UNE CHARGE D'HYDROCARBURE AVEC SUBSTITUTION D'EAU**
[72] STELL, RICHARD C., US
[72] FRYE, JAMES MITCHELL, SG
[72] DINICOLANTONIO, ARTHUR R., US
[72] SPICER, DAVID B., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2004-12-17
[86] 2003-06-27 (PCT/US2003/020377)
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[54] **ENCAPSULATED CATHODE HANGER BAR AND METHOD OF MANUFACTURING**
[54] **BARRE DE SUSPENSION DE CATHODE POURVUE D'UNE ENVELOPPE ET PROCEDE DE FABRICATION**
[72] ROBINSON, VICTOR, CA
[72] DETULLEO, JAMES JOSEPH, CA
[72] IVERSON, GORDON S., CA
[72] BEALES, IAN J., CA
[71] FALCONBRIDGE LIMITED, CA
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[87] 2003-12-24 (WO2003/106738)
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[54] **REWARD SYSTEM**
[54] **SYSTEME DE RECOMPENSE**
[72] WALL, STEPHEN L., US
[72] FREEMAN, GREGORY J., US
[72] KORFHAGEN, EDWARD J., US
[72] CIANCIO, DAVID, US
[72] SCHIESLER, JAMES E., US
[72] STERN, RICHARD P., US
[72] HAY, SIMON, US
[72] COY, ADRIAN, US
[72] HINDS, MARK, US
[72] MYATT, SARAH, US
[71] THE KROGER CO., US
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[25] EN
[54] **PROCESS AND APPARATUS FOR MANUFACTURING LITHIUM SHEET**
[54] **PROCESSUS ET APPAREIL POUR FABRIQUER UNE FEUILLE DE LITHIUM**
[72] DUBE, JONATHAN, CA
[72] LALIBERTE, RICHARD, CA
[71] AVESTOR LIMITED PARTNERSHIP, CA
[85] 2004-12-17
[86] 2003-06-16 (PCT/CA2003/000871)
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[30] US (10/172,020) 2002-06-17

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[25] EN
[54] **NICKEL POWDER AND PRODUCTION METHOD THEREFOR**
[54] **POUDRE DE NICKEL ET METHODE POUR SA PRODUCTION**
[72] FUTAKI, SHOJI, JP
[72] KATO, TOSHIHIRO, JP
[72] OKADA, SHUJI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2004-11-16
[86] 2003-11-19 (PCT/JP2003/014754)
[87] 2005-02-28 (WO/)
[30] JP (2003-305704) 2003-08-29

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[25] EN
[54] **A VALVE ASSEMBLY FOR OPENING AND CLOSING A FUEL LINE**
[54] **ENSEMBLE SOUPAPE POUR LA FERMETURE ET L'OUVERTURE D'UNE TUYAUTERIE DE CARBURANT**
[72] LINDEN, SEAN, GB
[71] THE LINDEN SHIELD LIMITED, GB
[85] 2004-12-17
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[87] 2003-12-24 (WO2003/106871)
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[54] **CHIPPER KNIFE**
[54] **LAME DE DECHIQUETEUSE**
[72] BILLER, SVEN-OLOV, SE
[71] IGGESUND TOOLS AB, SE
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[54] **COMMON APERTURE ANTENNA**
[54] **ANTENNE A OUVERTURE COMMUNE**
[72] GUY, RONALD FRANK EDWARD, GB
[71] BAE SYSTEMS PLC, GB
[85] 2004-12-17
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[54] **ETIQUETTE ADHESIVE A REVETEMENT A SENSATION TACTILE**
[72] FEARN, RICHARD, US
[72] SPEAR, RICHARD, US
[71] SPEAR U.S.A., L.L.C., US
[85] 2004-12-17
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[54] **PROCEDE ET APPAREIL PERMETTANT DE LOCALISER DES DISPOSITIFS**
[72] MARSHALL, IAN WILLIAM, GB
[72] ROBINSON, DAVID PETER, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
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[54] **THIAZOLE DERIVATIVES AS PHOSPHODIESTERASE IV INHIBITORS**
[54] **DERIVES THIAZOLE SERVANT D'INHIBITEURS DE PHOSPHODIESTERASE IV**
[72] EGGENWEILER, HANS-MICHAEL, DE
[72] WOLF, MICHAEL, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
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[54] **OSTEOPONTINE, OLIGODENDROCYTES ET MYELINATION**
[72] JI, ZHONGQI, US
[72] KHORKOVA, OLGA, US
[72] CAMACHO, FERNANDO, US
[72] PU, SU-FEN, US
[72] BUSCH, STEVE, US
[72] ZHANG, XIN, US
[72] MERRILL, JEAN, US
[72] CHEN, YANGDE, US
[72] YAO, ZHENGBIN, US
[72] DINERSTEIN, ROBERT J., US
[72] CHANDROSS, KAREN, US
[72] CHEN, TING, US
[72] WANG, MIN, US
[72] LEE, LAN, US
[71] AVENTIS PHARMACEUTICALS INC., US
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[54] **MANAGEMENT OF DO-NOT-CALL DATABASES IN PREDICTIVE DIALING CALL CENTERS**
[54] **GESTION DE BASES DE DONNEES DE RETRAIT DE NUMEROS DE TELEPHONE DANS DES CENTRES D'APPEL AVEC COMPOSITION PREDICTIVE**
[72] BOUDRIEAU, RICHARD P., US
[72] FOTTA, KEITH A., US
[71] GRYPHON NETWORKS, INC., US
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[54] **PASTEURISATION PROCESS FOR MICROBIAL CELLS AND MICROBIAL OIL**
[54] **PROCEDE DE PASTEURISATION DE CELLULES MICROBIENNES ET D'HUILE MICROBIENNE**
[72] VERKOEIJEN, DANIEL, NL
[72] SCHAAP, ALBERT, NL
[71] DSM IP ASSETS B.V., NL
[85] 2004-12-17
[86] 2003-06-20 (PCT/EP2003/006553)
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[54] **PROCEDE DE PRODUCTION DE MALTITOL CRISTALLIN**
[72] HONDA, JUNYA, JP
[72] UENO, RYUZO, JP
[72] FURUKAWA, YOJIRO, JP
[71] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUSHO, JP
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[54] **ENZYMATIC PRESS FELT TREATMENT**
[54] **TRAITEMENT DE FEUTRE DE PRESSE ENZYMATIQUE**
[72] THOMAS, GEORGE S., US
[72] SINGLETON, FREDDIE L., US
[72] MCKENDREE, G. GUNAR, US
[72] PEASE, JACQUELINE, US
[71] HERCULES INCORPORATED, US
[85] 2004-12-17
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[25] EN
[54] **COMPLEXING AGENT FOR TREATING METALLIC AND PLASTIC SURFACES**
[54] **AGENT COMPLEXANT POUR LE TRAITEMENT DE SURFACES METALLIQUES ET PLASTIQUES**
[72] FRIEDRICH, RALF, DE
[72] HESSE, WERNER, DE
[72] WITTELER, HELMUT, DE
[72] JAEGER, HANS-ULRICH, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-12-17
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[30] DE (102 27 362.6) 2002-06-19

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[13] A1
[51] **Int.Cl. 7G01R 33/44**
[25] EN
[54] **ANTENNA CORE MATERIAL FOR USE IN MWD RESISTIVITY MEASUREMENTS AND NMR MEASUREMENTS**
[54] **MATERIAU DE NOYAU D'ANTENNE A UTILISER DANS DES MESURES DE RESISTIVITE DE TELEMETRIE DE FOND ET DES MESURES DE RESONANCE MAGNETIQUE NUCLEAIRE**
[72] KRUSPE, THOMAS, DE
[72] REIDERMAN, ARCADY, US
[72] ROTTENGATTER, PETER, DE
[72] BLANZ, MARTIN, DE
[71] BAKER HUGHES INCORPORATED, US
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[25] EN
[54] **MORTGAGE FINANCING SYSTEM**
[54] **SYSTEME DE CREDIT HYPOTHECAIRE**
[72] NICHOLS, EVELYN, US
[71] NICHOLS, EVELYN, US
[85] 2004-12-17
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[51] **Int.Cl. 7D21J 1/04 7D21J 3/00**
[25] EN
[54] **AN INSTALLATION FOR MANUFACTURING OF SHAPED ELEMENTS FROM FIBROUS WASTE MATERIAL AND A METHOD OF USING THE SAME**
[54] **INSTALLATION POUR LA FABRICATION D'ELEMENTS FACONNES A PARTIR DE DECHETS FIBREUX ET SON PROCEDE D'UTILISATION**
[72] SKJELMOSE, FRANK, DK
[71] METANITE A/S, DK
[85] 2004-12-17
[86] 2003-06-19 (PCT/DK2003/000407)
[87] 2003-12-31 (WO2004/001134)
[30] DK (PA 2002 00954) 2002-06-21

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[51] **Int.Cl. 7E04B 1/76 7E04B 2/02**
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[54] **WALL CONSTRUCTION AND COMPONENT FOR THE SAME**
[54] **STRUCTURE DE MUR ET ELEMENT DE CONSTRUCTION CORRESPONDANT**
[72] SCHWAN, CHRISTOPH, DE
[71] URBIGKEIT, STEFAN, DE
[85] 2004-12-17
[86] 2002-06-19 (PCT/EP2002/006787)
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[51] **Int.Cl. 7A63F 13/00**
[25] EN
[54] **AN ATHLETIC GAME LEARNING TOOL, CAPTURE SYSTEM, AND SIMULATOR**
[54] **OUTIL D'APPRENTISSAGE DE JEU ATHLETIQUE, SYSTEME DE SAISIE ET SIMULATEUR**
[72] MATTHEWS, ROBIN, US
[71] MATTHEWS, ROBIN, US
[85] 2004-12-17
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[51] **Int.Cl. 7E21B 44/00**
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[54] **APPARATUS AND METHOD OF MONITORING AND SIGNALING FOR DOWNHOLE TOOLS**
[54] **APPAREIL ET PROCEDE DE SUIVI ET DE SIGNALISATION POUR OUTIL DE FOND DE Puits**
[72] STANDEN, ROBERT, CA
[71] BJ SERVICES COMPANY, US
[85] 2004-12-17
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[13] A1
[51] **Int.Cl. 7H04Q 7/20**
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[54] **RATE CONTROL FOR MULTI-CHANNEL COMMUNICATION SYSTEMS**
[54] **COMMANDE DE DEBIT DE SYSTEMES DE COMMUNICATION A CANAUX MULTIPLES**
[72] KADOUS, TAMER, US
[72] FERNANDEZ-CORBATON, IVAN JESUS, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-12-17
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[54] **DETECTEUR D'INCENDIE**
[72] SCHLEGEL, MAX, CH
[72] HESS, KURT, CH
[71] SIEMENS BUILDING TECHNOLOGIES AG, CH
[85] 2004-12-17
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[30] EP (02013657.8) 2002-06-20

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[51] **Int.Cl. 7G06T 15/00 7G06T 11/00**
[25] EN
[54] **CROSS-PLATFORM AND DATA-SPECIFIC VISUALISATION OF 3D DATA RECORDS**
[54] **VISUALISATION D'ENSEMBLES DE DONNEES 3D MULTIPLATEFORME ET SPECIFIQUE AUX DONNEES**
[72] DICK, JOCHEN, DE
[72] HORNEGGER, JOACHIM, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-12-17
[86] 2003-06-06 (PCT/DE2003/001898)
[87] 2003-12-31 (WO2004/001675)
[30] DE (102 27 308.1) 2002-06-19

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[13] A1

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[25] EN
[54] **A SUPPORT ELEMENT FOR AN EXTRACORPOREAL FLUID TRANSPORT LINE**
[54] **ELEMENT DE SUPPORT POUR UN TUBE D'ECOULEMENT EXTRACORPOREL**
[72] CALEFFI, LUCA, IT
[72] DELNEVO, ANNALISA, IT
[71] GAMBRO LUNDIA AB, SE
[85] 2004-12-17
[86] 2003-06-12 (PCT/IB2003/002239)
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[30] IT (MI2002A001498) 2002-07-09
[30] IT (MO2003A000106) 2003-04-18

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[13] A1

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[25] EN
[54] **TREATMENT OF A MIXTURE CONTAINING CELLULOSE WITH A REDUCING AGENT**
[54] **TRAITEMENT D'UN MELANGE CONTENANT DE LA CELLULOSE AVEC UN AGENT DE REDUCTION**
[72] BRATEKAS, ASBJORN E., NO
[72] SCARPELLO, JUSTIN T., NO
[72] BARTHOLSEN, OVE, NO
[72] HJERDE, TORGEIR, NO
[71] BORREGAARD CHEMCELL, NO
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[86] 2003-06-24 (PCT/EP2003/006652)
[87] 2004-01-08 (WO2004/003290)
[30] US (10/184,009) 2002-06-26

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[13] A1

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[54] **SATIETY INDUCING COMPOSITION**
[54] **COMPOSITION INDUISANT LA SATIETE**
[72] GERHARDT, CINDERELLA CHRISTINA, NL
[71] UNILEVER PLC, GB
[85] 2004-12-17
[86] 2003-06-13 (PCT/EP2003/006212)
[87] 2004-01-08 (WO2004/002241)
[30] EP (02254622.0) 2002-07-01

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[51] **Int.Cl. 7A61K 31/195 7C12Q 1/68**
[25] EN
[54] **METHODS FOR PREVENTING AND TREATING MICROBIAL INFECTIONS BY MODULATING TRANSCRIPTION FACTORS**
[54] **METHODES DE PREVENTION ET DE TRAITEMENT D'INFECTIONS MICROBIENNES PAR MODULATION DE FACTEURS DE TRANSCRIPTION**
[72] ALEKSHUN, MICHAEL N., US
[72] LEVY, STUART B., US
[71] PARATEK PHARMACEUTICALS, INC., US
[85] 2004-12-22
[86] 2003-06-24 (PCT/US2003/019831)
[87] 2003-12-31 (WO2004/000228)
[30] US (60/391,345) 2002-06-24
[30] US (60/421,218) 2002-10-25
[30] US (60/429,142) 2002-11-26
[30] US (60/458,935) 2003-03-31

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[13] A1

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[54] **VENTURI AUGMENTED FLOW METER**
[54] **DEBITMETRE A EFFET VENTURI**
[72] GYSLING, DANIEL L., US
[71] WEATHERFORD/LAMB, INC., US
[85] 2004-12-17
[86] 2003-06-09 (PCT/GB2003/002511)
[87] 2004-01-08 (WO2004/003484)
[30] US (10/186,382) 2002-06-28

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[51] **Int.Cl. 7G11B 20/12 7G11B 7/00**
[25] EN
[54] **OPTICAL RECORDING MEDIUM, INFORMATION PROCESSING DEVICE USING THE RECORDING MEDIUM, AND DATA RECORDING METHOD**
[54] **SUPPORT D'ENREGISTREMENT OPTIQUE, DISPOSITIF DE TRAITEMENT DE DONNEES UTILISANT CE SUPPORT D'ENREGISTREMENT ET PROCEDE D'ENREGISTREMENT DE DONNEES**
[72] SENSU, SUSUMU, JP
[72] TACHINO, RYUYA, JP
[72] KOBAYASHI, SHOEI, JP
[71] SONY CORPORATION, JP
[85] 2004-12-17
[86] 2003-06-24 (PCT/JP2003/007999)
[87] 2004-01-08 (WO2004/003910)
[30] JP (2002-189347) 2002-06-28

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[25] EN
[54] **BREATH FRESHENING AND ORAL CLEANSING PRODUCT WITH CINNAMALDEHYDE**
[54] **RAFRAICHISSEUR D'HALEINE ET PRODUIT D'HYGIENE BUCCALE CONTENANT UN CINNAMALDEHYDE**
[72] MAXWELL, JAMES ROY, US
[72] GREENBERG, MICHAEL J., US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2004-12-20
[86] 2003-06-25 (PCT/US2003/020060)
[87] 2003-12-31 (WO2004/000234)
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[54] **BATTERY INCLUDING CARBON FOAM CURRENT COLLECTORS**
[54] **ACCUMULATEUR COMPRENANT DES COLLECTEURS DE COURANT EN MOUSSE DE CARBONE**
[72] VOTOUPAL, JOHN J., US
[72] KELLEY, KURTIS C., US
[71] FIREFLY ENERGY INC., US
[85] 2004-12-17
[86] 2003-05-22 (PCT/US2003/016262)
[87] 2004-01-08 (WO2004/004027)
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[13] A1

[51] **Int.Cl. 7H04J 14/02**
[25] EN
[54] **WDM LAYER-BASED OCHP DEVICE AND METHOD THEREOF**
[54] **DISPOSITIF DE PROTECTION DE CANAUX OPTIQUES A BASE DE COUCHES WDM METHODE CONNEXE**
[72] LI, WEISHI, CN
[72] XUE, YOUDAO, CN
[72] XIAO, DIANJUN, CN
[72] ZHANG, SHIYIN, CN
[72] LUO, WENBIN, CN
[72] LIU, YANMING, CN
[71] HUawei TECHNOLOGIES CO., LTD., CN
[85] 2004-12-17
[86] 2003-05-29 (PCT/CN2003/000407)
[87] 2004-01-08 (WO2004/004183)
[30] CN (02125068.5) 2002-07-01

[21] **2,489,955**
[13] A1

[51] **Int.Cl. 7A61K 7/32 7A61K 7/48**
[25] EN
[54] **ANTIPERSPIRANT STICK WITH COOLING AND DRYING EFFECT**
[54] **BATONNET ANTITRANSPIRANT A EFFET RAFRAICHISSANT ET SECHANT**
[72] GUENIN, ERIC, US
[72] CHOPRA, SUMAN, US
[72] HALL-PUZIO, PATRICIA, US
[72] MIANO, ROSEMARY, US
[72] MATTAI, JAIRAJH, US
[71] COLGATE-PALMOLIVE, US
[85] 2004-12-21
[86] 2003-06-23 (PCT/US2003/019867)
[87] 2003-12-31 (WO2004/000255)
[30] US (10/178,595) 2002-06-24

[21] **2,489,957**
[13] A1

[51] **Int.Cl. 7F02M 25/07**
[25] EN
[54] **EGR SYSTEM WITH ACIDIC COMPONENTS REMOVAL**
[54] **PROCEDE ET SYSTEME PERMETTANT DE PROLONGER LA DUREE DE VIE D'UN LUBRIFIANT DANS DES SYSTEMES DE REASPIRATION DES GAZ D'ECHAPPEMENT A COMBUSTION INTERNE**
[72] GAO, JASON ZHISHENG, US
[72] CONTI, RICCARDO, US
[72] HAFEZ, MEDI MOSTAFA, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2004-12-17
[86] 2003-07-29 (PCT/US2003/023802)
[87] 2004-02-05 (WO2004/011784)
[30] US (60/399,523) 2002-07-30
[30] US (10/620,059) 2003-07-15

[21] **2,489,961**
[13] A1

[51] **Int.Cl. 7G07F 7/02 7B42D 15/04 7B42D 15/08**
[25] EN
[54] **VALUE CARRIER FOR PREPAID VALUE UNITS**
[54] **SUPPORT DE VALEUR POUR UNITES DE VALEUR A PREPAIEMENT**
[72] TAKEN, JAN WILLEM, NL
[71] TAKEN, JAN WILLEM, NL
[85] 2004-12-17
[86] 2003-06-16 (PCT/NL2003/000443)
[87] 2004-04-01 (WO2004/027722)
[30] NL (1020955) 2002-06-28

[21] **2,489,962**
[13] A1

[51] **Int.Cl. 7G11B 33/04 7E05B 73/00 7B65D 85/57**
[25] EN
[54] **STORAGE CASE FOR AT LEAST ONE PICTURE, AUDIO, OR DATA CARRYING MEDIUM SUCH AS FOR EXAMPLE, A COMPACT DISC OR DVD**
[54] **CASSETTE DE STOCKAGE POUR AU MOINS UN SUPPORT D'IMAGES, DE SONS OU DE DONNEES, PAR EXEMPLE UN CD OU UN DVD**
[72] LAMMERANT, FILIP, BE
[71] CARTONNERIES DE THULIN S.A., BE
[85] 2004-12-17
[86] 2003-06-20 (PCT/EP2003/006584)
[87] 2003-12-31 (WO2004/001759)
[30] DE (202 09 566.5) 2002-06-20

[21] **2,489,965**
[13] A1

[51] **Int.Cl. 7C07D 498/08 7A61P 25/28 7A61K 31/5386**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF DISEASES RELATED TO NEUROTROPHINES**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE MALADIES ASSOCIEES AUX NEUROTROPHINES**
[72] GARACI, ENRICO, IT
[72] TORCIA, MARIA, IT
[72] COZZOLINO, FEDERICO, IT
[72] GUARNA, ANTONIO, IT
[71] MIMETECH S.R.L., IT
[85] 2004-12-15
[86] 2003-06-18 (PCT/EP2003/006471)
[87] 2003-12-31 (WO2004/000324)
[30] IT (FI2002A000107) 2002-06-19

[21] **2,489,969**
[13] A1

[51] **Int.Cl. 7G06F 13/28**
[25] EN
[54] **SYSTEM AND METHOD FOR EXPLICIT COMMUNICATION OF MESSAGES BETWEEN PROCESSES RUNNING ON DIFFERENT NODES IN A CLUSTERED MULTIPROCESSOR SYSTEM**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION EXPLICITE DE MESSAGES ENTRE DES PROCESSUS EXECUTES SUR DIFFERENTS NOEUDS DANS UN SYSTEME MULTIPROCESSEUR GROUPE**
[72] DICKSON, CHRISTOPHER, US
[72] CALIGA, DAVID, US
[72] POZNANOVIC, DANIEL, US
[72] O'CONNOR, JAMES, US
[71] SRC COMPUTERS, INC., US
[85] 2004-12-17
[86] 2003-09-16 (PCT/US2003/029445)
[87] 2004-05-06 (WO2004/038539)
[30] US (10/278,345) 2002-10-23

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[21] **2,489,971**
[13] A1

[51] **Int.Cl. 7B62K 1/00 7B62K 3/00**
[25] EN
[54] **A FOOT-PROPELLED, WHEELED HOBBY OR SPORT DEVICE**
[54] **DISPOSITIF DE LOISIRS OU DE SPORT A ROUES, PROPULSE AUX PIEDS**
[72] GOCZEY, REKA, US
[72] UNGAR, SOMA, HU
[72] GOCZEY, LUCA, HU
[72] GOCZEY, PETER, HU
[72] GOCZEY, KINGA, HU
[72] GOCZEY, ANDRAS, HU
[71] M W INNOVATORS LIMITED, GB
[85] 2004-12-16
[86] 2003-06-18 (PCT/HU2003/000043)
[87] 2003-12-31 (WO2004/000635)
[30] HU (P 0202038) 2002-06-20
[30] HU (P 0301528) 2003-06-02

[21] **2,489,977**
[13] A1

[51] **Int.Cl. 7A47G 7/08**
[25] EN
[54] **FLORAL SLEEVE AND METHOD OF COVERING A FLOWER POT**
[54] **CACHE-POT ET PROCEDE PERMETTANT DE RECOUVRIR UN POT DE FLEUR**
[72] STRAETER, JOSEPH G., US
[72] WEDER, DONALD E., US
[72] KLEMME, MICHAEL R., US
[71] SOUTHPAC TRUST INTERNATIONAL, INC., NOT INDIVIDUALLY BUT AS A TRUSTEE OF THE FAMILY TRUST U/T/A/ DATED DECEMBER 8, 1995, CK
[85] 2004-12-17
[86] 2002-10-04 (PCT/US2002/033316)
[87] 2003-04-17 (WO2003/030693)
[30] US (09/972,499) 2001-10-05
[30] US (10/135,334) 2002-04-25

[21] **2,489,982**
[13] A1

[51] **Int.Cl. 7C12P 7/64 7C11C 1/00 7A61K 7/00 7A61K 31/20 7A61K 31/232 7A23L 1/30 7A61K 7/48**
[25] EN
[54] **PREPARATION OF MICROBIAL OIL CONTAINING POLYUNSATURATED FATTY ACIDS**
[54] **PREPARATION D'HUILE MICROBIENNE**
[72] BROCKEN, PETRUS JOSEPH MARIA, NL
[72] STREEKSTRA, HUGO, NL
[71] DSM IP ASSETS B.V., NL
[85] 2004-12-17
[86] 2003-06-20 (PCT/EP2003/006552)
[87] 2004-01-29 (WO2004/009827)
[30] EP (02254262.5) 2002-06-19
[30] EP (02258713.3) 2002-12-18
[30] EP (03251169.3) 2003-02-26

[21] **2,489,975**
[13] A1

[51] **Int.Cl. 7H01F 1/00 7B22F 9/24**
[25] EN
[54] **MONODISPERSABLE MAGNETIC NANOCOLLOIDS HAVING AN ADJUSTABLE SIZE AND METHOD FOR THE PRODUCTION THEREOF**
[54] **NANOCOLLOIDES MAGNETIQUES A DISPERSION UNIFORME ET DE TAILLE AJUSTABLE, ET LEUR PROCEDE DE PRODUCTION**
[72] WALDOEFNER, NORBERT, DE
[72] BRINKMANN, RAINER, DE
[72] BRIJOUX, WERNER, DE
[72] MATOUSSEVITCH, NINA, DE
[72] BOENNEMANN, HELMUT, DE
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
[85] 2004-12-17
[86] 2003-04-12 (PCT/EP2003/003814)
[87] 2003-12-31 (WO2004/001776)
[30] DE (102 27 779.6) 2002-06-21

[21] **2,489,979**
[13] A1

[51] **Int.Cl. 7H04M 3/51 7H04M 7/00**
[25] EN
[54] **CENTRALISED ADMINISTRATION OF A CALL CENTRE**
[54] **GESTION CENTRALISEE D'UN CENTRE D'APPELS**
[72] HERRMANN, UWE, DE
[72] HANDEL, PETER, DE
[72] SARKAR, SOMA, IN
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-12-17
[86] 2002-06-11 (PCT/DE2002/002132)
[87] 2002-12-27 (WO2002/103990)
[30] DE (101 29 322.4) 2001-06-19

[21] **2,489,983**
[13] A1

[51] **Int.Cl. 7H01J 7/24 7H01T 19/00 7H01T 23/00**
[25] EN
[54] **AN ELECTROSTATIC FLUID ACCELERATOR FOR AND METHOD OF CONTROLLING A FLUID FLOW**
[54] **ACCELERATEUR ELECTROSTATIQUE DE FLUIDE ET PROCEDE ASSOCIE PERMETTANT DE COMMANDER L'ECOULEMENT D'UN FLUIDE**
[72] KRICHTAFOVITCH, IGOR A., US
[72] GOROBETS, VLADIMIR L., US
[71] KRONOS ADVANCED TECHNOLOGIES INC., US
[85] 2004-12-17
[86] 2003-06-23 (PCT/US2003/019651)
[87] 2004-06-17 (WO2004/051689)
[30] US (10/175,947) 2002-06-21
[30] US (10/187,983) 2002-07-03
[30] US (10/188,069) 2002-07-03
[30] US (10/352,193) 2003-01-28

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[21] **2,489,984**
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 9/28 7A61K 9/48 7A61K 9/64**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS WITH IMPROVED DISSOLUTION**
[54] **COMPOSITIONS PHARMACEUTIQUES A DISSOLUTION AMELIOREE**
[72] GUZMAN, HECTOR, US
[72] CHEN, HONGMING, US
[72] REMENAR, JULIUS, US
[72] ALMARSSON, ORN, US
[72] TAWA, MARK, US
[72] PETERSON, MATTHEW, US
[72] OLIVERA, MARK, US
[71] TRANSFORM PHARMACEUTICALS, INC., US
[85] 2004-12-20
[86] 2003-06-20 (PCT/US2003/019574)
[87] 2003-12-31 (WO2004/000284)
[30] US (60/390,881) 2002-06-21
[30] US (60/426,275) 2002-11-14
[30] US (60/427,086) 2002-11-15
[30] US (60/429,515) 2002-11-26
[30] US (60/437,516) 2002-12-30
[30] US (60/456,027) 2003-03-18

[21] **2,489,985**
[13] A1

[51] **Int.Cl. 7B26D 3/18**
[25] EN
[54] **FOOD CUTTING APPARATUS**
[54] **APPAREIL DE DECOUPE D'ALIMENT**
[72] ROSA, CARLO, IT
[71] ARIETE S.P.A., IT
[85] 2004-12-17
[86] 2003-07-03 (PCT/EP2003/007118)
[87] 2004-02-12 (WO2004/012915)
[30] IT (GE2002A000066) 2002-07-24

[21] **2,489,987**
[13] A1

[51] **Int.Cl. 7A61K 9/70 7C08G 77/24 7A61K 47/34 7A61K 31/357**
[25] EN
[54] **FLUOROSILOXANE MATRIX CONTROLLED DIFFUSION DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'APPORT DE MEDICAMENT A DIFFUSION REGULEE A MATRICE DE FLUOROSILOXANE**
[72] KUNZLER, JAY F., US
[72] AMMON, DANIEL M., JR., US
[72] SALAMONE, JOSEPH C., US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2004-12-20
[86] 2003-06-16 (PCT/US2003/019026)
[87] 2003-12-31 (WO2004/000288)
[30] US (10/175,716) 2002-06-19

[21] **2,489,988**
[13] A1

[51] **Int.Cl. 7C07D 263/32**
[25] EN
[54] **PROCESS FOR PREPARING 5-(1,3-OXAZOL-2-YL) BENZOIC ACID DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES DE L'ACIDE 5-(1,3-OXAZOL-2-YL) BENZOIQUE**
[72] REEDER, MICHAEL R., US
[72] IMBORDINO, RICK J., US
[71] PHARMACIA & UPJOHN COMPANY LLC, US
[85] 2004-12-20
[86] 2003-06-20 (PCT/US2003/019585)
[87] 2003-12-31 (WO2004/000821)
[30] US (60/390,285) 2002-06-20
[30] US (60/450,478) 2003-02-27

[21] **2,489,989**
[13] A1

[51] **Int.Cl. 7C09B 48/00**
[25] EN
[54] **OXIDATION PROCESS FOR PREPARING QUINACRIDONE PIGMENTS**
[54] **PROCEDE D'OXYDATION POUR PREPARATION DE PIGMENTS QUINACRIDONE**
[72] MERSTETTER, HANS RUDOLF, US
[72] BAEBLER, FRIDOLIN, BR
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2004-12-17
[86] 2003-07-08 (PCT/EP2003/007337)
[87] 2004-01-22 (WO2004/007623)
[30] US (60/396,377) 2002-07-17

[21] **2,489,991**
[13] A1

[51] **Int.Cl. 7C07D 295/088 7A61K 31/495**
[25] EN
[54] **AMORPHOUS FORM OF (-)-2-[4-(4-CHLOROPHENYL)-PHENYL METHYL]-1-PIPERAZINYL ETHOXY ACETIC ACID DIHYDROCHLORIDE (LEVOCETRIZINE DIHYDROCHLORIDE)**
[54] **FORME AMORPHE DE (-)-2-[4-(4-CHLOROPHENYL)-PHENYL METHYL]-1-PIPERAZINYL ETHOXY DIHYDROCHLORURE D'ACIDE ACETIQUE (LEVOCETRIZINE DIHYDROCHLORURE)**
[72] RAMAYYA, VADDADI PATTABHI, IN
[72] RAJAN, SRINAVASAN THIRUMALAI, IN
[72] RAO, UPPALA VENKATA BHASKARA, IN
[72] REDDY, MANNE SATYANARAYANA, IN
[71] DR. REDDY'S LABORATORIES LIMITED, IN
[71] DR. REDDY'S LABORATORIES, INC., US
[85] 2004-12-20
[86] 2003-06-23 (PCT/US2003/019777)
[87] 2003-12-31 (WO2004/000823)
[30] IN (472/MAS/2002) 2002-06-21

[21] **2,489,992**
[13] A1

[51] **Int.Cl. 7A01M 29/00 7A01N 25/32**
[25] EN
[54] **A BIRD REPELLENT**
[54] **REPULSIF POUR OISEAUX**
[72] MATTHEWS, LINDSAY ROSS, NZ
[72] DAY, TIM, NZ
[71] AGRESEARCH LIMITED, NZ
[85] 2004-12-20
[86] 2003-06-20 (PCT/NZ2003/000127)
[87] 2003-12-31 (WO2004/000014)
[30] NZ (519685) 2002-06-20

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[21] **2,489,993**
[13] A1

[51] **Int.Cl. 7F21V 8/00 7G02F 1/1335**
[25] EN
[54] **LIGHTING APPARATUS AND LIQUID CRYSTAL DISPLAY**
[54] **DISPOSITIF D'ECLAIRAGE ET AFFICHAGE A CRISTAUX LIQUIDES**
[72] MAEDA, SATOSHI, JP
[72] ARITAKE, HIROKAZU, JP
[71] FUJITSU LIMITED, JP
[85] 2004-12-17
[86] 2003-02-25 (PCT/JP2003/002020)
[87] 2004-03-04 (WO2004/018933)
[30] JP (2002-243188) 2002-08-23

[21] **2,489,995**
[13] A1

[51] **Int.Cl. 7A47C 1/032**
[25] EN
[54] **SUPPORT FOR TILTING OR SYNCHRONIZED CHAIRS**
[54] **SUPPORT POUR CHAISES BASCULANTES OU SYNCHRONISEES**
[72] MAESTRI, SILVIO, IT
[72] ROSSETTO, MARCO, IT
[72] COSTAGLIA, MASSIMO, IT
[71] LEGGETT & PLATT, INCORPORATED, US
[85] 2004-12-20
[86] 2003-06-11 (PCT/US2003/018421)
[87] 2003-12-31 (WO2004/000075)
[30] IT (CR2002A000012) 2002-06-25
[30] IT (CR2003U000004) 2003-03-25

[21] **2,489,996**
[13] A1

[51] **Int.Cl. 7A61M 1/36**
[25] EN
[54] **LOW DENSITY LIPOPROTEIN/ FIBRINOGEN ADSORBENT AND ADSORPTION APPARATUS CAPABLE OF WHOLE BLOOD TREATMENT**
[54] **ADSORBANT DE LIPOPROTEINE/ FIBRINOGENE DE FAIBLE DENSITE ET APPAREIL D'ADSORPTION PERMETTANT UN TRAITEMENT DU SANG TOTAL**
[72] FURUYOSHI, SHIGEO, JP
[72] NISHIMOTO, TAKEHIRO, JP
[72] KOBAYASHI, AKIRA, JP
[72] NAKATANI, MASARU, JP
[71] KANEKA CORPORATION, JP
[85] 2004-12-17
[86] 2004-04-23 (PCT/JP2004/005953)
[87] 2004-11-18 (WO2004/098680)
[30] JP (2003-130641) 2003-05-08

[21] **2,489,997**
[13] A1

[51] **Int.Cl. 7A61K 38/46**
[25] EN
[54] **METHOD FOR TREATMENT OF INDWELLING CATHETER OCCLUSION USING FIBRINOLYTIC METALLOPROTEINASES**
[54] **METHODE DE TRAITEMENT DE L'OCCLUSION D'UNE SONDE A DEMEURE AU MOYEN DE METALLOPROTEINASES FIBRINOLYTIQUES**
[72] TOOMBS, CHRISTOPHER F., US
[71] AMGEN, INC., US
[85] 2004-12-20
[86] 2003-06-23 (PCT/US2003/019702)
[87] 2003-12-31 (WO2004/000348)
[30] US (10/177,916) 2002-06-21

[21] **2,490,000**
[13] A1

[51] **Int.Cl. 7B21D 9/07 7B21D 7/02**
[25] FR
[54] **SUPPORT DE REGLETTE POUR MACHINE A CINTRER**
[54] **GUIDE SUPPORT FOR A TUBE-BENDING MACHINE**
[72] CAPPELLO, SERGE, FR
[72] BRUYAS, JEAN-PAUL, FR
[72] CHASTAN, JEAN-PAUL, FR
[71] SILFAX, FR
[85] 2004-12-20
[86] 2003-06-25 (PCT/FR2003/001949)
[87] 2003-12-31 (WO2004/000479)
[30] FR (02/07847) 2002-06-25

