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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.

Table of Contents

Table des matières

Notices	
Avis	1
Canadian Patents Issued	
Brevets canadiens délivrés	11
Canadian Applications Open to Public Inspection	
Demandes canadiennes mises à la disponibilité du public	47
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale	75
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	129
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés	133
Index of Canadian Applications Open to Public Inspection	
Index des demandes canadiennes mises à la disponibilité du public	141
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale	147
Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection	
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	157

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

Avis

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

Dates

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

Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la 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

Avis

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.

Notices

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

2,218,169
2,438,966
2,440,614

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Octroi de licences en vertu des brevets

Licences librement accordées

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

Licences obligatoires

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

7. Brevets disponibles pour licence ou vente

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

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

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

2,218,169
2,438,966
2,440,614

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

Notices

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

Avis

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 December 14, 2004 contains applications open to public inspection from November 21, 2004 to November 27, 2004

14. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 21 novembre 2004 au 27 novembre 2004

Avis

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[72] HJALTASON, DANIEL THORGEIR, IS
[73] NOVAMEDIA, LP, US
[85] 1994-03-18
[86] 1992-09-29 (PCT/US1992/008309)
[87] (WO1993/007605)
[30] US (770,996) 1991-10-01

[11] **2,122,066**
[13] C

[51] **Int.Cl. 5A61F 2/46**
[25] EN
[54] **ABSORBABLE MEDULLARY PLUG**
[54] **BROCHE MEDULLAIRE ABSORBABLE**
[72] WILSON, STEPHEN, US
[72] ROGERS, LAUREL, US
[72] RITCHIE, ALLAN, GB
[73] JOHNSON & JOHNSON PROFESSIONAL, INC., US
[22] 1994-04-25
[30] US (08/053,833) 1993-04-27

[11] **2,124,834**
[13] C

[51] **Int.Cl. 5C08K 3/22 5C08L 29/14 5C08K 3/30**
[25] EN
[54] **POLYMERIC ACETALS RESISTANT TO MINERAL DEPOSITION**
[54] **ACETALS POLYMERIQUES RESISTANTS AUX DEPOTS DE MINERAUX**
[72] MULHOLLAND, BRUCE M., US
[73] HOECHST CELANESE CORPORATION, US
[85] 1994-05-31
[86] 1992-12-04 (PCT/US1992/010456)
[87] (WO1993/013166)
[30] US (07/812,594) 1991-12-23

[11] **2,125,796**
[13] C

[51] **Int.Cl. 5A47L 11/40**
[25] EN
[54] **VACUUM BUFFER**
[54] **POLISSEUSE A SYSTEME D'ASPIRATION DES POUSSIÈRES**
[72] FIELDS, WILLIAM A., US
[73] SURTEC SYSTEM, US
[22] 1994-06-14
[30] US (08/123,409) 1993-09-17

[11] **2,127,416**
[13] C

[51] **Int.Cl. 5B05D 3/06 5B41M 7/00**
[25] EN
[54] **METHOD AND APPARATUS FOR APPLYING RADIATION CURABLE INKS IN A FLEXOGRAPHIC PRINTING SYSTEM**
[54] **METHODE ET DISPOSITIF D'APPLICATION D'ENCRE D'URCISSABLES AU RAYONNEMENT DANS UN SYSTEME D'IMPRESSION FLEXOGRAPHIQUE**
[72] LOVIN, JOSEPH R., US
[72] KELLER, LEE W., US
[73] CRYOVAC, INC., US
[22] 1994-07-05
[30] US (187,948) 1994-01-27

[11] **2,128,981**
[13] C

[51] **Int.Cl. 5C23C 14/54**
[25] EN
[54] **METHOD OF AN APPARATUS FOR SPUTTERING**
[54] **PROCEDE ET DISPOSITIF DE PULVERISATION CATHODIQUE**
[72] SHIMIZU, JUNICHI, JP
[72] WATANABE, SHUJIRO, JP
[72] TAKAKI, SATORU, JP
[72] OSAKI, HISASHI, JP
[72] OYAMA, TAKUJI, JP
[72] ANDO, EIICHI, JP
[73] ASAHI GLASS COMPANY LTD., JP
[22] 1994-07-27
[30] JP (205704/1993) 1993-07-28

[11] **2,129,090**
[13] C

[51] **Int.Cl. 5G06K 15/00**
[25] EN
[54] **APPARATUS AND METHOD FOR SCREENING IMAGES FOR REPRODUCTION**
[54] **APPAREIL ET METHODE DE FILTRAGE D'IMAGES POUR LA REPRODUCTION**
[72] GERSHONY, MOSHE, IL
[72] FISHER, GIL, IL
[73] CREO IL. LTD., IL
[22] 1994-07-28
[30] IL (106,514) 1993-07-28

[11] **2,129,654**
[13] C

[51] **Int.Cl. 5B28D 1/04**
[25] EN
[54] **METHOD AND APPARATUS FOR CUTTING WET CONCRETE**
[54] **METHODE ET MACHINE POUR COUPER LE BETON HUMIDE**
[72] CHIUMINATTA, EDWARD R., US
[72] CHIUMINATTA, ALAN RAY, US
[73] SOFF-CUT INTERNATIONAL, INC., US
[85] 1994-08-05
[86] 1993-02-12 (PCT/US1993/001299)
[87] (WO1993/015891)
[30] US (07/837,248) 1992-02-14

[11] **2,132,019**
[13] C

[51] **Int.Cl. 5A63F 3/06 5G07C 15/00 5G07F 7/02 5G07F 7/08**
[25] EN
[54] **COINLESS SLOT MACHINE SYSTEM AND METHOD**
[54] **SYSTEME D'APPAREIL DE JEU FONCTIONNANT SANS PIECES, ET METHODE CONNEXE**
[72] BURNS, JAMES G., US
[72] MAXEY, ROBERT R., US
[73] MGM GRAND, INC., US
[85] 1994-09-13
[86] 1994-01-21 (PCT/US1994/000457)
[87] (WO1994/016781)
[30] US (08/007,742) 1993-01-22

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[11] **2,132,917**
[13] C
[51] **Int.Cl. 5A61B 17/11**
[25] EN
[54] **CIRCULAR ANASTOMOSIS DEVICE**
[54] **DISPOSITIF CIRCULAIRE POUR ANASTOMOSE**
[72] ROBERTSON, JOHN CHARLES, US
[72] VIOLA, FRANK J., US
[73] UNITED STATES SURGICAL CORPORATION, US
[22] 1994-09-26
[30] US (08/133,485) 1993-10-07

[11] **2,132,946**
[13] C
[51] **Int.Cl. 5F17C 7/04**
[25] EN
[54] **IMPROVED STORAGE SYSTEM FOR CRYOGENIC FLUIDS**
[54] **SYSTEME D'ENTREPOSAGE DES LIQUIDES CRYOGENIQUES**
[72] GUSTAFSON, KEITH W., US
[73] MINNESOTA VALLEY ENGINEERING, INC., US
[22] 1994-09-26
[30] US (127,330) 1993-09-27

[11] **2,133,474**
[13] C
[51] **Int.Cl. 5F16B 21/16**
[25] EN
[54] **AXIAL LOCKING DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE AXIAL**
[72] BARNES, AUSTEN BERNARD, CA
[72] BARNES, AUSTEN BERNARD, CA
[73] BARNES, AUSTEN BERNARD, CA
[73] BARNES, AUSTEN BERNARD, CA
[85] 1994-09-30
[86] 1993-04-02 (PCT/GB1993/000674)
[87] (WO1993/020357)
[30] GB (9207258.6) 1992-04-02

[11] **2,136,075**
[13] C
[51] **Int.Cl. 5C07D 401/12 5C07D 453/02 5C07D 487/04 5C07D 471/08 5C07D 403/12 5C07D 417/12 5A61K 31/425 5A61K 31/435 5A61K 31/495**
[25] EN
[54] **HETEROCYCLIC ETHER COMPOUNDS THAT ENHANCE COGNITIVE FUNCTION**
[54] **COMPOSES D'ETHER HETEROCYCLIQUES STIMULANT LA FONCTION COGNITIVE**
[72] ABREO, MELWYN A., US
[72] GUNN, DAVID E., US
[72] LIN, NAN-HORNG, US
[72] ELLIOTT, RICHARD L., US
[72] GARVEY, DAVID S., US
[72] LEBOLD, SUZANNE A., US
[72] WASICAK, JAMES T., US
[73] ABBOTT LABORATORIES, US
[85] 1994-11-17
[86] 1993-10-08 (PCT/US1993/009662)
[87] (WO1994/008992)
[30] US (07/959,005) 1992-10-09

[11] **2,136,117**
[13] C
[51] **Int.Cl. 5B60N 2/30 5B60N 2/46**
[25] EN
[54] **INERTIA HINGE FOR SEATBACK AND ARMREST**
[54] **CHARNIERE A INERTIE POUR DOSSIER ET ACCOUDOIR DE SIEGE**
[72] WHALEN, JOHN F., US
[73] FISHER DYNAMICS CORPORATION, US
[22] 1994-11-18
[30] US (188,916) 1994-01-31

[11] **2,145,201**
[13] C
[51] **Int.Cl. 6C01B 39/20**
[25] EN
[54] **PROCESS FOR PREPARING AMMONIUM ZEOLITES OF LOW ALKALI METAL CONTENT**
[54] **METHODE DE PREPARATION DE ZEOLITES D'AMMONIUM A FAIBLE TENEUR EN METAUX ALCALINS**
[72] COOPER, DAVID A., US
[73] PQ CORPORATION, US
[85] 1995-03-21
[86] 1994-07-20 (PCT/US1994/008181)
[87] (WO1995/003248)
[30] US (08/094,737) 1993-07-22

[11] **2,146,320**
[13] C
[51] **Int.Cl. 6C12Q 1/68 6C07H 21/00 6A61K 48/00 6A61K 31/70 6C12Q 1/70**
[25] EN
[54] **ANTISENSE OLIGONUCLEOTIDE INHIBITION OF THE RAS GENE**
[54] **INHIBITION DE L'OLIGONUCLEOTIDE ANTISENS DU GENE RAS**
[72] MONIA, BRETT P., US
[72] FREIER, SUSAN M, US
[72] ECKER, DAVID J., US
[72] KAWASAKI, ANDREW M., US
[72] COOK, PHILIP DAN, US
[73] ISIS PHARMACEUTICALS, INC., US
[85] 1995-04-04
[86] 1993-10-01 (PCT/US1993/009346)
[87] (WO1994/008003)
[30] US (07/958,134) 1992-10-05
[30] US (08/007,996) 1993-01-21

[11] **2,146,322**
[13] C
[51] **Int.Cl. 6C10L 1/22 6C10M 167/00 6C10M 133/04 6C10L 1/14 6C10M 159/16**
[25] EN
[54] **OLEAGINOUS COMPOSITIONS**
[54] **COMPOSITIONS OLEAGINEUSES**
[72] JACKSON, GRAHAM, GB
[72] KENWARD, RACHEL EVELYN MARY, GB
[72] BROOKE, BARBARA CATHERINE, GB
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 1995-04-04
[86] 1993-10-05 (PCT/EP1993/002739)
[87] (WO1994/007842)
[30] GB (9220876.8) 1992-10-05

[11] **2,148,027**
[13] C
[51] **Int.Cl. 6A22C 17/08**
[25] EN
[54] **CARCASS CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE DE CARCASSES**
[72] KARUBIAN, RALPH K., US
[72] LEAMEN, JOHN A., US
[73] KENTMASTER MFG. CO., INC., US
[22] 1995-04-27
[30] US (8/234684) 1994-04-28
[30] US (8/378534) 1995-01-25
[30] US (8/416,036) 1995-04-03

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[11] **2,148,079**
[13] C

[51] **Int.Cl. 6C07C 11/02 6F25J 3/08 6C07C 7/09**
[25] EN
[54] **PROCESS FOR RECOVERING OLEFINS FROM CAT-CRACKED GAS WITHOUT ACCUMULATING UNDESIRABLE OXIDES OF NITROGEN**
[54] **PROCEDE POUR RECUPERER DES OLEFINES A PARTIR DE GAZ DE CRAQUAGE CATALYTIQUE, SANS ACCUMULATION D'OXYDES D'AZOTE INDESIRABLES**
[72] GRENOBLE, DANE CLARK, US
[72] HALLE, ROY THOMAS, US
[72] THOMSON, WILLIAM DOUGLAS, GB
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 1995-04-27
[86] 1993-10-28 (PCT/US1993/010319)
[87] (WO1994/010265)
[30] US (967,835) 1992-10-28

[11] **2,151,993**
[13] C

[51] **Int.Cl. 6E01B 35/00 6G01L 1/00 6G01L 5/00 6G01L 1/10 6G01L 5/20**
[25] EN
[54] **METHOD FOR CONTINUOUSLY MEASURING THE LATERAL RESISTANCE OF A TRACK**
[54] **METHODE POUR MESURER EN CONTINU LA RESISTANCE LATERALE D'UN RAIL**
[72] THEURER, JOSEF, AT
[72] LICHTBERGER, BERNHARD, AT
[73] FRANZ PLASER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., AT
[22] 1995-06-16
[30] AT (A 1203/94) 1994-06-17

[11] **2,152,084**
[13] C

[51] **Int.Cl. 6E01C 19/10**
[25] EN
[54] **ASPHALT DRUM MIXER WITH TEMPERATURE CONTROL**
[54] **POSTE D'ENROBAGE A TAMBOUR MUNI D'UN REGULATEUR DE TEMPERATURE, POUR LA PRODUCTION DE BETON BITUMINEUX**
[72] KEYLON, GARY R., US
[72] MAY, JAMES G., US
[73] ASTEC INDUSTRIES, INC., US
[85] 1995-06-16
[86] 1993-03-15 (PCT/US1993/002453)
[87] (WO1994/016146)
[30] US (000,978) 1993-01-06

[11] **2,152,241**
[13] C

[51] **Int.Cl. 6C22C 7/00 6H01J 7/10 6H01J 9/395**
[25] EN
[54] **COMBINATION OF MATERIALS FOR MERCURY-DISPENSING DEVICES, METHOD OF PREPARATION AND DEVICES THUS OBTAINED**
[54] **COMBINAISON DE MATERIAUX DESTINEE A DES DISTRIBUTEURS DE MERCURE, METHODE DE PREPARATION ET DISTRIBUTEURS AINSI OBTENUS**
[72] SCHIABEL, ANTONIO, IT
[72] BOFFITO, CLAUDIO, IT
[73] SAES GETTERS S.P.A., IT
[22] 1995-06-20
[30] IT (MI94A001416) 1994-07-07