[21] **2,490,002**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61K 51/00 7A61P 25/00 7C07D 209/14 7A61K 31/407**
[25] EN
[54] **NOVEL TETRACYCLIC ARYLCARBONYL INDOLES HAVING SEROTONIN RECEPTOR AFFINITY USEFUL AS THERAPEUTIC AGENTS, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **NOUVEAUX INDOLS D'ARYLCARBONYLE TETRACYCLIQUES PRESENTANT UNE AFFINITE POUR LE RECEPTEUR DE LA SEROTONINE UTILISES COMME AGENTS THERAPEUTIQUES, PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] RAMAKRISHNA, VENKATA SATYA NIROGI, IN
[72] KAMBHAMPATI, RAMA SASTRI, IN
[72] JASTI, VENKATESWARLU, IN
[72] BATTULA, SRINIVASA REDDY, IN
[72] RAO, VENKATA SATYA VEERABHADRA VADLAMUDI, IN
[71] SUVEN LIFE SCIENCES LIMITED, IN
[85] 2004-12-20
[86] 2003-06-19 (PCT/IN2003/000223)
[87] 2003-12-31 (WO2004/000205)
[30] IN (477/MAS/2002) 2002-06-21

[21] **2,490,004**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A01H 5/00 7C07H 21/00 7A01H 5/10 7C12N 5/10 7C12N 15/11 7C07K 14/195 7C12N 1/21 7C12N 15/29 7C07K 14/405 7C07K 14/415**
[25] EN
[54] **PLASTID DIVISION AND RELATED GENES AND PROTEINS, AND METHODS OF USE**
[54] **DIVISION PLASTIDIQUE, GENES ET PROTEINES CORRESPONDANTS AINSI QUE PROCEDES D'UTILISATION**
[72] GAO, HONGBO, US
[72] VITHA, STANISLAV, US
[72] KOKSHAROVA, OLGA A., RU
[72] OSTERYOUNG, KATHERINE W., US
[71] BOARD OF TRUSTEES OPERATING MICHIGAN STATE UNIVERSITY, US
[85] 2004-12-20
[86] 2003-06-20 (PCT/US2003/019536)
[87] 2003-12-31 (WO2004/001003)
[30] US (60/390,140) 2002-06-20
[30] US (60/402,242) 2002-08-09
[30] US (10/600,070) 2003-06-20

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[21] **2,490,005**
[13] A1

[51] **Int.Cl. 7B65H 3/00**
[25] EN
[54] **AUTOMATIC DOWN-STACKING TECHNOLOGY**
[54] **TECHNOLOGIE D'EMPILEMENT AUTOMATIQUE REGULE PAR LE BAS**
[72] LINDQUIST, DAVID ALLEN, US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2004-12-21
[86] 2003-07-10 (PCT/US2003/021416)
[87] 2004-01-29 (WO2004/009482)
[30] US (10/198,399) 2002-07-18

[21] **2,490,006**
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C07H 21/00 7C12N 9/10 7C07K 16/40 7C12Q 1/48 7G01N 33/573**
[25] EN
[54] **NEMATODE PHOSPHOETHANOLAMINE N-METHYLTRANSFERASE-LIKE SEQUENCES**
[54] **SEQUENCES DE TYPE PHOSPHOETHANOLAMINE N-METHYLTRANSFERASE TIREES DE NEMATODES**
[72] BRADLEY, JOHN D., US
[72] WORTHINGTON, RONALD E., US
[72] HRESKO, MICHELLE COUTU, US
[72] DAVILA-APONTE, JENNIFER A., US
[72] KLOEK, ANDREW P., US
[72] FREVERT, ANITA M., US
[72] XU, SIQUN, US
[72] WILLIAMS, DERYCK J., US
[72] MCLAIRD, MERRY B., US
[71] DIVERGENCE, INC., US
[85] 2004-12-20
[86] 2003-06-23 (PCT/US2003/019794)
[87] 2003-12-31 (WO2004/001011)
[30] US (60/390,490) 2002-06-21

[21] **2,490,008**
[13] A1

[51] **Int.Cl. 7C08F 220/00 7A61F 2/14**
[25] EN
[54] **LOW WATER CONTENT HIGH REFRACTIVE INDEX, FLEXIBLE, POLYMERIC COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES SOUPLES, A INDICE DE REFRACTION ELEVE ET A FAIBLE TENEUR EN EAU**
[72] KUNZLER, JAY F., US
[72] SALAMONE, JOSEPH C., US
[72] SEELYE, DAVID E., US
[72] OZARK, RICHARD M., US
[71] BAUSCH & LOMB INCORPORATED, US
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[87] 2003-12-31 (WO2004/000901)
[30] US (10/175,715) 2002-06-19

[21] **2,490,009**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 7/06 7A61K 38/08 7C07K 7/08 7A61K 38/10 7A61K 38/16 7C07K 14/435 7C07K 14/47 7G01N 33/53**
[25] EN
[54] **SERUM PROTEIN-ASSOCIATED TARGET-SPECIFIC LIGANDS AND IDENTIFICATION METHOD THEREFOR**
[54] **LIGANDS PROPRES A UN CIBLE ET ASSOCIES A UNE PROTEINE SERIQUE ET PROCEDE D'IDENTIFICATION CORRESPONDANT**
[72] EDGE, ALBERT, US
[72] SATO, AARON K., US
[71] DYAX CORPORATION, US
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[87] 2003-12-31 (WO2004/001064)
[30] US (60/390,657) 2002-06-21

[21] **2,490,010**
[13] A1

[51] **Int.Cl. 7C08J 7/04**
[25] EN
[54] **CONTAINER-SHAPED PACKAGE**
[54] **EMBALLAGES EN FORME DE CONTENANTS**
[72] BOCKMANN, ALFONS, DE
[72] SEYDA, DANIEL, DE
[71] RPC BRAMLAGE GMBH, DE
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[87] 2004-01-29 (WO2004/009685)
[30] DE (202 11 075.3) 2002-07-22

[21] **2,490,013**
[13] A1

[51] **Int.Cl. 7F16K 47/02 7F16L 55/02**
[25] EN
[54] **ACOUSTIC WAVE ATTENUATOR FOR A RAIL**
[54] **ATTENUATEUR D'ONDE ACOUSTIQUE POUR UN RAIL**
[72] SNYDER, W. BRYAN, US
[72] SEYMOUR, KENNETH R. II., US
[72] BAGGA, KALYAN SINGH, US
[72] YANG, XILIN, US
[72] SADFA, SIDI OULD, US
[72] LEI, NING, US
[72] YAGER, JAMES, US
[71] INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC, US
[85] 2004-12-20
[86] 2003-06-19 (PCT/US2003/019514)
[87] 2003-12-31 (WO2004/001265)
[30] US (10/177,202) 2002-06-21
[30] US (10/177,195) 2002-06-21
[30] US (10/463,179) 2003-06-16

[21] **2,490,018**
[13] A1

[51] **Int.Cl. 7A61M 15/00 7B65D 75/26 7B65D 81/26**
[25] EN
[54] **METHOD AND PACKAGING FOR PRESSURIZED CONTAINERS**
[54] **PROCEDE ET CONDITIONNEMENT POUR DES RECIPIENTS SOUS PRESSION**
[72] BARKER, FRANK COLIN, GB
[71] AVENTIS PHARMA LIMITED, GB
[85] 2004-12-17
[86] 2003-06-13 (PCT/GB2003/002558)
[87] 2004-01-08 (WO2004/002559)
[30] GB (0214667.8) 2002-06-26

[21] **2,490,019**
[13] A1

[51] **Int.Cl. 7G08B 17/107**
[25] EN
[54] **SCATTERED-LIGHT SMOKE DETECTOR**
[54] **DETECTEUR DE FUMEE A DIFFUSION**
[72] RIEDI, URS, CH
[72] HESS, KURT, CH
[71] SIEMENS BUILDING TECHNOLOGIES AG, CH
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[87] 2003-12-31 (WO2004/001693)
[30] EP (02013656.0) 2002-06-20

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[13] A1

[51] **Int.Cl. 7A61K 9/70**
[25] EN
[54] **A PLATFORM FOR
TRANSDERMAL FORMULATIONS
(PTF)**
[54] **PLATE-FORME POUR
FORMULATIONS TRANSDERMIQUES**
[72] LANDSCHAFT, YUVAL SIMHA, IL
[71] HOLDEN DEVELOPMENT LIMITED,
VG
[85] 2004-12-17
[86] 2003-06-21 (PCT/IB2003/003467)
[87] 2004-01-08 (WO2004/002444)
[30] DE (102 28 680.9) 2002-06-27

[21] **2,490,025**
[13] A1

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[25] EN
[54] **POLYBENZAZOLE FIBER AND
USE THEREOF**
[54] **FIBRE DE POLYBENZAZOLE ET
SON UTILISATION**
[72] OKUYAMA, YUKINARI, JP
[72] NOMURA, YUKIHIRO, JP
[72] EGUCHI, HIRONORI, JP
[72] NAKAMURA, MUNEATSU, JP
[72] MATSUOKA, GO, JP
[72] ABE, YUKIHIRO, JP
[72] TACHIMORI, HIROSHI, JP
[72] KIRIYAMA, KOHEI, JP
[72] ICHIRYU, TAKAHARU, JP
[72] MURASE, HIROKI, JP
[72] KUROKI, TADAO, JP
[71] TOYO BOSEKI KABUSHIKI
KAISHA, JP
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[87] 2004-01-08 (WO2004/003272)
[30] JP (2002-186418) 2002-06-26
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[30] JP (2002-314710) 2002-10-29
[30] JP (2002-314708) 2002-10-29
[30] JP (2002-314706) 2002-10-29
[30] JP (2002-314707) 2002-10-29
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[21] **2,490,026**
[13] A1

[51] **Int.Cl. 7C01F 11/18**
[25] EN
[54] **PROCESS FOR THE PRODUCTION
OF PRECIPITATED CALCIUM
CARBONATES AND PRODUCT
PRODUCED THEREBY**
[54] **PROCEDE DE PRODUCTION DE
CARBONATE DE CALCIUM
PRECIPITE A HAUTE TENEUR EN
SOLIDES ET PRODUIT PREPARE AU
MOYEN DE CE PROCEDE**
[72] ERDMAN, GERALD DEAN, US
[71] SPECIALTY MINERALS
(MICHIGAN) INC., US
[85] 2004-12-15
[86] 2002-06-18 (PCT/US2002/019263)
[87] 2003-12-24 (WO2003/106344)

[21] **2,490,043**
[13] A1

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[25] EN
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INHIBITORS**
[54] **INHIBITEURS DE PDE4 8-
(BIARYLE)QUINOLINES**
[72] MACDONALD, DWIGHT, CA
[72] LACOMBE, PATRICK, CA
[72] GIRARD, YVES, CA
[72] GALLANT, MICHEL, CA
[72] DUBE, LAURENCE, CA
[72] DESCHENES, DENIS, CA
[72] DUBE, DANIEL, CA
[71] MERCK FROSST CANADA & CO.,
CA
[85] 2004-12-15
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[87] 2003-12-31 (WO2004/000814)
[30] US (60/391,364) 2002-06-25
[30] US (60/428,313) 2002-11-22

[21] **2,490,052**
[13] A1

[51] **Int.Cl. 7B23B 51/02**
[25] EN
[54] **SPUR POINT DRILL INSERT
POINT PLAQUETTE DE MECHE POUR
POINT D'AILETTE**
[72] MAST, WENDELL E., US
[72] KEIM, BRIAN, US
[71] ALLIED MACHINE &
ENGINEERING CORP., US
[85] 2004-12-17
[86] 2003-06-19 (PCT/US2003/019377)
[87] 2004-01-08 (WO2004/002663)
[30] US (60/391,797) 2002-06-27

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[13] A1

[51] **Int.Cl. 7E21B 43/12 7E21B 43/34
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[25] EN
[54] **CLOSED LOOP MULTIPHASE
UNDERBALANCED DRILLING
PROCESS**
[54] **PROCEDE DE FORAGE EN SOUS-
PRESSION MULTIPHASE EN CIRCUIT
FERME**
[72] CHITTY, GREGORY H., US
[72] HOSIE, DAVID GRAHAM, US
[72] SAPONJA, JEFFREY CHARLES, CA
[71] WEATHERFORD/LAMB, INC., US
[85] 2004-12-17
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[87] 2004-01-15 (WO2004/005670)
[30] US (10/192,784) 2002-07-10

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[13] A1

[51] **Int.Cl. 7F16L 59/02**
[25] FR
[54] **PANNEAU D'ISOLATION POUR
CONDUIT DE DISTRIBUTION**
[54] **INSULATION PANEL FOR SUPPLY
DUCT**
[72] NAVARRO NIEDERCORN GABRIEL,
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[71] SAINT-GOBAIN ISOVER, FR
[85] 2004-12-20
[86] 2003-06-18 (PCT/FR2003/001854)
[87] 2003-12-31 (WO2004/001277)
[30] ES (U 0201600) 2002-06-24
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[13] A1

[51] **Int.Cl. 7A61K 47/10 7A61P 25/04 7A61K 9/06 7A61P 15/10 7A61P 15/18 7A61P 25/22 7A61K 31/435 7A61K 31/496 7A61K 31/565 7A61K 31/568**
[25] EN
[54] **METASTABLE PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES METASTABLES**
[72] MORGAN, TIMOTHY MATTHIAS, AU
[72] REED, BARRY LEONARD, AU
[72] WILKINS, NINA FRANCES, AU
[72] KLOSE, KATHRYN TRACI-JANE, AU
[72] FINNIN, BARRIE CHARLES, AU
[71] ACRUX DDS PTY LTD., AU
[85] 2004-12-20
[86] 2003-06-24 (PCT/AU2003/000785)
[87] 2003-12-31 (WO2004/000361)
[30] AU (PS 3173) 2002-06-25

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[25] EN
[54] **TRAILER**
[54] **REMORQUE**
[72] DUFTY, RAYMOND JEFFREY, AU
[71] FORESTFIELD PTY LTD., AU
[85] 2004-12-20
[86] 2003-02-06 (PCT/AU2003/000121)
[87] 2003-08-14 (WO2003/066373)
[30] AU (PS 0347) 2002-02-06

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[13] A1

[51] **Int.Cl. 7G01N 23/04**
[25] EN
[54] **METHODS AND SYSTEMS FOR INSPECTING AIRCRAFT FUSELAGE FRAMES**
[54] **PROCEDES ET SYSTEMES D'INSPECTION DE CADRES DE FUSELAGE D'AERONEFS**
[72] HOPPLE, MICHAEL ROBERT, US
[72] BUENO, CLIFFORD, US
[72] DIXON, ELIZABETH LOCKENBERG, US
[72] MOHR, GREGORY ALAN, US
[72] HERD, KENNETH GORDON, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2004-12-16
[86] 2003-06-26 (PCT/US2003/020953)
[87] 2004-01-08 (WO2004/003530)
[30] US (10/064,291) 2002-06-28

[21] **2,490,060**
[13] A1

[51] **Int.Cl. 7A61L 31/14 7A61L 31/00 7A61L 27/36 7A61L 27/50**
[25] EN
[54] **ENHANCED PHOSPHOLIPID REDUCTION AND CALCIFICATION MITIGATION OF BIOLOGICAL MATERIALS**
[54] **ATTENUATION RENFORCEE DE LA CALCIFICATION DE MATERIAUX BIOLOGIQUES ET REDUCTION ACCRUE DE LEUR TENEUR EN PHOSPHOLIPIDES**
[72] CUNANAN, CRYSTAL, US
[72] DINH, THAN T., US
[72] RUBALCABA, SOPHIA, US
[71] EDWARDS LIFSCIENCES CORPORATION, US
[85] 2004-12-16
[86] 2003-07-16 (PCT/US2003/022121)
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[30] US (60/396,879) 2002-07-16

[21] **2,490,061**
[13] A1

[51] **Int.Cl. 7F27B 17/02 7A61K 6/00 7F27B 5/14**
[25] EN
[54] **DEVICE FOR FIRING CERAMIC FOR DENTAL PROSTHESES**
[54] **DISPOSITIF DE CUISSON DE CERAMIQUE SERVANT A LA PRODUCTION DE PROTHESES DENTAIRE**
[72] HAUNER, WIGBERT, DE
[71] DENTSPLY INTERNATIONAL, INC., US
[85] 2004-12-20
[86] 2003-06-18 (PCT/US2003/019327)
[87] 2003-12-31 (WO2004/001311)
[30] DE (102 27 566.1) 2002-06-20

[21] **2,490,064**
[13] A1

[51] **Int.Cl. 7G10L 19/00**
[25] EN
[54] **AUDIO CODING METHOD AND APPARATUS USING HARMONIC EXTRACTION**
[54] **PROCEDE DE CODAGE AUDIO ET APPAREIL UTILISANT L'EXTRACTION HARMONIQUE**
[72] HA, HO-JIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2004-12-17
[86] 2002-12-12 (PCT/KR2002/002348)
[87] 2003-07-31 (WO2003/063135)
[30] KR (2002/36310) 2002-06-27

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[13] A1

[51] **Int.Cl. 7A61B 8/08**
[25] EN
[54] **SYSTEM AND METHOD FOR ANALYSIS OF A TISSUE**
[54] **SYSTEME ET METHODE D'ANALYSE D'UN TISSU**
[72] NIR, DROR, IL
[71] MD MEDICAL DIAGNOSTICS INC., US
[85] 2004-12-17
[86] 2002-06-19 (PCT/IL2002/000481)
[87] 2003-12-31 (WO2004/000125)

[21] **2,490,066**
[13] A1

[51] **Int.Cl. 7A61M 37/00 7A61B 19/00**
[25] EN
[54] **PLUGGED TIP DELIVERY TUBE FOR MARKER PLACEMENT**
[54] **TUBE D'ADMINISTRATION A EXTREMITE BOUCHEE POUR POSITIONNEMENT DE MARQUEUR**
[72] LUBOCK, PAUL, US
[72] SAFABASH, JASON H., US
[72] MERRITT, JOHN, US
[72] SHABAZ, MARTIN, US
[71] SENORX, INC., US
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[86] 2003-06-11 (PCT/US2003/018728)
[87] 2003-12-24 (WO2003/105940)
[30] US (10/174,401) 2002-06-17

[21] **2,490,067**
[13] A1

[51] **Int.Cl. 7A63B 71/10**
[25] EN
[54] **A DEVICE AND METHOD FOR PROTECTING AN EAR OF A SUBJECT FROM AURICULAR HAEMOTOMA**
[54] **DISPOSITIF ET PROCEDE DE PROTECTION DE L'OREILLE D'UN SUJET CONTRE UN HEMATOME AURICULAIRE**
[72] GOULDING, BRIAN, MICHAEL, IE
[71] GOULDING, BRIAN, MICHAEL, IE
[85] 2004-12-20
[86] 2003-06-25 (PCT/IE2003/000097)
[87] 2003-12-31 (WO2004/000426)
[30] IE (S2002/0515) 2002-06-25

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[13] A1

[51] **Int.Cl. 7E05B 63/00 7G05G 5/00**
[25] EN
[54] **FREEWHEELING LOCK APPARATUS AND METHOD**
[54] **VERROU TOURNANT LIBREMENT ET PROCEDE**
[72] RITZ, ALAN J., US
[71] STRATTEC SECURITY CORPORATION, US
[85] 2004-12-17
[86] 2003-06-18 (PCT/US2003/019084)
[87] 2003-12-24 (WO2003/106789)
[30] US (10/175,600) 2002-06-18

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[13] A1

[51] **Int.Cl. 7B01J 19/12 7H05B 6/80**
[25] EN
[54] **REACTION AND TEMPERATURE CONTROL FOR HIGH POWER MICROWAVE-ASSISTED CHEMISTRY TECHNIQUES**
[54] **COMMANDE DE REACTION ET DE TEMPERATURE POUR TECHNIQUES CHIMIQUES ASSISTEES PAR MICRO-ONDES HAUTE PUISSANCE**
[72] HAYES, BRITTANY L., US
[72] COLLINS, MICHAEL J., US
[71] CEM CORPORATION, US
[85] 2004-12-20
[86] 2003-05-07 (PCT/US2003/014494)
[87] 2004-01-08 (WO2004/002617)
[30] US (10/064,261) 2002-06-26

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[13] A1

[51] **Int.Cl. 7B65B 9/04 7B65B 31/02 7B65B 53/02 7B65B 25/06 7B65B 11/52**
[25] EN
[54] **PACKAGING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'EMBALLAGE**
[72] SPARAKOWSKI, HELMUT, DE
[72] NATTERER, HANS, DE
[71] MULTIVAC SEPP HAGGENMULLER GMBH & CO. KG, DE
[85] 2004-12-16
[86] 2003-05-14 (PCT/EP2003/005061)
[87] 2003-12-31 (WO2004/000650)
[30] DE (102 27 610.2) 2002-06-20

[21] **2,490,071**
[13] A1

[51] **Int.Cl. 7B65D 1/02**
[25] EN
[54] **SYNTHETIC RESIN-MADE QUADRANGULAR CONTAINER**
[54] **RECIPIENT QUADRANGULAIRE EN RESINE SYNTHETIQUE**
[72] TANAKA, TOSHIMASA, JP
[72] IIZUKA, TAKAO, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2004-12-20
[86] 2003-06-23 (PCT/JP2003/007933)
[87] 2003-12-31 (WO2004/000662)
[30] JP (2002-181356) 2002-06-21

[21] **2,490,072**
[13] A1

[51] **Int.Cl. 7A61B 10/00 7A61B 18/14 7A61B 17/32**
[25] EN
[54] **APPARATUS AND METHOD FOR ACCESSING A BODY SITE**
[54] **APPAREIL ET PROCEDE D'ACCES A UN SITE CORPOREL**
[72] LUBOCK, PAUL, US
[72] SHABAZ, MARTIN, US
[72] LOUW, FRANK, US
[72] BURBANK, FRED H., US
[71] SENORX, INC., US
[85] 2004-12-17
[86] 2003-06-12 (PCT/US2003/018478)
[87] 2003-12-31 (WO2004/000126)
[30] US (10/179,933) 2002-06-21

[21] **2,490,073**
[13] A1

[51] **Int.Cl. 7A44B 19/00 7B65D 33/16**
[25] EN
[54] **PEEL SEAL TAMPER EVIDENT SLIDER BAG**
[54] **SAC A FERMETURE COULISSANTE A JOINT PELABLE**
[72] STOLMEIER, ROBERT C., US
[72] WOLAK, PAUL, US
[71] PLIANT CORPORATION, US
[85] 2004-12-17
[86] 2003-06-17 (PCT/US2003/018949)
[87] 2003-12-24 (WO2003/106273)
[30] US (60/389,193) 2002-06-17
[30] US (60/389,860) 2002-06-18

[21] **2,490,074**
[13] A1

[51] **Int.Cl. 7C01B 31/02 7B01J 35/02 7B01J 37/02 7B01J 37/08 7B01J 23/28 7B01J 23/745 7B01J 23/75 7B01J 23/755**
[25] EN
[54] **METHOD FOR MAKING CARBON NANOTUBES**
[54] **PROCEDE DE REALISATION DE NANOTUBES DE CARBONE**
[72] SASAHARA, JUN, JP
[72] SUZUKI, TOSHIFUMI, JP
[72] KUBOTA, TADAHIRO, JP
[72] KURIYAMA, NARIAKI, JP
[72] NAKAYAMA, YOSHIKAZU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[71] NAKAYAMA, YOSHIKAZU, JP
[85] 2004-12-20
[86] 2003-05-02 (PCT/JP2003/005628)
[87] 2003-12-31 (WO2004/000728)
[30] JP (2002-182468) 2002-06-24

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[13] A1

[51] **Int.Cl. 7C02F 1/52**
[25] EN
[54] **PROCESS AND COMPOSITIONS FOR THE PURIFICATION OF WATER**
[54] **PROCEDE ET COMPOSITIONS POUR LA PURIFICATION DE L'EAU**
[72] RONEN, RAZIEL, IL
[71] DEAD SEA MEDICA CO, LTD., GB
[85] 2004-12-20
[86] 2003-06-19 (PCT/IL2003/000521)
[87] 2003-12-31 (WO2004/000736)
[30] IL (150341) 2002-06-20

[21] **2,490,077**
[13] A1

[51] **Int.Cl. 7E21B 43/26 7E21B 43/25**
[25] EN
[54] **METHOD FOR TREATING SUBTERRANEAN FORMATION**
[54] **PROCEDE DE TRAITEMENT DE FORMATION SOUTERRAINE**
[72] LEE, JESSE, US
[72] NELSON, ERIK, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2004-12-15
[86] 2003-06-12 (PCT/EP2003/006188)
[87] 2003-12-31 (WO2004/001188)
[30] US (10/177,815) 2002-06-20

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[21] **2,490,079**
[13] A1

[51] **Int.Cl. 7A61K 35/78**
[25] EN
[54] **PURIFIED AMYLASE INHIBITOR AND NOVEL PROCESS FOR OBTAINING THE SAME**
[54] **INHIBITEUR D'AMYLASE PURIFIE ET NOUVEAU PROCEDE POUR L'OBTENIR**
[72] CHOKSHI, DILIP, US
[72] SKOP, MITCHELL, US
[71] PHARMACHEM LABORATORIES, INC., US
[85] 2004-12-17
[86] 2003-06-27 (PCT/US2003/020459)
[87] 2004-01-08 (WO2004/002239)
[30] US (60/392,676) 2002-06-28

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[13] A1

[51] **Int.Cl. 7C07D 453/02 7A61P 1/08 7A61P 11/08 7A61P 13/10 7A61K 31/439**
[25] EN
[54] **QUINUCLIDINE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME**
[54] **NOUVEAUX DERIVES DE LA QUINUCLIDINE ET COMPOSITIONS MEDICINALES LES CONTENANT**
[72] FERNANDEZ FORNER, MARIA DOLORS, ES
[72] BUIL ALBERO, MARIA ANTONIA, ES
[72] PRAT QUINONES, MARIA, ES
[71] ALMIRALL PRODEFARMA AG, CH
[85] 2004-12-20
[86] 2003-06-18 (PCT/EP2003/006472)
[87] 2003-12-31 (WO2004/000840)
[30] ES (P200201439) 2002-06-21

[21] **2,490,086**
[13] A1

[51] **Int.Cl. 7H04B 7/216**
[25] EN
[54] **METHOD AND APPARATUS FOR FORWARD LINK GAIN CONTROL IN A POWER CONTROLLED REPEATER**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE GAIN DE LIAISON AVAL DANS UN REPETEUR**
[54] **COMMANDE EN PUISSANCE**
[72] ADKINS, KEITH L., US
[72] WHEATLEY, CHARLES E., III, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-12-20
[86] 2003-06-26 (PCT/US2003/020404)
[87] 2004-01-08 (WO2004/004365)
[30] US (10/184,733) 2002-06-27

[21] **2,490,087**
[13] A1

[51] **Int.Cl. 7B01L 3/00 7B01L 3/02**
[25] EN
[54] **DELIVERY OF METERED AMOUNTS OF LIQUID MATERIALS**
[54] **ADMINISTRATION DE QUANTITES DOSEES DE MATIERES LIQUIDES**
[72] CHANG, TIMOTHY N., US
[72] TOLIAS, PETER, US
[71] THE PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC., US
[71] NEW JERSEY INSTITUTE OF TECHNOLOGY, US
[85] 2004-12-20
[86] 2003-06-26 (PCT/US2003/020144)
[87] 2004-01-08 (WO2004/002626)
[30] US (10/184,502) 2002-06-26

[21] **2,490,089**
[13] A1

[51] **Int.Cl. 7H02K 17/28 7H02K 17/30 7H02P 1/44 7H02P 7/622**
[25] EN
[54] **MOTOR WITH DE-SATURATION WINDING**
[54] **ENROULEMENT DE MOTEUR ELECTRIQUE**
[72] GOCHE, GERALD, US
[71] GOCHE, GERALD, US
[85] 2004-12-21
[86] 2003-06-24 (PCT/US2003/020009)
[87] 2003-12-31 (WO2004/001933)
[30] FR (0207820000) 2002-06-25

[21] **2,490,090**
[13] A1

[51] **Int.Cl. 7F16L 59/02**
[25] EN
[54] **MULTIPLE LAYER INSULATING SLEEVE**
[54] **GAINE ISOLANTE MULTICOUCHE**
[72] WINTERS, DANNY E., US
[72] MAIDEN, JANICE R., US
[72] GLADFELTER, HARRY F., US
[72] AKERS, JESSICA L., US
[71] FEDERAL-MOGUL POWERTRAIN, INC., US
[85] 2004-12-20
[86] 2003-06-20 (PCT/US2003/019530)
[87] 2003-12-31 (WO2004/001780)
[30] US (60/390,223) 2002-06-20

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[13] A1

[51] **Int.Cl. 7H01M 4/58 7C09C 3/10 7C01B 25/30 7H01M 4/36 7H01M 4/62**
[25] EN
[54] **CARBON-COATED LI-CONTAINING POWDERS AND PROCESS FOR PRODUCTION THEREOF**
[54] **POUDRES CARBONEES CONTENANT DU LITHIUM ET LEUR PROCEDE DE PRODUCTION**
[72] MORCRETTE, MATHIEU, FR
[72] WURM, CALIN, FR
[72] MASQUELIER, CHRISTIAN, FR
[72] GWIZDALA, SYLVAIN, FR
[72] AUDEMER, ALBANE, BE
[71] UMICORE, BE
[71] LE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[86] 2003-06-19 (PCT/EP2003/006628)
[87] 2003-12-31 (WO2004/001881)
[30] EP (02291562.3) 2002-06-21
[30] US (60/392,978) 2002-07-02

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[51] **Int.Cl. 7A23L 1/09 7C08B 31/00 7C08B 37/00 7C08B 30/18 7A23L 1/236 7A23L 1/308**
[25] EN
[54] **DEXTRINIZED, SACCHARIDE-DERIVATIZED OLIGOSACCHARIDES**
[54] **OLIGOSACCHARIDES DEXTRINISES DERIVES DES GLUCIDES**
[72] WANG, JIAO, US
[72] BARRESI, FRANK W., US
[72] ANTRIM, RICHARD L., US
[72] MCPHERSON, ROGER E., US
[71] GRAIN PROCESSING CORPORATION, US
[85] 2004-12-20
[86] 2003-06-23 (PCT/US2003/019810)
[87] 2003-12-31 (WO2004/000860)
[30] US (60/390,570) 2002-06-21

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[13] A1

[51] **Int.Cl. 7C11D 3/39**
[25] EN
[54] **USE OF TRANSITION METAL COMPLEXES WITH NITROGEN-CONTAINING POLYDENTATE LIGANDS AS A BLEACHING CATALYST AND BLEACHING AGENT COMPOSITION**
[54] **CATALYSEURS DE BLANCHIMENT ET COMPOSITIONS D'AGENTS DE BLANCHIMENT A BASE DE COMPLEXES DE METAUX DE TRANSITION A LIGANDS POLYDENTES AZOTES**
[72] DORFER, ASTRID, DE
[72] DEL GROSSO, MICHAEL, SG
[72] KUNZ, ULRIKE, DE
[72] JAKOB, HARALD, DE
[71] DEGUSSA AG, DE
[85] 2004-12-20
[86] 2003-05-30 (PCT/EP2003/005674)
[87] 2003-12-31 (WO2004/000986)
[30] DE (102 27 774.5) 2002-06-21

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[13] A1

[51] **Int.Cl. 7H01R 13/648**
[25] EN
[54] **HIGH SPEED, HIGH DENSITY INTERCONNECTION DEVICE**
[54] **DISPOSITIF D'INTERCONNEXION A GRANDE VITESSE ET HAUTE DENSITE**
[72] PREW, RAYMOND A., US
[72] LANGON, ALFRED J., US
[72] PERUGINI, MICHAEL, US
[72] EASTMAN, GARY D., US
[72] SAYDAM, EROL D., US
[71] ADVANCED INTERCONNECTIONS CORPORATION, US
[85] 2004-12-20
[86] 2003-06-24 (PCT/US2003/019830)
[87] 2003-12-31 (WO2004/001912)
[30] US (10/178,957) 2002-06-24

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[13] A1

[51] **Int.Cl. 7C07D 213/64 7A61P 29/00 7C07D 417/06 7A61P 11/06 7A61K 31/4412 7A61K 31/4439 7A61K 31/444**
[25] EN
[54] **DI-ARYL-SUBSTITUTED-ETHANE PYRIDONE PDE4 INHIBITORS**
[54] **ETHANE PYRIDONE A SUBSTITUTION DIARYLE, INHIBITEURS D'ENZYME PDE4**
[72] COTE, BERNARD, CA
[72] MARTINS, EVELYN, CA
[71] MERCK FROSST CANADA & CO., CA
[85] 2004-12-15
[86] 2003-07-02 (PCT/CA2003/000995)
[87] 2004-01-15 (WO2004/005258)
[30] US (60/393,281) 2002-07-02

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[13] A1

[51] **Int.Cl. 7C12N 15/09 7A01H 5/00 7A01H 5/10 7C12N 15/29 7C12N 15/82**
[25] EN
[54] **PLANT DEFENSINS**
[54] **DEFENSINES VEGETALES**
[72] PRESNAIL, JAMES K., US
[72] MIAO, GUO-HUA, US
[72] FAMODU, OMOLAYO O., US
[72] WENG, ZUDE, US
[72] LU, ALBERT L., US
[72] MCCUTCHEN, BILLY FRED, US
[72] HERRMANN, RAFAEL, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-12-20
[86] 2003-06-20 (PCT/US2003/019800)
[87] 2003-12-31 (WO2004/001012)
[30] US (10/178,449) 2002-06-21

[21] **2,490,100**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 25/30 7A61P 25/36 7A61K 35/64**
[25] EN
[54] **THE PHARMACEUTICAL FORMULATION OF TRADITIONAL CHINESE MEDICINE FOR ABSTINENCE OF DRUG AND PREPARATION METHOD AND USE THEREOF**
[54] **FORMULATION PHARMACEUTIQUE DE MEDECINE CHINOISE TRADITIONNELLE POUR L'ABSTINENCE ET SON PROCEDE DE PREPARATION ET D'UTILISATION**
[72] FANG, WENQUAN, CN
[71] TITAN PHARMACEUTICALS (SHENZHEN) LTD, CN
[85] 2004-12-20
[86] 2002-09-29 (PCT/CN2002/000697)
[87] 2003-12-31 (WO2004/000341)
[30] CN (02 1 23741.7) 2002-06-21

[21] **2,490,101**
[13] A1

[51] **Int.Cl. 7H04L 25/06**
[25] EN
[54] **DC OFFSET REMOVAL**
[54] **SUPPRESSION DES DECALAGE EN CONTINU**
[72] O'SHEA, HELENA D., US
[71] QUALCOMM INCORPORATED, US
[85] 2004-12-20
[86] 2003-06-20 (PCT/US2003/019461)
[87] 2003-12-31 (WO2004/002093)
[30] US (60/390,585) 2002-06-20
[30] US (10/) 2003-06-19

[21] **2,490,103**
[13] A1

[51] **Int.Cl. 7F16K 31/04**
[25] EN
[54] **ACTUATOR FOR VALVE**
[54] **POUSSOIR DE VANNE**
[72] YOKKAOCHI, YOSHIKAZU, JP
[72] MINAI, YASUO, JP
[72] AOKI, KAZUHIRO, JP
[72] KAZAMA, MASAHIRO, JP
[71] KITZ CORPORATION, JP
[85] 2004-12-20
[86] 2003-06-20 (PCT/JP2003/007877)
[87] 2003-12-31 (WO2004/001262)
[30] JP (2002-180482) 2002-06-20
[30] JP (2002-180483) 2002-06-20
[30] JP (2002-180484) 2002-06-20
[30] JP (2002-190024) 2002-06-28