[11] **2,152,473**
[13] C

[51] **Int.Cl. 6A62D 3/00**
[25] EN
[54] **PROCESS FOR THE CHEMICAL DECOMPOSITION OF HALOGENATED ORGANIC COMPOUNDS**
[54] **METHODE POUR LA DECOMPOSITION CHIMIQUE DE COMPOSES ORGANIQUES HALOGENES**
[72] TUMIATTI, WANDER, IT
[73] SEA MARCONI TECHNOLOGIES DI WANDER TUMIATTI S.A.S., IT
[85] 1995-06-22
[86] 1993-12-20 (PCT/EP1993/003609)
[87] (WO1994/014504)
[30] IT (MI92A002961) 1992-12-24

[11] **2,152,625**
[13] C

[51] **Int.Cl. 6H02M 7/527**
[25] EN
[54] **CLOSED LOOP PULSE WIDTH MODULATOR INVERTER WITH VOLT-SECONDS FEEDBACK CONTROL**
[54] **INVERSEUR A MODULATEUR D'IMPULSIONS EN DUREE EN BOUCLE FERMEE COMMANDE PAR RETROACTION**
[72] GARCES, LUIS J., US
[72] SEMBER, JAMES W., US
[73] SQUARE D. COMPANY, US
[85] 1995-06-06
[86] 1993-12-06 (PCT/US1993/011848)
[87] (WO1994/014233)
[30] US (07/987,498) 1992-12-07

[11] **2,153,539**
[13] C

[51] **Int.Cl. 6B02C 18/40 6B02C 23/36**
[25] EN
[54] **INTEGRATED DIVERTER AND WASTE MACERATOR**
[54] **DERIVEUR ET DECHIQUETEUR INTEGRES**
[72] CHAMBERS, JOSEPH W., SR., US
[72] FENNESSY, CRAIG J., US
[72] SABOL, ROBERT T., US
[73] JWC ENVIRONMENTAL, US
[22] 1995-07-10
[30] US (08/314,781) 1994-09-29

[11] **2,154,170**
[13] C

[51] **Int.Cl. 6C12N 9/96 6C07K 14/00 6C07K 16/00 6C07D 277/16 6C07D 207/36 6C07D 209/46 6C08G 65/48 6C07D 277/70**
[25] EN
[54] **CYCLIC IMIDE THIONE ACTIVATED POLYALKYLENE OXIDES**
[54] **OXYDES DE POLYALKYLENE ACTIVEES PAR UNE IMIDETHIONE CYCLIQUE**
[72] GREENWALD, RICHARD B., US
[72] MARTINEZ, ANTHONY J., US
[73] ENZON, INC., US
[85] 1995-07-18
[86] 1994-01-18 (PCT/US1994/000578)
[87] (WO1994/017039)
[30] US (08/006,247) 1993-01-19

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[11] 2,154,551
[13] C

[51] Int.Cl. 6A63C 1/30
[25] EN
[54] **BLADE OF AN ICE SKATE
LAME DE PATIN A GLACE**
[72] SWANDE, JERKER, SE
[73] OREBROSKENAN AKTIEBOLAG, SE
[85] 1995-07-24
[86] 1994-01-28 (PCT/SE1994/000068)
[87] (WO1994/016782)
[30] SE (9300293-9) 1993-01-29

[11] 2,156,644
[13] C

[51] Int.Cl. 6C25D 5/08 6C25D 11/00
[25] EN
[54] **METHOD AND APPARATUS FOR
CONTINUOUS GALVANIC OR
CHEMICAL APPLICATION OF
METALLIC LAYERS ON A BODY**
[54] **METHODE DE DEPOSITION
CHIMIQUE OU GALVANIQUE, EN
CONTINU, DE FILMS METALLIQUES
SUR UN SUBJECTILE, ET APPAREIL
CONNEXE**
[72] VON HOFMANN, TIMM, DE
[73] METALLGLANZ GESELLSCHAFT
FUER ENTGRATUNG UND
OBERFLAECHENTECHNIK MBH, DE
[22] 1995-08-22
[30] DE (P 44 30 652.0-42) 1994-08-29

[11] 2,158,320
[13] C

[51] Int.Cl. 6E01B 29/42 6E01B 31/02
6E01B 27/17
[25] EN
[54] **TRACK MAINTENANCE
MACHINE**
[54] **MACHINE POUR L'ENTRETIEN
DE VOIES FERREES**
[72] THEURER, JOSEF, AT
[72] PEITL, FRIEDRICH, AT
[73] FRANZ PLASSER
BAHNBAUMASCHINEN-
INDUSTRIEGESELLSCHAFT M.B.H., AT
[22] 1995-09-14
[30] AT (A 1765/94) 1994-09-15

[11] 2,159,504
[13] C

[51] Int.Cl. 6F01N 3/20
[25] EN
[54] **EMISSION CONTROL DEVICE
AND METHOD**
[54] **DISPOSITIF DE REDUCTION DES
EMANATIONS ET METHODE
CONNEXE**
[72] MASTERS, BEN F., US
[72] SELF, JAMES M. (DECEASED), US
[73] UNLIMITED TECHNOLOGIES, INC.,
US
[85] 1995-09-28
[86] 1994-03-25 (PCT/US1994/003284)
[87] (WO1994/023185)
[30] US (08/038,475) 1993-03-29
[30] US (08/209,922) 1994-03-17

[11] 2,159,739
[13] C

[51] Int.Cl. 6A61L 27/00
[25] FR
[54] **COMPOSITION POUR BIO-
MATERIAU; PROCEDE DE
PREPARATION**
[54] **BIOMATERIAL COMPOSITION
AND METHOD FOR PREPARING SAME**
[72] DACULSI, GUY, FR
[72] WEISS, PIERRE, FR
[72] DELECRIN, JOEL, FR
[72] GRIMANDI, GAEL, FR
[72] PASSUTI, NORBERT, FR
[72] GUERIN, FRANCOIS, FR
[73] CENTRE NATIONALE DE LA
RECHERCHE SCIENTIFIQUE (C.N.R.S.),
FR
[85] 1995-10-02
[86] 1995-02-08 (PCT/FR1995/000150)
[87] (WO1995/021634)
[30] FR (94 01414) 1994-02-08

[11] 2,160,586
[13] C

[51] Int.Cl. 6B67D 5/62
[25] EN
[54] **BOTTLED WATER STATION
WITH REMOVABLE RESERVOIR AND
MANIFOLDED SUPPORT PLATFORM**
[54] **POSTE DE DISTRIBUTION D'EAU
EN BOUTEILLE A RESERVOIR
AMOVIBLE ET PLATEFORME DE
SUPPORT A TUBULURE**
[72] BURROWS, BRUCE D., US
[73] OASIS CORPORATION, US
[85] 1995-10-13
[86] 1995-02-16 (PCT/US1995/002062)
[87] (WO1995/023115)
[30] US (08/202,722) 1994-02-28

[11] 2,162,268
[13] C

[51] Int.Cl. 6A01N 43/80 6A01N 25/04
[25] EN
[54] **STABLE AQUEOUS
FORMULATION OF
BENZISOTHIAZOLIN-3-ONE AND
XANTHAN GUM**
[54] **FORMULATION AQUEUSE
STABLE DE BENZISOTHIAZOLIN-3-
ONE ET DE GOMME XANTHANE**
[72] PAYNE, JOHN DAVID, GB
[73] ARCH UK BIOCIDES LIMITED, GB
[85] 1995-11-06
[86] 1994-05-27 (PCT/GB1994/001155)
[87] (WO1995/000019)
[30] GB (9312645.6) 1993-06-18

[11] 2,162,367
[13] C

[51] Int.Cl. 6H04N 5/913
[25] EN
[54] **VIDEO COPY PROTECTION
PROCESS ENHANCEMENT TO
INTRODUCE HORIZONTAL AND
VERTICAL PICTURE DISTORTIONS**
[54] **METHODE AMELIOREE DE
PROTECTION DES
ENREGISTREMENTS VIDEO CONTRE
LES DUPLICATIONS QUI INTRODUIT
DES DISTORSIONS HORIZONTALES
ET VERTICALES DANS LES IMAGES**
[72] WONFOR, PETER J., US
[72] KNOX, ALISTAIR J., GB
[72] CORCORAN, JEREMY J., GB
[72] RYAN, JOHN O., US
[72] QUAN, RONALD, US
[73] MACROVISION CORPORATION, US
[85] 1995-11-07
[86] 1994-05-09 (PCT/US1994/005088)
[87] (WO1994/027406)
[30] US (062,866) 1993-05-17

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[11] **2,162,680**
[13] C

[51] **Int.Cl. 6B01D 29/11 6B01D 29/66 6B01D 29/82**
[25] EN
[54] **FILTER FOR THE SEPARATION OF SOLIDS AND LIQUIDS FROM MUDS AND SPECIFICALLY THOSE FROM INDUSTRIAL PROCESSING**
[54] **FILTRE UTILISE POUR SEPARER LES SOLIDES ET LES LIQUIDES DES BOUES, NOTAMMENT DANS L'INDUSTRIE DU TRAITEMENT**
[72] DI LEO, VINCENZO, IT
[73] IDEE & PRODOTTI S.R.L., IT
[85] 1995-11-10
[86] 1994-05-11 (PCT/EP1994/001519)
[87] (WO1994/026386)
[30] IT (M193A000951) 1993-05-11

[11] **2,167,119**
[13] C

[51] **Int.Cl. 6G01R 33/44**
[25] EN
[54] **DETECTION AND SORTING OF MATERIALS**
[54] **DETECTION ET TRI DE MATERIAUX**
[72] TAPPER, ULF ANDERS STAFFAN, ZA
[72] MULLER, DETLEF R., DE
[72] HIGH, GRANT LYSLE, ZA
[72] OVER, GEORGE WILLIAM, ZA
[72] HOFER, PETER, DE
[73] ELEMENT SIX (PTY) LTD., ZA
[22] 1996-01-12
[30] ZA (95/0253) 1995-01-13
[30] ZA (95/0468) 1995-01-20

[11] **2,172,967**
[13] C

[51] **Int.Cl. 6B01F 3/04 6D21C 9/10 6B01F 7/16**
[25] EN
[54] **METHOD AND DEVICE FOR MIXING OF A FLUID INTO A PULP-SUSPENSION**
[54] **PROCEDE ET DISPOSITIF SERVANT A MELANGER UN FLUIDE A UNE SUSPENSION DE PATE**
[72] JANSSON, ULF, SE
[72] NYSTROM, PER, US
[72] EKHOLM, ROLF, SE
[73] KVAERNER PULPING AKTIEBOLAG, SE
[85] 1996-03-28
[86] 1994-10-04 (PCT/SE1994/000923)
[87] (WO1995/010350)
[30] SE (9303353-8) 1993-10-13

[11] **2,166,109**
[13] C

[51] **Int.Cl. 6A61K 47/28 6A61K 38/00 6A61K 47/12 6A61K 9/14 6A61K 47/24 6A61K 47/26 6A61K 47/40 6A61K 9/72**
[25] EN
[54] **COMPOSITIONS FOR INHALATION**
[54] **COMPOSITIONS POUR INHALATION**
[72] BACKSTROM, KJELL GORAN ERIK, SE
[72] DAHLBACK, CARL MAGNUS OLOF, SE
[72] EDMAN, PETER, SE
[72] JOHANSSON, ANN CHARLOTTE BIRGIT, SE
[73] ASTRA AKTIEBOLAG, SE
[85] 1995-12-22
[86] 1994-06-23 (PCT/SE1994/000634)
[87] (WO1995/000128)
[30] SE (9302198-8) 1993-06-24
[30] SE (9400371-2) 1994-02-04

[11] **2,168,114**
[13] C

[51] **Int.Cl. 6C12Q 1/04 6C12Q 1/34**
[25] FR
[54] **PROCEDE D'IDENTIFICATION DE MICROORGANISMES AVEC AU MOINS DEUX CHROMOGENES**
[54] **PROCESS FOR IDENTIFYING MICROORGANISMS WITH AT LEAST TWO CHROMOGENS**
[72] RAMBACH, ALAIN, FR
[73] RAMBACH, ALAIN, FR
[85] 1996-01-25
[86] 1994-07-28 (PCT/FR1994/000958)
[87] (WO1995/004157)
[30] FR (93/09294) 1993-07-28

[11] **2,173,942**
[13] C

[51] **Int.Cl. 6H04Q 11/02 6H04B 10/20 6H04Q 3/52**
[25] EN
[54] **A CROSS-CONNECT FOR AN OPTICAL NETWORK**
[54] **SYSTEME D'INTERCONNEXION POUR RESEAU OPTIQUE**
[72] MCGUIRE, ALAN, GB
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 1996-04-11
[86] 1994-10-24 (PCT/GB1994/002330)
[87] (WO1995/013687)
[30] EP (93308884.1) 1993-11-08
[30] GB (9406208.0) 1994-03-29

[11] **2,169,355**
[13] C

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6C07K 14/435 6C07K 14/47**
[25] EN
[54] **TUMOR SUPPRESSOR PROTEIN PRB2, RELATED GENE PRODUCTS, AND DNA ENCODING THEREFOR**
[54] **PROTEINE PRB2, AGENT DE SUPPRESSION DE TUMEURS; PRODUITS GENIQUES CONNEXES ET ADN CODANT CES ELEMENTS**
[72] GIORDANO, ANTONIO, US
[73] GIORDANO, ANTONIO, US
[85] 1996-02-12
[86] 1994-08-12 (PCT/US1994/009293)
[87] (WO1995/005470)
[30] US (106,493) 1993-08-12

[11] **2,174,091**
[13] C

[51] **Int.Cl. 6F16K 3/34**
[25] EN
[54] **FLOW CONTROL VALVE WITH ENHANCED FLOW CONTROL PISTON**
[54] **SOUPAPE DE REGULATION DE L'ECOULEMENT AVEC PISTON DE REGULATION DE L'ECOULEMENT AMELIORE**
[72] GOLESTAN, FARHAD, US
[72] TRANTHAM, JOHN MICHAEL, US
[73] FLOW DESIGN, INC., US
[85] 1996-04-12
[86] 1994-10-05 (PCT/US1994/011308)
[87] (WO1995/012154)
[30] US (143,308) 1993-10-26

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[11] 2,174,541
[13] C

[51] Int.Cl. 6B01J 20/02 6B01J 20/20
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[25] EN
[54] **ACTIVATED CARBON OXYGEN ABSORBER**
[54] **ABSORBEUR D'OXYGENE DE CARBONE ACTIVE**
[72] MCKEDY, GEORGE EDWARD, US
[73] MULTISORB TECHNOLOGIES, INC., US
[85] 1996-04-18
[86] 1994-11-07 (PCT/US1994/012879)
[87] (WO1995/013135)
[30] US (08/150,617) 1993-11-10
[30] US (08/328,081) 1994-10-27

[11] 2,175,674
[13] C

[51] Int.Cl. 6E02D 5/80
[25] EN
[54] **IMPROVEMENTS IN GROUND ANCHORS**
[54] **AMELIORATIONS APPORTEES A DES TIRANTS D'ANCRAGE**
[72] AGG, CHARLES SIMON JAMES, GB
[73] PLATIPUS ANCHORS LIMITED, GB
[85] 1996-05-02
[86] 1994-05-18 (PCT/GB1994/001065)
[87] (WO1995/012712)
[30] GB (9322640.5) 1993-11-03

[11] 2,180,138
[13] C

[51] Int.Cl. 6A61B 10/00 6A61B 5/14
[25] EN
[54] **SAMPLE COLLECTION**
[54] **COLLECTE D'ECHANTILLONS**
[72] SAHATJIAN, RONALD A., US
[73] BOSTON SCIENTIFIC CORPORATION, US
[85] 1996-06-27
[86] 1994-12-22 (PCT/US1994/014790)
[87] (WO1995/017849)
[30] US (08/175,949) 1993-12-30
[30] US (08/175,791) 1993-12-30

[11] 2,180,555
[13] C

[51] Int.Cl. 6C07K 14/47 6A61K 51/08
[25] EN
[54] **RADIOLABELED ANNEXINS**
[54] **ANNEXINES MARQUEES**
ISOTOPIQUEMENT
[72] KASINA, SUDHAKAR, US
[72] RENO, JOHN M., US
[72] TAIT, JONATHAN, US
[73] UNIVERSITY OF WASHINGTON, US
[73] NEORX CORPORATION, US
[85] 1996-07-04
[86] 1995-01-23 (PCT/US1995/000953)
[87] (WO1995/019791)
[30] US (08/185,660) 1994-01-24

[11] 2,180,867
[13] C

[51] Int.Cl. 6C07H 21/00 6C07F 9/547
[25] EN
[54] **MONOMERIC DIOLS AND PHOSPHATE LINKED OLIGOMERS FORMED THEREFROM**
[54] **DIOLS MONOMERES ET OLIGOMERES A LIAISON PHOSPHATE FORMES A PARTIR DE CES DERNIERS**
[72] COOK, PHILLIP DAN, US
[72] ACEVEDO, OSCAR L., US
[72] DAVIS, PETER W., US
[72] ECKER, DAVID J., US
[72] HEBERT, NORMAND, US
[73] ISIS PHARMACEUTICALS, INC., US
[85] 1996-07-09
[86] 1995-01-11 (PCT/US1995/000449)
[87] (WO1995/018820)
[30] US (08/179,970) 1994-01-11

[11] 2,181,450
[13] C

[51] Int.Cl. 6B62B 3/14
[25] EN
[54] **BUMPER ARRANGEMENT FOR NESTABLE CARTS**
[54] **SYSTEME DE BUTEE POUR CHARIOTS EMBOITABLES**
[72] CHIV, LIM, US
[73] REHRIG INTERNATIONAL INC., US
[85] 1996-07-17
[86] 1995-01-13 (PCT/US1995/000210)
[87] (WO1995/019286)
[30] US (08/182,398) 1994-01-18

[11] 2,183,026
[13] C

[51] Int.Cl. 6B23B 51/00
[25] EN
[54] **DRILL BIT WITH DEBRIS CONVEYING FLUTE**
[54] **FORET A CANNELURE D'ENTRAINEMENT DES DEBRIS**
[72] RESENDEZ, MICHAEL R., US
[72] MASON, JAMES B., US
[73] BLACK & DECKER INC., US
[22] 1996-08-09
[30] US (08/513,372) 1995-08-10

[11] 2,183,219
[13] C

[51] Int.Cl. 6B65D 39/04 6B65D 39/18
[25] EN
[54] **A LAMINATED RUBBER STOPPER**
[54] **BUTEE EN CAOUTCHOUC STRATIFIE**
[72] SUDO, MORIHIRO, JP
[73] DAIKYO SEIKO, LTD., JP
[22] 1996-08-13

[11] 2,185,125
[13] C

[51] Int.Cl. 6F02P 15/00 6H03K 17/10 6H03K 17/12 6H03K 17/56 6H01L 29/74
[25] EN
[54] **A TURBINE ENGINE IGNITION EXCITER CIRCUIT**
[54] **CIRCUIT D'EXCITATION D'ALLUMAGE DE MOTEUR A TURBINE**
[72] WILMOT, THEODORE STEVEN, US
[72] DRISCOLL, JOHN CUERVO, US
[72] KEMPINSKI, STEVE JOHN, US
[73] COOPER AUTOMOTIVE PRODUCTS, INC., US
[85] 1996-09-09
[86] 1995-03-09 (PCT/US1995/003078)
[87] (WO1995/024554)
[30] US (08/207,717) 1994-03-09

[11] 2,187,702
[13] C

[51] Int.Cl. 6H01R 13/639
[25] EN
[54] **SLIDING TRIGGER LOCK**
[54] **MECANISME DE VERROUILLAGE A DETENTE ET ELEMENT COULISSANT**
[72] JONES, MURRAY K., US
[72] JERNIGAN, TERRY A., US
[73] ABB INC., US
[22] 1996-10-11
[30] US (08/552,519) 1995-10-13

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[11] **2,187,706**
[13] C

[51] **Int.Cl. 6B22C 1/18 6B22C 9/10**
[25] EN
[54] **BINDERS FOR CORES AND MOLDS**
[54] **LIANTS POUR NOYAUX ET MOULES DE FONDERIE**
[72] TSE, KWOK-TUEN, US
[72] ZARETSKIY, LEONID, US
[72] MANNING, ROBERT L., US
[73] HA-INTERNATIONAL, LLC, US
[22] 1996-10-11
[30] US (609,111) 1996-02-29

[11] **2,189,662**
[13] C

[51] **Int.Cl. 6A61F 2/06**
[25] EN
[54] **RADIALLY EXPANDABLE POLYTETRAFLUOROETHYLENE**
[54] **POLYTETRAFLUOROETHYLENE EXPANSIBLE RADIALEMENT**
[72] COLONE, WILLIAM M., US
[73] BARD PERIPHERAL VASCULAR, INC., US
[85] 1996-11-05
[86] 1995-05-03 (PCT/US1995/005490)
[87] (WO1995/030538)
[30] US (08/239,239) 1994-05-06

[11] **2,191,962**
[13] C

[51] **Int.Cl. 6B01J 23/26 6A62D 3/00 6C01B 7/01 6B01J 21/04 6B01J 37/08**
[25] EN
[54] **CHROMIUM CATALYST AND CATALYTIC OXIDATION PROCESS**
[54] **CATALYSEUR DE CHROME ET PROCEDE D'OXYDATION CATALYTIQUE**
[72] COWFER, JOSEPH ALLEN, US
[72] YOUNG, GEORGE HANSON, US
[73] OXY VINYL, L.P., US
[85] 1996-12-03
[86] 1994-10-28 (PCT/US1994/011628)
[87] (WO1995/034379)
[30] US (08/258,293) 1994-06-10

[11] **2,193,509**
[13] C

[51] **Int.Cl. 6G07B 17/00**
[25] FR
[54] **DISPOSITIF ET PROCEDE DE PILOTAGE D'UNE MACHINE D'IMPRESSON, NOTAMMENT DE TAMBOUR D'AFFRANCHISSEUR**
[54] **DEVICE AND METHOD FOR CONTROLLING A PRINTING MACHINE, PARTICULARLY A FRANKING MACHINE DRUM**
[72] BAUMANN, HERVE, FR
[73] SECAP, FR
[85] 1996-12-19
[86] 1996-02-05 (PCT/FR1996/000187)
[87] (WO1996/026502)
[30] FR (95/01919) 1995-02-20

[11] **2,195,841**
[13] C

[51] **Int.Cl. 6C07C 229/46 6C07C 237/14 6C07C 227/18 6C07C 255/31**
[25] EN
[54] **PROCESS AND INTERMEDIATES FOR (S)-.ALPHA.-AMINO-1-CARBOXYCYCLOPENTANEACETIC ACID**
[54] **PROCEDE ET INTERMEDIAIRES POUR L'ACIDE (S)-.ALPHA.-AMINO-1-CARBOXYCYCLOPENTANEACETIQUE**
E
[72] FERLAND, JEAN-MARIE, CA
[72] GUSE, INGRID, CA
[72] MALENFANT, ERIC, CA
[73] BOEHRINGER INGELHEIM (CANADA) LTD. BOEHRINGER INGELHEIM (CANADA) LTEE, CA
[22] 1997-01-23

[11] **2,196,366**
[13] C

[51] **Int.Cl. 6F16L 59/05**
[25] EN
[54] **FLEXIBLE INSULATION PANEL AND METHOD OF MANUFACTURE**
[54] **PANNEAU ISOLANT SOUPLE ET METHODE DE FABRICATION**
[72] HUGHES, JOHN THOMAS, GB
[73] MICROPORE INTERNATIONAL LIMITED, GB
[22] 1997-01-30
[30] GB (9602874.1) 1996-02-13
[30] GB (9606706.1) 1996-03-29
[30] GB (9605444.0) 1996-03-15

[11] **2,196,371**
[13] C

[51] **Int.Cl. 6E21B 33/13 6B01F 17/00 6C04B 38/10**
[25] EN
[54] **METHODS OF PREVENTING WELL CEMENT STRESS FAILURE**
[54] **METHODES DE PREVENTION DES RUPTURES PAR CONTRAINTE DU CIMENT DANS LES PUITES**
[72] ONAN, DAVID D., US
[72] GRIFFITH, JAMES E., US
[72] WEBSTER, WILLIAM W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1997-01-30
[30] US (08/593,307) 1996-01-31

[11] **2,198,402**
[13] C

[51] **Int.Cl. 6E05B 65/22**
[25] EN
[54] **REMOTELY OPERABLE SECURITY DEADBOLT LOCK DEVICE WITH ANTI-THEFT MANUALLY OPERABLE RELEASE**
[54] **DISPOSITIF DE VERROUILLAGE DE SECURITE A DISTANCE COMPORTANT UN PENE DORMANT ET UN DISPOSITIF ANTIVOL A DEVERROUILLAGE MANUEL**
[72] KINNUCAN, JAMES A., US
[73] KINNUCAN, JAMES A., US
[22] 1997-02-25

[11] **2,198,575**
[13] C

[51] **Int.Cl. 6G05G 1/12**
[25] EN
[54] **ADJUSTING KNOB ASSEMBLY WITH DISCRETE POSITIONING**
[54] **AJUSTEMENT D'UN ASSEMBLAGE DE POIGNEE PAR LA DISPOSITION POINT PAR POINT**
[72] KOLBERG, KENNETH DANIEL, US
[72] PARKS, DAVID ALLEN, US
[72] MORRIS, KIMBERLEY, US
[72] SCHACHNER, JAMES ROBERT, US
[73] EATON CORPORATION, US
[22] 1997-02-26
[30] US (607,677) 1996-02-27

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[11] **2,199,171**
[13] C

[51] **Int.Cl. 6C10M 159/16 6C10L 1/22**
[25] EN
[54] **LUBRICATING OIL MANNICH
BASE DISPERSANTS DERIVED FROM
HEAVY POLYAMINE**
[54] **DISPERSANTS CONTENANT DES
CONDENSATS DE BASE DE MANNICH
POUR HUILES DE LUBRIFICATION,
DERIVES DE POLYAMINE LOURDE**
[72] GUTIERREZ, ANTONIO, US
[73] EXXONMOBIL CHEMICAL
PATENTS INC., US
[85] 1997-03-04
[86] 1995-10-10 (PCT/US1995/013439)
[87] (WO1996/011999)
[30] US (322,715) 1994-10-12

[11] **2,199,315**
[13] C

[51] **Int.Cl. 6E04B 2/74 6A47B 57/10**
[25] EN
[54] **WORK SURFACE SUPPORT
ARRANGEMENT FOR OFFICE
PANELLING SYSTEMS**
[54] **DISPOSITIF DE SUPPORT POUR
PLAN DE TRAVAIL POUR SYSTEMES
DE CLOISONS DE BUREAU**
[72] HELLWIG, JOHN, CA
[72] MARANGONI, LORIE, CA
[72] VERBEEK, STEVE, CA
[73] TEKNION FURNITURE SYSTEMS
LIMITED, CA
[22] 1997-03-06

[11] **2,199,931**
[13] C

[51] **Int.Cl. 6A01D 34/82 6A01D 75/20
6A01D 34/64**
[25] EN
[54] **ROTARY MOWER WITH
AUTOMATIC ENGINE CUT OFF**
[54] **FAUCHEUSE ROTATIVE
POURVUE D'UN DISPOSITIF DE
BLOCAGE AUTOMATIQUE
ACTIONNE PAR UN MOTEUR**
[72] EGGENA, DEAN A., US
[73] CLARK EQUIPMENT COMPANY, US
[85] 1997-03-13
[86] 1995-07-24 (PCT/US1995/009295)
[87] (WO1996/008954)
[30] US (08/310,855) 1994-09-22

[11] **2,205,728**
[13] C

[51] **Int.Cl. 6E21B 33/127**
[25] EN
[54] **INFLATABLE PACKER WITH
PORT COLLAR VALVING**
[54] **PACKER GONFLABLE AVEC
SOUPAPE DE COLLET D'ORIFICE**
[72] STOKLEY, CHARLES O., US
[73] TAM INTERNATIONAL, INC., US
[22] 1997-05-20
[30] US (08/651,966) 1996-05-21