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[21] **2,490,104**
[13] A1

[51] **Int.Cl. 7A47B 43/00 7F16D 1/00 7E04H 17/00**
[25] EN
[54] **FRAMEWORK CONNECTION SYSTEM**
[54] **SYSTEME D'ASSEMBLAGE D'OSSATURE**
[72] LINDBLOM, CURTIS H., US
[72] GIMPEL, DIXON S., US
[71] SKYLINE DISPLAYS, INC., US
[85] 2004-12-20
[86] 2003-06-23 (PCT/US2003/019755)
[87] 2003-12-31 (WO2004/001152)
[30] US (60/390,489) 2002-06-21
[30] US (10/601,843) 2003-06-23

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[13] A1

[51] **Int.Cl. 7G01V 3/38 7G01V 1/26**
[25] EN
[54] **A DATA ACQUISITION UNIT, SYSTEM AND METHOD FOR GEOPHYSICAL DATA**
[54] **UNITE, SYSTEME ET PROCEDE D'ACQUISITION DE DONNEES GEOPHYSIQUES**
[72] DUNCAN, ANDREW CHARLES, AU
[72] GOLDEN, HOWARD, AU
[72] TRESIDDER, JOHN DOUGLAS, AU
[71] WMC RESOURCES LTD., AU
[85] 2004-12-20
[86] 2003-06-20 (PCT/AU2003/000770)
[87] 2003-12-31 (WO2004/001455)
[30] AU (PS 3068) 2002-06-20

[21] **2,490,107**
[13] A1

[51] **Int.Cl. 7G01V 8/02**
[25] EN
[54] **TECHNIQUE AND SYSTEM FOR MEASURING A CHARACTERISTIC IN A SUBTERRANEAN WELL**
[54] **TECHNIQUE ET SYSTEME DE MESURE D'UNE CARACTERISTIQUE DANS UN PUIT SOUTERRAIN**
[72] BROWN, GEORGE A., GB
[72] TARVIN, JEFFREY, US
[72] RAMOS, ROGERIO T., GB
[72] SCHROEDER, ROBERT J., US
[71] SENSOR HIGHWAY LIMITED, GB
[85] 2004-12-20
[86] 2003-06-19 (PCT/US2003/019395)
[87] 2003-12-31 (WO2004/001356)
[30] US (10/176,858) 2002-06-21
[30] US (10/317,556) 2002-12-12

[21] **2,490,108**
[13] A1

[51] **Int.Cl. 7C07D 205/08 7C07D 241/00 7A61P 3/06 7C07D 487/08 7A61P 9/10 7A61K 31/397**
[25] EN
[54] **CATIONICALLY SUBSTITUTED DIPHENYL AZETIDINONES, METHOD FOR THEIR PRODUCTION, MEDICAMENTS CONTAINING SAID COMPOUNDS AND USE THEREOF**
[54] **DIPHENYLACETIDINONES A SUBSTITUTION CATIONIQUE, PROCEDE DE FABRICATION, MEDICAMENTS CONTENANT CES COMPOSES ET UTILISATION**
[72] FRICK, WENDELIN, DE
[72] FLOHR, STEFANIE, CH
[72] JAEHNE, GERHARD, DE
[72] SCHAEFER, HANS-LUDWIG, DE
[72] GLOMBIK, HEINER, DE
[72] HEUER, HUBERT, DE
[72] KRAMER, WERNER, DE
[72] LINDENSCHMIDT, ANDREAS, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2004-12-15
[86] 2003-06-04 (PCT/EP2003/005814)
[87] 2003-12-31 (WO2004/000803)
[30] DE (102 27 507.6) 2002-06-19

[21] **2,490,109**
[13] A1

[51] **Int.Cl. 7C07D 205/08 7A61P 3/06 7A61K 31/397**
[25] EN
[54] **RING-SUBSTITUTED DIPHENYL AZETIDINONES, METHOD FOR THE PRODUCTION THEREOF, MEDICAMENTS CONTAINING SAID COMPOUNDS, AND USE THEREOF**
[54] **DIPHENYLAZETIDINONES A NOYAU SUBSTITUE, PROCEDES POUR LES PRODUIRE, MEDICAMENTS CONTENANT CES COMPOSES ET LEUR UTILISATION**
[72] LINDENSCHMIDT, ANDREAS, DE
[72] GLOMBIK, HEINER, DE
[72] FLOHR, STEFANIE, CH
[72] SCHAEFER, HANS-LUDWIG, DE
[72] HEUER, HUBERT, DE
[72] KRAMER, WERNER, DE
[72] JAEHNE, GERHARD, DE
[72] FRICK, WENDELIN, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2004-12-15
[86] 2003-06-04 (PCT/EP2003/005815)
[87] 2003-12-31 (WO2004/000804)
[30] DE (102 27 506.8) 2002-06-19

[21] **2,490,110**
[13] A1

[51] **Int.Cl. 7B65H 23/025 7B65H 23/34**
[25] EN
[54] **WRINKLE REDUCTION ASSEMBLY**
[54] **ENSEMBLE DE REDUCTION DE RIDES**
[72] SWAFFORD, STEVE, US
[72] SCHWARZ, STEPHEN J., US
[72] MCKAMY, DANIEL L., US
[72] WALKER, JEFFREY L., US
[72] MABRY, JAMES R., US
[71] CRYOVAC, INC., US
[85] 2004-12-20
[86] 2003-05-08 (PCT/US2003/014591)
[87] 2004-01-08 (WO2004/002864)
[30] US (10/183,826) 2002-06-27

[21] **2,490,111**
[13] A1

[51] **Int.Cl. 7E21D 20/02 7E21D 21/00**
[25] EN
[54] **ROCK BOLTING SYSTEM**
[54] **SYSTEME DE BOULONS D'ANCRAGE**
[72] FERGUSSON, JEFFREY ROBERT, AU
[71] INDUSTRIAL ROLL FORMERS PTY LIMITED, AU
[85] 2004-12-20
[86] 2003-06-20 (PCT/AU2003/000760)
[87] 2003-12-31 (WO2004/001192)
[30] AU (PS 3107) 2002-06-21

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[13] A1
[51] **Int.Cl. 7C07D 205/08 7A61P 3/06 7A61P 9/10 7A61K 31/397 7C07F 9/568**
[25] EN
[54] **DIPHENYL AZETIDINONES SUBSTITUTED BY ACIDIC GROUPS, METHOD FOR THEIR PRODUCTION, MEDICAMENTS CONTAINING SAID COMPOUNDS AND USE THEREOF**
[54] **DIPHENYL AZETIDINONES SUBSTITUEES PAR DES GROUPES ACIDES, PROCEDE DE FABRICATION, MEDICAMENTS CONTENANT CES COMPOSES ET UTILISATION DE CES MEDICAMENTS**
[72] KRAMER, WERNER, DE
[72] HEUER, HUBERT, DE
[72] JAEHNE, GERHARD, DE
[72] FRICK, WENDELIN, DE
[72] FLOHR, STEFANIE, CH
[72] GLOMBIK, HEINER, DE
[72] LINDENSCHMIDT, ANDREAS, DE
[72] SCHAEFER, HANS-LUDWIG, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2004-12-15
[86] 2003-06-04 (PCT/EP2003/005816)
[87] 2003-12-31 (WO2004/000805)
[30] DE (102 27 508.4) 2002-06-19

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[13] A1
[51] **Int.Cl. 7G01K 11/32 7G01N 21/65**
[25] EN
[54] **METHOD FOR MEASURING AND CALIBRATING MEASUREMENTS USING OPTICAL FIBER DISTRIBUTED SENSOR**
[54] **PROCEDE DE MESURE ET MESURES D'ETALONNEMENT FAISANT APPEL A UN CAPTEUR DISTRIBUE A FIBRES OPTIQUES**
[72] YAMATE, TSUTOMU, JP
[72] RAMOS, ROGERIO, US
[72] SCHROEDER, ROBERT, US
[72] MULLINS, OLIVER, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2004-12-20
[86] 2003-06-05 (PCT/IB2003/002525)
[87] 2003-12-31 (WO2004/001357)
[30] US (10/176,858) 2002-06-21

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[13] A1
[51] **Int.Cl. 7C02F 1/72**
[25] EN
[54] **OXIDATION OF ORGANIC COMPOUNDS**
[54] **OXYDATION DE COMPOSES ORGANIQUES**
[72] SETHI, DALBIR S., US
[72] BLOCK, PHILIP A., US
[72] BROWN, RICHARD A., US
[72] ROBINSON, DAVID S., US
[71] FMC CORPORATION, US
[85] 2004-12-20
[86] 2003-06-25 (PCT/US2003/020114)
[87] 2004-01-08 (WO2004/002902)
[30] US (60/391,568) 2002-06-26

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[13] A1
[51] **Int.Cl. 7C07D 487/04 7C07D 209/00 7A61P 5/00 7A61K 31/40**
[25] EN
[54] **ARYLALKYL INDOLES HAVING SEROTONIN RECEPTOR AFFINITY USEFUL AS THERAPEUTIC AGENTS, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **ARYLALKYL INDOLES A AFFINITE DE RECEPTEUR DE LA SEROTONINE UTILISES COMME AGENTS THERAPEUTIQUES, LEUR PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES CONTENANT LESDITS INDOLES**
[72] JASTI, VENKATESWARLU, IN
[72] BATTULA, SRINIVASA REDDY, IN
[72] RAMAKRISHNA, VENKATA SATYA NIROGI, IN
[72] KAMBHAMPATI, RAMA SASTRI, IN
[72] RAO, VENKATA SATYA VEERABHADRA VADLAMUDI, IN
[71] SUVEN LIFE SCIENCES LIMITED, IN
[85] 2004-12-20
[86] 2003-06-19 (PCT/IN2003/000224)
[87] 2003-12-31 (WO2004/000845)
[30] IN (476/MAS/2002) 2002-06-21

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[13] A1
[51] **Int.Cl. 7C07C 229/60**
[25] EN
[54] **TETRAFLUOROBENZYL DERIVATIVES AND PHARMACEUTICAL COMPOSITION FOR PREVENTING AND TREATING ACUTE AND CHRONIC NEURODEGENERATIVE DISEASES IN CENTRAL NERVOUS SYSTEM CONTAINING THE SAME**
[54] **DERIVES DE TETRAFLUOROBENZYLE ET COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION ET LE TRAITEMENT DE MALADIES NEURODEGENERATIVES AIGUES ET CHRONIQUES AFFECTANT LE SYSTEME NERVEUX CENTRAL CONTENANT LESDITS DERIVES**
[72] LEE, HAE UN, KR
[72] PARK, EUN CHAN, KR
[72] YOON, SUNG HWA, KR
[72] MOON, HO SANG, KR
[72] WON, SEOK JOON, KR
[72] LEE, YOUNG AE, KR
[72] GWAG, BYOUNG JOO, KR
[71] NEUROTECH CO., LTD., KR
[85] 2004-12-17
[86] 2003-06-19 (PCT/KR2003/001205)
[87] 2003-12-31 (WO2004/000786)
[30] KR (10-2002-0034259) 2002-06-19

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[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C07H 21/00 7C07K 17/00 7C07K 1/04 7G03F 7/09**
[25] EN
[54] **ANTIREFLECTIVE COATINGS FOR HIGH-RESOLUTION PHOTOLITHOGRAPHIC SYNTHESIS OF DNA ARRAY**
[54] **REVETEMENTS ANTIREFLET POUR SYNTHESE PHOTOLITHOGRAPHIQUE A HAUTE RESOLUTION D'ARRANGEMENTS ADN**
[72] MCGALL, GLENN H., US
[72] SYWE, BEI-SHEN, US
[72] TRULSON, MARK, US
[72] KAJISA, LISA T., US
[72] TRUONG, DANA, US
[71] AFFYMETRIX, INC., US
[85] 2004-12-20
[86] 2003-06-20 (PCT/US2003/019586)
[87] 2003-12-31 (WO2004/001506)
[30] US (10/177,169) 2002-06-20

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[13] A1
[51] **Int.Cl. 7C07C 31/13 7A01N 41/06 7A61K 31/277**
[25] EN
[54] N-
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[54] **ACETONITRILES N-SULPHONYLAMINES DOTES DE PROPRIETES PESTICIDES**
[72] BOUVIER, JACQUES, CH
[72] DUCRAY, PIERRE, FR
[72] ZAMBACH, WERNER, CH
[72] STEIGER, ARTHUR, CH
[71] NOVARTIS AG, CH
[85] 2004-12-15
[86] 2003-06-18 (PCT/EP2003/006483)
[87] 2003-12-31 (WO2004/000798)
[30] GB (0214117.4) 2002-06-19

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[13] A1
[51] **Int.Cl. 7H04R 1/10 7H04R 5/033**
[25] EN
[54] **HEADSET**
[54] **CASQUE D'ECOUTE**
[72] BECH, MARTIN, DK
[71] GN NETCOM A/S, DK
[85] 2004-12-20
[86] 2003-06-18 (PCT/DK2003/000403)
[87] 2003-12-31 (WO2004/002188)
[30] DK (PA 200200941) 2002-06-20

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[13] A1
[51] **Int.Cl. 7H01M 10/14**
[25] EN
[54] **MICROCELL ELECTROCHEMICAL DEVICES AND ASSEMBLIES WITH CORROSION-RESISTANT CURRENT COLLECTORS, AND METHOD OF MAKING THE SAME**
[54] **ENSEMBLES ET DISPOSITIFS ELECTROCHIMIQUES MICROCELLULAIRES EQUIPES DE COLLECTEURS DE COURANT RESISTANTS A LA CORROSION ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] ESHRAGHI, RAY R., US
[71] MICROCELL CORPORATION, US
[85] 2004-12-17
[86] 2003-06-13 (PCT/US2003/019023)
[87] 2004-01-15 (WO2004/006377)
[30] US (10/188,471) 2002-07-02

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[13] A1
[51] **Int.Cl. 7A61K 38/00 7C07K 14/00 7C07K 16/00 7C07K 17/00 7A01N 37/18**
[25] EN
[54] **COMPOSITIONS AND METHODS COMPRISING PROTEIN ACTIVATED RECEPTOR ANTAGONISTS**
[54] **COMPOSITIONS ET PROCEDES COMPRENANT DES ANTAGONISTES DES RECEPTEURS ACTIVES DE PROTEINES**
[72] HEMBROUGH, TODD, US
[72] PRIBLUDA, VICTOR, US
[71] ENTREMED, INC., US
[85] 2004-12-20
[86] 2003-06-26 (PCT/US2003/020366)
[87] 2004-01-08 (WO2004/002418)
[30] US (60/391,655) 2002-06-26
[30] US (60/398,662) 2002-07-26
[30] US (60/458,095) 2003-03-27
[30] US (60/466,296) 2003-04-29

[21] **2,490,130**
[13] A1
[51] **Int.Cl. 7A61K 31/495 7A61P 35/00 7A61K 31/17 7A61K 31/4188**
[25] EN
[54] **COMBINATION COMPRISING A VASCULOSTATIC COMPOUND AND AN ALKYLATING AGENT FOR THE TREATMENT OF A TUMOR**
[54] **COMBINAISON CONTENANT UN COMPOSE VASCULOSTATIQUE ET UN AGENT D'ALKYLATION DESTINEE AU TRAITEMENT D'UNE TUMEUR**
[72] DUGAN, MARGARET HAN, US
[71] NOVARTIS AG, CH
[85] 2004-12-20
[86] 2003-06-27 (PCT/EP2003/006848)
[87] 2004-01-08 (WO2004/002485)
[30] US (60/392,589) 2002-06-28

[21] **2,490,131**
[13] A1
[51] **Int.Cl. 7H04L 9/00**
[25] EN
[54] **KEY GENERATION IN A COMMUNICATION SYSTEM**
[54] **GENERATION DE CLES DANS UN SYSTEME DE COMMUNICATION**
[72] HSU, RAYMOND T., US
[71] QUALCOMM INCORPORATED, US
[85] 2004-12-20
[86] 2003-06-20 (PCT/US2003/019465)
[87] 2003-12-31 (WO2004/002056)
[30] US (10/177,017) 2002-06-20

[21] **2,490,132**
[13] A1
[51] **Int.Cl. 7B29C 47/68 7B01D 33/06 7B29B 13/10 7B01D 33/46**
[25] EN
[54] **DEVICE FOR THE CONTINUOUS FILTRATION OF MATERIAL BLENDS**
[54] **SYSTEME POUR FILTRER EN CONTINU DES MELANGES DE MATIERES**
[72] ETTLINGER, RODERICH, DE
[71] ETTLINGER KUNSTSTOFFMASCHINEN GMBH, DE
[85] 2004-12-20
[86] 2003-05-14 (PCT/EP2003/005015)
[87] 2004-01-08 (WO2004/002715)
[30] DE (102 29 406.2) 2002-06-29

[21] **2,490,133**
[13] A1
[51] **Int.Cl. 7B01J 27/057 7C07C 45/38 7C07F 9/38 7B01J 23/40 7B01J 23/54 7B01J 23/89**
[25] EN
[54] **USE OF TELLURIUM IN CARBON-SUPPORTED, NOBLE METAL-CONTAINING CATALYSTS FOR LIQUID PHASE OXIDATION REACTIONS**
[54] **UTILISATION DU TELLURE DANS DES CATALYSEURS SUPPORTES PAR LE CARBONE ET CONTENANT DES METAUX NOBLES DANS DES REACTIONS D'OXYDATION EN PHASE LIQUIDE**
[72] LEIBER, MARK A., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2004-12-20
[86] 2003-06-30 (PCT/US2003/020497)
[87] 2004-01-08 (WO2004/002622)
[30] US (60/392,529) 2002-06-28

[21] **2,490,134**
[13] A1
[51] **Int.Cl. 7B65D 5/32 7B65D 5/46 7B65D 5/54**
[25] EN
[54] **CARTON AND CARTON BLANK**
[54] **CARTON ET EBAUCHE DE CARTON**
[72] LEBRAS, PHILIPPE, FR
[71] MEADWESTVACO PACKAGING SYSTEMS LLC, US
[85] 2004-12-20
[86] 2003-06-26 (PCT/US2003/020216)
[87] 2004-01-08 (WO2004/002837)
[30] GB (0214745.2) 2002-06-26
[30] GB (0214819.5) 2002-06-26

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[21] **2,490,135**
[13] A1

[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING AND ANALYZING CLINICAL PICTURES AND THE CAUSES THEREOF AND FOR DETERMINING PROPOSALS FOR APPROPRIATE THERAPY**
[54] **PROCEDE ET SYSTEME POUR SAISIR ET ANALYSER DES SYNDROMES ET LEURS CAUSES ET POUR DEFINIR DES PROPOSITIONS THERAPEUTIQUES ADAPTEES**
[72] SCHULTE, MARTIN, DE
[72] NORDEN, MARION, DE
[72] GANZER, JOACHIM, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2004-12-15
[86] 2003-06-14 (PCT/EP2003/006299)
[87] 2003-12-31 (WO2004/001665)
[30] DE (102 27 542.4) 2002-06-20

[21] **2,490,136**
[13] A1

[51] **Int.Cl. 7C08F 8/12 7H01M 8/02 7B01J 47/12 7C08L 27/12 7C08F 6/16 7B01D 71/32 7H01M 4/86**
[25] EN
[54] **FLUOROPOLYMER DISPERSION AND PROCESS FOR PRODUCING FLUOROPOLYMER DISPERSION**
[54] **DISPERSION DE FLUOROPOLYMER ET PROCEDE DE PRODUCTION DE DISPERSION DE FLUOROPOLYMER**
[72] INO, TADASHI, JP
[72] ARASE, TAKUYA, JP
[72] TATEMOTO, MASAYOSHI, JP
[71] DAIKIN INDUSTRIES, LTD., JP
[85] 2004-12-17
[86] 2003-06-16 (PCT/JP2003/007591)
[87] 2004-03-04 (WO2004/018527)
[30] JP (2002-175445) 2002-06-17
[30] JP (2003-056185) 2003-03-03

[21] **2,490,137**
[13] A1

[51] **Int.Cl. 7A61M 31/00**
[25] EN
[54] **RAPIDLY DISSOLVING MICRO-PERFORATOR FOR DRUG DELIVERY AND OTHER APPLICATIONS**
[54] **MICROPERFORATEUR A DISSOLUTION RAPIDE POUR ADMINISTRATION DE PRODUITS PHARMACEUTIQUES ET AUTRES APPLICATIONS**
[72] KWON, SUNG-YUN, US
[71] KWON, SUNG-YUN, US
[85] 2004-12-20
[86] 2003-06-19 (PCT/US2003/019820)
[87] 2003-12-31 (WO2004/000389)
[30] US (10/179,749) 2002-06-25
[30] US (60/411,063) 2002-09-16

[21] **2,490,138**
[13] A1

[51] **Int.Cl. 7C07D 211/78 7A61P 9/00 7C07D 405/12 7A61K 31/451**
[25] EN
[54] **NOVEL TETRAHYDROPYRIDINE DERIVATIVES AS RENIN INHIBITORS**
[54] **NOUVEAUX DERIVES DE TETRAHYDROPYRIDINE EN TANT QU'INHIBITEURS DE RENINE**
[72] BUR, DANIEL, CH
[72] BEZENCON, OLIVIER, CH
[72] FISCHLI, WALTER, CH
[72] REMEN, LUBOS, CH
[72] WELLER, THOMAS, CH
[72] RICHARD-BILDSTEIN, SYLVIA, FR
[71] ACTELION PHARMACEUTICALS LTD., CH
[85] 2004-12-20
[86] 2003-04-29 (PCT/EP2003/004445)
[87] 2004-01-08 (WO2004/002957)
[30] EP (PCT/EP02/07102) 2002-06-27

[21] **2,490,140**
[13] A1

[51] **Int.Cl. 7B60R 22/14**
[25] EN
[54] **PROTECTIVE DEVICE FOR PACEMAKER PATIENTS OR STOMA PATIENTS**
[54] **DISPOSITIF DE PROTECTION POUR PATIENT PORTEUR D'UN STIMULATEUR CARDIAQUE OU D'UNE STOMIE**
[72] LANGE, GERALD, DE
[71] CERTOTECT GMBH, DE
[85] 2004-12-15
[86] 2003-06-17 (PCT/EP2003/006365)
[87] 2003-12-31 (WO2004/000611)
[30] DE (102 28 163.7) 2002-06-24

[21] **2,490,141**
[13] A1

[51] **Int.Cl. 7C07D 403/06 7A61P 29/00 7C07D 487/04 7C07D 209/12 7A61K 31/405**
[25] EN
[54] **1--(INDOL-3-YL)CARBONYL| PIPERAZINE DERIVATIVES**
[54] **DERIVES DE 1--(INDOL-3-YL)CARBONYL| PIPERAZINE**
[72] COWLEY, PHILLIP MARTIN, GB
[72] CAULFIELD, WILSON, GB
[72] CAIRNS, JAMES, GB
[72] TIERNEY, JASON, GB
[72] ADAM-WORRALL, JULIA, GB
[72] YORK, MARK, GB
[71] AKZO NOBEL N.V., NL
[85] 2004-12-20
[86] 2003-06-13 (PCT/EP2003/050226)
[87] 2003-12-31 (WO2004/000832)
[30] EP (02077505.2) 2002-06-21

[21] **2,490,142**
[13] A1

[51] **Int.Cl. 7A61K 9/10 7A61P 1/04 7A61K 47/12 7A61K 31/4439**
[25] EN
[54] **LIQUID DOSAGE FORMS OF PROTON PUMP INHIBITORS**
[54] **FORMES DOSIFIEES LIQUIDES TITRABLES DE MEDICAMENTS LABILES EN MILIEU ACIDE**
[72] TANEJA, RAJNEESH, US
[71] ABBOTT LABORATORIES, US
[85] 2004-12-20
[86] 2003-07-02 (PCT/US2003/020946)
[87] 2004-01-15 (WO2004/004690)
[30] US (10/190,239) 2002-07-03

[21] **2,490,143**
[13] A1

[51] **Int.Cl. 7B01F 3/04**
[25] EN
[54] **GAS ENRICHMENT MODULE**
[54] **MODULES D'ENRICHISSEMENT EN GAZ**
[72] PAKDAMAN, ABOLGHASSEM, DE
[71] PAKDAMAN, ABOLGHASSEM, DE
[85] 2004-12-15
[86] 2003-06-18 (PCT/EP2003/006452)
[87] 2003-12-31 (WO2004/000448)
[30] DE (102 27 818.0) 2002-06-21

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[21] **2,490,144**
[13] A1
[51] **Int.Cl. 7C07C 6/04 7C07F 15/00 7C08G 61/08 7B01J 31/24**
[25] EN
[54] **PHOSPHORUS CONTAINING LIGANDS FOR METATHESIS CATALYSTS**
[54] **LIGANDS CONTENANT DU PHOSPHORE POUR CATALYSEURS DE METATHESE**
[72] DWYER, CATHERINE LYNN, ZA
[72] MCCONNELL, ANN ELIZABETH CATHERINE, GB
[72] FORMAN, GRANT STEPHEN, GB
[71] SASOL TECHNOLOGY (UK) LTD, ZA
[85] 2004-12-17
[86] 2003-07-04 (PCT/ZA2003/000087)
[87] 2004-01-15 (WO2004/005223)
[30] ZA (2002/5387) 2002-07-05

[21] **2,490,145**
[13] A1
[51] **Int.Cl. 7A61K 31/4439 7A61K 9/08 7A61K 9/10 7A61K 9/26 7A61K 9/58**
[25] EN
[54] **LIQUID DOSAGE FORMS OF ACID LABILE DRUGS**
[54] **FORMES POSOLOGIQUES LIQUIDES DE MEDICAMENTS LABILES ACIDES**
[72] TANEJA, RAJNEESH, US
[71] ABBOTT LABORATORIES, US
[85] 2004-12-20
[86] 2003-07-02 (PCT/US2003/020875)
[87] 2004-01-15 (WO2004/004718)
[30] US (10/190,242) 2002-07-03

[21] **2,490,146**
[13] A1
[51] **Int.Cl. 7D01D 10/02 7C08L 79/04 7C08J 5/18 7D01F 6/74**
[25] EN
[54] **PROCESS FOR OBTAINING A SYNTHETIC ORGANIC AROMATIC HETEROCYCLIC ROD FIBER OR FILM WITH HIGH TENSILE STRENGTH AND/OR MODULUS**
[54] **PROCEDE PERMETTANT D'OBTENIR UNE FIBRE OU UN FILM A FILAMENTS HETEROCYCLIQUES AROMATIQUES ORGANIQUES PRESENTANT UNE RESISTANCE A LA TRACTION ET/OU UN MODULE ELEVES**
[72] ZEGERS, HENDRIKUS CORNELIS, NL
[71] TEIJIN TWARON B.V., NL
[85] 2004-12-15
[86] 2003-06-23 (PCT/EP2003/006578)
[87] 2004-01-08 (WO2004/003269)
[30] EP (02014303.8) 2002-06-27

[21] **2,490,147**
[13] A1
[51] **Int.Cl. 7A61K 31/4439 7A61K 9/08 7A61K 9/10**
[25] EN
[54] **LIQUID DOSAGE FORMS OF NON-ENTERICALLY COATED ACID-LABILE DRUGS**
[54] **FORMES GALENIQUES LIQUIDES DE MEDICAMENTS LABILES EN MILIEU ACIDE PELLICULES NON GASTRO-RESISTANTS**
[72] TANEJA, RAJNEESH, US
[71] ABBOTT LABORATORIES, US
[85] 2004-12-20
[86] 2003-07-02 (PCT/US2003/020876)
[87] 2004-01-15 (WO2004/004719)
[30] US (10/190,240) 2002-07-03

[21] **2,490,148**
[13] A1
[51] **Int.Cl. 7A61K 31/506 7A61P 11/06 7C07D 401/12 7C07D 401/14 7A61K 31/445**
[25] EN
[54] **2, 5-SUBSTITUTED PYRIMIDINE DERIVATIVES AS CCR-3 RECEPTOR ANTAGONISTS IX**
[54] **DERIVES DE PYRIMIDINE A SUBSTITUTION 2, 5 UTILISES EN TANT QU'ANTAGONISTES IX DU RECEPTEUR CCR-3**
[72] ROGERS, DANIEL HARRY, US
[72] WILLIAMS, JOHN PATRICK, US
[72] MAO, LONG, US
[72] DU BOIS, DAISY JOE, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2004-12-15
[86] 2003-06-25 (PCT/EP2003/006698)
[87] 2004-01-15 (WO2004/004731)
[30] US (60/393,524) 2002-07-02

[21] **2,490,149**
[13] A1
[51] **Int.Cl. 7G06F 15/16**
[25] EN
[54] **DATA CHANNEL RESOURCE OPTIMIZATION FOR DEVICES IN A NETWORK**
[54] **OPTIMISATION DES RESSOURCES DE CANAUX DE DONNEES POUR LES DISPOSITIFS D'UN RESEAU**
[72] SPRIGG, STEPHEN A., US
[72] CHANDHOK, RAVINDER, US
[72] MINEAR, BRIAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-12-20
[86] 2003-06-28 (PCT/US2003/020388)
[87] 2004-01-08 (WO2004/003771)
[30] US (10/187,220) 2002-06-28

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[21] **2,490,150**
[13] A1
[51] **Int.Cl. 7B32B 27/32 7A22C 13/00**
[25] EN
[54] **BIAXIAL STRETCH TUBULAR FILM FOR THE PACKAGING AND COVERING OF MEAT WITH OR WITHOUT BONES ARE PASTE-LIKE FOODSTUFFS AND USE THEREOF**
[54] **FILM TUBULAIRE ETIRE BIAXIALEMENT, POUR EMBALLER ET ENVELOPPER DE LA VIANDE AVEC OU SANS OS OU DES PRODUITS ALIMENTAIRES PATEUX ET SON UTILISATION**
[72] GRUND, HARTMUT, DE
[72] RAUE, FRANK, DE
[72] SCHAUER, HELMUT, DE
[71] NATURIN GMBH & CO., DE
[85] 2004-12-20
[86] 2002-07-05 (PCT/EP2002/007498)
[87] 2004-01-15 (WO2004/005024)

[21] **2,490,151**
[13] A1
[51] **Int.Cl. 7C07C 29/80 7C07B 41/00 7C07D 301/12 7B01D 3/14 7B01D 3/36**
[25] EN
[54] **PROCESS FOR THE CONTINUOUSLY OPERATED PURIFICATION BY DISTILLATION OF THE METHANOL SOLVENT USED IN THE COPRODUCT-FREE SYNTHESIS OF PROPYLENE OXIDE, WITH THE METHOXYPROPANOLS BEING SEPARATED OFF SIMULTANEOUSLY**
[54] **PROCEDE DE PURIFICATION PAR DISTILLATION EN CONTINU DU METHANOL, SOLVANT EMPLOYE POUR LA SYNTHESE D'OXYDE DE PROPYLENE SANS CO-PRODUITS, AVEC SEPARATION SIMULTANEE DES METHOXY PROPANOLS**
[72] TELES, JOAQUIM HENRIQUE, DE
[72] GOEBBEL, HANS-GEORG, DE
[72] BASSLER, PETER, DE
[72] RUDOLF, PETER, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-12-15
[86] 2003-07-22 (PCT/EP2003/007987)
[87] 2004-01-29 (WO2004/009567)
[30] DE (102 33 386.6) 2002-07-23

[21] **2,490,152**
[13] A1
[51] **Int.Cl. 7C07D 263/32 7A61P 3/10 7A61K 31/421**
[25] EN
[54] **OXAZOLE DERIVATIVES AND THEIR USE AS INSULIN SENSITIZERS**
[54] **DERIVES OXAZOLE ET UTILISATION DE CEUX-CI EN TANT QUE SENSIBILISATEURS A L'INSULINE**
[72] HUMM, ROLAND, DE
[72] BRODBECK, BERND, DE
[72] HILPERT, HANS, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2004-12-20
[86] 2003-06-26 (PCT/EP2003/006726)
[87] 2004-01-15 (WO2004/005266)
[30] EP (02014828.4) 2002-07-03

[21] **2,490,153**
[13] A1
[51] **Int.Cl. 7G01N 23/04 7H04N 13/00**
[25] EN
[54] **STEREOSCOPIC X-RAY IMAGING APPARATUS FOR OBTAINING THREE-DIMENSIONAL COORDINATES**
[54] **APPAREIL D'IMAGERIE STEREOSCOPIQUE AUX RAYONS X PERMETTANT D'OBTENIR DES COORDONNEES TRIDIMENSIONNELLES**
[72] ZANKER, JOHANNES MARTIN, GB
[71] ROYAL HOLLOWAY & BEDFORD NEW COLLEGE, GB
[85] 2004-12-15
[86] 2003-06-13 (PCT/GB2003/002572)
[87] 2003-12-24 (WO2003/106984)
[30] GB (0213951.7) 2002-06-17

[21] **2,490,155**
[13] A1
[51] **Int.Cl. 7B62M 7/14 7B62D 63/02**
[25] EN
[54] **ATTACHMENT MEANS FOR ATTACHING A WHEELCHAIR TO A MOTORIZED APPARATUS**
[54] **MOYEN DE FIXATION SERVANT A FIXER UNE CHAISE ROULANTE A UN APPAREIL MOTORISE**
[72] SAWYER, GEORGE.S., US
[71] SAWYER, GEORGE.S., US
[85] 2004-12-21
[86] 2003-06-25 (PCT/US2003/019932)
[87] 2004-01-08 (WO2004/002389)
[30] US (10/185,237) 2002-06-27

[21] **2,490,174**
[13] A1
[51] **Int.Cl. 7A61M 1/36 7B01D 19/00 7B01F 5/00**
[25] EN
[54] **GAS SEPARATION DEVICES**
[54] **DISPOSITIFS DE SEPARATION DE GAZ**
[72] RIBOLZI, FRANCESCO, IT
[72] CHEVALLET, JACQUES, FR
[72] FRUGIER, ALAIN, FR
[71] GAMBRO LUNDIA AB, SE
[85] 2004-12-15
[86] 2003-05-26 (PCT/IB2003/002281)
[87] 2003-12-31 (WO2004/000391)
[30] IT (MI2002A001390) 2002-06-24
[30] IT (MI2002A001389) 2002-06-24

[21] **2,490,179**
[13] A1
[51] **Int.Cl. 7G05D 11/13 7A47J 31/40**
[25] EN
[54] **METHOD AND DEVICE FOR DETECTING AND CHECKING THE QUALITY OR PROPERTIES OF A MIXTURE OF FLUIDS, IN PARTICULAR A FOOD OR DOMESTIC MIXTURE**
[54] **PROCEDE ET APPAREIL POUR DETECTER ET CONTROLER LA QUALITE OU LES PROPRIETES D'UN MELANGE DE LIQUIDES, EN PARTICULIER UN MELANGE ALIMENTAIRE OU DOMESTIQUE**
[72] GADINI, COSTANZO, IT
[72] FIORINI, ANDREA, IT
[71] ELTEK S.P.A., IT
[85] 2004-12-15
[86] 2003-06-13 (PCT/IB2003/002677)
[87] 2003-12-24 (WO2003/107109)
[30] IT (TO2002A000519) 2002-06-17

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[21] **2,490,187**
[13] A1
[51] **Int.Cl. 7G01F 1/10 7G01F 15/00**
[25] EN
[54] **DEVICE FOR MANUFACTURING AN AXIAL FLOW METER**
[54] **DISPOSITIF DE MESURE OU DE VERIFICATION DE FLUIDE, DESTINE NOTAMMENT A DES DISTRIBUTEURS AUTOMATIQUES DE BOISSON, PROCEDE DE FABRICATION DE CE DERNIER**
[72] PERUCCA, GIOVANNI, IT
[72] GADINI, COSTANZO, IT
[71] ELTEK S.P.A., IT
[85] 2004-12-15
[86] 2003-06-13 (PCT/IB2003/002681)
[87] 2003-12-24 (WO2003/106323)
[30] IT (TO2002A000518) 2002-06-17

[21] **2,490,188**
[13] A1
[51] **Int.Cl. 7G08C 17/02 7A47J 31/40**
[25] EN
[54] **DEVICE COMPRISING DETECTING MEANS FOR HYDRAULIC OR CHEMICAL-PHYSICAL PROPERTIES OF A FLUID**
[54] **DISPOSITIF COMPRENANT DES MOYENS DE DETECTION DE PROPRIETES CHIMICO-PHYSIQUES D'UN FLUIDE**
[72] FIORINI, ANDREA, IT
[72] GADINI, COSTANZO, IT
[71] ELTEK S.P.A., IT
[85] 2004-12-15
[86] 2003-06-13 (PCT/IB2003/002690)
[87] 2003-12-24 (WO2003/107297)
[30] IT (TO2002A000517) 2002-06-17