[11] **2,202,499**
[13] C

[51] **Int.Cl. 6A61K 39/02 6A61K 9/16
6A61K 47/34 6A61K 47/38**
[25] EN
[54] **RENIBACTERIUM
SALMONINARUM VACCINE AND
METHOD FOR ITS PREPARATION**
[54] **VACCIN CONTRE
RENIBACTERIUM SALMONINARUM
ET PROCEDE POUR SA PREPARATION**
[72] CHRISTENSEN, JOHN M., US
[72] PIGANELLI, JON D., US
[72] WIENS, GREGORY, US
[72] KAATTARI, STEVE, US
[72] ZHANG, JIA A., US
[73] THE STATE OF OREGON ACTING
BY AND THROUGH THE STATE BOARD
OF HIGHER EDUC ATION ON BEHALF
OF OREGON STATE UNIVERSITY, US
[85] 1997-04-11
[86] 1995-10-12 (PCT/US1995/013131)
[87] (WO1996/011707)
[30] US (322,866) 1994-10-12

[11] **2,202,972**
[13] C

[51] **Int.Cl. 6B23K 26/14**
[25] EN
[54] **PROCESS FOR THE COOLING OF
A WELDING SEAM AREA DURING
LASER WELDING AND APPARATUS
FOR THE IMPLEMENTATION OF THE
PROCESS**
[54] **PROCEDE ET DISPOSITIF DE
REFROIDISSEMENT DE LA ZONE
D'UNE SOUDURE PENDANT LE
SOUDAGE LASER**
[72] ALBER, GERHARD, DE
[72] SCHMEH, ALEXANDER, DE
[73] THYSSEN INDUSTRIE AG, DE
[85] 1997-04-17
[86] 1995-10-14 (PCT/EP1995/004044)
[87] (WO1996/011770)
[30] DE (P 44 37 191.8) 1994-10-18

[11] **2,205,728**
[13] C

[51] **Int.Cl. 6E21B 33/127**
[25] EN
[54] **INFLATABLE PACKER WITH
PORT COLLAR VALVING**
[54] **PACKER GONFLABLE AVEC
SOUPAPE DE COLLET D'ORIFICE**
[72] STOKLEY, CHARLES O., US
[73] TAM INTERNATIONAL, INC., US
[22] 1997-05-20
[30] US (08/651,966) 1996-05-21

[11] **2,206,154**
[13] C

[51] **Int.Cl. 6F01D 25/16 6F02C 7/06
6F16C 35/067**
[25] FR
[54] **PROCEDE ET SUPPORT DE
PALIER PERMETTANT DE
MAINTENIR EN FONCTIONNEMENT
UN TURBOMOTEUR POUR AERONEF
APRES APPARITION D'UN BALOURD
ACCIDENTEL SUR UN ROTOR**
[54] **PROCESS AND BEARING MOUNT
ALLOWING A TURBINE ENGINE FOR
AIRCRAFT TO BE MAINTAINED IN
OPERATION AFTER THE
OCCURRENCE OF ACCIDENTAL
IMBALANCE IN A ROTOR**
[72] GEREZ, VALERIO, FR
[73] SNECMA MOTEURS, FR
[22] 1997-05-13
[30] FR (96.07328) 1996-06-13

[11] **2,208,496**
[13] C

[51] **Int.Cl. 6C08J 7/04**
[25] EN
[54] **COATING OF A HYDROPHOBIC
POLYMER SUBSTRATE WITH A
NONSTOICHIOMETRIC
POLYELECTROLYTE COMPLEX**
[54] **REVETEMENT D'UN SUBSTRAT
POLYMERIQUE HYDROPHOBE AVEC
UN COMPLEXE ELECTROLYTIQUE
NON STOICHIOMETRIQUE**
[72] GADSBY, ELIZABETH DEIBLER, US
[72] GILLBERG-LAFORCE, GUNILLA
ELSA, US
[73] KIMBERLY-CLARK WORLDWIDE,
INC., US
[22] 1997-06-16
[30] US (08/668,673) 1996-06-25

[11] **2,211,246**
[13] C

[51] **Int.Cl. 6H04L 27/22 6H04L 1/00
6H04B 7/02**
[25] EN
[54] **METHOD OF DIGITAL
DEMODULATION**
[54] **METHODE DE DEMODULATION
NUMERIQUE**
[72] LASNE, XAVIER, FR
[72] BELVEZE, FABRICE, FR
[72] ROSEIRO, ALBERT, FR
[73] MATRA COMMUNICATION, FR
[22] 1997-07-23
[30] FR (96 09310) 1996-07-24

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[11] **2,212,208**
[13] C

[51] **Int.Cl. 6C04B 11/028**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTINUOUS REFRACTORYLESS CALCINING OF GYPSUM**
[54] **PROCEDE ET DISPOSITIF DE CALCINATION CONTINUE DE GYPSE, SANS STRUCTURE REFRACTAIRE**
[72] CLOUD, MICHAEL L., US
[72] MILLIGAN, DANIEL J., US
[72] ROWLAND, GEORGE E., US
[73] UNITED STATES GYPSUM COMPANY, US
[85] 1997-08-01
[86] 1996-02-01 (PCT/US1996/001631)
[87] (WO1996/023741)
[30] US (08/382,612) 1995-02-02

[11] **2,212,984**
[13] C

[51] **Int.Cl. 6D04H 13/00 6D06M 10/02 6D06M 10/10 6B32B 5/26 6D06M 15/576**
[25] EN
[54] **NONWOVEN LAMINATE BARRIER MATERIAL**
[54] **MATERIAU LAMINE NON TISSE COMME BARRIERE**
[72] COHEN, BERNARD, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 1997-09-02
[86] 1996-02-23 (PCT/US1996/002468)
[87] (WO1996/028597)
[30] US (08/405,485) 1995-03-16

[11] **2,213,079**
[13] C

[51] **Int.Cl. 6B01J 20/22 6C07K 1/18 6A61M 1/36 6C07K 14/525**
[25] EN
[54] **NECROSIS FACTOR .ALPHA., METHOD OF REMOVAL BY ADSORPTION, AND ADSORPTION DEVICE USING SAID ADSORBENT**
[54] **ADSORBANT DU FACTEUR .ALPHA. DE NECROSE TUMORALE, PROCEDE PERMETTANT DE L'ELIMINER PAR ADSORPTION ET DISPOSITIF D'ADSORPTION UTILISANT LEDIT ADSORBANT**
[72] HIRAI, FUMIYASU, JP
[72] TANI, NOBUTAKA, JP
[72] ASAHI, TAKASHI, JP
[73] KANEGAFUCHI KAGAKU KOGYO KABUSHIKI KAISHA, JP
[85] 1997-08-14
[86] 1996-02-09 (PCT/JP1996/000306)
[87] (WO1996/025228)
[30] JP (28129/1995) 1995-02-16

[11] **2,213,426**
[13] C

[51] **Int.Cl. 6H05B 39/00**
[25] EN
[54] **CIRCUIT ARRANGEMENT FOR OPERATING ELECTRICAL INCANDESCENT BULBS**
[54] **MONTAGE DE CIRCUIT POUR AMPOULES ELECTRIQUES INCANDESCENTES**
[72] KIERMEIER, THEODOR, DE
[73] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 1997-08-18
[30] DE (196 33 372.5) 1996-08-19

[11] **2,213,582**
[13] C

[51] **Int.Cl. 6E06B 7/16**
[25] EN
[54] **MICROORGANISM RESISTANT PILE WEATHERSTRIPPING**
[54] **COUPE-FROID RESISTANT AUX MICROORGANISMES**
[72] ABRAMSON, STEVE, US
[72] KESSLER, RONALD, US
[73] ALLER-GARD 100 PRODUCTS, INC., US
[22] 1997-08-21
[30] US (08/724,345) 1996-10-01

[11] **2,215,893**
[13] C

[51] **Int.Cl. 6C10G 29/16**
[25] EN
[54] **PROCESS FOR UPGRADING HEAVY OIL USING AQUEOUS LIME**
[54] **PROCEDE POUR LA VALORISATION DE L'HUILE LOURDE A L'AIDE DE CHAUX HYDRATEE**
[72] BRONS, GLEN, US
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US
[22] 1997-10-03
[30] US (08/730,617) 1996-10-21

[11] **2,215,961**
[13] C

[51] **Int.Cl. 6B29C 70/52**
[25] EN
[54] **PULTRUSION APPARATUS AND PROCESS**
[54] **DISPOSITIF ET PROCEDE DE PULTRUSION**
[72] WILSON, MAYWOOD L., US
[73] WILSON, MAYWOOD L., US
[85] 1997-09-19
[86] 1996-03-07 (PCT/US1996/003185)
[87] (WO1996/030196)
[30] US (08/409,976) 1995-03-24

[11] **2,216,005**
[13] C

[51] **Int.Cl. 6B61F 5/52 6B61F 5/38**
[25] FR
[54] **CHASSIS DE BOGIE ARTICULE ET BOGIE ARTICULE COMPORTANT UN TEL CHASSIS**
[54] **ARTICULATED RAIL TRUCK FRAME AND TRUCK INCLUDING SUCH A FRAME**
[72] RODET, ALAIN, FR
[72] BRUN, STEPHANE, FR
[73] GEC ALSTHOM TRANSPORT SA, FR
[22] 1997-10-06
[30] FR (96 12 189) 1996-10-07

[11] **2,216,505**
[13] C

[51] **Int.Cl. 6A63B 45/00**
[25] EN
[54] **METHOD FOR MANUFACTURING MULTI-LAYER GAME BALL**
[54] **METHODE DE FABRICATION DE BALLE DE JEU MULTICOUCHES**
[72] KENNEDY, THOMAS J., III, US
[73] SGG PATENTS LLC, US
[22] 1997-09-25
[30] US (831,584) 1997-04-09

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[11] * **2,218,169**
[13] C

[51] **Int.Cl. 6H04L 29/06 6G06F 17/00 6G06F 13/14**
[25] EN
[54] **CLIENT/SERVER COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATIONS CLIENT/SERVEUR**
[72] FRAENKEL, MICHAEL LEVI, US
[72] BITTINGER, REED RICHARD, US
[72] HOUSEL, BARRON CORNELIUS III, US
[72] LINDQUIST, DAVID BRUCE, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 1997-10-14
[86] 1996-07-11 (PCT/US1996/011551)
[87] (WO1997/030538)
[30] US (08/601,804) 1996-02-15

[11] **2,218,196**
[13] C

[51] **Int.Cl. 6G10L 9/08 6H04M 3/42**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATICALLY GENERATING A SPEECH RECOGNITION VOCABULARY FROM A WHITE PAGES LISTING**
[54] **METHODE ET APPAREIL SERVANT A GENERER AUTOMATIQUEMENT DU VOCABULAIRE AUX FINS DE LA RECONNAISSANCE DE LA PAROLE A PARTIR D'INSCRIPTIONS DANS LES PAGES BLANCHES**
[72] SABOURIN, MICHAEL, CA
[72] GUPTA, VISHWA, CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 1997-10-14
[30] US (08/757,610) 1996-11-29

[11] **2,218,459**
[13] C

[51] **Int.Cl. 6F23R 3/28**
[25] FR
[54] **DISPOSITIF D'ALIMENTATION EN COMBURANT D'UNE TURBINE A GAZ COMPRENANT DES DIAPHRAGMES DE REGLAGE DU DEBIT COMMANDES PAR PAIRES**
[54] **DEVICE FOR SUPPLYING OXIDIZING AGENT TO A GAS TURBINE ENGINE COMPRISING FLOW-REGULATING DIAPHRAGMS CONTROLLED IN PAIRS**
[72] HERNANDEZ, DIDIER HIPPOLYTE, FR
[72] FORESTIER, ALEXANDRE, FR
[73] SNECMA MOTEURS, FR
[22] 1997-10-10
[30] FR (96.12600) 1996-10-16

[11] **2,222,664**
[13] C

[51] **Int.Cl. 6D21C 3/22 6D21C 7/00 6D21C 7/14 6D21C 3/24**
[25] EN
[54] **DISSOLVED SOLIDS CONTROL IN PULP PRODUCTION**
[54] **CONTROLE DES MATIERES DISSOUTES DANS LA PRODUCTION DE PATE**
[72] PHILLIPS, JOSEPH R., US
[72] CHASSE, R. FRED, US
[72] PROUGH, J. ROBERT, US
[72] MARCOCCIA, BRUNO S., US
[72] LAAKSO, RICHARD O., US
[72] RICHARDSEN, JAN T., US
[72] RYHAM, ROLF C., US
[73] ANDRITZ INC., US
[22] 1994-02-25
[62] 2,159,998
[30] US (056,211) 1993-05-04
[30] US (127,548) 1993-09-28

[11] **2,223,560**
[13] C

[51] **Int.Cl. 6G01S 1/04 6G01S 1/20**
[25] EN
[54] **RADIO LOCATION WITH ENHANCED Z-AXIS DETERMINATION**
[54] **RADIOLOCALISATION A DETERMINATION AMELIOREE DE L'AXE Z**
[72] SANDERFORD, HUGH BRITTON JR., US
[72] ROUQUETTE, ROBERT E., US
[73] AXONN, L.L.C., US
[85] 1997-12-04
[86] 1996-06-06 (PCT/US1996/009313)
[87] (WO1996/039637)
[30] US (08/470,739) 1995-06-06

[11] **2,223,593**
[13] C

[51] **Int.Cl. 6F23Q 2/16 6F23Q 2/34**
[25] EN
[54] **SELECTIVELY ACTUATABLE LIGHTER**
[54] **BRIQUET A ACTIONNEMENT SELECTIF**
[72] MCDONOUGH, JAMES M., US
[72] DOUCET, MICHEL, FR
[73] BIC CORPORATION, US
[85] 1997-12-04
[86] 1996-06-03 (PCT/US1996/008326)
[87] (WO1996/039597)
[30] US (462,988) 1995-06-05

[11] **2,224,195**
[13] C

[51] **Int.Cl. 6A23K 1/00 6A23K 1/18**
[25] EN
[54] **RUMEN INERT OIL**
[54] **HUILE INERTE A L'INTERIEUR DU RUMEN**
[72] KLOPFENSTEIN, TERRY JAMES, US
[72] BRITTON, ROBERT ALLEN (DECEASED), US
[72] WINOWISKI, THOMAS STEPHEN, US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 1997-12-08
[86] 1996-06-05 (PCT/US1996/009457)
[87] (WO1996/041543)
[30] US (08/489,111) 1995-06-09

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[11] **2,224,917**
[13] C

[51] **Int.Cl. 6E21B 33/134**
[25] EN
[54] **IMPROVED BRIDGE PLUG FOR A WELL BORE**
[54] **BOUCHON D'OBSTRUCTION AMELIOREE POUR UN Puits DE FORAGE**
[72] JANI, WILLIAM, CA
[73] JANI, WILLIAM, CA
[22] 1998-01-23

[11] **2,225,453**
[13] C

[51] **Int.Cl. 6C07D 255/00 6C07F 3/00 6C07F 5/00 6C07F 13/00 6A61K 49/00 6C07D 257/02 6C07F 15/04 6A61K 51/04 6A01N 33/04 6C07D 487/08 6C07F 1/08 6A61K 31/13 6C07C 215/14 6C07D 403/14 6C07D 405/14 6A01N 57/18 6C07C 211/22 6C07D 487/22 6A61K 31/28 6A61K 31/395 6C07C 215/50 6C07C 323/52 6A61K 31/555 6A01N 43/64 6C07F 9/6515 6C07F 9/6524 6C07F 9/6561 6A61K 31/66 6A01N 43/713 6A01N 43/90**
[25] EN
[54] **COMPOUNDS WITH CHELATION AFFINITY AND SELECTIVITY FOR FIRST TRANSITION SERIES ELEMENTS, AND THEIR USE IN MEDICAL THERAPY AND DIAGNOSIS**
[54] **COMPOSES AVEC AFFINITE ET SELECTIVITE DE CHELATION VIS-A-VIS D'ELEMENTS DE LA PREMIERE SERIE DE TRANSITION ET LEUR UTILISATION EN THERAPIE ET EN DIAGNOSTIC MEDICAUX**
[72] ZAKLAD, HAIM, IL
[72] KLEIN, OFER, IL
[72] SIMHON, ELLIOT D., IL
[72] WINCHELL, HARRY S., US
[72] CYJON, ROSA L., IL
[72] KLEIN, JOSEPH Y., IL
[73] CHELATOR LLC, US
[85] 1997-12-22
[86] 1996-06-24 (PCT/US1996/010785)
[87] (WO1997/001360)
[30] US (60/000,524) 1995-06-26
[30] US (08/560,626) 1995-11-20

[11] **2,226,773**
[13] C

[51] **Int.Cl. 6D21H 19/52 6D21H 23/24 6D21H 23/34 6D21H 23/56**
[25] EN
[54] **PROCESS FOR COATING OF PAPER AND BOARD**
[54] **PROCESSUS POUR REVETEMENT DE PAPIER ET DE CARTON**
[72] RUTANEN, ANNE, FI
[72] SILENIUS, PETRI, FI
[72] KETTUNEN, JYRKI, FI
[73] M-REAL OYJ, FI
[22] 1998-01-13
[30] FI (970133) 1997-01-13

[11] **2,229,818**
[13] C

[51] **Int.Cl. 6A41B 11/02 6A41B 11/00**
[25] EN
[54] **SOCK WITH REINFORCED FOOT SOLE REGION**
[54] **CHAUSSETTE AVEC ZONE DE MARCHE RENFORCEE**
[72] KALDE, FRANZ-JOSEF, DE
[73] FALKE KG, DE
[85] 1998-02-18
[86] 1996-09-10 (PCT/EP1996/003968)
[87] (WO1997/009890)
[30] DE (295 14 602.8) 1995-09-11

[11] **2,231,744**
[13] C

[51] **Int.Cl. 6F04B 39/06 6B60T 17/02**
[25] EN
[54] **AIR COOLED AIR COMPRESSOR AFTERCOOLER**
[54] **ENSEMBLE COMPRESSEUR D'AIR ET REFROIDISSEUR**
[72] GOETTEL, WALTER E., US
[72] DRUMMOND, ROGER, US
[72] KRAWCZYK, JULIE A., US
[72] WAGNER, DANIEL G., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-03-11
[30] US (886,614) 1997-07-01

[11] **2,231,904**
[13] C

[51] **Int.Cl. 6E21B 43/22 6E21B 33/10**
[25] EN
[54] **METHODS OF SEALING SUBTERRANEAN ZONES**
[54] **METHODES POUR OBTURER DES ZONES SOUTERRAINES**
[72] SWEATMAN, RONALD E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1998-03-12
[30] US (08/818,146) 1997-03-14

[11] **2,233,345**
[13] C

[51] **Int.Cl. 6E21B 17/04 6F16L 19/08**
[25] EN
[54] **COMPOSITE COILED TUBING END CONNECTOR**
[54] **RACCORD D'EXTREMITE DE TUBAGE COMPOSITE BOBINE**
[72] SAS-JAWORSKY, ALEXANDER, US
[73] FIBERSPAR CORPORATION, US
[85] 1998-03-27
[86] 1996-09-26 (PCT/US1996/015427)
[87] (WO1997/012115)
[30] US (60/005,377) 1995-09-28

[11] **2,233,409**
[13] C

[51] **Int.Cl. 6B01L 3/00**
[25] FR
[54] **PAILLETTE AVEC UN BOUCHON EN FIBRE PLEINE MICROPOREUSE**
[54] **STRAW WITH A MICROPOROUS SOLID-CORE FIBER PLUG**
[72] DASSIER, CLAUDE, FR
[72] SAINT-RAMON, JEAN-GERARD, FR
[72] DECUADRO-HANSEN, GUSTAVO, FR
[72] BEAU, CHRISTIAN, FR
[73] INSTRUMENTS DE MEDECINE VETERINAIRE, FR
[22] 1998-04-20
[30] FR (97 04 896) 1997-04-21

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[11] 2,233,996
[13] C

[51] Int.Cl. 6H02K 5/15 6H02J 15/00
[25] EN
[54] AN ENERGY STORAGE AND
CONVERSION APPARATUS
[54] APPAREIL DE STOCKAGE ET DE
CONVERSION D'ENERGIE
[72] POLAK, THOMAS ALEXANDER, GB
[72] LLOYD, NIGEL PAUL, GB
[72] FULLWOOD, DAVID TOD, GB
[73] BRITISH NUCLEAR FUELS PLC, GB
[85] 1998-04-03
[86] 1996-10-01 (PCT/GB1996/002410)
[87] (WO1997/013313)
[30] GB (9520160.4) 1995-10-03

[11] 2,234,551
[13] C

[51] Int.Cl. 6A45D 7/00
[25] EN
[54] ADJUSTABLE HAIR CURLER AND
METHOD OF USE
[54] BIGOUDI REGLABLE ET SON
MODE D'UTILISATION
[72] HABIBI, MASOOD, US
[73] HABIBI, MASOOD, US
[85] 1998-04-09
[86] 1996-10-10 (PCT/US1996/016230)
[87] (WO1997/013426)
[30] US (08/540,790) 1995-10-11

[11] 2,234,720
[13] C

[51] Int.Cl. 6A43B 7/12
[25] EN
[54] VAPOR-PERMEABLE SHOE
[54] CHAUSSURE PERMEABLE A LA
VAPEUR
[72] POLEGATO, MARIO, IT
[73] GEOX S.P.A., IT
[85] 1998-04-14
[86] 1996-10-09 (PCT/EP1996/004382)
[87] (WO1997/014326)
[30] IT (PD95A000190) 1995-10-13
[30] IT (PD96A000126) 1996-05-17

[11] 2,234,753
[13] C

[51] Int.Cl. 6A63B 71/06 6A63B 63/00
[25] EN
[54] ELECTRONIC GOAL DETECTOR
[54] DETECTEUR DE BUT
ELECTRONIQUE
[72] CRAWFORD, JAMES, CA
[73] CRAWFORD, JAMES, CA
[22] 1998-04-15
[30] US (08/865,609) 1997-05-29

[11] 2,234,948
[13] C

[51] Int.Cl. 6A61F 2/06
[25] EN
[54] EXPANDABLE SUPPORTIVE
BIFURCATED ENDOLUMINAL
GRAFTS
[54] GREFFON DE MAINTIEN
ENDOLUMINAL EXTENSIBLE A DEUX
BRANCHES
[72] PINCHUK, LEONARD, US
[72] DEREUME, JEAN-PIERRE GEORGES
EMILE, BE
[72] MACGREGOR, DAVID, US
[73] CORVITA CORPORATION, US
[85] 1998-04-16
[86] 1996-10-29 (PCT/US1996/017379)
[87] (WO1997/017912)
[30] US (08/558,034) 1995-11-13

[11] 2,235,038
[13] C

[51] Int.Cl. 6A61K 39/395 6A61K 45/06
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[25] FR
[54] UTILISATION D'UN
ANTAGONISTE DE TNF-ALPHA POUR
LE TRAITEMENT DES ROUGEURS
CUTANEE D'ORIGINE NEUROGENE
[54] USE OF A TNF ALPHA
ANTAGONIST FOR TREATING
NEUROGENIC SKIN REDNESS
[72] DE LACHARRIERE, OLIVIER, FR
[72] BRETON, LIONEL, FR
[73] L'OREAL, FR
[85] 1998-05-07
[86] 1996-10-28 (PCT/FR1996/001688)
[87] (WO1997/018799)
[30] FR (95/13729) 1995-11-20

[11] 2,235,146
[13] C

[51] Int.Cl. 6C07D 487/04 6C07D 271/02
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[25] EN
[54] HERBICIDAL SULFONAMIDES
[54] SULFONAMIDES HERBICIDES
[72] DRAUZ, KARLHEINZ, DE
[72] ADAMS, EDWARD JOHN, US
[72] KAMIREDDY, BALREDDY, US
[72] HONG, WONPYO, US
[72] WECKBECKER, CHRISTOPH, DE
[72] PETERSEN, WALLACE CHRISTIAN,
US
[72] SCHAFFER, MATTHIAS, DE
[73] DEGUSSA AG, DE
[85] 1998-04-17
[86] 1996-10-08 (PCT/US1996/016111)
[87] (WO1997/015576)
[30] US (60/007,031) 1995-10-25
[30] US (60/012,329) 1996-02-27

[11] 2,235,735
[13] C

[51] Int.Cl. 6C10G 19/073
[25] EN
[54] PROCESS FOR UPGRADING
HEAVY OIL USING LIME
[54] PROCEDE DE VALORISATION
DES HUILES LOURDES A L'AIDE DE
CHAUX
[72] BRONS, GLEN BARRY, US
[73] EXXON RESEARCH AND
ENGINEERING COMPANY, US
[22] 1998-05-25
[30] US (870,990) 1997-06-06
[30] US (09/049,357) 1998-03-27

[11] 2,235,774
[13] C

[51] Int.Cl. 6A61B 17/00 6A61B 17/22
[25] EN
[54] ENDOSCOPIC LIGATING
INSTRUMENT
[54] INSTRUMENT ENDOSCOPIQUE
DE LIGATURE
[72] AHMED, MUNIR, US
[73] DABEGAN TECHNOLOGIES, INC.,
US
[85] 1998-04-23
[86] 1996-10-30 (PCT/US1996/017418)
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[30] US (08/550,531) 1995-10-30

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[11] **2,236,959**
[13] C

[51] **Int.Cl. 6A61F 2/06**
[25] EN
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ENDOLUMINAL STENT-GRAFT**
[54] **GREFFON EXTENSEUR
ENDOLUMINAL AUTODEPLOYANT**
[72] PINCHUK, LEONARD, US
[73] CORVITA CORPORATION, US
[85] 1998-05-06
[86] 1996-11-05 (PCT/US1996/017721)
[87] (WO1997/017039)
[30] US (08/554,694) 1995-11-07

[11] **2,237,959**
[13] C

[51] **Int.Cl. 6B01D 29/21 6B01D 27/06
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[25] EN
[54] **A FILTER ELEMENT FOR A FLUID
FILTER**
[54] **ELEMENT DE FILTRE POUR
FILTRE A FLUIDE**
[72] BARTELS, ANTONIUS JOSEPHUS,
NL
[73] FAIREY ARLON B.V., NL
[85] 1998-05-15
[86] 1996-11-15 (PCT/NL1996/000453)
[87] (WO1997/021480)
[30] NL (1001867) 1995-12-11

[11] **2,238,237**
[13] C

[51] **Int.Cl. 6F04B 39/12 6F04B 37/12
6F04B 37/18**
[25] EN
[54] **OILLESS COMPRESSOR WITH A
PRESSURIZABLE CRANKCASE AND
MOTOR CONTAINMENT VESSEL**
[54] **COMPRESSEUR NON LUBRIFIE
POSSEDANT UN CARTER POUVANT
ETRE MIS SOUS PRESSION ET UNE
ENVELOPPE DE CONFINEMENT DU
MOTEUR**
[72] EPP, MARK A., CA
[73] BALLARD GENERATION SYSTEMS
INC., CA
[22] 1998-05-22
[30] US (08/862,638) 1997-05-23

[11] **2,240,797**
[13] C

[51] **Int.Cl. 6E21B 19/02 6B66B 7/10
6E21B 19/16**
[25] EN
[54] **STRETCH COMPENSATION IN A
HOISTING SYSTEM FOR A DERRICK**
[54] **COMPENSATION DE TRACTION
DANS UN DISPOSITIF DE LEVAGE DE
DERRICK**
[72] VATNE, PER, NO
[73] MARITIME HYDRAULICS AS, NO
[85] 1998-06-18
[86] 1996-12-23 (PCT/NO1996/000310)
[87] (WO1997/024507)
[30] NO (955310) 1995-12-27

[11] **2,242,065**
[13] C

[51] **Int.Cl. 6G06F 17/20 6G06F 17/28
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[25] EN
[54] **UNIFIED MESSAGING SYSTEM
WITH AUTOMATIC LANGUAGE
IDENTIFICATION FOR TEXT-TO-
SPEECH CONVERSION**
[54] **SYSTEME DE MESSAGERIE
UNIFIE A IDENTIFICATION
AUTOMATIQUE DE LA LANGUE EN
VUE D'UNE CONVERSION DU TEXTE
EN PAROLES**
[72] LIRON, ROGER, GB
[72] HYDE-THOMSON, HENRY C.A., GB
[73] OCTEL COMMUNICATIONS
CORPORATION, US
[22] 1998-06-25
[30] US (60/051,720) 1997-07-03

[11] **2,242,445**
[13] C

[51] **Int.Cl. 6E21B 23/01 6E21B 23/06
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[25] EN
[54] **SLIP RETAINING SYSTEM FOR
DOWNHOLE TOOLS**
[54] **DISPOSITIF DE RETENUE DE
SEGMENTS DE GLISSEMENT POUR
OUTILS FOND DE TROU**
[72] YUAN, YUSHENG, US
[72] BERSCHIEDT, KEVIN T., US
[72] DAVISON, DOUGLAS W., US
[73] HALLIBURTON ENERGY
SERVICES, INC., US
[22] 1998-07-07
[30] US (08/888,719) 1997-07-07