[21] **2,490,190**
[13] A1
[51] **Int.Cl. 7A61K 9/16**
[25] EN
[54] **CONJUGATES COMPRISING AN NSAID AND A SUGAR AND USES THEREOF**
[54] **CONJUGUES COMPRENANT UN ANTI-INFLAMMATOIRE NON STEROIDIEN ET UN SUCRE ET APPLICATIONS DE CEUX-CI**
[72] HOLICK, MICHAEL F., US
[72] RAMANATHAN, HALASYA, US
[71] A & D BIOSCIENCE, INC., US
[85] 2004-12-23
[86] 2003-06-27 (PCT/US2003/020188)
[87] 2004-01-08 (WO2004/002457)
[30] US (60/391,642) 2002-06-27

[21] **2,490,195**
[13] A1
[51] **Int.Cl. 7A01H 5/00 7C07H 21/02 7C12N 15/82**
[25] EN
[54] **NUCLEIC ACID SEQUENCES AND METHODS OF USE FOR THE PRODUCTION OF PLANTS WITH MODIFIED POLYUNSATURATED FATTY ACIDS**
[54] **SEQUENCES D'ACIDE NUCLEIQUE ET LEURS METHODES D'UTILISATION POUR LA PRODUCTION DE VEGETAUX A ACIDES GRAS POLY-INSATURES MODIFIES**
[72] FILLATTI, JOANNE J., US
[71] CALGENE LLC, US
[85] 2004-12-20
[86] 2003-06-20 (PCT/US2003/019445)
[87] 2003-12-31 (WO2004/001001)
[30] US (10/176,149) 2002-06-21

[21] **2,490,201**
[13] A1
[51] **Int.Cl. 7G01N 15/02 7G01N 21/64**
[25] EN
[54] **ANALYSIS SYSTEMS DETECTING PARTICLE SIZE AND FLUORESCENCE**
[54] **SYSTEMES D'ANALYSE POUR DETECTER LA TAILLE ET LA FLUORESCENCE DE PARTICULES**
[72] BECK, TYLER J., US
[72] KAUFMAN, STANLEY L., US
[72] HAIRSTON, PETER P., US
[71] TSI INCORPORATED, US
[85] 2004-12-20
[86] 2003-06-24 (PCT/US2003/019840)
[87] 2003-12-31 (WO2004/001382)
[30] US (60/391,135) 2002-06-24

[21] **2,490,208**
[13] A1
[51] **Int.Cl. 7G07C 9/00 7B42D 15/10**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATIC VERIFICATION OF THE HOLDER OF AN AUTHORISATION DOCUMENT**
[54] **SYSTEME ET PROCEDE SERVANT A VERIFIER AUTOMATIQUEMENT LE DETENTEUR D'UN DOCUMENT D'AUTORISATION**
[72] D'AGNOLO, CARLO ANTONIO GIOVANNI, NL
[71] ENSCHEDE/SDU B.V., NL
[85] 2004-12-15
[86] 2003-06-19 (PCT/NL2003/000447)
[87] 2004-02-26 (WO2004/017265)
[30] NL (1020903) 2002-06-19

[21] **2,490,213**
[13] A1
[51] **Int.Cl. 7G01N 13/00 7G01N 29/02**
[25] EN
[54] **SYSTEM, DEVICE AND METHOD FOR DETECTION OF SEVERAL INDIVIDUAL ANALYTES IN A SOLUTION, AND A DISPOSIBLE FLOW CELL FOR USE THEREIN**
[54] **SYSTEME, DISPOSITIF ET PROCEDE SERVANT A DETECTER PLUSIEURS SUBSTANCES INDIVIDUELLES A ANALYSER DANS UNE SOLUTION ET CUVE A CIRCULATION MISE EN APPLICATION**
[72] ANDERSSON, HENRIK, SE
[72] MANSSON, PER, SE
[72] SMITH, JAN, SE
[72] JENSEN, KJELD, SE
[72] AASTRUP, TEODOR, SE
[71] BIOSENSOR APPLICATIONS SWEDEN AB (PUBL), SE
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[86] 2003-06-18 (PCT/SE2003/001038)
[87] 2003-12-31 (WO2004/001392)
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[30] SE (0201877-8) 2002-06-19
[30] SE (0201876-0) 2002-06-19
[30] US (60/389,493) 2002-06-19

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[54] **CONVEYOR BELT**
[54] **BANDE TRANSPORTEUSE**
[72] MALMBERG, JONNY, SE
[72] OLSSON, LENNART, SE
[71] FRIGOSCANDIA EQUIPMENT AB, SE
[85] 2004-12-15
[86] 2003-06-25 (PCT/SE2003/001094)
[87] 2004-01-15 (WO2004/005167)
[30] SE (0202117-8) 2002-07-08

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[25] EN
[54] **AN APPARATUS FOR OPENING AND CLOSING A SLIDING DOOR**
[54] **DISPOSITIF POUR L'OUVERTURE ET LA FERMETURE D'UNE PORTE COULISSANTE**
[72] HERMANSSON, SONNIE, SE
[71] HERMANSSON, SONNIE, SE
[85] 2004-12-15
[86] 2003-07-16 (PCT/SE2003/001218)
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[30] SE (0202266-3) 2002-07-18

[21] **2,490,219**
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[51] **Int.Cl. 7A61K 31/785**
[25] EN
[54] **FAT-BINDING POLYMERS**
[54] **POLYMERES LIANT DES GRAISSES**
[72] HOLMES-FARLEY, STEPHEN RANDALL, US
[71] GENZYME CORPORATION, US
[85] 2004-12-15
[86] 2002-07-01 (PCT/US2002/020922)
[87] 2003-01-09 (WO2003/002130)
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[21] **2,490,221**
[13] A1

[51] **Int.Cl. 7D01D 5/098 7D01D 4/02**
[25] EN
[54] **ATTENUATING FLUID MANIFOLD FOR MELTBLOWING DIE**
[54] **COLLECTEUR DE FLUIDE D'ATTENUATION POUR FILIERE DE FUSION-SOUFFLAGE**
[72] ERICKSON, STANLEY C., US
[72] BREISTER, JAMES C., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-12-15
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[30] US (10/177,814) 2002-06-20

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[13] A1

[51] **Int.Cl. 7D01D 5/098 7D01D 4/02**
[25] EN
[54] **MELTBLOWING APPARATUS EMPLOYING PLANETARY GEAR METERING PUMP**
[54] **APPAREIL DE FUSION-SOUFFLAGE UTILISANT UNE POMPE DE DOSAGE A ENGRENAGE PLANETAIRE**
[72] SCHWARTZ, MICHAEL G., US
[72] SAGER, PATRICK J., US
[72] ERICKSON, STANLEY C., US
[72] BREISTER, JAMES C., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[30] US (10/177,419) 2002-06-20

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[51] **Int.Cl. 7H04L 9/32 7G06F 12/14 7H04L 9/30**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURE BIOMETRIC AUTHENTICATION**
[54] **SYSTEMES ET PROCEDES D'AUTHENTIFICATION SECURISEE**
[72] LACOUS, MIRA K., US
[71] BIO-KEY INTERNATIONAL, INC., US
[85] 2004-12-15
[86] 2003-05-20 (PCT/US2003/015776)
[87] 2003-12-31 (WO2004/001656)
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[51] **Int.Cl. 7G07F 17/32**
[25] EN
[54] **ELIMINATION GAMES FOR GAMING MACHINES**
[54] **JEUX D'ELIMINATION POUR APPAREIL DE JEUX DE HASARD**
[72] LEMAY, STEVEN G., US
[72] BEAULIEU, NICOLE M., US
[71] IGT, US
[71] LEMAY, STEVEN G., US
[71] BEAULIEU, NICOLE M., US
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[87] 2003-12-31 (WO2004/001688)
[30] US (10/176,171) 2002-06-19

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[13] A1

[51] **Int.Cl. 7B21C 47/00 7B65B 63/04**
[25] EN
[54] **METHODS AND APPARATUS FOR FOLDING SHEET MATERIAL**
[54] **PROCEDES ET APPAREIL PERMETTANT DE PLIER UN MATERIAU EN FEUILLE**
[72] HOWE, MICHAEL G., US
[72] SCHAEFER, JOHN W., US
[72] WEAVER, RICHARD A., US
[71] CONTOUR FABRICATORS, INC., US
[85] 2004-12-15
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[87] 2003-12-31 (WO2004/000477)
[30] US (10/174,922) 2002-06-19

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[51] **Int.Cl. 7A61B 17/02**
[25] EN
[54] **SYSTEMS AND METHODS FOR MOVING ANATOMICAL ELEMENTS COMPRISING FEEDBACK**
[54] **SYSTEMES ET PROCEDES POUR DEPLACER DES ELEMENTS ANATOMIQUES**
[72] FOLEY, KEVIN T., US
[72] POYNER, JEFFREY W., US
[72] COATES, BRADLEY J., US
[72] VAN HOECK, JAMES E., US
[71] SDGI HOLDINGS, INC., US
[85] 2004-12-16
[86] 2003-06-12 (PCT/US2003/018592)
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[30] US (60/390,131) 2002-06-19
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[13] A1

[51] **Int.Cl. 7F16L 55/16**
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[54] **INVERSION LINER AND LINER COMPONENTS FOR CONDUITS**
[54] **GAINNE D'INVERSION ET COMPOSANTES DE GAINNE POUR CONDUITS**
[72] TIGCHELAAR, MARK, CA
[72] PLEYDON, ROBERT, CA
[72] WOOLSTENCROFT, JON H., CA
[71] SAINT-GOBAIN TECHNICAL FABRICS CANADA, LTD., CA
[71] CERTAINTED CORPORATION, US
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[13] A1

[51] **Int.Cl. 7A61L 27/34 7A61L 29/08 7A61L 31/10 7A61L 27/54**
[25] EN
[54] **BIOACTIVE AGENT RELEASE COATING AND CONTROLLED HUMIDITY METHOD**
[54] **REVETEMENT DE LIBERATION D'AGENT BIOLOGIQUES ET PROCEDE D'HYGROMETRIE CONTROLEE**
[72] TRAN, LINH V., US
[72] ANDERSON, ARON B., US
[72] HERGENROTHER, ROBERT W., US
[72] LAWIN, LAURIE R., US
[72] CHAPPA, RALPH A., US
[72] OFSTEAD, RONALD F., US
[71] SURMODICS, INC., US
[85] 2004-12-15
[86] 2003-06-18 (PCT/US2003/019107)
[87] 2003-12-24 (WO2003/105919)
[30] US (10/175,210) 2002-06-18

[21] **2,490,234**
[13] A1

[51] **Int.Cl. 7G01N 29/10 7G01B 17/00**
[25] EN
[54] **ULTRASONIC TESTING OF FITTING ASSEMBLY FOR FLUID CONDUITS WITH A HAND-HELD APPARATUS**
[54] **VERIFICATION PAR ULTRASONS DE RACCORDS POUR TUBES**
[72] SEYMOUR, MICHAEL DOUGLAS, GB
[72] WILLIAMS, PETER C., US
[72] YANG, WENXIAN, GB
[72] RUBINSKI, JEFFREY M., US
[72] HULL, JOHN BARRY, GB
[72] ALES, RICHARD A., US
[72] GLIME, WILLIAM H., US
[71] SWAGELOK COMPANY, US
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[86] 2003-06-17 (PCT/US2003/019133)
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[51] **Int.Cl. 7C11D 7/50 7C23G 1/24 7C11D 3/28 7C11D 3/30 7C11D 7/32 7C11D 3/43**
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[54] **NON-SURFACTANT SOLUBILIZING AGENT**
[54] **AGENT DE SOLUBILISATION NON TENSIOACTIF**
[72] LEVITT, MARK, US
[72] GRIESE, GREG, US
[71] ECOLAB INC., US
[85] 2004-12-15
[86] 2003-06-17 (PCT/US2003/019134)
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[30] US (10/236,732) 2002-09-06

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[13] A1

[51] **Int.Cl. 7A61B 17/14 7A61B 17/15**
[25] EN
[54] **GUIDE AND BLADE FOR CONTOURING VERTEBRAL BODIES**
[54] **GUIDE ET LAME DESTINES A TRACER LES CONTOURS DE CORPS VERTEBRAUX**
[72] SIMONTON, THOMAS A., US
[72] SQUIRES, CRAIG M., US
[72] MARIK, GREGORY C., US
[71] SDGI HOLDINGS, INC., US
[85] 2004-12-16
[86] 2003-06-17 (PCT/US2003/019137)
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[51] **Int.Cl. 7A23L 1/00 7A23B 4/08 7A23B 4/16**
[25] EN
[54] **APPARATUS AND METHOD FOR EXPOSING COMMINUTED FOODSTUFF TO A PROCESSING FLUID**
[54] **APPAREIL ET PROCEDE DESTINES A EXPOSER UN PRODUIT ALIMENTAIRE HACHE A UN FLUIDE DE TRAITEMENT**
[72] ROTH, ELDON, US
[71] FREEZING MACHINES, INC., US
[85] 2004-12-15
[86] 2003-06-18 (PCT/US2003/019221)
[87] 2003-12-24 (WO2003/105598)
[30] US (10/173,955) 2002-06-18
[30] US (10/269,278) 2002-10-11

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[13] A1

[51] **Int.Cl. 7A61L 27/26 7A61L 29/04**
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[54] **BIOACTIVE AGENT RELEASE COATING WITH AROMATIC POLY(METH)ACRYLATES**
[54] **REVETEMENT DESTINE A LIBERER DES AGENTS BIOACTIFS A POLY(METH)ACRYLATES AROMATIQUES**
[72] LAWIN, LAURIE R., US
[72] TRAN, LINH V., US
[72] ANDERSON, ARON B., US
[72] HERGENROTHER, ROBERT W., US
[72] OFSTEAD, RONALD F., US
[72] CHAPPA, RALPH A., US
[71] SURMODICS, INC., US
[85] 2004-12-15
[86] 2003-06-18 (PCT/US2003/019249)
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[30] US (10/174,635) 2002-06-18

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[13] A1

[51] **Int.Cl. 7C07D 471/04 7A61P 15/10 7C07D 491/18 7A61K 31/4745**
[25] EN
[54] **SUBSTITUTED 2,4-DIHYDRO-PYRROLO (3, 4-B) -QUINOLIN-9-ONE DERIVATIVES USEFUL AS PHOSPHODIESTERASE INHIBITORS**
[54] **DERIVES SUBSTITUES DE 2,4-DIHYDRO-PYRROLO (3, 4-B) - QUINOLIN-9-ONE UTILISES COMME INHIBITEURS DE LA PHOSPHODIESTERASE**
[72] JIANG, WEIQIN, US
[72] SUI, ZHIHUA, US
[71] JANSSEN PHARMACEUTICA, NV, BE
[85] 2004-12-15
[86] 2003-06-17 (PCT/US2003/019262)
[87] 2003-12-31 (WO2004/000842)
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[51] **Int.Cl. 7B29D 22/00 7H05B 6/00 7B65D 8/06**
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[54] **MULTILAYERED PLASTIC CONTAINER**
[54] **CONTENANT EN PLASTIQUE MULTICOUCHES**
[72] DARR, RICHARD C., US
[72] SLAT, WILLIAM A., US
[71] PLASTIPAK PACKAGING, INC., US
[85] 2004-12-15
[86] 2003-06-18 (PCT/US2003/019320)
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[30] US (60/392,006) 2002-06-25
[30] US (10/461,623) 2003-06-13

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[13] A1
[51] **Int.Cl. 7A61L 27/34 7A61L 29/08 7A61L 31/10 7A61L 27/54**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING BIOACTIVE AGENT RELEASE COATING**
[54] **PROCEDE ET SYSTEME PERMETTANT D'OBTENIR UN REVETEMENT LIBERANT DES AGENTS BIOACTIFS**
[72] CHUDZIK, STEPHEN J., US
[72] KLOKE, TIMOTHY M., US
[72] HERGENROTHER, ROBERT W., US
[72] ANDERSON, ARON B., US
[72] TRAN, LINH V., US
[72] LAWIN, LAURIE R., US
[72] OFSTEAD, RONALD F., US
[72] CHAPPA, RALPH A., US
[71] SURMODICS, INC., US
[85] 2004-12-15
[86] 2003-06-18 (PCT/US2003/019343)
[87] 2003-12-24 (WO2003/105920)
[30] US (10/175,212) 2002-06-18

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[51] **Int.Cl. 7B01D 61/14**
[25] EN
[54] **TANGENTIAL FLOW FILTRATION DEVICES AND METHODS FOR LEUKOCYTE ENRICHMENT**
[54] **DISPOSITIFS DE FILTRATION TANGENTIELLE ET METHODES D'ENRICHISSEMENT DES LEUCOCYTES**
[72] MONAHAN, STEVEN J., US
[72] BOSCH, MARNIX L., US
[72] HARRIS, PAUL C., US
[72] LODGE, PATRICIA A., US
[72] TURNER, ALLEN, US
[72] BOYNTON, ALTON L., US
[71] NORTHWEST BIOTHERAPEUTICS, INC., US
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[87] 2003-12-31 (WO2004/000444)
[30] US (60/390,730) 2002-06-19

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[13] A1
[51] **Int.Cl. 7H01J 1/02 7H01J 1/52**
[25] EN
[54] **INDUSTRIAL HOLLOW CATHODE**
[54] **CATHODE CREUSE INDUSTRIELLE**
[72] KAUFMAN, HAROLD R., US
[72] KAHN, JAMES R., US
[71] KAUFMAN & ROBINSON, INC., US
[85] 2004-12-20
[86] 2003-06-17 (PCT/US2003/018957)
[87] 2004-01-08 (WO2004/003954)
[30] US (60/392,187) 2002-06-27

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[13] A1
[51] **Int.Cl. 7C08J 9/08 7C08J 9/10 7C08J 9/12 7C08J 9/14**
[25] EN
[54] **POLYOLEFIN FOAMS MADE WITH ISOPENTANE-BASED BLOWING AGENTS**
[54] **MOUSSES POLYOLEFINIQUES FABRIQUEES AVEC DES AGENTS DE GONFLEMENT A BASE D'ISOPENTANE**
[72] HANDA, PAUL Y., US
[72] GU, JIAYAN, US
[71] PACTIV CORPORATION, US
[85] 2004-12-20
[86] 2003-06-10 (PCT/US2003/018151)
[87] 2004-01-15 (WO2004/005382)
[30] US (10/188,263) 2002-07-02

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[13] A1
[51] **Int.Cl. 7C08K 3/34 7C08L 51/00**
[25] EN
[54] **FUNCTIONALIZED ELASTOMER NANOCOMPOSITE**
[54] **NANOCOMPOSITE ELASTOMERE FONCTIONNALISE**
[72] POOLE, BEVERLY J., US
[72] KARP, KRISS R., US
[72] GONG, CAIGUO, US
[72] TSOU, ANDY H., US
[72] DIAS, ANTHONY J., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
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[86] 2003-05-30 (PCT/US2003/016944)
[87] 2004-01-15 (WO2004/005387)
[30] US (60/394,098) 2002-07-05

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[13] A1
[51] **Int.Cl. 7F16K 31/02**
[25] EN
[54] **AUTOMATED WATER DELIVERY SYSTEMS WITH FEEDBACK CONTROL**
[54] **SYSTEMES DE DISTRIBUTION D'EAU AUTOMATISES A COMMANDE ASSERVIE**
[72] HERBERT, KAY, US
[72] GULER, FATIH, US
[72] PARSONS, NATAN E., US
[71] ARICHELL TECHNOLOGIES, INC., US
[85] 2004-12-20
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[87] 2004-01-15 (WO2004/005628)
[30] US (60/391,284) 2002-06-24
[30] US (60/391,282) 2002-06-24
[30] US (PCT/US02/38757) 2002-12-04
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[51] **Int.Cl. 7A61K 31/4035 7A61P 43/00 7A61P 3/10**
[25] EN
[54] **DRUG COMPOSITION FOR BLOOD SUGAR CONTROL**
[54] **COMPOSITION MEDICAMENTEUSE PERMETTANT DE REGULER LA GLYCEMIE**
[72] KIYONO, YUJI, JP
[72] SUZUKI, HISAO, JP
[72] MIKOSHIBA, IMAO, JP
[71] KISSEI PHARMACEUTICAL CO., LTD., JP
[85] 2004-12-17
[86] 2003-06-26 (PCT/JP2003/008083)
[87] 2004-01-08 (WO2004/002473)
[30] JP (2002-189556) 2002-06-28

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[13] A1

[51] **Int.Cl. 7C08L 21/00 7B60C 1/00 7C08L 13/00**
[25] EN
[54] **RUBBER MIXTURES CONTAINING COPOLYMERS FOR THE PRODUCTION OF TYRES**
[54] **MELANGES DE CAOUTCHOUC CONTENANT DES COPOLYMERES POUR PRODUIRE DES PNEUS**
[72] RAWLINSON, ADRIAN, DE
[72] ENGEHAUSEN, RUEDIGER, DE
[72] WENDLING, PETER, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2004-12-20
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[87] 2003-12-31 (WO2004/000932)
[30] DE (102 27 733.8) 2002-06-21

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[51] **Int.Cl. 7C08G 18/24 7C08G 77/00**
[25] EN
[54] **LOW EMISSION TIN CATALYSTS**
[54] **CATALYSEURS A L'ETAİN A FAIBLE EMISSION**
[72] SCHUMACHER, OLIVER, DE
[71] CROMPTON GMBH, DE
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[87] 2003-12-31 (WO2004/000906)
[30] EP (02013830.1) 2002-06-21

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[13] A1

[51] **Int.Cl. 7C07D 513/04 7A61P 25/00 7A61K 31/429**
[25] EN
[54] **TETRACYCLIC ARYLSULFONYL INDOLES HAVING SEROTONIN RECEPTOR AFFINITY**
[54] **NOUVEAUX INDOLES TETRACYCLIQUES ARYLSULFONYLE AYANT UNE AFFINITE DU RECEPTEUR DE LA SEROTONINE ET UTILES COMME AGENTS THERAPEUTIQUES, LEUR PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] JASTI, VENKATESWARLU, IN
[72] RAMAKRISHNA, VENKATA SATYA NIROGI, IN
[72] RAO, VENKATA SATYA

VEERABHADRA VADLAMUDI, IN
[72] VEERARAEDDY, ARAVA, IN
[72] KAMBHAMPATI, RAMA SASTRI, IN
[72] BATTULA, SRINIVASA REDDY, IN
[71] SUVEN LIFE SCIENCES LIMITED, IN
[85] 2004-12-20
[86] 2003-06-19 (PCT/IN2003/000222)
[87] 2003-12-31 (WO2004/000849)
[30] IN (478/MAS/2002) 2002-06-21

[21] **2,490,255**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 9/00**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING COOKIES ACCORDING TO A PRIVACY POLICY**
[54] **PROCEDE ET SYSTEME DE GESTION DE TEMOINS CONFORMEMENT A UNE POLITIQUE DE CONFIDENTIALITE**
[72] NILSSON, MIKAEL, SE
[72] THOERNQVIST, PETER, SE
[72] LINDSKOG, HELENA, SE
[72] HJELM, JOHAN, SE
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2004-12-20
[86] 2003-06-19 (PCT/SE2003/001067)
[87] 2004-01-15 (WO2004/006130)
[30] SE (0202057-6) 2002-07-02

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[13] A1

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[25] FR
[54] **VARIANTS DU POLYPEPTIDE PAMP DE BACTERIES DU GENRE STREPTOMYCES.**
[54] **NOVEL VARIANTS OF THE PAMP POLYPEPTIDE OF BACTERIA OF GENUS STREPTOMYCES**
[72] THIBAUT, DENIS, FR
[72] BAMAS-JACQUES, NATHALIE, FR
[72] FAMECHON, ALAIN, FR
[71] AVENTIS PHARMA S.A., FR
[85] 2004-12-20
[86] 2003-06-23 (PCT/FR2003/001926)
[87] 2004-01-08 (WO2004/003012)
[30] FR (02/08057) 2002-06-28

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[13] A1

[51] **Int.Cl. 7F24J 2/07 7H02N 3/00 7H02K 44/08 7F24J 2/10**
[25] EN
[54] **SOLAR MAGNETOHYDRODYNAMIC POWER GENERATION**
[54] **PRODUCTION DE COURANT SOLAIRE MAGNETOHYDRODYNAMIQUE**
[72] HARRINGTON, JULIETTE, US
[71] HARRINGTON, JULIETTE, US
[85] 2004-12-20
[86] 2003-07-22 (PCT/AU2003/000926)
[87] 2004-02-05 (WO2004/011857)
[30] AU (2002950395) 2002-07-26

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[51] **Int.Cl. 7H04L 7/00**
[25] EN
[54] **A SYSTEM AND METHOD FOR CORRECTING THE CLOCK DRIFT AND MAINTAINING THE SYNCHRONIZATION IN WIRELESS NETWORKS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE CORRIGER UNE DERIVE D'HORLOGE ET DE MAINTENIR LA SYNCHRONISATION DANS DES RESEAUX SANS FIL**
[72] BELCEA, JOHN M., US
[71] MESHNETWORKS, INC., US
[85] 2004-12-20
[86] 2003-07-03 (PCT/US2003/020909)
[87] 2004-01-15 (WO2004/006493)
[30] US (10/188,982) 2002-07-05

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[51] **Int.Cl. 7C08L 79/04 7C08J 5/18 7D01F 6/74**
[25] EN
[54] **HIGHLY DURABLE POLYBENZAZOLE COMPOSITION, FIBER AND FILM**
[54] **COMPOSITION, FIBRE ET FILM DE POLYBENZAZOLE PRESENTANT UNE LONGUE DUREE DE VIE**
[72] ICHIRYU, TAKAHARU, JP
[72] ABE, YUKIHIRO, JP
[72] MATSUOKA, GO, JP
[72] KUROKI, TADAO, JP
[72] MURASE, HIROKI, JP
[72] KIRIYAMA, KOHEI, JP
[72] NAKAMURA, MUNEATSU, JP
[72] OKUYAMA, YUKINARI, JP
[72] NOMURA, YUKIHIRO, JP
[72] EGUCHI, HIRONORI, JP
[71] TOYO BOSEKI KABUSHIKI KAISHA, JP
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[86] 2003-06-26 (PCT/JP2003/008067)
[87] 2004-01-08 (WO2004/003080)
[30] JP (2002-186419) 2002-06-26
[30] JP (2002-239699) 2002-08-20
[30] JP (2002-263185) 2002-09-09
[30] JP (2002-263186) 2002-09-09
[30] JP (2002-263184) 2002-09-09
[30] JP (2002-307543) 2002-10-22
[30] JP (2002-316298) 2002-10-30
[30] JP (2002-316297) 2002-10-30
[30] JP (2002-318266) 2002-10-31
[30] JP (2002-318267) 2002-10-31
[30] JP (2002-318265) 2002-10-31
[30] JP (2002-319830) 2002-11-01

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[51] **Int.Cl. 7H04L 9/00 7H04Q 7/22 7H04L 9/32**
[25] EN
[54] **A SYSTEM AND METHOD FOR DETERMINING PHYSICAL LOCATION OF A NODE IN A WIRELESS NETWORK DURING AN AUTHENTICATION CHECK OF THE NODE**
[54] **SYSTEME ET PROCEDE SERVANT A DETERMINER L'EMPLACEMENT PHYSIQUE D'UN NOEUD DANS UN RESEAU SANS FIL PENDANT UN CONTROLE D'AUTHENTIFICATION DU NOEUD**
[72] WHITE, ERIC D., US
[72] WHITEHILL, ERIC A., US
[71] MESHNETWORKS, INC., US
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[30] US (60/398,834) 2002-07-29
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[54] **DIFFERENTIATION MODULATING AGENTS AND USES THEREFOR**
[54] **AGENTS DE MODULATION DE LA DIFFERENCIATION ET UTILISATIONS ASSOCIEES**
[72] HUTLEY, LOUISE JOYCE, AU
[72] PRINS, JOHANNES BERNHARD, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[71] THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH, AU
[85] 2004-12-20
[86] 2003-06-27 (PCT/AU2003/000826)
[87] 2004-01-08 (WO2004/003179)
[30] US (60/392,130) 2002-06-27

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[13] A1

[51] **Int.Cl. 7G01L 9/00 7G01L 19/00 7G01L 19/14**
[25] EN
[54] **PRESSURE SENSOR HOUSING AND ASSEMBLY**
[54] **ENSEMBLE ET LOGEMENT DE CAPTEUR DE PRESSION**
[72] BODIN, JOEL, US
[71] HONEYWELL INTERNATIONAL, INC., US
[85] 2004-12-21
[86] 2003-06-24 (PCT/US2003/020947)
[87] 2003-12-31 (WO2004/001360)
[30] US (10/173,091) 2002-06-24

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[13] A1

[51] **Int.Cl. 7H04L 29/14 7G06F 19/00 7H04L 29/06 7G07F 17/32**
[25] EN
[54] **REDUNDANT GAMING NETWORK MEDIATION**
[54] **MEDIATION REDONDANTE DE RESEAU DE JEU**
[72] NGUYEN, BINH T., US
[71] IGT, US
[85] 2004-12-20
[86] 2003-06-10 (PCT/US2003/018356)
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[30] US (10/187,059) 2002-06-28

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[13] A1

[51] **Int.Cl. 7G01N 15/08**
[25] EN
[54] **LIQUID EXTRUSION POROSIMETER AND METHOD**
[54] **POROSIMETRE A EXTRUSION DE LIQUIDE ET PROCEDE CORRESPONDANT**
[72] JENA, AKSHAYA, US
[72] GUPTA, KRISHNA M., US
[71] POROUS MATERIALS, INC., US
[85] 2004-12-21
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[72] GRAHAM, PAUL D., US
[72] SCHULZ, MARK F., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[86] 2003-05-16 (PCT/US2003/015481)
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[51] **Int.Cl. 7H03M 7/00 7G01S 7/295**
[25] EN
[54] **MEASUREMENT AND SIGNATURE INTELLIGENCE ANALYSIS AND REDUCTION TECHNIQUE**
[54] **PROCEDE D'ANALYSE ET DE REDUCTION DE MESURE ET D'INTELLIGENCE DE SIGNATURE**
[72] POEHLER, PAUL L., US
[72] CIRILLO, FRANCIS R., US
[71] SCIENCE APPLICATIONS INTERNATIONAL CORPORATION, US
[85] 2004-12-20
[86] 2003-06-26 (PCT/US2003/020295)
[87] 2004-01-08 (WO2004/004309)
[30] US (60/392,316) 2002-06-28
[30] US (10/269,818) 2002-10-11

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[51] **Int.Cl. 7C01B 17/04**
[25] EN
[54] **WASTE-HEAT BOILER FOR A CLAUD PLANT**
[54] **CHAUDIERE A RECUPERATION POUR UNE INSTALLATION CLAUD**
[72] SCHUEPPHAUS, KLAUS, DE
[72] THIELERT, HOLGER, DE
[71] THYSSENKRUPP ENCOKE GMBH, DE
[85] 2004-12-20
[86] 2003-05-09 (PCT/EP2003/004868)
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[30] DE (102 33 818.3) 2002-07-25

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[13] A1

[51] **Int.Cl. 7C12N 9/24 7C12P 21/00 7C12N 9/10 7C12N 15/81**
[25] EN
[54] **PROTEIN GLYCOSYLATION MODIFICATION IN PICHIA PASTORIS**
[54] **MODIFICATION DE LA GLYCOSYLATION DES PROTEINES CHEZ PICHIA PASTORIS**
[72] WOUTER, VERVECKEN, BE
[72] KAIGORODOV, VLADIMIR, BE
[72] GEYSSENS, STEVEN C. J., BE
[72] CONTRERAS, ROLAND, BE
[72] CALLEWAERT, NICO L. M., BE
[71] FLANDERS INTERUNIVERSITY INSTITUTE FOR BIOTECHNOLOGY, BE
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[86] 2003-06-25 (PCT/EP2003/006711)
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[30] US (10/185,475) 2002-06-26

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[13] A1

[51] **Int.Cl. 7H05B 37/02**
[25] EN
[54] **LIGHTING ENERGY MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE L'ENERGIE D'ECLAIRAGE**
[72] HOFFKNECHT, MARC O., CA
[71] ENCELIUM TECHNOLOGIES INC., CA
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[86] 2003-06-19 (PCT/CA2003/000922)
[87] 2004-01-08 (WO2004/004423)
[30] US (60/392,033) 2002-06-28
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[51] **Int.Cl. 7E05B 65/20 7E05B 13/00**
[25] EN
[54] **OUTSIDE VEHICLE DOOR HANDLE**
[54] **POIGNEE DE PORTE EXTERIEURE POUR VEHICULE**
[72] STIGLICH, DEEANNA, US
[72] LEBSACK, PATRICK JAMES, US
[72] CARROLL, JEFFREY, US
[71] INTIER AUTOMOTIVE CLOSURES INC., CA
[85] 2004-12-20
[86] 2003-06-27 (PCT/CA2003/000924)
[87] 2004-01-08 (WO2004/003322)
[30] US (60/392,441) 2002-06-28

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[13] A1

[51] **Int.Cl. 7C11D 17/04 7C11D 7/24**
[25] EN
[54] **CLEANING WIPE HAVING WATER STAINING RESISTANCE**
[54] **CHIFFON DE NETTOYAGE ANTITACHES D'EAU**
[72] SWAINGER, LYNNE, GB
[72] LEDGER, CHRISTOPHER PHILLIP, GB
[71] RECKITT BENCKISER (UK) LIMITED, GB
[85] 2004-12-20
[86] 2003-06-20 (PCT/GB2003/002653)
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[13] A1

[51] **Int.Cl. 7A61B 17/17**
[25] EN
[54] **INSTRUMENTS AND TECHNIQUES FOR SPINAL DISC SPACE PREPARATION**
[54] **INSTRUMENTS ET TECHNIQUES SERVANT A PREPARER L'ESPACE INTERVERTEBRAL**
[72] BERRY, BRET M., US
[71] SDGI HOLDINGS, INC., US
[85] 2004-12-21
[86] 2003-06-05 (PCT/US2003/017700)
[87] 2004-01-08 (WO2004/002332)
[30] US (10/186,082) 2002-06-28

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[13] A1

[51] **Int.Cl. 7E21B 49/00 7G01N 33/28**
[25] EN
[54] **SYSTEM FOR DETECTING GAS IN A WELLBORE DURING DRILLING**
[54] **SYSTEME DESTINE A DETECTER DU GAZ DANS UN Puits DE FORAGE DURANT LE FORAGE**
[72] COENEN, JOSEF GUILLAUME CHRISTOFFEL, NL
[71] SHELL CANADA LIMITED, CA
[85] 2004-12-20
[86] 2003-06-17 (PCT/EP2003/006414)
[87] 2004-01-08 (WO2004/003343)
[30] EP (02254596.6) 2002-06-28

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[13] A1

[51] **Int.Cl. 7A61K 31/55 7A61P 3/10 7A61P 9/10**
[25] EN
[54] **USE OF VASOPEPTIDASE INHIBITORS IN THE TREATMENT OF NEPHROPATHY**
[54] **UTILISATION D'INHIBITEURS DE LA VASOPEPTIDASE DANS LE TRAITEMENT D'UNE NEPHROPATHIE**
[72] SCHAFFER, STEFAN, DE
[72] LINZ, WOLFGANG, DE
[72] BLEICH, MARKUS, DE
[72] HUBER, JOCHEN, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2004-12-21
[86] 2003-06-13 (PCT/EP2003/006276)
[87] 2004-01-08 (WO2004/002492)
[30] DE (102 29 180.2) 2002-06-28