[11] **2,243,400**
[13] C

[51] **Int.Cl. 6C09K 11/78 6C01B 35/00
6C01F 17/00**
[25] FR
[54] **BORATE DE TERRE RARE ET SON
PRECURSEUR, LEURS PROCEDES DE
PREPARATION ET L'UTILISATION DU
BORATE COMME LUMINOPHORE**
[54] **RARE EARTH BORATE AND ITS
PRECURSOR, PREPARATION
PROCESSES AND USE OF BORATE AS
LUMINOPHORE**
[72] HUGUENIN, DENIS, FR
[72] MACAUDIERE, PIERRE, FR
[73] RHODIA CHIMIE, FR
[85] 1998-07-17
[86] 1997-01-17 (PCT/FR1997/000069)
[87] (WO1997/026312)
[30] FR (96/00467) 1996-01-17

[11] **2,245,466**
[13] C

[51] **Int.Cl. 6A23D 9/013 6A23D 7/01**
[25] EN
[54] **STANOL ESTER COMPOSITION
AND PRODUCTION THEREOF**
[54] **COMPOSITION D'ESTER DE
STANOL ET PRODUCTION DE CELLE-
CI**
[72] AMERONGEN, MARNIX P. VAN, NL
[72] LIEVENSE, LOURUS CORNELIS, BR
[73] UNILEVER PLC, GB
[22] 1998-08-21
[30] EP (97202596.9) 1997-08-22

[11] **2,245,562**
[13] C

[51] **Int.Cl. 6C09K 3/14 6B24D 3/28**
[25] EN
[54] **RADIATION CURABLE
SUPERSIZES**
[54] **SUPERCOUCHES D'APPRET
POLYMERISABLES PAR EXPOSITION
A UN RAYONNEMENT**
[72] GAETA, ANTHONY C., US
[72] SWEI, GWO SHIN, US
[73] NORTON COMPANY, US
[85] 1998-08-05
[86] 1997-01-15 (PCT/US1997/000220)
[87] (WO1997/031079)
[30] US (08/606,614) 1996-02-26

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[13] C

[51] **Int.Cl. 6E21B 33/04**
[25] EN
[54] **WELL CASING SEALING DEVICE**
[54] **DISPOSITIF D'ETANCHEITE**
POUR TUBAGE DE PUIITS
[72] DAVIS, EMERY W., US
[73] DAVIS, EMERY W., US
[22] 1998-08-25
[30] US (60/056,941) 1997-08-25

[11] **2,245,897**
[13] C

[51] **Int.Cl. 6A61F 2/06**
[25] EN
[54] **FLANGED GRAFT FOR END-TO-SIDE ANASTOMOSIS**
[54] **GREFFON A COLLERETTE POUR ANASTOMOSE TERMINO-LATERALE**
[72] SCHOLZ, HANS, DE
[72] SETTMACHER, UTZ, DE
[72] KRUGER, ULF, DE
[73] BARD PERIPHERAL VASCULAR, INC., US
[85] 1998-08-12
[86] 1996-02-28 (PCT/US1996/002714)
[87] (WO1997/031591)

[11] **2,246,009**
[13] C

[51] **Int.Cl. 6B65G 17/26 6B65G 17/06**
[25] EN
[54] **PLASTIC CONVEYOR BELT AND CONVEYOR APPARATUS COMPRISING THE SAME**
[54] **TRANSPORTEUR A COURROIE EN PLASTIQUE ET APPAREIL COMPRENANT CE TRANSPORTEUR**
[72] YOSHIDA, KAZUYA, JP
[72] KOBAYASHI, SHOGO, JP
[73] NIPPON FILCON CO., LTD., JP
[73] KOBAYASHI ENGINEERING WORKS LTD., JP
[22] 1998-08-21

[11] **2,246,009**
[13] C

[51] **Int.Cl. 6A61F 2/06**
[25] EN
[54] **FLANGED GRAFT FOR END-TO-SIDE ANASTOMOSIS**
[54] **GREFFON A COLLERETTE POUR ANASTOMOSE TERMINO-LATERALE**
[72] SCHOLZ, HANS, DE
[72] SETTMACHER, UTZ, DE
[72] KRUGER, ULF, DE
[73] BARD PERIPHERAL VASCULAR, INC., US
[85] 1998-08-12
[86] 1996-02-28 (PCT/US1996/002714)
[87] (WO1997/031591)

[11] **2,246,767**
[13] C

[51] **Int.Cl. 6C01B 33/32**
[25] EN
[54] **STABLE HIGH SOLIDS, HIGH RATIO ALKALI METAL SILICATE SOLUTIONS**
[54] **SOLUTIONS STABLES DE SILICATE DE METAL ALCALIN A TENEUR ELEVEE EN SOLIDES ET A RAPPORT ELEVE**
[72] BASS, JONATHAN L., US
[73] PQ HOLDING, INC., US
[85] 1998-08-18
[86] 1996-10-28 (PCT/US1996/017232)
[87] (WO1997/030935)
[30] US (08/603,667) 1996-02-20

[11] **2,246,861**
[13] C

[51] **Int.Cl. 6E03B 9/02**
[25] EN
[54] **WATER SAVER FIRE HYDRANT**
[54] **POTEAU D'INCENDIE ECONOMISEUR D'EAU**
[72] HONIGSBAUM, RICHARD, US
[73] HONIGSBAUM, RICHARD, US
[22] 1998-09-08
[30] US (60/058,182) 1997-09-08

[11] **2,247,157**
[13] C

[51] **Int.Cl. 6A43B 23/17 6A43B 7/32**
[25] EN
[54] **TOE AND METATARSAL PROTECTORS FOR SAFETY FOOTWEAR**
[54] **PROTECTEURS D'ORTEILS ET METATARSIENS POUR CHAUSSURES DE SECURITE**
[72] KRAJCIR, DEZI A., CA
[73] KRAJCIR, DEZI A., CA
[22] 1998-09-15
[30] US (08/933,833) 1997-09-19

[11] **2,249,157**
[13] C

[51] **Int.Cl. 6H01J 37/317**
[25] EN
[54] **UNIFORM DISTRIBUTION MONOENERGETIC ION IMPLANTATION**
[54] **IMPLANTATION D'IONS MONOENERGETIQUES DE DISTRIBUTION UNIFORME**
[72] SARKISSIAN, ANDRANIK, CA
[73] SARKISSIAN, ANDRANIK, CA
[22] 1998-10-01

[11] **2,249,168**
[13] C

[51] **Int.Cl. 6E21B 29/10**
[25] EN
[54] **DOWNHOLE PIPE EXPANSION APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE DILATATION DE TUBAGE DE FOND**
[72] DOBSON, ANDREW, US
[72] WOOD, EDWARD T., US
[73] BAKER HUGHES INCORPORATED, US
[22] 1998-10-01
[30] US (08/943,632) 1997-10-03

[11] **2,249,243**
[13] C

[51] **Int.Cl. 6B60N 2/04 6B60N 2/44**
[25] EN
[54] **TUMBLE SEAT WITH DISPLACEABLE SIDE HANDLE RELEASE**
[54] **SIEGE BASCULANT AVEC LIBERATION PAR POIGNEE LATERALE DEPLACABLE**
[72] O'CONNOR, JAMES G., US
[73] MAGNA INTERIOR SYSTEMS OF AMERICA, INC., CA
[85] 1998-09-18
[86] 1997-03-25 (PCT/IB1997/000500)
[87] (WO1997/035740)
[30] US (08/621,684) 1996-03-26

[11] **2,249,464**
[13] C

[51] **Int.Cl. 6C22C 21/04 6C22C 1/00**
[25] FR
[54] **ALLIAGE THIXOTROPE ALUMINIUM-SILICIUM-CUIVRE POUR MISE EN FORME A L'ETAT SEMI-SOLIDE**
[54] **THIXOTROPIC ALUMINIUM-SILICON-COPPER ALLOY SUITABLE FOR SEMI-SOLID SHAPING**
[72] GARAT, MICHEL, FR
[72] LOUE, WILLEM, FR
[73] ALUMINIUM PECHINEY, FR
[85] 1998-09-17
[86] 1997-03-12 (PCT/FR1997/000439)
[87] (WO1997/035040)
[30] FR (96/03703) 1996-03-20

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[11] **2,250,019**
[13] C

[51] **Int.Cl. 6B30B 15/06 6B30B 15/02 6B21D 37/14**
[25] EN
[54] **PRESS WITH A HYDRAULIC PLATE**
[54] **PRESSE A PLATEAU HYDRAULIQUE**
[72] WYMANN, HANS, CH
[73] FEINTOOL INTERNATIONAL HOLDING, CH
[85] 1998-09-24
[86] 1997-03-14 (PCT/EP1997/001303)
[87] (WO1997/035710)
[30] DE (196 12 242.2) 1996-03-27

[11] **2,251,674**
[13] C

[51] **Int.Cl. 6G01N 27/327 6G01N 27/416 6G01N 33/553 6C12Q 1/68**
[25] EN
[54] **BIOSENSOR DEVICE AND METHOD**
[54] **BIOCAPTEUR ET METHODE AFFERENTE**
[72] LENNOX, R. BRUCE, CA
[72] BUNDLE, DAVID, CA
[72] IRVIN, RANDALL T., CA
[72] HODGES, ROBERT S., CA
[72] ARMSTRONG, GLEN, CA
[72] KITOV, PAVEL, CA
[72] RAILTON, CRAIG, CA
[73] MCGILL UNIVERSITY, CA
[73] PENCE INC., CA
[85] 1998-10-14
[86] 1997-04-25 (PCT/CA1997/000276)
[87] (WO1997/041425)
[30] US (60/016,196) 1996-04-25
[30] US (60/016,384) 1996-04-25
[30] US (60/016,385) 1996-04-25

[11] **2,257,745**
[13] C

[51] **Int.Cl. 6F16L 59/14 6F24F 13/02 6E04F 17/04**
[25] EN
[54] **THERMAL DUCT LINING INSULATION**
[54] **ISOLANT DE REVETEMENT DE CONDUIT THERMIQUE**
[72] HEISEY, KENNETH E., US
[72] HOUGH, PAUL A., US
[73] ARMACELL ENTERPRISE GMBH, DE
[22] 1999-01-04
[30] US (09/005,387) 1998-01-09

[11] **2,259,085**
[13] C

[51] **Int.Cl. 6H04J 3/16 6H04N 7/173 6H04B 10/207**
[25] EN
[54] **MULTI-ACCESS COMMUNICATION SYSTEM AND UPLINK BAND ALLOCATING METHOD**
[54] **SYSTEME DE COMMUNICATION A ACCES MULTIPLE ET METHODE D'ATTRIBUTION DE BANDE DE LIAISON MONTANTE**
[72] MATSUNAGA, YASUHIKO, JP
[72] MOMONA, MORIHISA, JP
[73] NEC CORPORATION, JP
[22] 1999-01-15
[30] JP (10-018318) 1998-01-16

[11] **2,259,605**
[13] C

[51] **Int.Cl. 6F04B 35/04**
[25] EN
[54] **LINEAR COMPRESSOR MOTOR**
[54] **MOTEUR A COMPRESSEUR LINEAIRE**
[72] DADD, MICHAEL WILLIAM, GB
[73] ISIS INNOVATION LIMITED, GB
[85] 1999-01-05
[86] 1997-07-08 (PCT/GB1997/001823)
[87] (WO1998/001674)
[30] GB (9614304.5) 1996-07-08

[11] **2,260,635**
[13] C

[51] **Int.Cl. 6G01M 17/00 6G11B 23/00 6G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR ACQUIRING AND QUANTIFYING VEHICULAR DAMAGE INFORMATION**
[54] **SYSTEME ET METHODE D'ACQUISITION ET DE QUANTIFICATION DE DONNEES SUR LES DOMMAGES CAUSES AUX VEHICULES**
[72] BOMAR, JOHN B., JR., US
[72] PANCRATZ, DAVID J., US
[72] SMITH, DARRIN A., US
[72] ROGERS, LINDA J., US
[72] KIDD, SCOTT D., US
[73] INJURY SCIENCES LLC, US
[22] 1999-02-03
[30] US (09/018,632) 1998-02-04

[11] **2,261,103**
[13] C

[51] **Int.Cl. 6C07C 233/91 6D06L 3/00 6C11D 3/39 6C11D 3/395**
[25] EN
[54] **UNSYMMETRICAL ACYCLIC IMIDE BLEACH ACTIVATORS AND COMPOSITIONS EMPLOYING THE SAME**
[54] **ACTIVATEURS DE BLANCHIMENT IMIDIQUES, ACYCLIQUES, DISSYMETRIQUES ET COMPOSITIONS RENFERMANT CEUX-CI**
[72] BURNS, MICHAEL EUGENE, US
[72] KOTT, KEVIN LEE, US
[72] MIRACLE, GREGORY SCOT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[22] 1999-02-03

[11] **2,261,597**
[13] C

[51] **Int.Cl. 6C08B 37/00 6C07H 23/00 6C07H 19/01 6C07H 15/04 6C07H 15/18 6A61K 31/725**
[25] FR
[54] **POLYSACCHARIDES SYNTHETIQUES, PROCEDE POUR LEUR PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[54] **SYNTHETIC POLYSACCHARIDES, PREPARATION METHOD THEREFOR AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**
[72] PETITOU, MAURICE, FR
[72] GROOTENHUIS, PETER, NL
[72] VAN BOECKEL, CONSTANT, NL
[72] BASTEN, JOHANNES, NL
[72] DRIGUEZ, PIERRE ALEXANDRE, FR
[72] DUCHAUSSOY, PHILIPPE, FR
[72] HERBERT, JEAN-MARC, FR
[72] DREEF-TROMP, CORNELIA, NL
[73] SANOFI-SYNTHELABO, FR
[85] 1999-01-18
[86] 1997-07-18 (PCT/FR1997/001344)
[87] (WO1998/003554)
[30] FR (96/09116) 1996-07-19

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[11] 2,262,777
[13] C

[51] Int.Cl. 6B21D 19/12 6B21D 19/08
[25] EN
[54] PROCESS FOR COLD FORMING TUBE ENDS
[54] PROCEDE D'ETIRAGE A FROID D'EXTREMITE DE TUBES
[72] SAVESCU, OVIDIU I., CA
[72] ROE, DEREK VERNON, CA
[73] COPPERWELD CANADA INC., CA
[22] 1999-02-24

[11] 2,262,845
[13] C

[51] Int.Cl. 6C22C 38/28 6H01F 1/147
[25] EN
[54] HEAVY DUTY SOFT MAGNETIC STEEL SUITABLE FOR WELDING AND ITS USE IN PARTS OF MAGNETIC LEVITATIONAL RAILWAYS
[54] ACIER MAGNETIQUE DOUX POUR SOUDAGE HAUTE PERFORMANCE ET SON EMPLOI POUR DES PARTIES DES CHEMINS DE FER A SUSTENTATION MAGNETIQUE
[72] TSCHERSICH, HANS-JOACHIM, DE
[72] SCHRIEVER, UDO, DE
[73] THYSSEN STAHL AG, DE
[85] 1999-02-01
[86] 1997-08-05 (PCT/EP1997/004245)
[87] (WO1998/006882)
[30] DE (196 32 370.3) 1996-08-10

[11] 2,263,953
[13] C

[51] Int.Cl. 6H05K 1/02 6H05K 7/20
[25] FR
[54] PROCEDE DE FABRICATION D'UN DISPOSITIF DE DISSIPATION DE L'ENERGIE THERMIQUE PRODUITE PAR DES COMPOSANTS ELECTRONIQUES IMPLANTES SUR UNE CARTE A CIRCUITS IMPRIMES, ET DISPOSITIF AINSI OBTENU
[54] METHOD FOR MANUFACTURING A DEVICE FOR BURNING OFF THERMAL ENERGY PRODUCED BY ELECTRONIC COMPONENTS EMBEDDED IN A PRINTED CIRCUIT CARD, AND RESULTING DEVICE
[72] DESSAUX, CHRISTOPHE, FR
[72] MOREAU, EMMANUEL, FR
[73] GIAT INDUSTRIES, FR
[85] 1999-02-17
[86] 1997-08-21 (PCT/FR1997/001510)
[87] (WO1998/008363)
[30] FR (96/10405) 1996-08-23

[11] 2,264,673
[13] C

[51] Int.Cl. 6H04R 25/02
[25] EN
[54] A COMPACT MODULAR IN-THE-EAR HEARING AID
[54] PROTHESE AUDITIVE "INTRA-AURICULAIRE" COMPACTE ET MODULAIRE
[72] OLSEN, JORGEN MEJNER, DK
[73] WIDEX A/S, DK
[85] 1999-03-01
[86] 1998-04-08 (PCT/DK1998/000148)
[87] (WO1998/047319)
[30] DK (0421/97) 1997-04-15

[11] 2,268,167
[13] C

[51] Int.Cl. 6E01C 7/18
[25] FR
[54] STRUCTURE TRICOUCHE DE CHAUSSEE
[54] THREE-LAYERED ROAD STRUCTURE
[72] GOACOLOU, HONORE, FR
[73] ENTREPRISE JEAN LEFEBVRE, FR
[85] 1999-03-31
[86] 1997-10-02 (PCT/FR1997/001740)
[87] (WO1998/014663)
[30] FR (96/12001) 1996-10-02

[11] 2,268,534
[13] C

[51] Int.Cl. 6C22C 14/00 6C22C 27/02 6C22C 27/06 6H01M 4/24
[25] EN
[54] HYDROGEN-ABSORBING ALLOY AND HYDROGEN-ABSORBING ALLOY ELECTRODE
[54] ALLIAGE ABSORBEUR D'HYDROGENE ET ELECTRODE EN ALLIAGE ABSORBEUR D'HYDROGENE
[72] MORI, TOSHIHIRO, JP
[72] IBA, HIDEKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 1999-04-08
[30] JP (10-120638) 1998-04-30

[11] 2,269,509
[13] C

[51] Int.Cl. 6A23L 1/223
[25] EN
[54] PROCESS FOR PREPARING UKON FOR FOOD
[54] PROCESSUS DE PREPARATION DE L'UKON COMME ALIMENT
[72] SADOYAMA, KEIICHI, JP
[73] HATSUK CORPORATION, US
[22] 1999-04-22
[30] JP (112085) 1998-04-22

[11] 2,271,619
[13] C

[51] Int.Cl. 6A01B 1/02 6A01G 23/06
[25] EN
[54] ROOT CUTTER TOOL
[54] COUPEUR DE RACINES DE PLANTES
[72] BREYER, STEPHEN R., US
[73] BREYER, STEPHEN R., US
[22] 1999-05-14
[30] US (09/079,988) 1998-05-15

[11] 2,272,135
[13] C

[51] Int.Cl. 6E04F 13/02 6E04C 2/22
[25] EN
[54] WALL REINFORCING AND WATERPROOFING SYSTEM AND METHOD OF FABRICATION
[54] SYSTEME ET METHODE DE RENFORCEMENT ET D'ETANCHEITE DE MURS
[72] MORTON, STEVEN E., US
[73] MORTON, STEVEN E., US
[22] 1999-05-18
[30] US (09/250,506) 1999-02-16

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[11] **2,272,630**
[13] C

[51] **Int.Cl. 6H05B 6/68 6H05B 6/74**
[25] EN
[54] **APPARATUS AND METHOD FOR MICROWAVE CURING OF RESINS IN ENGINEERED WOOD PRODUCTS**
[54] **PROCEDE ET DISPOSITIF DE DURCISSEMENT A HAUTE FREQUENCE DE RESINES DANS DU BOIS HAUTE TECHNOLOGIE**
[72] GROVES, LEONARD J., US
[72] ROBICHEAU, PETER, US
[72] MUKERJEE, DEEPAY, US
[72] HARRIS, GEORGE M., US
[73] EWES ENTERPRISES, L.L.C., US
[85] 1999-05-21
[86] 1997-10-24 (PCT/US1997/019347)
[87] (WO1998/023132)
[30] US (08/754,307) 1996-11-21

[11] **2,272,784**
[13] C

[51] **Int.Cl. 6E04D 1/28 6E04D 1/12**
[25] EN
[54] **LAMINATED SHINGLE**
[54] **BARDEAU STRATIFIE**
[72] QUARANTA, JOSEPH, US
[72] STAHL, KERMIT E., US
[72] NOONE, MICHAEL J., US
[73] CERTAINTEED CORPORATION, US
[22] 1999-05-28
[30] US (09/087,566) 1998-05-29

[11] **2,273,255**
[13] C

[51] **Int.Cl. 6F02M 37/00 6F02B 67/00**
[25] EN
[54] **AIR VENT STRUCTURE FOR SUBSIDIARY FUEL TANK OF AN ENGINE**
[54] **STRUCTURE D'UN EVENT POUR UN RESERVOIR D'ESSENCE AUXILIAIRE D'UN MOTEUR**
[72] WADA, TETSU, JP
[72] SHIDARA, SADAFUMI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[85] 1999-05-28
[86] 1997-12-19 (PCT/JP1997/004699)
[87] (WO1998/027332)
[30] JP (8-340221) 1996-12-19

[11] **2,274,238**
[13] C

[51] **Int.Cl. 6F16K 3/18 6F16K 3/28 6F16K 3/314**
[25] EN
[54] **GATE ASSEMBLY FOR A DOUBLE DISK GATE VALVE**
[54] **ASSEMBLAGE D'OBTURATEUR POUR ROBINET-VANNE A DOUBLE DISQUE**
[72] KENNEDY, PAUL G., US
[73] MCWANE, INC., US
[22] 1999-06-10
[30] US (09/095,791) 1998-06-11

[11] **2,276,841**
[13] C

[51] **Int.Cl. 6E21B 10/46**
[25] EN
[54] **UNPLANAR NON-AXISYMMETRIC INSERTS**
[54] **INSERTIONS NON PLANAIRES ET NON AXISYMETRIQUES**
[72] SOUTHLAND, STEPHEN G., US
[73] SMITH INTERNATIONAL, INC., US
[22] 1999-07-05
[30] US (60/091,965) 1998-07-07

[11] **2,278,024**
[13] C

[51] **Int.Cl. 6E21B 43/25 6E21B 28/00 6E21B 43/00**
[25] EN
[54] **PROCESS FOR STIMULATION OF OIL WELLS**
[54] **PROCEDE DE STIMULATION DE PUIT DE PETROLE**
[72] ELLINGSEN, OLAV, NO
[73] EUREKA OIL ASA, NO
[85] 1999-07-15
[86] 1998-01-15 (PCT/NO1998/000013)
[87] (WO1998/031918)
[30] NO (970194) 1997-01-16

[11] **2,279,169**
[13] C

[51] **Int.Cl. 6E02F 3/36**
[25] EN
[54] **PARKING STAND FOR TRACTOR FRONT END LOADER**
[54] **SUPPORT STATIONNAIRE POUR TRACTOCHARGEUR**
[72] GUIET, LIONEL, FR
[73] DEERE & COMPANY, US
[22] 1999-07-30
[30] DE (198 34 773.1) 1998-08-01

[11] **2,279,583**
[13] C

[51] **Int.Cl. 6H04B 1/59 6G01S 13/75**
[25] EN
[54] **METHOD FOR CALIBRATING AND MONITORING OF TRANSPONDER MEASURING MEANS**
[54] **METHODE DE SURVEILLANCE ET D'ETALONNAGE D'UN MOYEN DE MESURE D'UN TRANSPONDEUR**
[72] ELLWOOD, DAVID, US
[72] URBAS, DONALD J., US
[73] BIO MEDIC DATA SYSTEMS, INC., US
[22] 1995-10-02
[62] 2,159,679
[30] US (08/322,644) 1994-10-13
[30] US (08/497,349) 1995-06-30

[11] **2,279,584**
[13] C

[51] **Int.Cl. 6H04B 1/59 6G01S 13/75**
[25] EN
[54] **PASSIVE TRANSPONDER WITH ENERGY EFFICIENT MEASURING MEANS**
[54] **TRANSPONDEUR PASSIF AVEC MOYEN DE MESURE EFFICIENTE DE L'ENERGIE**
[72] URBAS, DONALD J., US
[72] ELLWOOD, DAVID, US
[73] BIO MEDIC DATA SYSTEMS, INC., US
[22] 1995-10-02
[62] 2,159,679
[30] US (08/322,644) 1994-10-13
[30] US (08/497,349) 1995-06-30

[11] **2,280,362**
[13] C

[51] **Int.Cl. 6B26D 1/04**
[25] EN
[54] **MAT CUTTER WITH CLAMPING SYSTEM AND CUTTING HEAD**
[54] **COUTEAU D'ENCADREUR AVEC SYSTEME DE SERRAGE ET TETE DE COUPE**
[72] PETERS, ALAN R., US
[72] KOZYRSKI, VINCENT T., US
[73] THE FLETCHER-TERRY COMPANY, US
[22] 1999-08-17
[30] US (09/151,179) 1998-09-10

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[11] **2,281,478**
[13] C
[51] Int.Cl. 6A47K 10/38 6A47K 10/22
[25] EN
[54] **CLEANING DEVICE AND METHOD**
[54] **DISPOSITIF DE NETTOYAGE ET METHODE CONNEXE**
[72] RUSSO, PETER B., US
[73] ILLINOIS TOOL WORKS INC., US
[22] 1999-08-26
[30] US (09/140,700) 1998-08-26

[11] **2,282,095**
[13] C
[51] Int.Cl. 6F04B 43/02
[25] EN
[54] **VALVE PLATE AND DISTRIBUTOR PLATE**
[54] **PLATEAU PORTE-SOUPAPE ET PLATEAU DE DISTRIBUTION**
[72] OLSON, LAWRENCE P., US
[73] OLSON, LAWRENCE P., US
[22] 1999-09-14
[30] US (60/100,100) 1998-09-14

[11] **2,283,028**
[13] C
[51] Int.Cl. 6B62D 37/00 6B62D 33/067
[25] EN
[54] **LEVELLING SYSTEM AND METHOD FOR OFF-ROAD VEHICLES**
[54] **SYSTEME DE MISE A NIVEAU ET METHODE POUR VEHICULES TOUS TERRAINS**
[72] ISLEY, REGGALD EMORY, CA
[73] RISLEY ENTERPRISES LTD., CA
[22] 1999-09-22
[30] US (09/159,839) 1998-09-24

[11] **2,284,166**
[13] C
[51] Int.Cl. 6A61F 13/02 6A61F 7/02
[25] EN
[54] **FLEXIBLE NON-CONTACT WOUND TREATMENT DEVICE WITH A SINGLE JOINT**
[54] **DISPOSITIF DE TRAITEMENT DE BLESSURES SANS CONTACT ET FLEXIBLE POSSEDANT UN JOINT UNIQUE**
[72] AUGUSTINE, SCOTT D., US
[72] ROCK, JOHN P., US
[73] ARIZANT HEALTHCARE INC., US
[85] 1999-09-10
[86] 1998-01-14 (PCT/US1998/000344)
[87] (WO1998/046178)
[30] US (08/843,072) 1997-04-11

[11] **2,284,278**
[13] C
[51] Int.Cl. 6A61K 38/17
[25] EN
[54] **HISTONE CONTAINING COMPOSITION TO TREAT RHEUMATOID ARTHRITIS**
[54] **COMPOSITION CONTENANT DES HISTONES ET UTILE DANS LE TRAITEMENT DE L'ARTHRITE RHUMATOIDE**
[72] BAE, INSOO, KR
[72] KIM, DONG-SOO, KR
[72] HONG, SEUNG-SUH, KR
[72] YI, YONG-WEON, KR
[72] LEE, HYUN-SOO, KR
[72] JUNG, NEON-CHEOL, KR
[72] YIM, HEAJOON, KR
[73] SAMYANG GENEX CORPORATION, KR
[85] 1999-09-20
[86] 1999-01-23 (PCT/KR1999/000037)
[87] (WO1999/037318)
[30] KR (1998-3362) 1998-01-24

[11] **2,284,413**
[13] C
[51] Int.Cl. 6F16B 45/00 6A47G 1/20
[25] EN
[54] **A STRUCTURE FOR AND METHOD OF MOUNTING AN OBJECT ON A VERTICAL SURFACE AND A LAMINATED BACKING FOR SUCH A STRUCTURE**
[54] **DISPOSITIF ET METHODE POUR LE MONTAGE D'UN OBJET SUR UNE SURFACE VERTICALE ET ENVERS LAMINE POUR CE DISPOSITIF**
[72] WECK, DAVID, US
[72] BERENSON, STEVEN C., US
[73] WECK, DAVID, US
[73] BERENSON, STEVEN C., US
[22] 1999-09-30
[30] US (09/165,215) 1998-10-02