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[13] A1

[51] **Int.Cl. 7C07K 14/47 7C07K 19/00 7A61K 38/17 7G01N 33/68**
[25] EN
[54] **COMPONENTS OF THE PRESENILIN-COMPLEX**
[54] **CONSTITUANTS DU COMPLEXE DE PRESENILINE**
[72] ROWLEY, ADELE, GB
[72] HALE, RICHARD, GB
[71] CELLZOME AG, DE
[85] 2004-12-20
[86] 2003-06-25 (PCT/EP2003/006704)
[87] 2004-01-22 (WO2004/007544)
[30] EP (02014244.4) 2002-06-26

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[13] A1

[51] **Int.Cl. 7F16H 7/24**
[25] EN
[54] **BELT INSTALLATION TOOL**
[54] **OUTIL D'INSTALLATION DE COURROIE**
[72] SHAW, JOHN MARTIN, US
[72] ELLIS, JOHN, US
[72] FLETCHER, BARRY, CA
[71] THE GATES CORPORATION, US
[85] 2004-12-20
[86] 2003-05-14 (PCT/US2003/015594)
[87] 2004-01-08 (WO2004/003404)
[30] US (60/392,886) 2002-06-28

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[13] A1

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[25] EN
[54] **ANTIBODIES THAT SPECIFICALLY BIND TO REG IV**
[54] **ANTICORPS QUI SE LIENT SPECIFIQUEMENT A REG IV**
[72] ROSEN, CRAIG A., US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2004-12-20
[86] 2003-06-26 (PCT/US2003/019908)
[87] 2004-01-08 (WO2004/003144)
[30] US (60/392,382) 2002-07-01

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[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 9/44**
[25] EN
[54] **VIEWS FOR SOFTWARE ATOMIZATION**
[54] **VUES POUR L'ATOMISATION DE LOGICIELS**
[72] HOSTETTER, MATHEW J., US
[72] HARRISON, BENJAMIN R., US
[71] SUMISHO COMPUTER SYSTEMS CORPORATION, JP
[85] 2004-12-20
[86] 2003-06-18 (PCT/US2003/019180)
[87] 2003-12-31 (WO2004/001592)
[30] US (10/178,898) 2002-06-21

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[13] A1

[51] **Int.Cl. 7A61K 38/05 7A61K 38/06 7A61K 38/07 7A61K 38/08 7A23L 1/305**
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[54] **UTILISATION DE PEPTIDES DE LA CASEINE POUR TRAITER L'HYPERTENSION**
[54] **USE OF CASEIN PEPTIDES FOR TREATING HYPERTENSION**
[72] GAILLARD, JEAN-LUC, FR
[72] TAUZIN, JEROME, FR
[72] MICLO, LAURENT, FR
[72] LEFRANC, CATHERINE, FR
[72] BOUDIER, JEAN-FRANCOIS, FR
[71] INGREDIA, FR
[85] 2004-12-21
[86] 2003-06-24 (PCT/FR2003/001945)
[87] 2004-01-08 (WO2004/002509)
[30] FR (02/08036) 2002-06-27

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[13] A1

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE IDENTIFICATION OF ANTIBIOTICS THAT ARE NOT SUSCEPTIBLE TO ANTIBIOTIC RESISTANCE**
[54] **PROCEDES ET COMPOSITIONS POUR L'IDENTIFICATION D'ANTIBIOTIQUES QUI NE REAGISSENT PAS A LA RESISTANCE AUX ANTIBIOTIQUES**
[72] CUNNINGHAM, PHILLIP R., US
[71] WAYNE STATE UNIVERSITY, US
[85] 2004-12-20
[86] 2003-07-01 (PCT/US2003/020963)
[87] 2004-01-08 (WO2004/003511)
[30] US (60/393,237) 2002-07-01
[30] US (60/452,012) 2003-03-05

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[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **CLOSED LOOP MEDICATION USE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONSOMMATION DE MEDICAMENTS EN BOUCLE FERMEE**
[72] TOBIN, CAREN C., US
[72] MARKIEWICZ, EUGENE, US
[72] HENDERSON, DWIGHT, US
[72] LUNAK, RICHARD, US
[71] MCKESSON INFORMATION SOLUTIONS LLC, US
[71] MCKESSON AUTOMATION INC., US
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[87] 2003-12-31 (WO2004/001539)
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[13] A1

[51] **Int.Cl. 7A61K 49/06**
[25] EN
[54] **METHODS AND CONTRAST AGENTS USEFUL IN QUANTIFYING NITRIC OXIDE**
[54] **AGENTS DE CONTRASTE DES PLUS UTILES POUR QUANTIFIER DE L'OXYDE NITRIQUE ET METHODES A CET EFFET**
[72] KOTYK, JOHN J., US
[72] NEUMANN, WILLIAM L., US
[72] RADER, RANDALL K., US
[72] MISKO, THOMAS P., US
[72] BASHKIN, JAMES K., US
[72] KORNMEIER, CHRISTINE M., US
[72] JONES, CLAUDE R., US
[71] PHARMACIA CORPORATION, US
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[86] 2003-06-27 (PCT/US2003/020569)
[87] 2004-01-08 (WO2004/002536)
[30] US (60/392,712) 2002-06-28
[30] US (60/392,961) 2002-07-01

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[25] FR
[54] **DISPOSITIF DE COUPLAGE OPTIQUE DIRECTIONNEL ET SELECTIF EN LONGUEUR D'ONDE**
[54] **DEVICE FOR DIRECTIONAL AND WAVELENGTH SELECTIVE OPTICAL COUPLING**
[72] WEISBUCH, CLAUDE, FR
[72] OLIVIER, SEGOLENE, FR
[72] BENISTY, HENRI, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] ECOLE POLYTECHNIQUE, FR
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[86] 2003-06-17 (PCT/FR2003/001840)
[87] 2004-01-08 (WO2004/003610)
[30] FR (02/07957) 2002-06-26

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[13] A1

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[25] EN
[54] **METHOD OF MANUFACTURING CONTINUOUS SUCKER ROD**
[54] **PROCEDE DE PRODUCTION D'UNE TIGE DE POMPAGE CONTINUE**
[72] LABONTE, DAVID, CA
[72] GERELUK, RICKY, CA
[71] WEATHERFORD CANADA PARTNERSHIP, CA
[85] 2004-12-21
[86] 2003-06-27 (PCT/CA2003/000981)
[87] 2004-01-08 (WO2004/002644)
[30] CA (2,390,054) 2002-06-28

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[13] A1

[51] **Int.Cl. 7G09G 5/00**
[25] EN
[54] **MULTIFUNCTIONAL INTEGRATED IMAGE SENSOR AND APPLICATION TO VIRTUAL INTERFACE TECHNOLOGY**
[54] **CAPTEUR IMAGE INTEGRE MULTIFONCTIONNEL ET APPLICATION A LA TECHNOLOGIE DES INTERFACES VIRTUELLES**
[72] MAOR, YANIV, IL
[72] LIEBERMAN, KLONY, IL
[72] SHARON, YUVAL, IL
[71] VKB INC., US
[85] 2004-12-20
[86] 2003-06-26 (PCT/IL2003/000538)
[87] 2004-01-08 (WO2004/003656)
[30] US (60/392,376) 2002-06-26
[30] US (60/438,327) 2003-01-07

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[13] A1

[51] **Int.Cl. 7F03B 11/00 7F16J 15/44**
[25] EN
[54] **JOINT ARRANGED BETWEEN MUTUALLY MOBILE PARTS OF A HYDRAULIC MACHINE**
[54] **JOINT DISPOSE ENTRE DES PIECES MUTUELLEMENT MOBILES D'UNE MACHINE HYDRAULIQUE**
[72] GITTTLER, PHILIPP, AT
[71] GITTTLER, PHILIPP, AT
[85] 2004-12-20
[86] 2003-07-02 (PCT/EP2003/007039)
[87] 2004-03-04 (WO2004/018870)
[30] AT (A 1167/2002) 2002-07-31

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[13] A1

[51] **Int.Cl. 7C02F 1/72**
[25] EN
[54] **OXIDATION OF ORGANIC COMPOUNDS**
[54] **OXYDATION DE COMPOSES ORGANIQUES**
[72] BLOCK, PHILIP A., US
[72] SETHI, DALBIR S., US
[72] BROWN, RICHARD A., US
[72] ROBINSON, DAVID S., US
[71] FMC CORPORATION, US
[85] 2004-12-20
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[30] US (60/391,568) 2002-06-26

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[13] A1

[51] **Int.Cl. 7C07D 487/22 7A61P 35/00 7A61K 31/409**
[25] EN
[54] **PORPHYRIN-POLYAMINE CONJUGATES FOR CANCER THERAPY**
[54] **CONJUGUE DE PORPHYRINE-POLYAMINE POUR LA CANCEROTHERAPIE**
[72] BLOKHIN, ANDREI V., US
[72] REDDY, VENODHAR K., US
[72] BASU, HIRAK S., US
[72] SARKAR, APARAJITA, US
[72] MARTON, LAURENCE J., US
[72] WANG, YU, US
[72] BHATTACHARYA, SUBHRA, US
[72] FRYDMAN, BENJAMIN, US
[72] VALASINAS, ALDONIA L., US
[71] CELLGATE, INC., US
[85] 2004-12-21
[86] 2003-06-24 (PCT/US2003/020016)
[87] 2004-01-08 (WO2004/002991)
[30] US (60/392,171) 2002-06-26

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[13] A1

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[25] EN
[54] **MEDICINAL COMPOSITION FOR REGULATING RELEASE AND PROCESS FOR PRODUCING THE SAME**
[54] **COMPOSITION MEDICINALE A LIBERATION REGULEE ET SA METHODE DE PREPARATION**
[72] SUGIHARA, AKIO, JP
[72] SAWADA, TOYOHIRO, JP
[72] SAKO, KAZUHIRO, JP
[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP
[85] 2004-12-20
[86] 2003-12-24 (PCT/JP2003/016581)
[87] 2004-09-16 (WO2004/078212)
[30] US (60/453,046) 2003-03-06

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[13] A1

[51] **Int.Cl. 7B21K 1/60 7B21C 37/20**
[25] EN
[54] **SPLIT DIE FOR FORMING GROOVED WORKPIECES**
[54] **MATRICE SEGMENTEE POUR FORMATION DE PIECES A USINER RAINUREES**
[72] CRUTCHLEY, DEREK, GB
[71] TEXTRON FASTENING SYSTEMS LIMITED, GB
[85] 2004-12-21
[86] 2003-04-15 (PCT/GB2003/001619)
[87] 2004-01-08 (WO2004/002652)
[30] GB (0214959.9) 2002-06-28

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[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] MAULER-MACHNIK, ASTRID, DE
[71] BAYER CROPSCIENCE AG, DE
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[87] 2003-12-31 (WO2004/000021)
[30] DE (102 28 102.5) 2002-06-24

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[25] EN
[54] **A METHOD OF USING G-MATRIX FOURIER TRANSFORMATION NUCLEAR MAGNETIC RESONANCE (GFT NMR) SPECTROSCOPY FOR RAPID CHEMICAL SHIFT ASSIGNMENT AND SECONDARY STRUCTURE DETERMINATION OF PROTEINS**
[54] **PROCEDE UTILISANT LA SPECTROSCOPIE A RESONANCE MAGNETIQUE NUCLEAIRE A MATRICE G A TRANSFORMEE DE FOURRIER (GFT RMN) POUR L'ATTRIBUTION D'UN DEPLACEMENT CHIMIQUE RAPIDE ET LA DETERMINATION DE STRUCTURE SECONDAIRE DE PROTEINES**
[72] SZYPERSKI, THOMAS A., US
[72] KIM, SEHO, US
[72] ATREYA, HANUDATTA S., US
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US
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[25] EN
[54] **METHOD OF PRODUCING TRANSLUCENT DECORATIVE PANELS AND PANELS THUS PRODUCED**
[54] **PROCEDE DE FABRICATION DE PANNEAUX ARTISTIQUES TRANSLUCIDES ET PANNEAUX AINSI FABRIQUES**
[72] MIAN, ALEC, ES
[72] CALLAHAN, JULIE, ES
[71] MIAN, ALEC, ES
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[25] EN
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[54] **PATES VETERINAIRES HOMOGENES ORALES ANTHELMINTHIQUES**
[72] FREEHAUF, KEITH, US
[72] MOADDEB, MARYAM, US
[71] MERIAL LIMITED, US
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[87] 2003-12-31 (WO2004/000034)
[30] US (10/177,822) 2002-06-21

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[25] FR
[54] **SIPHON POUR EVIER OU SIMILAIRE**
[54] **SIPHON FOR SINK OR SIMILAR ELEMENT**
[72] NOCERA, CARMELO, FR
[72] CECCONI, VITO, FR
[71] EDERY, JEAN-LUC, FR
[71] NOCERA, CARMELO, FR
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[87] 2003-12-31 (WO2004/001144)
[30] FR (02/07791) 2002-06-24

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[54] **STABLE OIL IN WATER EMULSION**
[54] **EMULSION DE TYPE AQUEUX STABLE**
[72] ANTHEUNISSE, WILLEM, NL
[72] BRUGGEMAN, YVONNE EVELIEN, NL
[72] BOUWENS, ELISABETH CORNELIA MARIA, NL
[71] UNILEVER PLC, GB
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[54] **DISPOSITIF DE SUPPORT POUR**
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[72] OUELLETTE, MICHAEL J., US
[71] OUELLETTE, MICHAEL J., US
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[54] **MEDICAL NEEDLE ASSEMBLIES**
[54] **ENSEMBLES AIGUILLES**
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[71] LIVERSIDGE, BARRY, PETER, GB
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[25] EN
[54] **VAPOR-LIQUID CONTACT TRAY**
AND METHOD EMPLOYING SAME
[54] **PLATEAU POUR CONTACT**
VAPEUR-LIQUIDE ET PROCEDE
COMPRENANT CE DERNIER
[72] WEILAND, RALPH H., US
[72] GRIESEL, CHARLES A., US
[72] RITER, JOHNNY B., US
[72] RESETARITS, MICHAEL A., US
[71] KOCH-GLITSCH, LP, US
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[54] **ESPACEUR DILATATEUR**
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[72] LIM, ROY K., US
[71] SDGI HOLDINGS, INC., US
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[54] **ADJUSTABLE FLUID FLOW**
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[54] **CASSETTE DE LIMITATION DU**
DEBIT DE FLUIDE REGLABLE
[72] CULL, LAURENCE J., US
[71] BAUSCH & LOMB INCORPORATED,
US
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[51] **Int.Cl. 7A61J 3/07**
[25] EN
[54] **METHOD AND APPARATUS FOR**
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SEAMLESS CAPSULE
[54] **PROCEDE ET APPAREIL POUR LA**
PRODUCTION DE CAPSULE
ASPHERIQUE SANS JOINT
[72] NAKAMURA, TAKESHI, JP
[72] WADA, KENTA, JP
[72] TAIRA, TOSHINARI, JP
[72] OTOMO, KATSUYA, JP
[71] CHUGAI SEIYAKU KABUSHIKI
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[25] EN
[54] **SHOPPING TROLLEYS**
[54] **CHARIOTS D'ACHAT**
[72] NAUDE, FRANCOIS, PAULUS, JR.,
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[72] LECHAT, EVE MARIE LUCE
JACQUELINE, FR
[71] NAUDE, FRANCOIS, PAULUS, JR.,
ZA
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[30] ZA (2002/5233) 2002-06-28

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[51] **Int.Cl. 7A61K 9/12**
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[54] **TRANSDERMAL AEROSOL**
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[54] **COMPOSITIONS D'AEROSOL**
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[72] GONDA, IGOR, AU
[72] MORGAN, TIMOTHY MATTHIAS,
AU
[72] WILKINS, NINA FRANCES, AU
[71] ACRUX DDS PTY LTD., AU
[85] 2004-12-21
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[54] **METHOD OF PHOTODYNAMIC**
DIAGNOSIS FOR VASCULAR
DISEASES
[54] **PROCEDE DE DIAGNOSTIC**
PHOTODYNAMIQUE POUR
MALADIES VASCULAIRES
[72] NAKAJIMA, SUSUMU, JP
[72] NAKAE, YOSHINORI, JP
[72] SAKATA, ISAO, JP
[71] HAMAMATSU PHOTONICS K.K., JP
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[25] EN
[54] **TIRE/WHEEL ASSEMBLY WITH TIRE-INFORMATION TRANSMITTER, INSTALLATION DEVICE AND FIXING DEVICE FOR TIRE-INFORMATION TRANSMITTER, AND METHOD OF MOUNTING TIRE-INFORMATION TRANSMITTER**
[54] **ROUE/PNEU DOTEE D'UN ELEMENT D'ENVOI D'INFORMATIONS SUR LE PNEU, DISPOSITIF D'INSTALLATION ET DE FIXATION POUR LEDIT ELEMENT ET PROCEDE D'INSTALLATION DUDIT ELEMENT**
[72] YOKOI, TAKASHI, JP
[72] FUKUMORI, HAJIME, JP
[71] BRIDGESTONE CORPORATION, JP
[85] 2004-12-21
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[87] 2003-12-31 (WO2004/000579)
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[25] EN
[54] **PROCESS FOR THE TELOMERIZATION OF ACYCLIC OLEFINS**
[54] **PROCEDE POUR LA TELOMERISATION D'OLEFINES NON CYCLIQUES**
[72] BELLER, MATTHIAS, DE
[72] JACKSTELL, RALF, DE
[72] KLEIN, HOLGER, DE
[72] ROTTGER, DIRK, DE
[71] OXENO OLEFINCHEMIE GMBH, DE
[85] 2004-12-21
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[54] **PRODUCTION METHOD OF DIMETHYLAMINE**
[54] **PROCEDE DE PRODUCTION DE DIMETHYLAMINE**
[72] HIROHATA, JITSUO, JP
[72] KANEKO, ISAO, JP
[72] HOSHINO, MANABU, JP
[71] MITSUBISHI RAYON CO., LTD., JP
[85] 2004-12-21
[86] 2003-05-19 (PCT/JP2003/006216)
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[30] JP (2002-188343) 2002-06-27

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[25] EN
[54] **SWINE GENETICS BUSINESS SYSTEM**
[54] **SYSTEME DE TRANSACTION DE PRODUITS GENETIQUES PORCINS**
[72] WAGNER, CHRISTINA, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2004-12-21
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[87] 2004-01-08 (WO2004/003697)
[30] US (60/392,391) 2002-06-28

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[25] EN
[54] **HYDROGENATED COPOLYMER, PRODUCTION PROCESS FOR THE SAME AND HOT MELT ADHESIVE COMPOSITION USING THE SAME**
[54] **COPOLYMERE HYDROGENE, SON PROCEDE DE PRODUCTION ET COMPOSITION D'ADHESIF THERMOFUSIBLE LE CONTENANT**
[72] MINE, TOSHIHIRO, JP
[71] IDEMITSU KOSAN CO., LTD., JP
[85] 2004-12-21
[86] 2002-06-26 (PCT/JP2002/006392)
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[25] FR
[54] **COMPOSITION PHARMACEUTIQUE SOLIDE CONTENANT UN PRINCIPE ACTIF LIPOPHILE, SON PROCEDE DE PREPARATION**
[54] **SOLID PHARMACEUTICAL COMPOSITION CONTAINING A LIPOPHILIC ACTIVE PRINCIPLE AND PREPARATION METHOD THEREOF**
[72] ABOU CHACRA-VERNET, MARIE-LINE, FR
[72] ZAKARIAN, NOEL, FR
[72] GIMET, RENE, FR
[72] TOSELLI, DOMINIQUE, FR
[72] LARUELLE, CLAUDE, FR
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[30] FR (02/07831) 2002-06-25

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[51] **Int.Cl. 7A61K 38/36 7A61P 7/04**
[25] EN
[54] **STABILISED SOLID COMPOSITIONS OF FACTOR VII POLYPEPTIDES**
[54] **COMPOSITIONS SOLIDES STABILISEES DE POLYPEPTIDES DE FACTEUR VII**
[72] JENSEN, MICHAEL BECH, DK
[72] HANSEN, BIRTHE LYKKEGAARD, DK
[72] KORNFELT, TROELS, DK
[71] NOVO NORDISK A/S, DK
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[25] FR
[54] **DISPOSITIF DE CENTRAGE AUTOMATIQUE D'UN FAISCEAU LASER ET PROCEDE DE FABRICATION DE CE DISPOSITIF**
[54] **DEVICE FOR AUTOMATIC CENTERING OF A LASER BEAM AND METHOD FOR MAKING SAME**
[72] GARCIA, JOSE, FR
[72] LECLERC, PASCAL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
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[54] **BURST DELIVERY INSECT CONTROL COIL**
[54] **SPIRALE ANTI-INSECTES A LIBERATION DISCONTINUE**
[72] GEYER, JILL C., US
[72] MCCRAY, PATRICK J., US
[72] EMMRICH, ROBERT R., US
[72] DAVIS, BRIAN T., US
[71] S. C. JOHNSON & SON, INC., US
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[54] **MIXING VIAL**
[54] **FLACON DE MELANGE**
[72] BARRY, JAMES J., US
[72] BAGLEY, MARK C., US
[72] PAPANIA, MARK J., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION, US
[85] 2004-12-22
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[54] **TAMPER-EVIDENT QUICK TWIST CLOSURE**
[54] **CAPSULE A VIS INVOLABLE**
[72] AUER, ROBERT, US
[72] STULL, GENE, US
[71] STULL TECHNOLOGIES, US
[85] 2004-12-23
[86] 2003-06-25 (PCT/US2003/020264)
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[54] **MICROVOLUME LIQUID DISPENSER SUITABLE FOR MICROARRAYS AND METHODS RELATED THERETO**
[54] **DISTRIBUTEUR DE MICROVOLUME DE LIQUIDE CONCU POUR DES MICRO-RESEAUX ET PROCEDES ASSOCIES**
[72] CARDENO, MARK, CA
[72] KORBELIK, JOGODA, CA
[72] MACAULAY, CALUM ERIC, CA
[71] B.C. CANCER AGENCY, CA
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[54] **HELICALLY WOUND INSERT FOR EXPANDABLE TUBULARS**
[54] **INSERT TUBULAIRE EXPANSIBLE EN HELICE**
[72] SETTERBERG, JOHN RICHARD, JR., US
[71] WEATHERFORD/LAMB, INC., US
[85] 2004-12-21
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[25] EN
[54] **PROCESS FOR PRODUCING SUSTAINED-RELEASE COMPOSITION**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION A LIBERATION PROLONGEE**
[72] YAMAMOTO, KAZUMICHI, JP
[72] HOSHINO, TETSUO, JP
[72] SAITO, KAZUHIRO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[86] 2003-06-24 (PCT/JP2003/007950)
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[30] JP (2002-185352) 2002-06-25

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[25] EN
[54] **DROP MASS COMPACTION OF SOIL**
[54] **COMPACTAGE DE TERRAINS AU MOYEN D'UNE MASSE DE CHUTE**
[72] COOK, ERIC JOHNSTONE, ZA
[71] COMPACTION TECHNOLOGY (SOIL) LTD, GB
[85] 2004-12-21
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[30] ZA (2002/5257) 2002-07-01

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[54] **BREAST PUMP**
[54] **TIRE-LAIT**
[72] WEBB, IAN, GB
[72] SAMSON, ILAN, GB
[71] SAMSON, ILAN, GB
[85] 2004-12-21
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[54] **STAIRLIFT**
[54] **MONTE-ESCALIER**
[72] RICKABY, JOHN PETER, GB
[71] BISON BEDE LIMITED, GB
[85] 2004-12-21
[86] 2003-06-20 (PCT/GB2003/002678)
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[25] EN
[54] **NON-CORROSIVE AMPHOTERIC SURFACTANTS AND METHOD OF WELL TREATMENT**
[54] **TENSIOACTIFS AMPHOTERES NON CORROSIFS ET PROCEDE DE TRAITEMENT DE PUIT**
[72] DAVIS, STEPHEN, T., US
[72] PANCHALINGAM, VARTHILINGAM, US
[71] DAVIS, STEPHEN, T., US
[71] PANCHALINGAM, VARTHILINGAM, US
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[87] 2004-01-08 (WO2004/003331)
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[51] **Int.Cl. 7A61K 9/20**
[25] EN
[54] **QUICK DISSOLVE COMPOSITIONS AND TABLETS BASED THEREON**
[54] **COMPOSITIONS A DISSOLUTION RAPIDE ET COMPRIMES BASES SUR CES COMPOSITIONS**
[72] HERMAN, MARK R., US
[72] MEZAACHE, NAIMA, US
[72] FRISBEE, STEVEN E., US
[72] WOODALL, PATRICK B., US
[71] BIOVAIL LABORATORIES INC., BB
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[71] E. HAWLE ARMATURENWERKE GMBH, AT
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[54] **METHODES THERAPEUTIQUES DE REDUCTION DU DEPOT DE GRAISSE ET TRAITEMENT DES ETATS ASSOCIES**
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[72] CANTOR, CHARLES, US
[72] DENISSENKO, MIKHAIL F., US
[72] LANGDOWN, MARIA L., US
[72] ADAM, GAIL ISABEL REID, GB
[72] RUBIN, BYRON, US
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[54] **NODAL MOUNTED SYSTEM FOR DRIVING AN OUTPUT TOOL**
[54] **SYSTEME A MONTAGE NODAL POUR ENTRAINER UN ELEMENT DE SORTIE**
[72] PACE, JOHN W., US
[72] KOSTER, AAFJE G., US
[72] MILLER, KEVIN A., US
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[54] **AUTOMATIC TRANSMIT POWER CONTROL DISABLING**
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[71] HARRIS CORPORATION, US
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[54] **METHOD AND SYSTEM FOR REMOVING ANTLERS**
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[72] CALLICRATE, MICHAEL P., US
[72] MATTHEWS, LINDSAY, NZ
[72] ROSS, GORDON, US
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[72] LEMAY, STEVEN G., US
[72] COCKERILLE, WARNER, US
[72] NELSON, DWAYNE, US
[72] BRECKNER, ROBERT, US
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[54] **METHOD FOR INDUCING ANALGESIA COMPRISING ADMINISTRATION ALTERNATIVELY OF AN OPIOID RECEPTOR AGONIST AND AN OPIOID RECEPTOR LIKE RECEPTOR 1 AGONIST FOR AND AN IMPLANTABLE INFUSION PUMP**
[54] **PROCEDE VISANT A INDIURE UNE ANALGESIE, QUI COMPREND L'ADMINISTRATION ALTERNEE D'UN AGONISTE DE REPECTEUR D'OPIOIDES ET D'UN AGONISTE DE REPECTEUR 1 DU TYPE REPECTEUR D'OPIOIDES, ET POMPE A PERFUSION IMPLANTABLE**
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[71] OMEROS CORPORATION, US
[71] REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **PROCEDE DE VAPOCRAQUAGE DE CHARGES D'HYDROCARBURES LOURDS**
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[72] MCCOY, JAMES N., US
[72] FRYE, JAMES MITCHELL, SG
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[72] GORIN, JACKY, US
[71] TEST ADVANTAGE, INC., US
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[72] SCUDERI, CARMELO J., US
[71] SCUDERI GROUP LLC, US
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[54] **LUBRIFIANTS EN EMULSION HUILE DANS L'HUILE PERMETTANT UNE LUBRIFICATION RENFORCEE**
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[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[71] MAGNUM MAGNETICS CORPORATION, US
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[54] **CHAUSSURE A POCHE GONFLABLE**
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[72] MARVIN, WILLIAM, US
[72] DAVIS, PAUL M., US
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[72] GLASSER, CHUCK, US
[72] UFFORD, ROBERT, US
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[71] CITY OF HOPE, US
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[54] **COMPOSITIONS LIPIDIQUES CONTENANT DU SG(B)-GLUCANE ET NOUVEAU MICRO-ORGANISME PRODUISANT DU SG(B)-GLUCANE**
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[72] SHOJI, YOSHIKAZU, JP
[72] SUGIYAMA, HIROMU, JP
[71] ASAHI DENKA CO., LTD., JP
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[54] **PROCEDE DE DETECTION ET D'EXTRACTION D'ENDOTOXINES**
[72] MEYER, ROMAN, DE
[72] SCHUETZ, MICHAEL, DE
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[54] **POLYNUCLEOTIDES AND POLYPEPTIDES CODED BY SAID POLYNUCLEOTIDES INVOLVED IN THE SYNTHESIS OF DIKETOPIPERAZINE DERIVATIVES**
[72] LAUTRU, SYLVIE, FR
[72] PERNODET, JEAN-LUC, FR
[72] GENET, ROGER, FR
[72] GONDRY, MURIEL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
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[54] **SYSTEMES ET PROCEDES DE GENERATION DE CONTENU MULTIMEDIA**
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[72] BROPHY, CHRISTOPHER, US
[72] BRANDANO, PETER, US
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[54] **MODES DE TRANSMISSION EN DIVERSITE POUR DES SYSTEMES DE COMMUNICATION MIMO A MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE**
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[72] WALTON, JAY R., US
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[54] **PROCEDES AMELIORES APPLIQUES A LA PROTEOMIQUE PAR CAPTURE DIFFERENTIELLE**
[72] MCBURNEY, ROBERT, US
[72] STROOBANT, PAUL, US
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[54] **REDUCTION D'INTERRUPTIONS DE SERVICE DANS UN SYSTEME DE SATELLITE A FAISCEAUX MULTIPLES**
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[71] QUALCOMM INCORPORATED, US
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[54] **POLYPEPTIDES CNGH0004, ANTICORPS, COMPOSITIONS, PROCEDES ET UTILISATIONS**
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[72] HUANG, CHRIS, US
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[54] **GENES CODANT DES PROTEINES A ACTIVITE PESTICIDE**
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[72] KAHN, THEODORE W., US
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[72] FLANNAGAN, RONALD D., US
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[72] ABAD, ANDRE R., US
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[54] **PROTEINE D'ADIPOCYTES A FACULTE DE LIAISON AU PHOSPHOINOSITOLGLYCANE (PIG)**
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[71] MEDICAL RESEARCH COUNCIL, GB
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[54] **POLYPEPTIDES CNGH0005, ANTICORPS, COMPOSITIONS, METHODES ET UTILISATIONS**
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[72] NAKADA, MARIAN, US
[72] LU, JIN, US
[71] CENTOCOR INC., US
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[51] **Int.Cl. 7C07H 15/203 7A61P 11/00 7A61P 43/00 7A61P 11/06 7A61P 11/08 7C07H 15/18 7A61K 31/7028**
[25] EN
[54] **PRODRUG, MEDICINAL UTILIZATION THEREOF AND PROCESS FOR PRODUCING THE SAME**
[54] **PROMEDICAMENT, UTILISATION DE CE DERNIER EN MEDECINE ET PROCEDE DE PRODUCTION DE CE PROMEDICAMENT**
[72] YAMASHITA, SHINYA, JP
[72] TAKEO, JIRO, JP
[72] OKITA, TAKAAKI, JP
[71] NIPPON SUISAN KAISHA, LTD., JP
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[30] JP (2002-180238) 2002-06-20

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[51] **Int.Cl. 7G01N 33/566 7G01N 33/543**
[25] EN
[54] **DETECTING RECEPTOR OLIGOMERIZATION**
[54] **DETECTION D'OLIGOMERISATION DE RECEPTEUR**
[72] SHI, YINING, US
[72] CHAN-HUI, PO-YING, US
[72] SINGH, SHARAT, US
[72] DUA, RAJIV, US
[72] PIDAPARTHI, SAILAJA, US
[71] ACLARA BIOSCIENCES, INC., US
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[25] EN
[54] **HUMANIZED ANTI-TAG-72 CC49 FOR DIAGNOSIS AND THERAPY OF HUMAN TUMORS**
[54] **LES CC49, ANTI-TAG-72 HUMANISES SERVANT AU DIAGNOSTIC ET AU TRAITEMENT DE TUMEURS CHEZ L'HOMME**
[72] SCHLOM, JEFFREY, US
[72] KASHMIRI, SYED V. S., US
[72] PADLAN, EDUARDO A., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[86] 2003-06-26 (PCT/US2003/020367)
[87] 2004-01-08 (WO2004/003155)
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[13] A1
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[25] FR
[54] **FRAGMENTS FAB MUTANS DE L'ANTICORPS ANTI-CD4 CHIMERE 13B8.2 ET LEURS APPLICATIONS**
[54] **MUTANT FAB FRAGMENTS OF THE CHIMERIC 13B8.2 ANTI-CD4 ANTIBODY AND USES THEREOF**
[72] PAU, BERNARD, FR
[72] BES, CEDRIC, FR
[72] GRANIER, CLAUDE, FR
[72] DEVAUX, CHRISTIAN, FR
[72] CERUTTI, MARTINE, FR
[72] DEVAUCHELLE, GERARD, FR
[72] CHARDES, THIERRY, FR
[72] BRIANT-LONGUET, LAURENCE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS, FR
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[25] EN
[54] **USE OF ALANYL-AMINOPEPTIDASE INHIBITORS AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAID INHIBITORS**
[54] **UTILISATION D'INHIBITEURS DES ALANYL-AMINOPEPTIDASES ET PREPARATIONS PHARMACEUTIQUES CONTENANT CES DERNIERS**
[72] ANSORGE, SIEGFRIED, DE
[72] TADJE, JANINE, DE
[72] LENDECKEL, UWE, DE
[71] INSTITUT FUER MEDIZINTECHNOLOGIE MAGDEBURG (IMTM) GMBH, DE
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[30] DE (102 30 381.9) 2002-07-05

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[51] **Int.Cl. 7A61K 38/08 7A61K 47/48**
[25] EN
[54] **AQUEOUS PREPARATION CONTAINING OLIGOPEPTIDES AND ETHERIFIED CYCLODEXTRIN**
[54] **PREPARATION LIQUIDE CONTENANT DES OLIGOPEPTIDES ET DE LA CYCLODEXTRINE ETHERIFIEE**
[72] LINDENBLATT, HILTRUD, DE
[72] ZOBEL, HANS-PETER, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
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[13] A1
[51] **Int.Cl. 7G01N 33/543**
[25] EN
[54] **NANO-SIZED OPTICAL FLUORESCENCE LABELS AND USES THEREOF**
[54] **ETIQUETTES OPTIQUES FLUORESCENTES DE DIMENSIONS NANOMETRIQUES ET UTILISATIONS**
[72] DICKSON, ROBERT MARTIN, US
[72] ZHENG, JIE, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2004-12-22
[86] 2003-06-27 (PCT/US2003/020567)
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[13] A1
[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **A SYSTEM AND METHOD FOR SNP GENOTYPE CLUSTERING**
[54] **SYSTEME ET METHODE DE REGROUPEMENT DE GENOTYPES SNP**
[72] TOMANEY, AUSTIN B., US
[72] ALLISON, DANIEL B., US
[72] HOLDEN, DAVID P., US
[72] ZHANG, XIAO-PING, CA
[71] APPLERA CORPORATION, US
[85] 2004-12-22
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[51] **Int.Cl. 7A01H 5/00 7C12N 5/14 7C12Q 1/68 7C12N 15/82**
[25] EN
[54] **HARVEST-INDUCIBLE GENES FROM ALFALFA (MEDICAGO SATIVA) AND METHODS OF USE THEREOF**
[54] **NOUVEAUX GENES INDUCTIBLES ISSUS DE LA LUZERNE ET PROCEDE D'UTILISATION DE CES GENES**
[72] ZHANG, JIAN, CA
[72] ERICKSON, LARRY, CA
[71] UNIVERSITY OF GUELPH, CA
[85] 2004-12-23
[86] 2003-06-27 (PCT/CA2003/000964)
[87] 2004-01-08 (WO2004/002216)
[30] US (60/392,444) 2002-06-28

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[51] **Int.Cl. 7A61L 15/18 7A61F 13/02 7A61L 15/22 7A61L 15/44**
[25] EN
[54] **ANTIMICROBIAL, SILVER-CONTAINING WOUND DRESSING FOR CONTINUOUS RELEASE**
[54] **PANSEMENT ANTIMICROBIEN CONTENANT DE L'ARGENT A LIBERATION CONTINUE**
[72] BOWLER, PHILLIP, GB
[72] PARSONS, DAVID, GB
[72] WALKER, MICHAEL, GB
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2004-12-23
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[87] 2004-01-08 (WO2004/002384)
[30] GB (0215023.3) 2002-06-28

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[25] EN
[54] **THERAPEUTIC AGENT
DELIVERY DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE POUR
ADMINISTRER UN AGENT
THERAPEUTIQUE**
[72] DOWHY, MARK S., US
[72] FUHRMAN, BRADLEY P., US
[71] THE RESEARCH FOUNDATION OF
STATE UNIVERSITY OF NEW YORK, US
[85] 2004-12-23
[86] 2003-06-30 (PCT/US2003/020532)
[87] 2004-01-08 (WO2004/002390)
[30] US (60/392,314) 2002-06-28

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[13] A1
[51] **Int.Cl. 7C12N 15/54 7A61K 39/00
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[25] EN
[54] **CANCER VACCINE CONTAINING
CROSS-SPECIES EPITOPES OF
TELOMERASE REVERSE
TRANSCRIPTASE**
[54] **VACCINS CONTRE LE CANCER
CONTENANT DES EPITOPES
XENOGENIQUES DE TRANSCRIPTASE
INVERSE DE LA TELOMERASE**
[72] FROLKIS, MARIA, US
[72] WANG, ZHUO, US
[72] FERBER, IRIS A., US
[72] MAJUMDAR, ANISH SEN, US
[71] GERON CORPORATION, US
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[87] 2004-01-08 (WO2004/002408)
[30] US (60/393,295) 2002-06-27

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[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04
7C12P 19/34**
[25] EN
[54] **METHODS OF DETECTING
SEQUENCE DIFFERENCES**
[54] **METHODES DE DETECTION DE
POLYMORPHISMES GENETIQUES**
[72] SLEPNEV, VLADIMIR I., US
[71] SENTION, INC., US
[85] 2004-12-23
[86] 2003-06-20 (PCT/US2003/019576)
[87] 2004-01-08 (WO2004/003136)
[30] US (60/392,331) 2002-06-28

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[13] A1
[51] **Int.Cl. 7G01B 9/02**
[25] EN
[54] **NONINVASIVE
CHARACTERIZATION OF A FLOWING
MULTIPHASE FLUID USING
ULTRASONIC INTERFEROMETRY**
[54] **CARACTERISATION NON
INVASIVE D'UN FLUIDE
D'ECOULEMENT MULTIPHASE A
L'AIDE D'UN INTERFEROMETRE
ULTRASONORE**
[72] SINHA, DIPEN N., US
[71] THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA, US
[85] 2004-12-23
[86] 2003-06-10 (PCT/US2003/018576)
[87] 2004-01-08 (WO2004/003492)
[30] US (10/187,024) 2002-06-28

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[13] A1
[51] **Int.Cl. 7C07K 14/54 7C12N 5/10
7A61K 38/20 7C12N 15/63**
[25] EN
[54] **AVIAN CYTOKINES, SUCH IL-12,
COMPRISING A P40 AND/OR P35
SUBUNIT(S)**
[54] **CYTOKINES AVIAIRES, DU TYPE
IL-12, COMPORTANT UNE OU
PLUSIEURS SOUS-UNITES P40 ET/OU
P35**
[72] SCHIJNS, VIRGIL ELISABETH
JOSEPH CASPAR, NL
[72] DEGEN, WILHELMUS GERARDUS
JOHANNES, NL
[72] BURNSIDE, JOAN, US
[71] AKZO NOBEL N.V., NL
[85] 2004-12-22
[86] 2003-06-25 (PCT/EP2003/006832)
[87] 2004-01-08 (WO2004/003017)
[30] US (60/391,662) 2002-06-26
[30] US (10/464,630) 2003-06-17

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[13] A1
[51] **Int.Cl. 7G01N 30/02 7G01N 37/00
7G01N 30/88**
[25] EN
[54] **MICROFLUIDIC DEVICES AND
METHODS WITH
ELECTROCHEMICALLY ACTUATED
SAMPLE PROCESSING**
[54] **PROCEDES ET DISPOSITIFS
MICROFLUIDIQUES AVEC
TRAITEMENT D'ECHANTILLONS
ACTIVES ELECTROCHIMIQUEMENT**
[72] LEE, TERRY DWIGHT, US
[72] HE, QING, US
[72] XIE, JUN, US
[72] TAI, YU-CHONG, US
[71] CALIFORNIA INSTITUTE OF
TECHNOLOGY, US
[71] CITY OF HOPE, US
[85] 2004-12-23
[86] 2003-06-25 (PCT/US2003/020074)
[87] 2004-01-08 (WO2004/002878)
[30] US (60/391,822) 2002-06-26
[30] US (10/603,573) 2003-06-24

[21] **2,490,888**
[13] A1
[51] **Int.Cl. 7C07D 239/48 7A61P 11/00
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[25] EN
[54] **DIAMINOPYRIMIDINECARBOXA
MIDE DERIVATIVE**
[54] **DERIVE DE
DIAMINOPYRIMIDINECARBOXAMID
E**
[72] NAGATA, HIROSHI, JP
[72] OHGA, KEIKO, JP
[72] MORITOMO, HIROYUKI, JP
[72] NAGASHIMA, SHINYA, JP
[72] NAKAI, EIICHI, JP
[72] KUROMITSU, SADA O, JP
[72] IWATA, MASAHIRO, JP
[72] YOKOTA, MASA K I, JP
[72] TAKEUCHI, MAKOTO, JP
[71] YAMANOUCHI PHARMACEUTICAL
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[87] 2004-01-08 (WO2004/002964)
[30] JP (2002-190959) 2002-06-28

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[13] A1
[51] **Int.Cl. 7C07D 301/10**
[25] EN
[54] **A METHOD FOR THE START-UP OF AN EPOXIDATION PROCESS, A CATALYST AND A PROCESS FOR THE EPOXIDATION OF AN OLEFIN**
[54] **PROCEDE DE DEMARRAGE D'UN PROCESSUS D'EPOXYDATION, CATALYSEUR ET PROCEDE D'EPOXYDATION D'UNE OLEFINE**
[72] EVANS, WAYNE ERROL, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2004-12-23
[86] 2003-06-24 (PCT/US2003/019828)
[87] 2004-01-08 (WO2004/002971)
[30] US (60/392,499) 2002-06-28

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[13] A1
[51] **Int.Cl. 7A61L 27/34 7G02C 7/04 7A61F 2/16 7A61L 27/50**
[25] EN
[54] **INTRAOCULAR LENSES WITH MODIFIED SURFACE**
[54] **LENTILLES INTRAOCULAIRES A SURFACE MODIFIEE**
[72] VALINT, PAUL L., JR., US
[72] MCGEE, JOSEPH A., US
[72] SALAMONE, JOSEPH C., US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2004-12-23
[86] 2003-06-12 (PCT/US2003/018475)
[87] 2004-01-08 (WO2004/002545)
[30] US (10/187,154) 2002-06-28

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[13] A1
[51] **Int.Cl. 7A61K 35/74 7A61P 17/00 7A61P 43/00 7A61P 11/02 7A61P 11/06 7A61P 37/08**
[25] EN
[54] **ANTIALLERGIC AGENT, UTILIZATION THEREOF FOR REDUCING ALLERGY AND METHOD OF REDUCING ALLERGY**
[54] **AGENT ANTI-ALLERGIQUE, SON UTILISATION POUR REDUIRE LES ALLERGIES ET PROCEDE DE REDUCTION D'ALLERGIES**
[72] ISHIDA, YUU, JP
[72] YAMAMOTO, NAOYUKI, JP
[72] BANDO, IZUKI, JP
[71] CALPIS CO., LTD., JP
[85] 2004-12-23
[86] 2003-06-26 (PCT/JP2003/008094)
[87] 2004-01-08 (WO2004/002501)
[30] JP (2002-185897) 2002-06-26

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[13] A1
[51] **Int.Cl. 7A61L 31/16 7A61L 31/10**
[25] EN
[54] **DRUG-ELUTING STENTS FOR TREATING VULNERABLE CORONARY PLAQUES**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT DE PLAQUES CORONAIRES VULNERABLES AU MOYEN DE STENTS A ELUTION DE MEDICAMENT**
[72] FISCHELL, DAVID R., US
[72] SPALTRO, JOHN J., US
[71] CORDIS CORPORATION, US
[85] 2004-12-23
[86] 2003-06-24 (PCT/US2003/020010)
[87] 2004-01-08 (WO2004/002547)
[30] US (10/185,021) 2002-06-28

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[13] A1
[51] **Int.Cl. 7G06F 17/00 7G09G 5/00**
[25] EN
[54] **HETEROGENEOUS DISK STORAGE MANAGEMENT TECHNIQUE**
[54] **TECHNIQUE DE GESTION DE STOCKAGE SUR DISQUES HETEROGENES**
[72] ADKINS, ANDY EUGENE, US
[72] CAO, NANYU, US
[72] CROWTHER, DAVID AARON, US
[72] REDDY, RAVI, US
[71] THOMSON LICENSING S.A., FR
[85] 2004-12-23
[86] 2003-06-04 (PCT/US2003/017608)
[87] 2004-01-08 (WO2004/003783)
[30] US (60/392,779) 2002-07-01

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[13] A1
[51] **Int.Cl. 7G11B 7/24 7C22C 5/06 7C22C 5/08**
[25] EN
[54] **CORROSION RESISTIVE SILVER METAL ALLOYS FOR OPTICAL DATA STORAGE AND RECORDABLE STORAGE MEDIA CONTAINING SAME**
[54] **ALLIAGES METALLIQUES D'ARGENT RESISTANT A LA CORROSION POUR LE STOCKAGE DE DONNEES OPTIQUES ET SUPPORTS DE STOCKAGE ENREGISTRABLES CONTENANT CES DERNIERS**
[72] LICHTENBERGER, HEINER, US
[72] BROWN, DERRICK L., CA
[72] HALUSKA, SCOTT, US
[71] WILLIAMS ADVANCED MATERIALS, INC., US
[85] 2004-12-23
[86] 2003-06-24 (PCT/US2003/019866)
[87] 2004-01-08 (WO2004/003903)
[30] US (60/392,729) 2002-06-28

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[13] A1
[51] **Int.Cl. 7C12P 19/34 7A61K 39/00**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE DETECTION OF HUMAN T CELL RECEPTOR VARIABLE FAMILY GENE EXPRESSION**
[54] **COMPOSITIONS ET PROCEDES DE DETECTION DE L'EXPRESSION DE GENES D'UNE FAMILLE VARIABLE DE RECEPTEURS DE LYMPHOCYTES T HUMAINS**
[72] ERICSON, SOLVEIG G., US
[72] BREWER, JAMIE L., US
[71] INSTITUTE FOR SCIENTIFIC RESEARCH, INC., US
[85] 2004-12-22
[86] 2003-07-02 (PCT/US2003/020782)
[87] 2004-01-15 (WO2004/005465)
[30] US (60/393,995) 2002-07-03

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[13] A1
[51] **Int.Cl. 7H04Q 7/24 7H04J 3/24**
[25] EN
[54] **METHOD AND SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS**
[54] **PROCEDE ET SYSTEME DE COORDINATION DE SERVICES DANS DES SYSTEMES CELLULAIRES ET UN RESEAU LOCAL SANS FIL (WLAN) INTEGRE**
[72] CHITRAPU, PRABHAKAR R., US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2004-12-23
[86] 2003-06-28 (PCT/US2003/020035)
[87] 2004-01-08 (WO2004/004187)
[30] US (60/392,594) 2002-06-28

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[13] A1
[51] **Int.Cl. 7B01D 63/06 7B01D 65/00 7B01D 65/02 7B01D 61/14 7B01D 61/20**
[25] EN
[54] **DEVICE FOR CROSS-CURRENT FILTRATION**
[54] **DISPOSITIF DE FILTRAGE TRANSVERSAL**
[72] HARTMANN, EDUARD, CH
[71] BUCHER-GUYER AG, CH
[85] 2004-12-23
[86] 2003-06-17 (PCT/CH2003/000391)
[87] 2004-01-08 (WO2004/002612)
[30] CH (1099/02) 2002-06-26

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[13] A1
[51] **Int.Cl. 7C07D 239/42 7A61P 43/00 7A61P 35/02 7C07D 401/04 7A61K 31/505 7A61K 31/506**
[25] EN
[54] **AMIDE DERIVATIVE**
[54] **DERIVE D'AMIDE**
[72] HAMAMOTO, TAISUKE, JP
[72] ASAKI, TETSUO, JP
[72] SUGIYAMA, YUKITERU, JP
[71] NIPPON SHINYAKU CO., LTD., JP
[85] 2004-12-23
[86] 2003-06-27 (PCT/JP2003/008192)
[87] 2004-01-08 (WO2004/002963)
[30] JP (2002-189269) 2002-06-28
[30] JP (2002-305146) 2002-10-18
[30] JP (2002-377937) 2002-12-26

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[13] A1
[51] **Int.Cl. 7B01J 21/16 7B01J 21/04 7B01J 23/06 7B01J 29/06 7B01J 21/10 7B01J 23/10**
[25] EN
[54] **FCC CATALYST FOR REDUCING THE SULFUR CONTENT IN GASOLINE AND DIESEL**
[54] **CATALYSEUR DE CRAQUAGE CATALYTIQUE PERMETTANT DE REDUIRE LA TENEUR EN SOUFRE DANS L'ESSENCE ET DANS LE DIESEL**
[72] STAMIREN, DENNIS, US
[72] O'CONNOR, PAUL, NL
[72] PEARSON, GREGORY A., US
[72] SPRINGS, JERRY J., US
[71] ALBEMARLE NETHERLANDS B.V., NL
[85] 2004-12-23
[86] 2003-06-24 (PCT/EP2003/006647)
[87] 2004-01-08 (WO2004/002620)
[30] US (60/392,576) 2002-06-28
[30] EP (02078742.0) 2002-09-04

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[13] A1
[51] **Int.Cl. 7C01B 25/22 7C05B 11/12 7C01B 25/32 7C01B 25/46**
[25] FR
[54] **PROCEDE DE PRODUCTION D'ACIDE PHOSPHORIQUE ET/OU D'UN SEL DE CELUI-CI ET PRODUITS AINSI OBTENUS**
[54] **METHOD FOR THE PRODUCTION OF PHOSPHORIC ACID AND/OR A SALT THEREOF AND PRODUCTS THUS OBTAINED**
[72] TAKHIM, MOHAMED, MA
[71] ECOPHOS, BE
[85] 2004-12-23
[86] 2003-06-26 (PCT/BE2003/000111)
[87] 2004-01-08 (WO2004/002888)
[30] BE (2002/0416) 2002-06-28

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[13] A1
[51] **Int.Cl. 7A61B 17/70**
[25] EN
[54] **SPINAL SUPPORT COUPLING DEVICE**
[54] **DISPOSITIF DE COUPLAGE DE SUPPORT VERTEBRAL**
[72] AFERZON, JOSEPH, US
[71] AFERZON, JOSEPH, US
[85] 2004-12-23
[86] 2003-07-10 (PCT/US2003/021572)
[87] 2004-01-15 (WO2004/004549)
[30] US (60/394,779) 2002-07-10

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[13] A1
[51] **Int.Cl. 7A61K 51/00 7C07F 5/00**
[25] EN
[54] **RADIOLABELED COMPOUNDS AND LIPOSOMES AND THEIR METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSES ET LIPOSOMES RADIOMARQUES ET PROCEDES DE PRODUCTION ET D'UTILISATION ASSOCIES**
[72] GOINS, BETH, US
[72] BAO, ANDE, US
[72] PHILLIPS, WILLIAM T., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[25] EN
[54] **FLUORESCENT DYES, ENERGY TRANSFER COUPLES AND METHODS**
[54] **COLORANTS FLUORESCENTS, COUPLES DE TRANSFERT D'ENERGIE ET PROCEDES ASSOCIES**
[72] FISHER, PETER V., US
[72] O'NEILL, ROGER, US
[71] GUAVA TECHNOLOGIES, INC., US
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[51] **Int.Cl. 7A61K 9/00**
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[54] **CONTROLLED-RELEASE PHARMACEUTICAL FORMULATIONS**
[54] **PREPARATIONS PHARMACEUTIQUES A LIBERATION PROLONGEE**
[72] WATERMAN, KENNETH CRAIG, US
[72] THOMBRE, AVINASH GOVIND, US
[72] SHAMBLIN, SHERI LYNN, US
[72] BERCHIELLI, ALFRED, US
[72] DAUGHERITY, PATRICK DAVID, US
[71] PFIZER PRODUCTS INC., US
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[87] 2004-01-15 (WO2004/004684)
[30] US (60/393,801) 2002-07-03

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[25] EN
[54] **POLYMERIC LAMINATES MEMBRANE, THE METHOD FOR PRODUCTING THE MEMBRANE AND THE USE OF THE MEMBRANE**
[54] **FEUILLES POLYMERES, PROCEDES D'OBTENTION DESDITES FEUILLES ET LEUR UTILISATION**
[72] YOSHIMURA, KEN, JP
[72] IWASAKI, KATSUHIKO, JP
[72] SHINODA, HIROSHI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[30] JP (2002/189447) 2002-06-28
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[13] A1
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[25] EN
[54] **IMMUNOSTIMULATION BY CHEMICALLY MODIFIED RNA**
[54] **STIMULATION IMMUNITAIRE AU MOYEN D'ARN MODIFIE CHIMIQUEMENT**
[72] HOERR, INGMAR, DE
[72] PASCOLO, STEVE, DE
[72] VON DER MUELBE, FLORIAN, DE
[71] CUREVAC GMBH, DE
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[87] 2004-01-15 (WO2004/004743)
[30] DE (102 29 872.6) 2002-07-03

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[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD FOR COLLECTING ELECTRONIC EVIDENCE DATA**
[54] **SYSTEME ET PROCEDE DE COLLECTE DE DONNEES DE PREUVES ELECTRONIQUES**
[72] JESSEN, JOHN H., US
[71] ELECTRONIC EVIDENCE DISCOVERY INC., US
[85] 2004-12-23
[86] 2003-07-08 (PCT/US2003/021377)
[87] 2004-01-15 (WO2004/006136)
[30] US (10/192,683) 2002-07-08

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[25] FR
[54] **DERIVES DE 1,3-DIPHENYLPROP-2-EN-1-ONE SUBSTITUES, PREPARATION ET UTILISATIONS**
[54] **SUBSTITUED 1,3-DIPHENYLPROP-2-EN-1-ONE DERIVATIVES AND PREPARATION AND USES THEREOF**
[72] NAJIB, JAMILA, FR
[72] CAUMONT-BERTRAND, KARINE, FR
[71] GENFIT, FR
[85] 2004-12-23
[86] 2003-07-08 (PCT/FR2003/002127)
[87] 2004-01-15 (WO2004/005233)
[30] FR (02/08571) 2002-07-08

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[51] **Int.Cl. 7C07C 319/18 7C07C 319/20 7C07D 231/44 7C07C 323/60**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF PHENYL PYRAZOLE COMPOUNDS**
[54] **PROCEDE DE PRODUCTION DE COMPOSES DE PHHENYL-PYRAZOL**
[72] VIDAL, JOELLE, FR
[72] ANCEL, JEAN-ERICK, FR
[71] BASF AGRO B.V. ARNHEN (NL) - WADENSWIL BRANCH, CH
[85] 2004-12-23
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[87] 2004-01-15 (WO2004/005245)
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[51] **Int.Cl. 7A23F 3/14**
[25] EN
[54] **TEA MANUFACTURE**
[54] **FABRICATION DE THE**
[72] NOBLE, IAN, GB
[72] HOLMES, JOANNE MARY, GB
[71] UNILEVER PLC, GB
[85] 2004-12-23
[86] 2003-06-19 (PCT/EP2003/006455)
[87] 2004-01-08 (WO2004/002235)
[30] GB (0215067.0) 2002-06-28

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[13] A1

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[25] EN
[54] **BICONIC ABLATION WITH CONTROLLED SPHERICAL ABERRATION**
[54] **ABLATION BICONIQUE PERMETTANT DE REGULER L'ABERRATION SPHERIQUE**
[72] MORITZ, FRIEDRICH, DE
[72] YOUSSEFI, GERHARD, DE
[71] TECHNOVISION GMBH GESELLSCHAFT FUER DIE ENTWICKLUNG MEDIZINISCHER TECHNOLOGIEN, DE
[85] 2004-12-23
[86] 2003-06-26 (PCT/EP2003/006777)
[87] 2004-01-08 (WO2004/002318)
[30] US (60/392,243) 2002-06-27

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[13] A1

[51] **Int.Cl. 7H04R 25/00**
[25] EN
[54] **EXTERNAL EAR INSERT FOR HEARING COMPREHENSION ENHANCEMENT**
[54] **INSERT AURICULAIRE EXTERIEUR PERMETTANT DE RENFORCER LA COMPREHENSION AUDITIVE**
[72] KAH, CARL L.C., JR., US
[71] KAH, CARL L.C., JR., US
[85] 2004-12-23
[86] 2003-05-12 (PCT/US2003/014973)
[87] 2003-11-20 (WO2003/096745)
[30] US (60/379,871) 2002-05-10

[21] **2,491,000**
[13] A1

[51] **Int.Cl. 7A61N 1/30 7A61M 5/00**
[25] EN
[54] **ELECTROPORATION DEVICE AND INJECTION APPARATUS**
[54] **DISPOSITIF D'ELECTROPORATION ET APPAREIL D'INJECTION**
[72] DAVID-ANDERSEN, BJORN, NO
[72] REKDAHL, KNUT ARVID SORENSEN, NO
[72] MATHIESEN, IACOB, NO
[72] TJELLE, TORUNN ELISABETH, NO
[71] INOVIO AS, NO
[85] 2004-12-23
[86] 2003-07-04 (PCT/GB2003/002887)
[87] 2004-01-15 (WO2004/004825)
[30] GB (0215523.2) 2002-07-04
[30] GB (0215529.9) 2002-07-04

[21] **2,491,001**
[13] A1

[51] **Int.Cl. 7A61K 38/12 7C07K 7/06 7A61P 31/12**
[25] EN
[54] **NOVEL USE OF LIPOPEPTIDE PREPARATIONS**
[54] **NOUVEL EMPLOI DE PREPARATIONS DE LIPOPEPTIDES**
[72] FRERE, JEAN-MARIE, BE
[72] LEGROS, HERVE, BE
[72] DUFOUR, SAMUEL, BE
[72] JACQUES, PHILIPPE, BE
[72] DESTAIN, JACQUELINE, BE
[72] THONART, PHILIPPE, BE
[72] BRANS, ALAIN, BE
[72] JORIS, BERNARD, BE
[72] PAQUOT, MICHEL, BE
[72] BRASSEUR, ROBERT, BE
[72] DELEU, MAGALI, BE
[71] FACULTE UNIVERSITAIRE DES SCIENCES AGRONOMIQUES DE GEMBLOUX, BE
[71] UNIVERSITE DE LIEGE INTERFACE ENTREPRISES-UNIVERSITE, BE
[85] 2004-12-23
[86] 2003-06-27 (PCT/EP2003/006817)
[87] 2004-01-08 (WO2004/002510)
[30] EP (02077567.2) 2002-06-28
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[21] **2,491,002**
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 9/12**
[25] EN
[54] **COMBINATION OF PDE5 INHIBITORS WITH ANGIOTENSIN II RECEPTOR ANTAGONISTS**
[54] **NOUVELLE COMBINAISON**
[72] HUGHES, BERNADETTE, GB
[72] FOX, DAVID NATHAN ABRAHAM, GB
[71] PFIZER INC., US
[85] 2004-12-23
[86] 2003-06-16 (PCT/IB2003/002657)
[87] 2004-01-08 (WO2004/002461)
[30] GB (0214784.1) 2002-06-26

[21] **2,491,003**
[13] A1

[51] **Int.Cl. 7A61B 17/00**
[25] EN
[54] **METHOD AND APPARATUS FOR POSITIONING A SURGICAL INSTRUMENT**
[54] **METHODE ET DISPOSITIF DE POSITIONNEMENT D'UN INSTRUMENT CHIRURGICAL**
[72] SCHATZBERGER, SHAIKE, IL
[71] SCHATZBERGER, SHAIKE, IL
[85] 2004-12-23
[86] 2003-06-26 (PCT/IL2003/000540)
[87] 2004-01-08 (WO2004/002319)
[30] US (60/391,599) 2002-06-27

[21] **2,491,006**
[13] A1

[51] **Int.Cl. 7A23C 11/10 7A23C 20/02 7A23L 1/20**
[25] EN
[54] **METHOD OF MANUFACTURING RAW MATERIAL BEANS DRINKS AND SOLID FERMENTED FOOD**
[54] **PROCEDE DE FABRICATION DE BOISSONS A BASE DE FEVES ET PRODUITS ALIMENTAIRES SOLIDES FERMENTES**
[72] YANO, TOSHIHIRO, JP
[72] KATO, IKUO, JP
[72] YAJIMA, NOBUHIRO, JP
[72] OGAWA, HIROSHI, JP
[71] KAGOME LABIO CO., LTD., JP
[85] 2004-12-23
[86] 2003-06-02 (PCT/JP2003/006937)
[87] 2004-01-08 (WO2004/002231)
[30] JP (2002-192212) 2002-07-01
[30] JP (2002-192221) 2002-07-01

[21] **2,491,011**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7A01H 5/00 7C12N 15/12 7A61K 38/17**
[25] FR
[54] **PEPTIDES LINEAIRES CATIONIQUES AYANT DES PROPRIETES ANTIBACTERIENNES ET/OU ANTIFONGIQUES**
[54] **CATIONIC LINEAR PEPTIDES HAVING ANTIBACTERIAL AND/OR ANTIFUNGAL PROPERTIES**
[72] ARRANZ, VALERIE, FR
[71] DIATOS S.A., FR
[85] 2004-12-23
[86] 2003-07-08 (PCT/FR2003/002123)
[87] 2004-01-15 (WO2004/005339)
[30] FR (02/08565) 2002-07-08

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[13] A1

[51] **Int.Cl. 7C10G 65/12**
[25] EN
[54] **AN IMPROVED HYDROCRACKING PROCESS**
[54] **PROCEDE D'HYDROCRAQUAGE AMELIORE**
[72] KALNES, TOM N., US
[71] UOP LLC, US
[85] 2004-12-23
[86] 2002-07-02 (PCT/US2002/021493)
[87] 2004-01-15 (WO2004/005436)

[21] **2,491,013**
[13] A1

[51] **Int.Cl. 7C08K 5/3492 7C08K 5/3435 7C08K 5/3437**
[25] EN
[54] **IMPROVED INSULATION COMPOSITIONS CONTAINING METALLOCENE POLYMERS**
[54] **COMPOSITIONS ISOLANTES AMELIOREES CONTENANT DES POLYMERES METALLOCENES**
[72] EASTER, MARK R., US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2004-12-23
[86] 2003-07-22 (PCT/US2003/022672)
[87] 2004-01-29 (WO2004/009694)
[30] US (60/397,026) 2002-07-22
[30] US (10/370,488) 2003-02-24

[21] **2,491,014**
[13] A1

[51] **Int.Cl. 7H04Q 7/22**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR THE TREATMENT OF SHORT MESSAGES WITH DIRECTORY NUMBER PORTABILITY**
[54] **PROCEDE ET DISPOSITIF POUR TRAITER DES MESSAGES COURTS EN CAS DE CONSERVATION DU NUMERO D'APPEL**
[72] KLOCKNER, HANNS-PETER, DE
[71] T-MOBILE DEUTSCHLAND GMBH, DE
[85] 2004-12-23
[86] 2003-06-26 (PCT/DE2003/002136)
[87] 2004-01-08 (WO2004/004382)
[30] DE (102 29 208.6) 2002-06-28
[30] DE (103 03 161.8) 2003-01-27

[21] **2,491,015**
[13] A1

[51] **Int.Cl. 7H04Q 7/34**
[25] EN
[54] **SYSTEM AND METHOD FOR THE ACCURATE COLLECTION OF END-USER OPINION DATA FOR APPLICATIONS ON A WIRELESS NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT DE RECUEILLIR AVEC PRECISION DES DONNEES SUR LES OPINIONS D'UTILISATEUR QUANT A DES APPLICATIONS SUR UN RESEAU SANS FIL**
[72] ROSS, DAVID J., US
[72] KENAGY, JASON, US
[72] KHAZAKA, SAMIR K., US
[72] CHMAYTELLI, MAZEN, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-12-23
[86] 2003-07-01 (PCT/US2003/020911)
[87] 2004-01-08 (WO2004/004391)
[30] US (10/187,511) 2002-07-01

[21] **2,491,016**
[13] A1

[51] **Int.Cl. 7A63C 9/081**
[25] EN
[54] **SNOWBOARD ROTATABLE BINDING CONVERSION APPARATUS**
[54] **APPAREIL DE CONVERSION DE FIXATION ROTATIVE DE SNOWBOARD**
[72] WHITE, RICK ALBERT, US
[71] SWIVLER LLC, US
[85] 2004-12-23
[86] 2002-08-01 (PCT/US2002/024668)
[87] 2004-01-15 (WO2004/004846)
[30] US (10/189,865) 2002-07-05

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[13] A1

[51] **Int.Cl. 7A61K 38/00**
[25] EN
[54] **ANTIBODIES TO NON-SHED MUC1 AND MUC16, AND USES THEREOF**
[54] **ANTICORPS CONTRE MUC1 ET MUC16 NON LIBEREES ET LEURS UTILISATIONS**
[72] CHUN, PHILIP, US
[72] SNEIDER-MULREADY, KRISTIN, US
[72] PAYNE, GILLIAN, US
[72] VATER, CAROL A., US
[72] CHITTENDEN, THOMAS, US
[72] GOLDMAKHER, VIKTOR, US
[71] IMMUNOGEN, INC., US
[85] 2004-12-23
[86] 2003-07-03 (PCT/US2003/020907)
[87] 2004-01-15 (WO2004/005470)
[30] US (60/393,094) 2002-07-03

[21] **2,491,018**
[13] A1

[51] **Int.Cl. 7A61N 1/36 7A61N 1/372 7A61N 1/375 7A61N 1/378**
[25] EN
[54] **MICROSTIMULATOR HAVING SELF-CONTAINED POWER SOURCE AND BI-DIRECTIONAL TELEMETRY SYSTEM**
[54] **MICROSTIMULATEUR DOTE D'UNE SOURCE D'ALIMENTATION AUTONOME ET SYSTEME DE TELEMETRIE BIDIRECTIONNELLE**
[72] KLOSTERMAN, DANIEL J., US
[72] MCCLURE, KELLY H., US
[72] PARK, RUDOLPH V., US
[72] MARNFELDT, GORAN N., US
[72] HALLER, MATTHEW I., US
[72] PARRAMON, JORDI, US
[71] ADVANCED BIONICS CORPORATION, US
[85] 2004-12-23
[86] 2003-06-27 (PCT/US2003/020398)
[87] 2004-01-08 (WO2004/002572)
[30] US (60/392,475) 2002-06-28

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[13] A1

[51] **Int.Cl. 7B43L 23/08**
[25] EN
[54] **PENCIL SHARPENER, ESPECIALLY FOR COSMETIC SOFT LEADED PENCILS**
[54] **TAILLE-CRAYON DESTINE NOTAMMENT A DES CRAYONS COSMETIQUES A MINE TENDRE**
[72] FISCHER, ERNST, DE
[71] MOBIUS & RUPPERT, DE
[85] 2004-12-23
[86] 2003-04-25 (PCT/DE2003/001346)
[87] 2003-11-06 (WO2003/091044)
[30] DE (102 18 357.0) 2002-04-25

[21] **2,491,020**
[13] A1

[51] **Int.Cl. 7C07D 209/48 7C07C 215/56**
[25] EN
[54] **PHENOL DERIVATIVES AND METHOD OF USE THEREOF**
[54] **DERIVES DE PHENOL ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] KIKUCHI, KEN, JP
[72] YANAGI, TAKASHI, JP
[72] OZAWA, TETSUJI, JP
[72] KUBOTA, MINORU, JP
[72] YAMAGUCHI, TOSHIKI, JP
[72] BAN, MASAOKI, JP
[71] KISSEI PHARMACEUTICAL CO., LTD., JP
[85] 2004-12-23
[86] 2003-06-26 (PCT/JP2003/008085)
[87] 2004-01-15 (WO2004/005251)
[30] JP (2002-199311) 2002-07-08

[21] **2,491,021**
[13] A1

[51] **Int.Cl. 7B01J 8/06 7B01J 8/02**
[25] EN
[54] **REACTOR SYSTEM FOR SEVERAL REACTOR UNITS IN PARALLEL**
[54] **SYSTEME DE REACTEUR COMPRENANT PLUSIEURS UNITES DE REACTEUR MONTES EN PARALLELE**
[72] LEFFER, HANS GEORG, DE
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2004-12-23
[86] 2003-06-20 (PCT/EP2003/006456)
[87] 2004-01-15 (WO2004/004884)
[30] EP (02254697.2) 2002-07-04

[21] **2,491,024**
[13] A1

[51] **Int.Cl. 7A61C 8/00 7A61J 1/00 7A61J 1/14**
[25] EN
[54] **ARRANGEMENT AND METHOD FOR PRESERVING THE NEW-BONEFORMING EFFECT OF GROWTH-STIMULATING SUBSTANCES FOR AN IMPLANT PRODUCT**
[54] **SYSTEME ET PROCEDE DE CONSERVATION DE L'EFFET DE NOUVELLE OSSIFICATION DE SUBSTANCES DE STIMULATION DE LA CROISSANCE D'UN PRODUIT D'IMPLANT**
[72] HALL, JAN, SE
[71] NOBEL BIOCARE AB (PUBL), SE
[85] 2004-12-23
[86] 2003-06-18 (PCT/SE2003/001021)
[87] 2004-01-08 (WO2004/002357)
[30] SE (0202052-7) 2002-07-01

[21] **2,491,025**
[13] A1

[51] **Int.Cl. 7A61B 17/04**
[25] EN
[54] **SURGICAL SE SUTURE NEEDLE**
[54] **AIGUILLE CHIRURGICALE DE SUTURE SE**
[72] RODRIGUEZ, AMIBAL, US
[72] POWERS, WILLIAM, US
[72] CUNNINGHAM, SCOTT, US
[71] TYCO HEALTHCARE GROUP, LP, US
[85] 2004-12-23
[86] 2003-07-14 (PCT/US2003/022044)
[87] 2004-01-22 (WO2004/006781)
[30] US (60/396,940) 2002-07-17

[21] **2,491,026**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **DIAGNOSIS OF SEPSIS USING MITOCHONDRIAL NUCLEIC ACID ASSAYS**
[54] **DIAGNOSTIC D'UNE SEPSIS FAISANT APPEL A DES EPREUVES BIOLOGIQUES D'ACIDES NUCLEIQUES MYTOCHONDRIAUX**
[72] O'SHAUGHNESSY, MICHAEL, CA
[72] MONTANER, JULIO, CA
[72] COTE, HELENE, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2004-12-22
[86] 2003-07-04 (PCT/CA2003/001006)
[87] 2004-01-15 (WO2004/005539)
[30] US (60/393,368) 2002-07-05

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[13] A1

[51] **Int.Cl. 7C07D 493/14 7A61K 7/00 7A23L 2/00 7A61P 17/00 7A61P 43/00 7A61K 7/02 7A61P 11/02 7A61K 7/06 7A61K 7/075 7A61P 37/08 7A61P 27/14 7A23L 1/30 7A61K 31/352 7A61K 7/48 7A61K 7/50**
[25] EN
[54] **NOVEL DERIVATIVE OF FLAVONE C-GLYCOSIDE AND COMPOSITION CONTAINING THE SAME**
[54] **NOUVEAU DERIVE DE FLAVONE C-GLYCOSIDE ET COMPOSITION LE RENFERMANT**
[72] ISHIKURA, YOSHIYUKI, JP
[72] NUKAYA, HARUO, JP
[72] TSUJI, KUNIRO, JP
[71] SUNTORY LIMITED, JP
[85] 2004-12-23
[86] 2003-07-03 (PCT/JP2003/008481)
[87] 2004-01-15 (WO2004/005296)
[30] JP (2002-194828) 2002-07-03

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[21] **2,491,028**
[13] A1

[51] **Int.Cl. 7G06K 5/02**
[25] EN
[54] **METHOD AND DEVICE FOR CODING ARTICLES**
[54] **PROCEDE ET DISPOSITIF DE CODAGE D'ARTICLES**
[72] BREMOND, OLIVIER, CH
[72] TILLER, THOMAS, CH
[72] SETO, MYRON, CH
[71] SICPA HOLDING S.A., CH
[85] 2004-12-23
[86] 2003-05-16 (PCT/EP2003/005149)
[87] 2004-01-15 (WO2004/006163)
[30] EP (02015186.6) 2002-07-08

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[13] A1

[51] **Int.Cl. 7C07F 5/02 7C07D 205/04 7C07D 207/04 7C07D 241/04 7C07D 211/14**
[25] EN
[54] **SUBSTITUTED ARYL BORONIC ACIDS, THEIR PREPARATION AND THEIR PRECURSORS**
[54] **ACIDES BORONIQUES SUBSTITUES ARYLE, MODE DE PREPARATION ET PRECURSEURS**
[72] CARON, STEPHANE, US
[72] NOWAKOWSKI, JOLANTA, US
[71] PFIZER PRODUCTS INC., US
[85] 2004-12-23
[86] 2003-06-23 (PCT/IB2003/002947)
[87] 2004-01-15 (WO2004/005301)
[30] US (60/393,501) 2002-07-03

[21] **2,491,030**
[13] A1

[51] **Int.Cl. 7A61B 17/06**
[25] EN
[54] **SURGICAL COBRA HEAD SUTURE NEEDLE**
[54] **AIGUILLE DE SUTURE CHIRURGICALE EN FORME DE TETE DE COBRA**
[72] MARECZYK, STANISLAW Z., US
[72] CUNNINGHAM, SCOTT, US
[71] TYCO HEALTHCARE GROUP, LP, US
[85] 2004-12-23
[86] 2003-07-14 (PCT/US2003/022047)
[87] 2004-01-22 (WO2004/006987)
[30] US (60/396,444) 2002-07-17

[21] **2,491,031**
[13] A1

[51] **Int.Cl. 7G08B 13/186**
[25] EN
[54] **GRIPPING MEANS FOR A SIGNAL LINE AND SIGNAL LINE**
[54] **ORGANE DE PREHENSION POUR LIGNE DE SIGNAL ET LIGNE DE SIGNAL**
[72] VAN DE VEN, MATHIJS
THEODORUS WILHELMUS, NL
[71] LIGHTSPEED INVENTIONS B.V., NL
[85] 2004-12-23
[86] 2003-07-04 (PCT/NL2003/000496)
[87] 2004-01-15 (WO2004/006200)
[30] NL (1020997) 2002-07-04

[21] **2,491,032**
[13] A1

[51] **Int.Cl. 7B24B 5/42 7B24B 39/04**
[25] EN
[54] **DEEP ROLLING HEAD**
[54] **TETE DE ROULEAU D'ECROUISSAGE**
[72] DERICHS, HEINRICH WILHELM, DE
[71] HEGENSCHIEDT-MFD GMBH & CO. KG, DE
[85] 2004-12-23
[86] 2003-05-02 (PCT/EP2003/004589)
[87] 2004-01-15 (WO2004/004972)
[30] DE (102 30 526.9) 2002-07-05

[21] **2,491,033**
[13] A1

[51] **Int.Cl. 7E06B 3/00**
[25] EN
[54] **WINDOW ASSEMBLY FOR OPENING CLOSURES**
[54] **ENSEMBLE FENETRE POUR DISPOSITIFS D'OBTURATION D'OUVERTURES**
[72] BERGER, ALLEN, JR., US
[71] BERGER, ALLEN, JR., US
[85] 2004-12-23
[86] 2002-09-09 (PCT/US2002/028439)
[87] 2004-01-29 (WO2004/009941)
[30] US (10/201,762) 2002-07-23

[21] **2,491,035**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04Q 11/00 7H04Q 11/02 7H04Q 11/04**
[25] EN
[54] **DIGITAL CROSS CONNECT SWITCH MATRIX MAPPING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE CONFIGURATION DE MATRICE DE COMMUTATION A CONNEXION TRANSVERSALE NUMERIQUE**
[72] DUBOIS, MICHEL, CA
[71] MARCONI INTELLECTUAL PROPERTY (RINGFENCE) INC., US
[85] 2004-12-23
[86] 2003-07-08 (PCT/IB2003/003323)
[87] 2004-01-15 (WO2004/006517)
[30] US (60/394,403) 2002-07-08
[30] US (10/614,519) 2003-07-07

[21] **2,491,037**
[13] A1

[51] **Int.Cl. 7F16B 37/06 7F16B 33/00 7F01M 11/04**
[25] EN
[54] **SELF-ATTACHING FEMALE FASTENER ELEMENT, SEALED FASTENER AND PANEL ASSEMBLY AND METHOD OF FORMING SAME**
[54] **FIXATION FEMELLE AUTOBLOQUANTE, FIXATION ETANCHE ET ASSEMBLAGE DE PANNEAUX ET SON PROCEDE DE FORMATIO**
[72] PARKER, JOHN M., US
[72] WOJCIECHOWSKI, STANLEY E., US
[71] FABRISTEEL PRODUCTS, INC., US
[85] 2004-12-23
[86] 2003-03-20 (PCT/US2003/008424)
[87] 2004-03-18 (WO2004/022987)
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[21] **2,491,038**
[13] A1

[51] **Int.Cl. 7C07K 14/415 7A61K 48/00 7C12N 15/11 7A61K 38/16 7A61K 39/36 7C12N 15/63**
[25] EN
[54] **DNA SEQUENCE AND RECOMBINANT PRODUCTION OF THE GRASS POLLEN ALLERGEN PHL P4**
[54] **SEQUENCE D'ADN ET PRODUCTION RECOMBINEE DE L'ALLERGENE DES POLLENS DE PLANTES HERBACEES PHL P4**
[72] FIEBIG, HELMUT, DE
[72] PETERSEN, ARND, DE
[72] BECKER, WOLF-MEINHARD, DE
[72] CROMWELL, OLIVER, DE
[72] SUCK, ROLAND, DE
[72] NANDY, ANDREAS, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2004-12-23
[86] 2003-06-11 (PCT/EP2003/006092)
[87] 2003-12-31 (WO2004/000881)
[30] EP (02013953.1) 2002-06-25

[21] **2,491,040**
[13] A1

[51] **Int.Cl. 7C07K 14/745 7A61K 48/00 7A61P 7/04 7C12N 15/12 7A61K 38/36 7C12N 15/63 7C12N 9/64**
[25] EN
[54] **THROMBIN-CLEAVABLE FACTOR X ANALOGUES**
[54] **ANALOGUES DU FACTEUR X A CLIVAGE PAR LA THROMBINE**
[72] BIANCHINI, ELSA, FR
[72] LOUVAIN, VIRGINIE, FR
[72] MARQUE, PIERRE-EMMANUEL, FR
[72] CALMEL-TAREAU, CLAIRE, FR
[72] LE BONNIEC, BERNARD, FR
[72] AIACH, MARTINE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[85] 2004-12-23
[86] 2003-06-30 (PCT/EP2003/007793)
[87] 2004-01-15 (WO2004/005347)
[30] FR (0208299) 2002-07-03

[21] **2,491,074**
[13] A1

[51] **Int.Cl. 7A61K 38/16**
[25] EN
[54] **O-DERIVATIZED NOCATHIACIN DERIVATIVES**
[54] **DERIVES DE NOCATHIACINE O-DERIVATISES**
[72] REGUEIRO-REN, ALICIA, US
[72] CONNOLLY, TIMOTHY P., US
[72] SPRINGER, DANE M., US
[72] ZHENG, XIAOFAN, US
[72] NAIDU, B. NARASIMHULU, US
[72] KIM, OAK K., US
[72] GOODRICH, JASON, US
[72] UEDA, YASUTSUGU, US
[72] MATISKELLA, JOHN D., US
[72] ZHANG, YUNHUI, US
[72] SORENSON, MARGARET E., US
[72] HUDYMA, THOMAS W., US
[72] BRONSON, JOANNE J., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2004-12-22
[86] 2003-07-02 (PCT/US2003/021012)
[87] 2004-01-15 (WO2004/004646)
[30] US (10/189,710) 2002-07-03

[21] **2,491,080**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C07H 21/00 7A61K 48/00 7C07K 19/00 7A61P 17/00 7A61P 31/00 7C07K 16/40 7A61K 38/48 7C12N 15/52 7C12N 9/64 7A61K 31/708 7A61K 31/711**
[25] FR
[54] **UTILISATION DE PROTEASES ASPARTIQUES DANS LE DOMAINE COSMETIQUE ET THERAPEUTIQUE**
[54] **USE OF ASPARTIC PROTEASES IN COSMETICS AND THERAPEUTICS**
[72] MEHUL, BRUNO, FR
[72] BERNARD, DOMINIQUE, FR
[71] L'OREAL, FR
[85] 2004-12-24
[86] 2003-07-09 (PCT/FR2003/002151)
[87] 2004-01-22 (WO2004/007548)
[30] FR (02/08613) 2002-07-09

[21] **2,491,223**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A61K 7/06**
[25] FR
[54] **GENES DES CHROMOSOMES 6 ET 9 IMPLIQUES DANS LA CANITIE PRECOCE**
[54] **CHROMOSOME 6 AND 9 GENES INVOLVED IN PREMATURE CANITIES**
[72] ANTONARAKIS, STYLIANOS, CH
[72] DELOCHE, CLAIRE, FR
[72] BLOUIN, JEAN-LOUIS, FR
[72] DE LACHARRIERE, OLIVIER, FR
[71] L'OREAL, FR
[85] 2004-12-24
[86] 2003-07-09 (PCT/FR2003/002154)
[87] 2004-01-22 (WO2004/007742)
[30] FR (02/08696) 2002-07-10
[30] FR (03/04360) 2003-04-08

[21] **2,491,279**
[13] A1

[51] **Int.Cl. 7C12N 15/16 7A61K 45/00 7A61K 48/00 7C12P 21/02 7A61K 38/17 7A61K 38/22 7A61K 38/28 7C07K 16/28 7C07K 14/72**
[25] EN
[54] **PITUITARY ADENYLATE CYCLASE ACTIVATING PEPTIDE (PACAP) RECEPTOR (VPAC2) AGONISTS AND THEIR PHARMACOLOGICAL METHODS OF USE**
[54] **AGONISTES (VPAC2) DU RECEPTEUR DE PEPTIDE ACTIVANT L'ADENYLATE CYCLASE PITUITAIRE (PACAP) ET LEURS METHODES PHARMACOLOGIQUES**
[72] WANG, YU-CHANG JOHN, US
[72] WANG, WEI, US
[72] PAN, CLARK, US
[72] WHELAN, JAMES, US
[72] KELNER, DREW N., US
[72] DUMAS, MICHAEL L., US
[72] FROLAND, WAYNE A., US
[71] BAYER PHARMACEUTICALS CORPORATION, US
[85] 2004-12-23
[86] 2003-07-11 (PCT/US2003/021761)
[87] 2004-01-22 (WO2004/006839)
[30] US (60/395,738) 2002-07-12

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[21] **2,492,057**
[13] A1
[51] **Int.Cl. 7A61K 39/395 7A61K 39/193
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[25] EN
[54] **CO-ADMINISTRATION OF CG250
AND IL-2 OR IFN-ALPHA FOR
TREATING CANCER SUCH AS RENAL
CELL CARCINOMAS**
[54] **COADMINISTRATION DE CG250
ET D'IL-2 OU D'IFN-ALPHA,
DESTINEE AU TRAITEMENT DE
CANCERS TELS QUE LES
HYPERNEPHROMES**
[72] ULLRICH, STEFAN, DE
[72] WARNAAR, SVEN OLE, NL
[71] WILEX AG, DE
[85] 2004-12-17
[86] 2003-06-23 (PCT/EP2003/006591)
[87] 2004-01-08 (WO2004/002526)
[30] US (60/392,311) 2002-07-01

[21] **2,492,712**
[13] A1
[51] **Int.Cl. 7B41J 3/407 7B41J 13/00**
[25] EN
[54] **APPARATUS FOR APPLYING INK
INDICIA TO BOARDS**
[54] **APPAREIL POUR L'APPLICATION
D'EMPREINTES SUR DES PLANCHES**
[72] BARKER, JOEL, US
[72] SHULMAN, THOMAS L., US
[72] DOAK, JODY DAVID, US
[71] J.M. HUBER CORPORATION, US
[85] 2005-01-07
[86] 2003-06-24 (PCT/US2003/019894)
[87] 2004-12-24 (WO2005/009735)
[30] WO (PCT/US2003/019894) 2003-06-24

[21] **2,493,854**
[13] A1
[51] **Int.Cl. 7A61K 31/47 7A61K 45/00
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52 7A61K 31/5377**
[25] EN
[54] **PHOSPHODIESTERASE
INHIBITOR**
[54] **INHIBITEUR DE
PHOSPHODIESTERASE**
[72] MIYAJI, HIROMASA, JP
[72] OSAKADA, NAOTO, JP
[72] TOKI, SHINICHIRO, JP
[72] HARUOKA, MOTOKO, JP
[72] IKEDA, KEN, JP
[72] SHIMADA, JUNICHI, JP
[71] KYOWA HAKKO KOGYO CO., LTD.,
JP
[85] 2004-12-22
[86] 2003-06-26 (PCT/JP2003/008079)
[87] 2004-01-08 (WO2004/002484)
[30] JP (2002-185707) 2002-06-26

[21] **2,493,905**
[13] A1
[51] **Int.Cl. 7G01N 21/76**
[25] EN
[54] **ELECTROCHEMILUMINESCENCE
FLOW CELL AND FLOW CELL
COMPONENTS**
[54] **CUVE A CIRCULATION A
ELECTROCHIMOLUMINESCENCE
ET ELEMENTS DE CUVE A
CIRCULATION**
[72] KUMAR, SUDEEP M., US
[72] BIEBUYCK, HANS, US
[72] OTTEN, JOSEPHUS MARINUS, US
[72] DAVIS, CHARLES QUENTIN, US
[71] BIOVERIS CORPORATION, US
[85] 2004-12-20
[86] 2003-06-19 (PCT/US2003/019691)
[87] 2003-12-31 (WO2004/001380)
[30] US (60/390,816) 2002-06-20

[21] **2,494,199**
[13] A1
[51] **Int.Cl. 7G01N 33/20**
[25] EN
[54] **BIOEQUIVALENCE TEST FOR
IRON-CONTAINING FORMULATIONS
[54] TEST DE BIOEQUIVALENCE
POUR DES PREPARATIONS
CONTENANT DU FER**
[72] HELENEK, MARY JANE, US
[72] LANGE, RALPH A., US
[72] LAWRENCE, RICHARD P., US
[71] LUITPOLD PHARMACEUTICALS,
INC., US
[85] 2005-02-18
[86] 2002-08-26 (PCT/US2002/026989)
[87] 2004-03-04 (WO2004/019032)

PCT Applications Entering the National Phase

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

<p>[21] 2,458,488 [13] A1</p> <p>[51] Int.Cl. 7A01K 29/00 7A01K 15/02 [25] EN [54] PET TOY [54] JOUET POUR ANIMAL DE COMPAGNIE [72] OBLACK, MARK, US [71] OBLACK, MARK, US [22] 2004-02-24 [41] 2004-08-25 [30] US (10/785,781) 2004-02-23 [30] US (60/449,932) 2003-02-25</p>	<p>[21] 2,485,895 [13] A1</p> <p>[51] Int.Cl. 7B42F 21/00 [25] EN [54] INDEXING SYSTEM PACKAGE AND DISPLAY SYSTEM [54] BLOC DE SYSTEME DE REPERTORIAGE ET SYSTEME DE PRESENTATION [72] PETERS, JOHN E., JR., US [72] SAPIENZA, MARK C., US [71] ACCO BRANDS, INC., US [22] 2001-09-19 [41] 2002-03-28 [62] 2,422,880 [30] US (60/234,162) 2000-09-20 [30] US (60/256,326) 2000-12-19 [30] US (09/883,379) 2001-06-19</p>	<p>[21] 2,491,521 [13] A1</p> <p>[51] Int.Cl. 7G06F 12/14 7H04L 9/32 [25] EN [54] COMPUTER SECURITY SYSTEM [54] SYSTEME DE SECURITE INFORMATIQUE [72] VENEKLASE, BRIAN J., US [71] VENEKLASE, BRIAN J., US [22] 1997-10-24 [41] 1998-04-28 [62] 2,219,344 [30] US (08/738,897) 1996-10-28</p>
<p>[21] 2,485,890 [13] A1</p> <p>[51] Int.Cl. 7B42F 21/00 7G09F 3/00 [25] EN [54] INDEXING SYSTEM PACKAGE AND DISPLAY SYSTEM [54] BLOC DE SYSTEME DE REPERTORIAGE ET SYSTEME DE PRESENTATION [72] SAPIENZA, MARK C., US [72] PETERS, JOHN E., JR., US [71] ACCO BRANDS, INC., US [22] 2001-09-19 [41] 2002-03-28 [62] 2,422,880 [30] US (60/234,162) 2000-09-20 [30] US (60/256,326) 2000-12-19 [30] US (09/883,379) 2001-06-19</p>	<p>[21] 2,491,476 [13] A1</p> <p>[51] Int.Cl. 7F01D 5/08 7F01D 25/12 [25] EN [54] AN ARRANGEMENT FOR SEALING A STEAM-COOLED GAS TURBINE [54] DISPOSITIF D'ETANCHEITE D'UNE TURBINE A GAZ REFROIDIE PAR VAPEUR [72] HIROKAWA, KAZUHARU, JP [72] TANAKA, KATSUNORI, JP [72] UEMATSU, KAZUO, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [22] 2000-09-27 [41] 2001-03-30 [62] 2,321,375 [30] JP (11-278439) 1999-09-30 [30] JP (11-282490) 1999-10-04</p>	<p>[21] 2,491,595 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/32 7H04Q 7/38 7H04M 1/725 [25] EN [54] PORTABLE TELEPHONE AND TERMINAL EQUIPMENT [54] TELEPHONE PORTABLE ET TERMINAL [72] YAMAMOTO, MASAOKI, JP [72] NAKATSUCHI, MASAHARU, JP [71] NTT DOCOMO INC., JP [22] 2000-12-07 [41] 2001-06-14 [62] 2,359,131 [30] JP (11/349460) 1999-12-08</p>
		<p>[21] 2,491,604 [13] A1</p> <p>[51] Int.Cl. 7H04B 3/54 7H04B 3/56 [25] EN [54] TRANSFORMER COUPLER FOR COMMUNICATION OVER VARIOUS LINES [54] COUPLEUR A TRANSFORMATEUR POUR LES COMMUNICATIONS SUR LIGNES MULTIPLES [72] ABRAHAM, CHARLES, US [71] VIDEOCOM, INC., US [22] 1995-06-30 [41] 1996-01-02 [62] 2,153,140 [30] US (08/270,002) 1994-07-01</p>

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[21] **2,492,600**
[13] A1

[51] **Int.Cl. 7C07D 211/22**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF (R)-.ALPHA.-(2,3-DIMETHOXYPHENYL)-1--2-(4-FLUOROPHENYL)ETHYL-4-PIPERIDINEMETHANOL**
[54] **PROCEDES DE PREPARATION DE (R)-.ALPHA.- (2,3-DIMETHOXYPHENYL)- 1--2-(4-FLUOROPHENYL)ETHYL-4-PIPERIDINEMETHANOL**

[72] DAUGS, EDWARD D., US
[72] ORTYL, THOMAS T., US
[72] KING, CHI-HSIN R., US
[72] RAJEWSKI, LIAN G., US
[72] TOMLINSON, IAN A., US
[72] HITT, JAMES E., US
[72] KOEK, JAHANNES, N., NL
[72] SACK, MARYIN J., US
[72] LASKOVICS, FREDERICK M., NL
[72] TIGNER, ALONZO L., US
[72] HILPERT, THOMAS H. E., DE
[72] MINISH, SHARON K., US
[72] STOLZ-DUNN, SANDRA K., US
[72] HAWTHORNE, ROBERT A., US
[72] MARGOLIN, ALEXEY L., US
[72] LEFLER, JOHN R., US
[72] FLEMMING, HANS-WOLFRAM, DE
[72] EVANS, JONATHAN C., US
[72] SKULTETY, PAUL F., US
[72] BINA, ALAN G., US
[72] GUILLAMOT, GERARD, FR
[71] HOECHST MARION ROUSSEL DEUTSCHLAND GMBH, DE
[71] AVENTIS PHARMACEUTICALS INC., US
[22] 1999-03-11
[41] 1999-09-16
[62] 2,322,501
[30] US (09/042,251) 1998-03-13
[30] US (09/250,718) 1999-02-16

[21] **2,492,724**
[13] A1

[51] **Int.Cl. 7A61K 38/18 7A23K 1/16**
[25] EN
[54] **THE USE OF EPIDERMAL GROWTH FACTOR AS A GASTROINTESTINAL THERAPEUTIC AGENT**
[54] **UTILISATION DU FACTEUR DE CROISSANCE DE L'EPIDERME COMME AGENT THERAPEUTIQUE GASTRO-INTESTINAL**
[72] OLSON, MERLE E., CA
[72] HARDIN, JAMES A., CA
[72] BURET, ANDRE GERALD, CA
[72] GALL, D. GRANT, CA
[71] UNIVERSITY TECHNOLOGIES INTERNATIONAL, INC., CA
[22] 1996-05-09
[41] 1996-11-14
[62] 2,220,434
[30] US (08/438,901) 1995-05-10

[21] **2,492,727**
[13] A1

[51] **Int.Cl. 7H04M 3/42 7H04L 12/16 7G06F 17/30**
[25] EN
[54] **METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES**
[54] **PROCEDES ET APPAREILS DE PROGRAMMATION D'INFORMATIONS DEFINIES PAR LES UTILISATEURS DANS DES DISPOSITIFS ELECTRONIQUES**
[72] SHANAHAN, MICHAEL E., US
[71] TWENTY YEAR INNOVATIONS, INC., US
[22] 2000-12-05
[41] 2001-06-07
[62] 2,436,872
[30] US (60/169,158) 1999-12-06
[30] US (09/518,712) 2000-03-03

[21] **2,492,875**
[13] A1

[51] **Int.Cl. 7G02B 27/18 7G02B 17/00 7G03B 21/00 7G02B 17/08**
[25] EN
[54] **IMAGE DISPLAY DEVICE AND ADJUSTMENT FOR ALIGNMENT**
[54] **DISPOSITIF D'AFFICHAGE D'IMAGE ET DE REGLAGE DE L'ALIGNEMENT**
[72] SUZUKI, JIRO, JP
[72] SHIKAMA, SHINSUKE, JP
[72] TERAMOTO, KOHEI, JP
[72] SUZUKI, HIROSHI, JP
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[22] 2001-03-22
[41] 2001-11-15
[62] 2,377,245
[30] JP (2000-137602) 2000-05-10
[30] JP (2000-241757) 2000-08-09
[30] JP (2000-273723) 2000-09-08
[30] JP (2000-313652) 2000-10-13
[30] JP (2000-345571) 2000-11-13
[30] JP (2001-40739) 2001-02-16

[21] **2,492,888**
[13] A1

[51] **Int.Cl. 7G06F 3/14 7G11B 27/034 7H04N 9/64**
[25] EN
[54] **MODIFICATION OF MEDIA WITH COMMON ATTRIBUTES ON A DIGITAL NONLINEAR EDITING SYSTEM**
[54] **MODIFICATION DE SUPPORTS A ATTRIBUTS COMMUNS SUR UN SYSTEME D'EDITION NUMERIQUE NON LINEAIRE**
[72] LAIRD, MICHAEL D., US
[72] GONSALVES, ROBERT, US
[71] AVID TECHNOLOGY, INC., US
[22] 2000-04-14
[41] 2000-10-26
[62] 2,368,487
[30] US (09/293,730) 1999-04-16
[30] US (09/392,823) 1999-09-09

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[21] **2,492,892**
[13] A1

[51] **Int.Cl. 7H05B 33/10**
[25] EN
[54] **ELECTROLUMINESCENT
DISPLAY PANEL WITH THICK FILM
DIELECTRIC FORMED ON RIGID
REAR SUBSTRATE**
[54] **PANNEAU D’AFFICHAGE
ELECTRO-LUMINESCENT
COMPRENANT UN FILM
DIELECTRIQUE EPAIS FORME A
L’ARRIERE D’UN SUBSTRAT RIGIDE**
[72] FOO, KEN KOK, US
[72] BAILEY, PHILLIP, US
[72] STILES, JAMES ALEXANDER
ROBERT, CA
[72] WU, XINGWEI, CA
[71] IFIRE TECHNOLOGY CORP., CA
[22] 1993-05-06
[41] 1993-11-25
[62] 2,214,066
[30] US (08/052,702) 1993-04-30
[30] US (07/996,547) 1992-12-24
[30] US (07/880,436) 1992-05-08

[21] **2,492,903**
[13] A1

[51] **Int.Cl. 7A61B 5/053 7A61B 5/05**
[25] EN
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[54] **APPAREIL ET METHODE POUR
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[72] ORGAN, LESLIE W., US
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[22] 1998-05-05
[41] 1999-11-05
[62] 2,231,038
[30] US (60/083,739) 1998-05-01

[21] **2,493,154**
[13] A1

[51] **Int.Cl. 7A61B 17/068 7A61B 17/04
7A61F 2/06 7A61B 17/115**
[25] EN
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[72] TOTAKURA, NAGABHUSHANAM,
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[72] BOLANOS, HENRY, US
[72] GREEN, DAVID T., US
[72] MANZO, SCOTT E., US
[72] PELLETIER, THOMAS A., US
[72] RATCLIFF, KEITH, US
[71] UNITED STATES SURGICAL
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[22] 1994-04-19
[41] 1994-10-21
[62] 2,121,650
[30] US (08/049,881) 1993-04-20
[30] US (08/183,087) 1994-01-14

[21] **2,493,157**
[13] A1

[51] **Int.Cl. 7A61B 17/068 7A61B 17/04
7A61F 2/06 7A61B 17/115**
[25] EN
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[72] GREEN, DAVID T., US
[72] RATCLIFF, KEITH, US
[71] UNITED STATES SURGICAL
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[22] 1994-04-19
[41] 1994-10-21
[62] 2,121,650
[30] US (08/049,881) 1993-04-20
[30] US (08/183,087) 1994-01-14

[21] **2,493,162**
[13] A1

[51] **Int.Cl. 7A61B 17/068 7A61B 17/04
7A61F 2/06 7A61B 17/115**
[25] EN
[54] **SURGICAL STAPLER**
[54] **AGRAFEUSE CHIRURGICALE**
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[72] RATCLIFF, KEITH, US
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[71] UNITED STATES SURGICAL
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[62] 2,121,650
[30] US (08/049,881) 1993-04-20
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[21] **2,493,164**
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[51] **Int.Cl. 7A61B 17/068 7A61B 17/04
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[25] EN
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[72] GREEN, DAVID T., US
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[72] MANZO, SCOTT E., US
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[72] PELLETIER, THOMAS A., US
[72] TOTAKURA, NAGABHUSHANAM,
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[72] SHERTS, CHARLES R., US
[71] UNITED STATES SURGICAL
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[41] 1994-10-21
[62] 2,121,650
[30] US (08/049,881) 1993-04-20
[30] US (08/183,087) 1994-01-14

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[21] 2,493,173

[13] A1

[51] Int.Cl. 7C07D 211/22

[25] EN

[54] PROCESSES FOR THE
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[72] SACK, MARYIN J., US

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[71] AVENTIS PHARMACEUTICALS
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[22] 1999-03-11

[41] 1999-09-16

[62] 2,322,501

[30] US (09/042,251) 1998-03-13

[30] US (09/250,718) 1999-02-16

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SEXTANT AVIONIQUE	2,275,945	SUZUKI, MASAAKI	2,168,514	TINTLE, ROBERT	2,330,097
SHAH, RASIKLAL PUNJALAL		SUZUKI, NOBUYUKI	2,142,638	TITAN CORPORATION	2,215,239
	2,291,228	SWAIN, CHRISTOPHER JOHN	2,178,219	TOMKO, RICHARD F.	2,087,912
SHARAN, ALOK	2,295,386	SYMANTEC CORPORATION	2,397,411	TOMKO, RICHARD F.	2,087,913
SHEA, JEFF	2,237,063	SYNGENTA LIMITED	2,179,648	TOMLINSON, LEROY O.	2,110,006
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SHELL CANADA LIMITED	2,166,614	SYNTHRO CORPORATION	2,127,541	TOROTRAK	
SHI, AN-CHANG	2,281,373	SZCZECZ, GERALD S.	2,328,908	(DEVELOPMENT)	
SHIMOKAWA, HIROHISA	2,330,092	SZEWCZUL, MARK	2,319,989	LIMITED	2,177,383
SHINOHARA, TSUTOMU	2,139,207	SZLUFCEK, JOZEF	2,276,008	TRACTECH INC.	2,353,297
SHIONOGI & CO., LTD.	2,225,250	TAKADA, HIDEAKI	2,388,403	TRACTEL S.A.	2,231,722
SHIOTA, KAZUO	2,221,658	TANAKA, HIROSHI	2,221,658	TRAK TEK CANADA INC.	2,450,827
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SIDERS, KEITH E.	2,337,728	TATE, JOHN R.	2,293,142	CORPORATION	2,219,118
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POWER CORPORATION	2,276,102	LM ERICSSON	2,277,438	CORPORATION	2,365,157
SINGH, GURDEV	2,276,102	TETRA LAVAL HOLDINGS &		TSUCHIYA, YASUZO	2,309,533
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SMITH, DANIEL J.	2,134,761	THE BOEING COMPANY	2,342,506	TSING	2,173,988
SMITH, EDWARD DEWEY, III	2,358,486	THE BOEING COMPANY	2,384,908	TUNZI, SCOTT T.	2,238,462
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AGENCE SPATIALE		BAKER HUGHES	BROWN-KERR, WILLIAM	2,479,406
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AGENCE SPATIALE		BANASZKIEWICZ, STAN	BRUNN, HORST	2,479,486
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AIRBUS FRANCE	2,478,780	BAYER CHEMICALS AG	BUTLER, LAWRENCE	2,479,276
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ALPHA MARATHON		BENALI, MARZOUK	CAPROTTI, RINALDO	2,480,617
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AMIOT, LOUIS-PHILIPPE	2,439,850	BIGI, ALAN	CASTALDI, THOMAS E.	2,479,599
ANDERSON, SCOTT M.	2,477,339	BIGI, ALAN	CASTEEL, WILLIAM JACK,	
ANDERSON, SCOTT M.	2,477,342	BILLIU, ANDREW T.	JR.	2,479,589
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ARTUSI, ROBERTO	2,479,613	BOND, WILLIAM RALPH	CHEKAL, RAYMOND J.	2,438,766
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CORDIS NEUROVASCULAR, INC.	2,477,927	EMMERT, DAVID RALPH	2,479,073	GARDNER, BRAD	2,439,675
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DANA CORPORATION	2,479,599	FERNANDEZ, RICKEY	2,456,465	GHIGO, JEAN-MARC	2,479,474
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HARTMAN, HARRY W.	2,479,085	IGNIS INNOVATION INC.	2,438,363	COMPANIES, INC.	2,480,042
HASANOV, KARSHI F.	2,480,430	IHDE, JEFFERY R.	2,475,197	JOHNSON, JEFFREY L.	2,478,741
HASE, HIROYUKI	2,459,478	IHDE, JEFFERY R.	2,479,973	JOHNSON, RHONDA SUE	2,452,231
HAYES, KIRBY	2,438,640	IIDA, HIROTAKA	2,480,380	JOHNSON, RHONDA SUE	2,452,235
HAYES, KIRBY	2,447,556	ILLINOIS TOOL WORKS INC.	2,475,314	JONES, ARCHIE	2,479,458
HAYES, SEAMUS	2,477,889	ILLINOIS TOOL WORKS INC.	2,479,973	JONES, DONALD K.	2,477,927
HAYNES INTERNATIONAL,		ILLINOIS TOOL WORKS, INC.		JONES, DONALD K.	2,477,944
INC.	2,479,507		2,475,197	JONES, HAZEL L.	2,438,812
HEDLEY, ROBERT IAN	2,480,376	ILLINOIS TOOL WORKS, INC.		JONES, THOMAS O.	2,479,455
HEDRICK, THOMAS W., JR.	2,441,849		2,475,316	JOSEPH, ANNEMARIE	
HEIDEN, RICHARD W.	2,480,807	ILLINOIS TOOL WORKS, INC.		DEVINE	2,479,459
HEILMANN, CRAIG	2,438,976		2,475,643	JOUPPI, PATRICK T.	2,477,338
HENRIET, FABIEN	2,479,308	IMEX CO., LTD.	2,479,761	JOY, MICHAEL L. G.	2,480,430
HEPFNER, CHARLES M.	2,478,061	INFINEUM INTERNATIONAL		JUDS, SCOTT	2,479,146
HEPFNER, DALE P.	2,478,061	LIMITED	2,480,617	JUSTOY PTY LTD.	2,480,376
HEPFNER, NEAL M.	2,478,061	INOVENTIV (CANADA)		JUTEAU, SERGE	2,440,011
HEPFNER, SCOTT C.	2,478,061	CORP.	2,479,567	KAKUTANI, HIROSHI	2,459,478
HER MAJESTY THE QUEEN,		INSTITUT PASTEUR	2,438,753	KAMINSKI, PERRY W.	2,479,327
IN RIGHT OF CANADA		INSTITUT PASTEUR	2,479,474	KANAOKA, YOJI	2,476,810
AS REPRESENTED BY		INTELLITECH INNOVATIONS		KAO CORPORATION	2,480,139
THE MINISTER OF		INC.	2,438,951	KAO, MIKE PEN-MU	2,480,071
NATURAL RESOURCES		IPO L.L.C.	2,455,332	KAPLAN, SAMUEL	2,477,669
CANADA	2,439,490	IRAQUI, ISMAIEL	2,438,753	KARRAN, PETER	2,477,669
HERING, MONICA M.	2,479,455	IRAQUI, ISMAIEL	2,479,474	KARSTENMANUFACTURING	
HERMAN, JOHN J.	2,479,337	ITRON, INC.	2,479,971	CORPORATION	2,479,068
HERRMANN, DOUGLAS K.	2,477,228	ITRON, INC.	2,479,977	KARSTENMANUFACTURING	
HEWSON, JAMES ADAM	2,468,602	ITRON, INC.	2,480,621	CORPORATION	2,479,186
HIMEBAUGH, ROBERT V.	2,479,022	ITRON, INC.	2,480,623	KARSTENMANUFACTURING	
HIRAHARA, EDWIN	2,476,840	IVANOV, SERGEI		CORPORATION	2,479,442
HIRSCHMANN		VLADIMIROVICH	2,479,589	KARSTENMANUFACTURING	
ELECTRONICS GMBH &		IWAKAMI, HIROSHI	2,479,461	CORPORATION	2,479,449
CO KG	2,479,622	JACKSON, ELDON D.	2,481,054	KELLY, PAUL	2,477,889
HOANG, PAUL	2,437,537	JAFFE, JOEL R.	2,479,199	KELLY, WILLIAM G.F.	2,479,458
HOFFMANN, ANDREW		JAMES, DARYL	2,439,242	KEOGH, ELEANOR	2,439,837
KENNETH	2,439,667	JAMES, WILLIAM A.	2,479,458	KERSEY, KEITH D.	2,477,484
HOLLENBECK, BRUCE		JANBON, GUILHEM	2,438,753	KERSHNER, PATRICK W.	2,447,733
PHELPS	2,478,739	JANBON, GUILHEM	2,479,474	KETAN, ANUJA S.	2,480,807
HONDA GIKEN KOGYO		JANSEN, HERBERT ANDRE	2,439,850	KETT, DONALD A.	2,465,415
KABUSHIKI KAISHA	2,438,631	JAPAN AS REPRESENTED BY		KHAN, BRUNO	2,479,478
HONDA MOTOR CO., LTD.	2,476,810	THE PRESIDENT OF		KHRAMOV, MIKHAIL I.	2,438,928
HONDA MOTOR CO., LTD.	2,478,450	UNIVERSITY OF FUKUI	2,459,478	KIENBERGER, WOLFGANG	2,480,576
HONDA MOTOR CO., LTD.	2,479,325	JEANS, GABRIELLE	2,439,582	KILGORA, KATHRYN MAINS	2,478,370
HONDA MOTOR CO., LTD.	2,479,461	JENKINS, MICHAEL R.	2,479,174	KIM, JOSEPH	2,438,997
HORN, JOHN P.	2,473,074	JENNINGS, BRYAN	2,438,631	KIMURA, MIKHIKO	2,479,325
HOULE, VERNON GEORGE	2,439,722	JENSEN, EDWARD WILLIAM	2,478,370	KING, EDWARD EARL	2,478,166
HOVELSRUD, NEIL R.	2,480,623	JFE STEEL CORPORATION	2,470,042	KIPFELSBERGER,	
HSU, DAN	2,438,939	JIANG, SHENXUE	2,479,559	CHRISTIAN	2,480,576
HUDSON, ERIC A.	2,476,470	JOHNSON & JOHNSON		KIRBY HAYES	
HUEBNER, FRITZ	2,478,268	CONSUMER COMPANIES		INCORPORATED	2,447,556
HUHTAMAKI CONSUMER		INC.	2,479,311	KIRCHNER, RICHARD	
PACKAGING, INC.	2,479,480	JOHNSON & JOHNSON		ALLAN	2,438,766
HUI, RAYMOND	2,479,104	CONSUMER COMPANIES		KLABISH, GREGORY S.	2,479,612
HURLEY, WILLIAM J., JR.	2,480,374	INC.	2,480,565	KLYMACHYOV,	
HURRICANE INDUSTRIES		JOHNSON & JOHNSON		ALEXANDER N.	2,477,669
LTD.	2,438,640	CONSUMER		KNIGHT, JOHN	2,479,406
HURRICANE INDUSTRIES		COMPANIES, INC.	2,479,290	KNUEPPEL, HARALD	2,477,484
LTD.	2,447,556	JOHNSON & JOHNSON		KOELZER, ROBERT L	2,479,174
HUSSEIN, HAMDY HASSAN		CONSUMER		KOLLIAS, NIKIFOROS	2,479,456
MOHAMED	2,439,840	COMPANIES, INC.	2,479,456	KONG, YINGJIE	2,477,339
HUTCHINSON, MIKE	2,479,866			KONG, YINGJIE	2,477,342
HUTCHINSON, MIKE	2,480,236			KONIG, MICHAEL	2,479,496

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KONISHI, TATSUYA	2,479,586	MACOLINO, LAURIE	2,459,097	MORI, KENJIRO	2,479,586
KRAFT FOODS HOLDINGS, INC.	2,479,168	MAEDA, RYUJI	2,478,450	MORIAUX, ROLAND PIERRE	2,479,635
KRAUS, DAVID	2,475,314	MAEDA, SHINICHI	2,476,810	MORIKAWA, HIROSHI	2,479,325
KRAUSE, FRIEDEMANN	2,479,446	MAKL, KIRK	2,439,019	MORIYAMA, RYUJI	2,478,450
KRIEGER, CLIFFORD P.	2,479,599	MAKOVEC, FRANCESCO	2,479,613	MOROMISATO, GEORGE P.	2,479,612
KRUEGER, SVEN	2,480,187	MANCUSO, PETER A.	2,479,455	MORROS, JOSE RAMON	2,439,847
KRUEGER, VOLKER	2,480,187	MANNION, LIAM	2,477,889	MOSTAD, MATTHEW A.	2,479,108
KRZYZANOWSKI, JACEK	2,439,536	MANOLE, DAN M.	2,479,137	MR. TOMATO LTD.	2,439,224
KUDRA, TADEUSZ	2,439,490	MANOLE, DAN M.	2,479,171	MSI MACHINEERING SOLUTIONS INC.	2,480,371
KUHN, MARTIN	2,479,622	MARCHETTI, STEPHEN R.	2,479,455	MUIR, PETER	2,438,744
LABATT BREWING COMPANY LIMITED	2,438,897	MARSHALL, JOHN	2,479,567	MULHERN, TIMOTHY L.	2,479,455
LABRECQUE, LAURIER	2,479,982	MARTIN, ALISON	2,479,290	MULVANE, CURTIS L.	2,479,022
LACHANCE, JEAN-LUC	2,474,462	MARTIN, ALISON	2,479,311	MUNCIE POWER PRODUCTS, INC.	2,456,465
LACHENMAIER, AXEL	2,479,622	MARTIN, ALISON	2,479,457	MURAOKA, YUUKI	2,478,450
LAFLAMME, BENOIT	2,467,015	MARTIN, SCOTT P.	2,479,866	MYERS, LINTON DAVID	2,479,635
LAMBERT, JOSEPH JOSHUA	2,478,166	MATSUNAWA, AYAKO	2,479,586	NACHMAN, ADRIAN	2,480,430
LAMBERT, MITCHELL D.	2,479,562	MATSUSHITA ELECTRIC CORPORATION OF AMERICA	2,479,475	NAGY, CHRISTOPHER	2,479,971
LAN, DAVID	2,479,488	MATUS, TIM A.	2,475,316	NAGY, CHRISTOPHER	2,479,977
LANESE, NICOLA	2,478,606	MAXWELL DOWNHOLE TECHNOLOGY LIMITED	2,479,406	NAKAGAWA, TAKAKI	2,479,325
LANGLAIS, MICHAEL D.	2,479,478	MAYTAG CORPORATION	2,438,766	NAKAYAMA, MASARU	2,476,810
LARSON, EUGENE A.	2,479,327	MCDONNELL, STEPHEN P.	2,479,455	NAQVI, NOUSHAD	2,478,008
LARSON, GARY	2,480,621	MCKAY, JOHN ALLEN	2,438,897	NARCY, JEAN	2,478,879
LASKO, VINCENT P.	2,479,459	MCKAY, NICHOLAS D., JR.	2,480,201	NATHAN, AROKIA	2,438,363
LASSMANN, SILKE	2,479,446	MCNEIL-PPC, INC.	2,479,458	NATIONAL RESEARCH COUNCIL OF CANADA	2,440,015
LEE, CHING-PANG	2,479,276	MCNEIL-PPC, INC.	2,479,459	NESE, PER I.	2,479,337
LEE, LIN-NAN	2,480,145	MCNELIS, DONALD	2,477,889	NEUERT, RICHARD	2,480,576
LEE, LIN-NAN	2,480,208	MCQUAID, BRENDON ARTHUR	2,440,066	NICOLETTE, MICHAEL R.	2,479,068
LEITNER, KENNETH	2,455,081	MEESE, RICHARD G.	2,479,272	NIGAY, BERNARD	2,479,635
LEWALLEN, BRIAN	2,475,535	MEIBACH, RONALD LOUIS	2,479,168	NISSHINBO INDUSTRIES, INC.	2,480,380
LG ELECTRONICS INC.	2,478,037	MEIR, ROSENBERG	2,480,347	NITTO DENKO CORPORATION	2,479,586
LI, YINGHENG JAMES	2,480,071	MEISEN, ULRICH	2,479,486	NODA, YUKIHIKO	2,480,129
LIBRIZZI, JOSEPH	2,479,290	MELANDER, TODD	2,479,107	NOIRJEAN, PIERRE-ANDRE	2,479,308
LIBRIZZI, JOSEPH	2,479,311	MERCURY ADVISORY GROUP PTY LTD.	2,459,097	NOMULA, SRINIVAS	2,477,623
LIBRIZZI, JOSEPH	2,479,457	MESSIER-BUGATTI	2,478,879	NORTEL NETWORKS LIMITED	2,477,889
LIBRIZZI, JOSEPH	2,480,042	METRO ONE TELECOMMUNICATION S, INC.	2,479,047	NOVIL, MARTIN	2,477,339
LIEBHERR-AEROSPACE LINDENBERG GMBH	2,479,482	METRO ONE TELECOMMUNICATION S, INC.	2,479,108	NOVIL, MARTIN	2,477,342
LIFESCAN, INC.	2,479,107	MICROSOFT CORPORATION	2,472,982	NUOVO PIGNONE HOLDING S.P.A.	2,478,606
LILLIE, MARK J.	2,477,669	MILHOMME, STEVE	2,440,011	O'BRIEN, WILLIAM G.	2,479,234
LIPSEY, PERCY J., II	2,478,580	MILILLO, RICHARD J.	2,477,228	ODERMATT, DANIEL	2,439,850
LIPSEY, PERCY J., II	2,478,695	MILLER, STEPHEN G.	2,480,131	O'HALLORAN, JEFFREY MICHAEL	2,438,766
LIU, JILI	2,440,779	MILLER, TREVOR	2,439,871	O'HARA, GERALD P.	2,479,866
LOEB, ROBERT D.	2,480,397	MITCHELL, JOSEPH L.	2,440,686	OKI, KENJI	2,478,450
LOGAN, DEREK W.	2,440,779	MITELBERG, VLADIMIR	2,477,927	OLDHAM, THOMAS W.	2,479,554
LOISELLE, LOUISE	2,479,337	MITELBERG, VLADIMIR	2,477,944	O'MALLEY, MARY GAIL	2,479,459
LONGNECKER, JOHN EDWARD	2,475,535	MITSUYASSU, FERNANDO TOSHIHIKO	2,477,910	OMET S.R.L.	2,480,543
LOU, DAFU	2,479,234	MIYAGAWA, TORU	2,476,810	OOSHIMA, AKIRA	2,480,139
LUDWIG, HANS-JOACHIM	2,479,496	MIYAKAWA, YOICHI	2,470,042	OPHARDT, HEINER	2,439,645
LUDWIG, HANS-JOACHIM	2,479,617	MOHARRAM, OMA YMA E.	2,440,173	OPSETH, DEREK CHRISTOPHER	2,439,244
LUDWIG, HANS-JOACHIM	2,479,622	MOHRI, MASAHIRO	2,479,325	OPTIQUE LECAVALIER INC.	2,439,558
LUKENBACH, ELVIN R.	2,479,290	MONSEN, ERIK D.N.	2,480,807	ORTHOSOFT INC.	2,439,850
LUKENBACH, ELVIN R.	2,479,311	MONTGOMERY, DEREK G.	2,439,242	OSHLAJA, RISI	2,479,488
LUKENBACH, ELVIN R.	2,479,457	MOORE WALLACE NORTH AMERICA, INC.	2,479,073	OSRAM SYLVANIA INC.	2,472,949
LUKENBACH, ELVIN R.	2,480,042	MORENCY, MICHAEL D.	2,441,849	OSTERLOH, CHRISTOPHER L.	2,479,971
LUTZ, VERENA	2,479,446			OSTERLOH, CHRISTOPHER L.	2,479,977
LYMAN, SCOTT D.	2,479,975				
M. KAINDL	2,479,584				
MACASKILL, DONALD EDWARD	2,475,131				
MACBRIDE, DOUGLAS	2,479,706				
MACK TRUCKS, INC.	2,478,739				
MACK TRUCKS, INC.	2,479,635				

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	2,480,623	PRECISION DRILLING		SCOTT, JON	2,438,981
OSUGI, HIROYUKI	2,476,810	TECHNOLOGY		SCRYMGEOUR, LYLE	
OTT, BRIAN L.	2,475,197	SERVICES GROUP INC.	2,476,515	HAROLD	2,486,778
OTT, BRIAN L.	2,479,973	PRECISION DRILLING		SDS INDUSTRIES, LLC	2,479,329
OTTAWA FIBRE, INC.	2,475,484	TECHNOLOGY		SEAGER, JAMES R.	2,439,023
OTTO BOCK HEALTHCARE		SERVICES GROUP INC.	2,476,521	SECONDINO, JAMES	2,438,430
GMBH	2,439,447	PRINCE, ANDREW	2,479,321	SECURELOGIX	
OUYANG, JIANYONG	2,479,317	PROVENZANO, PAOLO PEPE	2,438,744	CORPORATION	2,438,976
OY M. HALOILA AB	2,477,997	PUHALLA, CRAIG J.	2,478,580	SENISTERRA, GUILLERMO	2,479,104
OZKOK, KERIM	2,479,496	PUHALLA, CRAIG J.	2,478,695	SEPULVEDA BARRIA, LUIS	
OZKOK, KERIM	2,479,617	PULLINS, ALAN T.	2,479,475	GUILLERMO	2,479,075
OZZIE, RAYMOND E.	2,479,612	PUSKAR, MICHAEL P.	2,478,735	SEPULVEDA TURINA,	
PACAULT, NICOLAS G.	2,472,436	QUALITY FABRICATING &		RODOLFO ENRIQUE	2,479,075
PAILHE, HORACIO ALBERTO		MACHINING LTD.	2,438,448	SERVATI, PEYMAN	2,438,363
	2,466,470	QUICK, CHRISTOPHER K.	2,477,484	SEUNG, TAEHUN	2,479,482
PAIVINEN, ERKKI	2,475,484	RADER, MATTHEW R.	2,476,471	SGL CARBON AG	2,480,576
PANASIK, CHERYL L.	2,475,643	RADFORD, MARK	2,472,499	SHAAK, TODD M.	2,478,735
PARK, TAE-HO	2,478,037	RAVENSBERGEN, JOHN	2,479,562	SHAH, CHIRIG	2,452,231
PATENT-TREUHAND-		RAWLINGS, DAVID	2,438,951	SHANOR, MICHAEL J.	2,479,475
GESELLSCHAFT FUER		REDMAN, ALAN L.	2,459,099	SHANTZ, ROGER M.	2,479,293
ELEKTRISCHE		REICHEL, KENNETH	2,477,024	SHAPIRO, LAWRENCE	2,480,374
GLUEHLAMPEN MBH	2,479,870	RESEARCH IN MOTION		SHATS, MICHAEL	2,438,629
PATENT-TREUHAND-		LIMITED	2,478,008	SHEHATA, S. RAMSIS	2,440,311
GESELLSCHAFT FUER		RICE, TREVOR	2,479,300	SHEHATA, S. RAMSIS	2,440,312
ELEKTRISCHE		RICHARD, LOUIS	2,439,558	SHEKHEL, JERRY J.	2,479,612
GLUEHLAMPEN MBH	2,479,871	RICHARDS, BOB	2,438,951	SHERMAN, BERNARD	
PATEY, ERIC M.	2,479,612	RISI, ANGELO	2,438,565	CHARLES	2,440,172
PATTERSON, CIARAN J.	2,478,770	ROHM AND HASS COMPANY		SHIMADA, NOBUHIRO	2,478,450
PEARSON, JOHN	2,479,488		2,479,317	SHIMOTOYODOME, AKIRA	2,480,139
PEARSON, TIMOTHY BRIAN	2,478,200	RONNEKLEIV, ERLEND	2,479,081	SIEMENS, WENDALL L.	2,440,779
PECK, DONALD RAY	2,478,740	RONNEKLEIV, ERLEND	2,479,245	SIEVERS, HANS-HINRICH	2,441,846
PEETERS, PETER M.H.M.	2,477,669	ROOKES, ALLAN D.	2,439,514	SIGNODE BERNPAK GMBH	2,478,200
PELLEY, DEAN M.	2,478,720	ROSENBERG, MEIR	2,479,706	SIMARD, MARTIN	2,477,526
PEREGRIN SERVICES		ROSS, MATTHEW J.	2,477,228	SIMMS, JON	2,460,761
CORPORATION	2,441,849	ROTTA RESEARCH		SIMOND, FRANCOIS	2,479,308
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PETERS, NORMAN J.	2,438,928	ROTTER, CHAD JONATHAN	2,438,766	SINCLAIR, DARYL A.	2,479,599
PETERS, VOLKER	2,480,187	ROVATI, LUCIO CLAUDIO	2,479,613	SKARZENSKI, JOSEPH	2,475,484
PEZ, GUIDO PETER	2,479,589	SAKARIYA, KAPIL	2,438,363	SMALLWOOD, JOHN	
PFLETSCHINGER, MARKUS	2,479,622	SALETTA, GARY F.	2,478,735	CLIFFORD	2,479,088
PFU LIMITED	2,459,478	SAMBANDAN, SANJIV	2,438,363	SMALLWOOD, JULIE	2,479,088
PHILLIPS, CATHERINE M.	2,478,008	SANSONE, RONALD P.	2,480,807	SMITH INTERNATIONAL,	
PHOTON CONTROL INC.	2,439,242	SANTINI, ELIZABETH WOOD	2,478,370	INC.	2,479,337
PICKENS, KEITH S.	2,438,976	SAVARD, ALAIN	2,439,548	SMITH INTERNATIONAL,	
PIERCE, JASON C.	2,480,185	SCHAFFER, MARKUS	2,479,622	INC.	2,479,554
PIKE, GORDON J.	2,439,844	SCHAUPP, BERTHOLD	2,476,469	SMITH, KIRK E.	2,438,976
PIKE, LEE M., JR.	2,479,507	SCHITTER, LEONHARD	2,479,584	SMITH, MERRILL BROOKS	2,480,353
PIKE, RYAN E.	2,479,022	SCHLUMBERGER CANADA		SNECMA MOTEURS	2,478,876
PINEXEL INC.	2,438,632	LIMITED	2,472,436	SO, ALLAN K.	2,439,023
PINOTTI, CARLOS EDUARDO		SCHLUMBERGER CANADA		SOKOLOWSKI, PIOTR	2,477,228
	2,477,910	LIMITED	2,479,478	SOLHEIM, JOHN K.	2,479,186
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DEUTSCHLAND GMBH	2,479,285	SCHMIDT, HANS-JOACHIM	2,479,870	SONOCO DEVELOPMENT,	
PITNEY BOWES		SCHMIDT, HANS-JOACHIM	2,479,871	INC.	2,477,623
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PITNEY BOWES INC.	2,480,807	SCHNEIDER, THOMAS	2,476,469	SPITZAUER, SUSANNE	2,475,073
PLASCORE, INC.	2,478,268	SCHRAA, FRANK	2,465,415	SPITZIG, ROGER	2,438,951
PLAYTEX PRODUCTS, INC.	2,479,484	SCHREINER, MARK A.	2,479,022	STAMATAS, GEORGAS	2,479,456
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PORSTMANN, BAERBEL	2,479,446	SCHWEIGERT, BRADLEY D.	2,479,449	STING, MARTIN	2,480,040
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CHARRIER, JEAN-DAMIEN	2,489,824	CUNNINGHAM, SCOTT	2,491,030	DOXA AKTIEBOLAG	2,489,836
CHASTAN, JEAN-PAUL	2,490,000	CUREVAC GMBH	2,490,983	DOXA AKTIEBOLAG	2,489,861
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CHOKSHI, DILIP	2,490,079	DAVID-ANDERSEN, BJORN	2,491,000	DUA, RAJIV	2,490,654
CHOPRA, SUMAN	2,489,955	DAVILA-APONTE, JENNIFER A.	2,490,006	DUBE, DANIEL	2,490,043
CHUDZIK, STEPHEN J.	2,490,241	DAVIS, BRIAN T.	2,490,352	DUBE, JONATHAN	2,489,891
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(SOIL) LTD	2,490,356	DIAMOND, DON J.	2,490,708	AND COMPANY	2,489,795
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EXXONMOBIL CHEMICAL PATENTS INC.	2,489,888	FOMPEYRINE, JEAN	2,489,602	GERELUK, RICKY	2,490,289
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FENSOME, ANDREW	2,489,813	FRICK, WENDELIN	2,490,572	GLOMBIK, HEINER	2,490,112
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HAFEZ, MEDI MOSTAFA	2,489,957	HERRMANN, RAFAEL	2,490,548	IIZUKA, TAKAO	2,490,071
HAGEL, MARTIN	2,489,574	HERRMANN, UWE	2,489,979	IKEDA, KEN	2,493,854
HAGIOPOL, CORNEL	2,489,385	HESS, KURT	2,489,933	IKEMOTO, TETSUYA	2,489,611
HAID, REGIS	2,489,801	HESS, KURT	2,490,019	IMAI, TOSHIO	2,489,711
HAIRSTON, PETER P.	2,490,201	HESSE, WERNER	2,489,916	IMBORDINO, RICK J.	2,489,988
HALE, RICHARD	2,490,278	HEUER, HUBERT	2,490,108	IMMUNOGEN, INC.	2,491,017
HALL, JAN	2,491,024	HEUER, HUBERT	2,490,109	INDUSTRIAL ROLL FORMERS	
HALLER, MATTHEW I.	2,491,018	HEUER, HUBERT	2,490,112	PTY LIMITED	2,490,111
HALLIBURTON ENERGY		HIGH VOLTAGE GRAPHICS,		INGREDIA	2,490,282
SERVICES, INC.	2,488,092	INC.	2,489,868	INNOVENTUS PROJECT AB	2,489,586
HALL-PUZIO, PATRICIA	2,489,955	HILPERT, HANS	2,490,152	INO, TADASHI	2,490,136
HALUSKA, SCOTT	2,490,901	HINDS, MARK	2,489,890	INOVIO AS	2,491,000
HAMADA, HIROKI	2,482,833	HINES, JOHN	2,489,385	INSTITUT FUER	
HAMAMATSU PHOTONICS K.K.		HIRATA, KEIZABUROU	2,489,566	MEDIZINTECHNOLOGIE	
	2,490,326	HIROHATA, JITSUO	2,490,333	MAGDEBURG (IMTM)	
HAMAMOTO, TAISUKE	2,490,907	HJELM, JOHAN	2,490,255	GMBH	2,490,714
HAMERSKY, MARK WILLIAM	2,489,570	HJERDE, TORGEIR	2,489,939	INSTITUT NATIONAL DE LA	
HAMERSKY, MARK WILLIAM	2,489,571	HO, CHIH YUNG	2,489,790	SANTE ET DE LA	
HAMM, JAMES E.	2,489,710	HOERR, INGMAR	2,490,983	RECHERCHE MEDICALE	2,491,040
HAMPTON, GARRET M.	2,484,153	HOFFKNECHT, MARC O.	2,490,269	INSTITUT PASTEUR	2,489,605
HANDA, PAUL Y.	2,490,247	HOLDEN DEVELOPMENT		INSTITUTE FOR SCIENTIFIC	
HANDEL, PETER	2,489,979	LIMITED	2,490,022	RESEARCH, INC.	2,490,903
HANSEN, BERND	2,489,793	HOLDEN, DAVID P.	2,490,766	INTERDIGITAL TECHNOLOGY	
HANSEN, BIRTHE		HOLICK, MICHAEL F.	2,490,190	CORPORATION	2,490,904
LYKKEGAARD	2,490,342	HOLMES, JOANNE MARY	2,490,995	INTERNATIONAL ENGINE	
HANSEN, ERLING LENNART	2,489,817	HOLMES-FARLEY, STEPHEN		INTELLECTUAL	
HARRINGTON, JULIETTE	2,490,257	RANDALL	2,490,219		

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INVITROGEN CORPORATION	2,489,725	KANNANKERIL, CHARLES	2,489,820	KOTYK, JOHN J.	2,490,285
IPR LICENSING, INC.	2,489,542	KAPPES, MARTIN	2,489,698	KOZIEL, MICHAEL G.	2,484,118
IRLE, CHRISTOPH	2,489,731	KARP, KRISS R.	2,489,875	KRAFT, LARS	2,489,823
IRM LLC	2,484,153	KARP, KRISS R.	2,490,248	KRAMER, WERNER	2,490,108
ISHIDA, YUU	2,490,896	KASHMIRI, SYED V. S.	2,490,659	KRAMER, WERNER	2,490,109
ISHII, TAKAHIRO	2,489,565	KATO, IKUO	2,491,006	KRAMER, WERNER	2,490,112
ISHIKAWA, YASUHIKO	2,489,567	KATO, TOSHIHIRO	2,489,893	KRASNER, NORMAN F.	2,489,792
ISHIKURA, YOSHIYUKI	2,491,027	KAUFMAN & ROBINSON, INC.	2,490,246	KRETZSCHMAR, MICHAEL	2,489,575
ITO, KENSUKE	2,489,719	KAUFMAN, HAROLD R.	2,490,246	KRICHTAFOVITCH, IGOR A.	2,489,983
ITO, MADOKA	2,489,854	KAUFMAN, STANLEY L.	2,490,201	KRIKORIAN, SHARI L.	2,489,729
ITO, TAKUMI	2,489,544	KAWASAKI, SHINICHI	2,489,544	KRONOS ADVANCED TECHNOLOGIES INC.	2,489,983
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IWANA, NOBUYUKI	2,489,778	KAZAMA, MASAHIRO	2,490,103	KUBICEK, BRIAN A.	2,490,503
IWASAKI, KATSUHIKO	2,490,979	KEIM, BRIAN	2,490,052	KUBOTA, MINORU	2,491,020
IWATA, MASAHIRO	2,490,888	KELLEY, KURTIS C.	2,489,953	KUBOTA, TADAHIRO	2,490,074
J.M. HUBER CORPORATION	2,492,712	KELNER, DREW N.	2,491,279	KUMAR, SUDEEP M.	2,493,905
JACKSON, THOMAS R.	2,489,725	KEMIRA OYJ	2,489,802	KUNZ, ULRIKE	2,490,095
JACKSTELL, RALF	2,490,332	KENAGY, JASON	2,491,015	KUNZLER, JAY F.	2,489,987
JACQUES, PHILIPPE	2,491,001	KENDALL, SCOTT ALLAN	2,489,713	KUNZLER, JAY F.	2,490,008
JAEGER, HANS-ULRICH	2,489,916	KERN, JEFFREY CURTIS	2,489,815	KURIYAMA, NARIAKI	2,490,074
JAEHNE, GERHARD	2,490,108	KERN, JEFFREY CURTIS	2,489,847	KUROKI, TADAO	2,490,025
JAEHNE, GERHARD	2,490,109	KETCHUM, JOHN W.	2,490,520	KUROKI, TADAO	2,490,259
JAEHNE, GERHARD	2,490,112	KEYBROOK LIMITED	2,489,871	KUROMITSU, SADA O	2,490,888
JAKOB, HARALD	2,490,095	KHAZAKA, SAMIR K.	2,491,015	KWON, SUNG-YUN	2,490,137
JANSSEN PHARMACEUTICA N.V.	2,489,790	KHORKOVA, OLGA	2,489,905	KYOWA HAKKO KOGYO CO., LTD.	2,493,854
JANSSEN PHARMACEUTICA, NV	2,490,239	KIKUCHI, KEN	2,491,020	LABONTE, DAVID	2,490,289
JARMAN, MICHAEL	2,488,834	KIM, OAK K.	2,491,074	LACHAPELLE, KEVIN	2,484,050
JARMUSZEWSKI, PERRY	2,489,837	KIM, SEHO	2,490,305	LACOMBE, PATRICK	2,490,043
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JARRY, ALAIN	2,489,602	KIRIYAMA, KOHEI	2,490,025	LACRAMPE, JEAN FERNAND ARMAND	2,489,790
JASTI, VENKATESWARLU	2,490,002	KIRIYAMA, KOHEI	2,490,259	LALIBERTE, RICHARD	2,489,891
JASTI, VENKATESWARLU	2,490,115	KIRSNER, JEFF	2,488,092	LAMBERTI S.P.A.	2,489,519
JASTI, VENKATESWARLU	2,490,254	KISSEI PHARMACEUTICAL CO., LTD.	2,490,250	LAMMERANT, FILIP	2,489,962
JAUTELAT, MANFRED	2,490,303	KISSEI PHARMACEUTICAL CO., LTD.	2,491,020	LANDSCHAFT, YUVAL SIMHA	2,490,022
JENA, AKSHAYA	2,490,264	KITZ CORPORATION	2,490,103	LANGDOWN, MARIA L.	2,490,367
JENSEN, KJELD	2,490,213	KIYONO, YUJI	2,490,250	LANGE, GERALD	2,490,140
JENSEN, MICHAEL BECH	2,490,342	KLEIN, HOLGER	2,490,332	LANGE, RALPH A.	2,494,199
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JIANG, WEIQIN	2,490,239	KLOKE, TIMOTHY M.	2,490,241	LARUELLE, CLAUDE	2,490,341
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KAGOME LABIO CO., LTD.	2,491,006	KOHARA, KAZUYUKI	2,489,565	LEANZA, ROBERTO	2,489,556
KAH, CARL L.C., JR.	2,490,998	KOJIMA, NAOYUKI	2,489,711	LEBEL, LORRAINE ANN	2,489,791
KAHN, JAMES R.	2,490,246	KOKSHAROVA, OLGA A.	2,490,004	LEBRAS, PHILIPPE	2,490,134
KAHN, THEODORE W.	2,490,548	KONDO, SHURI	2,489,719	LEBSACK, PATRICK JAMES	2,490,270
KAIGORODOV, VLADIMIR	2,490,268	KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,489,597	LECHAT, EVE MARIE LUCE	
KAJISA, LISA T.	2,490,122	KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,489,777	JACQUELINE	2,490,322
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LEE, TERRY DWIGHT	2,490,887	LUO, WENBIN	2,489,954	MATSUSHITA ELECTRIC	
LEE, WHEESEONG	2,489,560	LYNE, MICHAEL HARVEY	2,489,306	INDUSTRIAL CO., LTD.	2,489,541
LEE, YOUNG AE	2,490,120	LYNE, MICHAEL HARVEY	2,489,315	MATSUSHITA ELECTRIC	
LEFFER, HANS GEORG	2,491,021	LYTROPIC THERAPEUTICS,		INDUSTRIAL CO., LTD.	2,489,565
LEFRANC, CATHERINE	2,490,282	INC.	2,488,643	MATTAI, JAIRAJH	2,489,955
LEGGETT & PLATT,		LYTLE, STEVE	2,489,838	MATTHEWS, LINDSAY	2,490,374
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LEGROS, HERVE	2,491,001	MA, ZHENKUN	2,484,087	MATTHEWS, ROBIN	2,489,926
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LEONARDI, AMADEO	2,489,449	MAESTRI, SILVIO	2,489,995	MCBURNEY, ROBERT	2,490,522
LEVIN, JARED	2,489,729	MAGNUM MAGNETICS		MCCLURE, KELLY H.	2,491,018
LEVITT, MARK	2,490,235	CORPORATION	2,490,407	MCCONNELL, ANN ELIZABETH	
LEVY, STUART B.	2,489,943	MAGNUSSON, ANDERS	2,489,586	CATHERINE	2,490,144
LEYBACH, HOLGER	2,489,874	MAIDEN, JANICE R.	2,490,090	MCCOY, JAMES N.	2,490,403
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LI, LANNA	2,489,834	MALMBERG, JONNY	2,490,215	MCCUTCHEN, BILLY FRED	2,490,098
LI, WEISHI	2,489,954	MAN, YING TONG	2,489,837	MCCUTCHEN, BILLY FRED	2,490,548
LIAN, XIONGDONG	2,489,560	MANCHESTER TOOL		MCDONALD, EDWARD	2,488,834
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LICHTENBERGER, HEINER	2,490,901	MANEA, DANUT I.	2,489,766	MCGEE, JOHN D.	2,489,716
LIEBERMAN, KLONY	2,490,292	MANGANELLI, TONY	2,489,814	MCGEE, JOSEPH A.	2,490,894
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LINDBLOM, CURTIS H.	2,490,104	MAO, LONG	2,490,148		2,490,284
LINDEN, SEAN	2,489,894	MAOR, YANIV	2,490,292	MCKESSON INFORMATION	
LINDENBLATT, HILTRUD	2,490,735	MARCONI INTELLECTUAL		SOLUTIONS LLC	2,490,284
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LINDENSCHMIDT, ANDREAS	2,490,109	INC.	2,491,035	MCLEAN, SCOTT A.	2,489,806
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LINDQUIST, LOWELL G.	2,489,543	MARIN, CARLO	2,489,551	MD MEDICAL DIAGNOSTICS	
LINDSKOG, HELENA	2,490,255	MARKIEWICZ, EUGENE	2,490,284	INC.	2,490,065
LINZ, WOLFGANG	2,490,277	MARNFELDT, GORAN N.	2,491,018	MEADWESTVACO	
LITCHFIELD, PAUL E.	2,490,408	MARQUAGE ANTIVOL		CORPORATION	2,489,821
LIU, JIFENG	2,489,567	SHERLOCK, INC.	2,490,385	MEADWESTVACO PACKAGING	
LIU, YANMING	2,489,954	MARQUE, PIERRE-EMMANUEL	2,491,040	SYSTEMS LLC	2,489,867
LIVERSIDGE, BARRY, PETER	2,490,315	MARS, INC.	2,489,513	MEADWESTVACO PACKAGING	
LOCQUET, JEAN-PIERRE	2,489,602	MARS, INC.	2,489,859	SYSTEMS LLC	2,490,134
LODGE, PATRICIA A.	2,490,245	MARSHALL, IAN WILLIAM	2,489,901	MEDICAL INSTILL	
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LU, SHOU-FU	2,489,560	MASTERCARD		BESCHRAENKTER	
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MERCK PATENT		MURASE, HIROKI	2,490,025	NOVO NORDISK A/S	2,490,342
GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG	2,491,038	MURASE, HIROKI	2,490,259	NOWAKOWSKI, JOLANTA	2,491,029
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GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG	2,490,260	NAKAMURA, TAKESHI	2,490,321	OKAMOTO, TOSHIHIKO	2,489,566
MERCK PATENT		NAKAMURA, YASUO	2,489,718	OKITA, TAKAAKI	2,490,626
GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG	2,490,260	NAKAO, YOSHIKO	2,489,719	OKUYAMA, YUKINARI	2,490,025
MERCK PATENT		NAKASHIMA, TAKUJI	2,489,854	OKUYAMA, YUKINARI	2,490,259
GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG	2,490,260	NAKATANI, MASARU	2,489,996	OLIFF, JAMES R.	2,489,867
MERCK PATENT		NAKAYAMA, YOSHIKAZU	2,490,074	OLIVERA, MARK	2,489,984
GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG	2,490,260	NANDY, ANDREAS	2,491,038	OLIVIER, SEGOLENE	2,490,287
MERCK PATENT		NANTERO, INC.	2,489,827	OLSSON, LENNART	2,490,215
GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG	2,490,260	NAPO, ROBERT	2,489,808	OMEROS CORPORATION	2,490,386
MERCK PATENT		NARUI, SHINICHIRO	2,489,616	O'NAN, GLENN S.	2,489,538
GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG	2,490,260	NATTERER, HANS	2,490,070	O'NAN, GLENN S.	2,489,539
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MERCK PATENT		NESTEC S.A.	2,489,553	O'SHAUGHNESSY, MICHAEL	2,491,026
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MERCK PATENT		NIPPON SUISAN KAISHA, LTD.	2,490,626	OZER, NISSIM	2,490,410
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STUDIENGESELLSCHAFT KOHLE MBH	2,489,975	TEIFEL, MICHAEL	2,489,555	THE UNIVERSITY OF QUEENSLAND	2,490,261
STULL TECHNOLOGIES	2,490,350	TEIJIN TWARON B.V.	2,490,146	THIBAUT, DENIS	2,490,256
STULL, GENE	2,490,350	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)	2,490,255	THIELERT, HOLGER	2,490,267
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SUCK, ROLAND	2,491,038	TELES, JOAQUIM, HENRIQUE	2,489,765	THOMAS, GEORGE S.	2,489,913
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SURMODICS, INC.	2,490,241	THE GATES CORPORATION	2,490,279	T-MOBILE DEUTSCHLAND GMBH	2,491,014
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SUZUKI, TOSHIFUMI	2,490,074	THE PROCTER & GAMBLE COMPANY	2,488,405	TOMI, KOICHI	2,489,719
SWAFFORD, STEVE	2,490,110	THE PROCTER & GAMBLE COMPANY	2,489,570	TONG, NELSON PAO CHUNG	2,489,887
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UNILEVER PLC	2,490,312	WANG, JIAO	2,490,092	WON, SEOK JOON	2,490,120
UNILEVER PLC	2,490,995	WANG, MIN	2,489,905	WONG, JAMES F. H.	2,490,548
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