[11] **2,284,427**
[13] C
[51] Int.Cl. 6B21D 11/14
[25] EN
[54] **TWISTING MACHINE FOR POLYGONAL CROSS-SECTION BARS**
[54] **MACHINE A TORSADER DES PROFILES A SECTION POLYGONALE**
[72] CAPORUSSO, ALESSANDRO, IT
[72] CAPORUSSO, MARIO, IT
[73] CML INTERNATIONAL S.P.A., IT
[22] 1999-09-30
[30] IT (RM98A000621) 1998-10-01

[11] **2,284,575**
[13] C
[51] Int.Cl. 6C22C 21/00 6C22F 1/04
[25] EN
[54] **ALUMINUM ALLOY COMPOSITION AND METHOD OF MANUFACTURE**
[54] **COMPOSITION EN ALLIAGE D'ALUMINIUM ET PROCEDE DE FABRICATION**
[72] MONTGRAIN, LUC, US
[72] NADKARNI, SADASHIV, US
[72] PULLIAM, DANIEL, US
[72] DAVISSON, THOMAS L., US
[73] ALCAN INTERNATIONAL LIMITED, CA
[85] 1999-09-21
[86] 1998-03-18 (PCT/CA1998/000238)
[87] (WO1998/045492)
[30] US (60/042,689) 1997-04-04

[11] **2,285,056**
[13] C
[51] Int.Cl. 6A61N 1/18 6A61N 5/00
[25] EN
[54] **METHOD FOR INTRODUCING PHARMACEUTICAL DRUGS AND NUCLEIC ACIDS INTO SKELETAL MUSCLE**
[54] **METHODE POUR L'INTRODUCTION DE SUBSTANCES PHARMACEUTIQUES ET D'ACIDES NUCLEIQUES DANS LE MUSCLE SQUELETTIQUE**
[72] LOMO, TERJE, NO
[72] MATHIESEN, IACOB, NO
[73] ELECTROFECT AS, NO
[85] 1999-09-22
[86] 1998-04-03 (PCT/IB1998/000487)
[87] (WO1998/043702)
[30] US (60/042,594) 1997-04-03

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[11] **2,285,189**
[13] C

[51] **Int.Cl. 6G01N 15/02**
[25] EN
[54] **A SYSTEM FOR ACQUIRING AN IMAGE OF A MULTI-PHASE FLUID BY MEASURING BACKSCATTERED LIGHT**
[54] **SYSTEME D'ACQUISITION D'IMAGES D'UN FLUIDE EN PLUSIEURS PHASES PAR MESURE DE LA LUMIERE RETRODIFFUSEE**
[72] REED, BARRY W., US
[72] HOKANSON, JON V., US
[72] HAMANN, OLIVER S., US
[72] MONTAGUE, THOMAS W., US
[73] LASER SENSOR TECHNOLOGY, INC., US
[85] 1999-09-30
[86] 1998-04-01 (PCT/US1998/006511)
[87] (WO1998/045682)
[30] US (08/835,188) 1997-04-07

[11] **2,286,092**
[13] C

[51] **Int.Cl. 6A61K 9/16 6A61K 38/00 6A61K 38/18 6A61K 38/21 6A61K 38/22**
[25] EN
[54] **SUSTAINED-RELEASE ALGINATE GELS**
[54] **GELS D'ALGINATE A LIBERATION PROLONGEE**
[72] BEEKMAN, ALICE C., US
[72] GOLDENBERG, MERRILL SEYMOUR, US
[73] AMGEN INC., US
[85] 1999-10-13
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[87] (WO1998/046211)
[30] US (08/842,756) 1997-04-17

[11] **2,286,889**
[13] C

[51] **Int.Cl. 6E21B 34/10 6F16K 31/122**
[25] EN
[54] **PRESSURE-BALANCED ROD PISTON CONTROL SYSTEM FOR A SUBSURFACE SAFETY VALVE**
[54] **SYSTEME DE COMMANDE DE PISTON A TIGE A PRESSION D'EQUILIBRE POUR SOUPEPE DE SURETE SOUTERRAINE**
[72] ADAMS, JEFFREY K., US
[72] ALLISON, JAMES, US
[73] BAKER HUGHES INCORPORATED, US
[22] 1999-10-15
[30] US (09/173,515) 1998-10-15

[11] **2,288,905**
[13] C

[51] **Int.Cl. 6D01F 6/12**
[25] EN
[54] **VINYLLIDENE FLUORIDE RESIN MONOFILAMENT AND FISHING LINE PREPARED THEREFROM**
[54] **MONOFILAMENT EN RESINE AU FLUORURE DE VINYLLIDENE ET FIL DE PECHE PREPARE AVEC CE DERNIER**
[72] MIZUNO, TOSHIYA, JP
[72] MUNAKATA, KAZUYUKI, JP
[72] SATO, TAKASHI, JP
[72] OHIRA, SEIICHI, JP
[73] KUREHA CHEMICAL INDUSTRY CO., LTD., JP
[85] 1999-10-22
[86] 1998-04-23 (PCT/JP1998/001864)
[87] (WO1998/048087)
[30] JP (9/120360) 1997-04-23

[11] **2,289,697**
[13] C

[51] **Int.Cl. 7H04N 7/14 7H04N 7/15**
[25] EN
[54] **TELECONFERENCING ROBOT WITH SWIVELING VIDEO MONITOR**
[54] **ROBOT DE TELECONFERENCE AVEC MONITEUR VIDEO PIVOTANT**
[72] FELS, DEBORAH INGRID, CA
[72] SMITH, GRAHAM THOMAS, CA
[72] TREVIRANUS, JUTTA, CA
[73] TELBOTICS INC., CA
[73] RYERSON POLYTECHNIC UNIVERSITY, CA
[73] THE UNIVERSITY OF TORONTO, CA
[85] 1999-11-05
[86] 1998-05-06 (PCT/CA1998/000463)
[87] (WO1998/051078)
[30] US (60/045,793) 1997-05-07

[11] **2,290,632**
[13] C

[51] **Int.Cl. 7A41G 3/00**
[25] EN
[54] **WIG FIXING MEMBER AND METHOD OF USING THE SAME**
[54] **ELEMENT DE FIXATION DE PERRUQUE ET PROCEDE D'UTILISATION ASSOCIE**
[72] ITO, MASATAKA, JP
[72] MAKINO, MASAHIRO, JP
[72] SEKI, MASATOSHI, JP
[73] ADERANS CO., LTD., JP
[85] 1999-11-18
[86] 1998-09-29 (PCT/JP1998/004365)
[87] (WO1999/048394)
[30] JP (10/92214) 1998-03-23

[11] **2,290,740**
[13] C

[51] **Int.Cl. 7C12Q 1/68 7G01N 33/566 7G01N 33/58 7C12Q 1/70**
[25] EN
[54] **METHOD BASED ON THE USE OF BACTERIOPHAGES FOR THE DETECTION OF BIOLOGICAL MOLECULES IN BIOLOGICAL SAMPLES**
[54] **PROCEDE BASE SUR L'UTILISATION DE BACTERIOPHAGES POUR LA DETECTION DE MOLECULES BIOLOGIQUES DANS DES ECHANTILLONS BIOLOGIQUES**
[72] MONACI, PAOLO, IT
[72] CORTESE, RICCARDO, IT
[73] ISTITUTO DI RICERCA DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A., IT
[85] 1999-11-19
[86] 1998-05-22 (PCT/IT1998/000130)
[87] (WO1998/053100)
[30] IT (RM97A000304) 1997-05-22

[11] **2,290,957**
[13] C

[51] **Int.Cl. 7A61B 6/00**
[25] EN
[54] **NON-INVASIVE CONTINUOUS BLOOD GLUCOSE MONITORING**
[54] **GLYCOMETRIE CONTINUE NON INVASIVE**
[72] BUCHERT, JANUSZ M., US
[73] BUCHERT, JANUSZ M., US
[85] 1999-11-25
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[13] C
[51] **Int.Cl. 7C12N 1/20 7C22B 47/00 7C02F 3/34**
[25] EN
[54] **NOVEL MICROORGANISMS, MICROBIAL SYMBIONTS, THEIR CULTURE METHODS, AND METHODS FOR TREATING MANGANESE-CONTAINING WATER USING THEM**
[54] **NOUVEAUX MICROORGANISMES, SYMBIONTES MICROBIENS, LEURS METHODES DE CULTURE ET METHODES POUR TRAITER L'EAU CONTENANT DU MANGANESE EN LES UTILISANT**
[72] TASHIRO, HIDETOSHI, JP
[72] USUI, AKIRA, JP
[72] KATO, YOSHISHIGE, JP
[72] MITA, NAOKI, JP
[72] MARUYAMA, AKIHIKO, JP
[72] KANAI, YUTAKA, JP
[72] HIGASHIHARA, TAKANORI, JP
[72] MIURA, HIROYUKI, JP
[72] ITO, TAKASHI, JP
[73] MITA, NAOKI, JP
[73] KANAI, YUTAKA, JP
[73] KATO, YOSHISHIGE, JP
[73] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
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[30] JP (377190/1998) 1998-12-28
[30] JP (112735/1999) 1999-04-20

[11] **2,294,004**
[13] C
[51] **Int.Cl. 7H04N 1/00**
[25] EN
[54] **LINEAR SENSOR IMAGING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'IMAGERIE A CAPTEURS LINEAIRES**
[72] IMMEGA, GUY BROER, CA
[72] VANDERKOOY, GEOFFREY EDWARD, CA
[73] KINETIC SCIENCES INC., CA
[85] 1999-12-17
[86] 1998-07-15 (PCT/CA1998/000690)
[87] (WO1999/004550)
[30] US (08/892,577) 1997-07-16

[11] **2,294,079**
[13] C
[51] **Int.Cl. 7B65D 71/00**
[25] EN
[54] **CARTON AND A HANDLE THEREFOR**
[54] **CARTON ET SA POIGNEE**
[72] STOUT, JAMES T., US
[73] MEADWESTVACO PACKAGING SYSTEMS LLC, US
[85] 1999-12-08
[86] 1998-06-08 (PCT/US1998/011860)
[87] (WO1998/056681)
[30] US (08/871,927) 1997-06-10

[11] **2,294,773**
[13] C
[51] **Int.Cl. 7C02F 1/52 7B01D 21/24 7B01D 21/30 7B01D 21/32**
[25] EN
[54] **COAGULATOR**
[54] **DISPOSITIF DE COAGULATION**
[72] OCHIAI, HISAAKI, JP
[72] MIYANOSHITA, TOMOAKI, JP
[73] ORGANO CORPORATION, JP
[85] 2000-01-04
[86] 1999-04-30 (PCT/JP1999/002322)
[87] (WO1999/058456)
[30] JP (10/125825) 1998-05-08

[11] **2,295,347**
[13] C
[51] **Int.Cl. 7B25B 7/04**
[25] EN
[54] **ADJUSTABLE PLIERS**
[54] **PINCES REGLABLES AMELIOREES**
[72] AZKONA OLLACARIZQUETA, MANUEL, ES
[73] SUPER-EGO TOOLS, S.A., ES
[22] 2000-01-12
[30] ES (U-9901131) 1999-05-03

[11] **2,296,195**
[13] C
[51] **Int.Cl. 7E21B 17/07 7F16L 27/12**
[25] EN
[54] **LOCKING TELESCOPING JOINT FOR USE IN A CONDUIT CONNECTED TO A WELLHEAD**
[54] **RACCORD COULISSANT DE BLOCAGE POUR RACCORDER UN CONDUIT A UNE TETE DE PUIITS**
[72] HAYNES, MICHAEL JONATHON, CA
[73] HAYNES, MICHAEL JONATHON, CA
[22] 2000-01-17
[30] US (09/448,645) 1999-11-24

[11] **2,296,535**
[13] C
[51] **Int.Cl. 7C12Q 1/68 7A61K 48/00 7C07H 21/02 7C07H 21/04 7C12P 19/34 7C12Q 1/70**
[25] EN
[54] **ANTISENSE OLIGONUCLEOTIDE INHIBITION OF RAS**
[54] **INHIBITION DU GENE RAS A L'AIDE D'OLIGONUCLEOTIDES ANTISENS**
[72] COWSERT, LEX M., US
[72] MONIA, BRETT P., US
[72] MANOHARAN, MUTHIAH, US
[73] ISIS PHARMACEUTICALS, INC., US
[85] 2000-01-07
[86] 1998-07-06 (PCT/US1998/013966)
[87] (WO1999/002732)
[30] US (08/889,296) 1997-07-08

[11] **2,296,975**
[13] C
[51] **Int.Cl. 7E21B 23/00**
[25] EN
[54] **PULL-THROUGH TUBING STRING ROTATOR FOR AN OIL WELL**
[54] **DISPOSITIF SERVANT A FAIRE REMONTER EN TOURNANT DES TRAINS DE TUBES D'UN PUIITS DE PETROLE**
[72] BLUNDELL, CHRIS C., CA
[72] WRIGHT, ANDREW J., CA
[72] RING, CURTIS PHILLIP, CA
[73] ROBBINS & MYERS CANADA, LTD., CA
[22] 2000-01-24
[30] US (09/257,007) 1999-02-25

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[13] C

[51] **Int.Cl. 7F02F 3/24 7F02B 3/02 7F02F 3/28**
[25] EN
[54] **DIRECT-FUEL-INJECTION-TYPE SPARK-IGNITION INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE A BOUGIES D'ALLUMAGE DE TYPE A INJECTION DIRECTE**
[72] TSUTSUMI, YASUHITO, JP
[72] BAIKA, TOYOKAZU, JP
[72] KOBAYASHI, TATSUO, JP
[72] FUJIMORI, KOUKICHI, JP
[72] ABE, SHIZUO, JP
[72] HASHIMA, TAKASHI, JP
[72] MURAMATSU, NOBUYUKI, JP
[72] MATUSITA, SOUICHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2000-02-03
[30] JP (11-028377) 1999-02-05

[11] **2,300,020**
[13] C

[51] **Int.Cl. 7H05K 1/02 7H05K 3/34**
[25] EN
[54] **ELECTRONIC CIRCUIT BOARD AND SOLDERING METHOD THEREFOR**
[54] **CARTE DE CIRCUIT ELECTRONIQUE ET METHODE DE SOUDAGE PERTINENTE**
[72] SOMEYA, KEISUKE, JP
[72] OKABE, AKIRA, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 2000-02-25
[30] JP (11-052056) 1999-02-26

[11] **2,301,255**
[13] C

[51] **Int.Cl. 7B01D 17/00 7C10G 29/00 7B01D 17/04 7C10G 29/20**
[25] EN
[54] **METHOD OF INHIBITING FOAM FORMATION IN ALKANOLAMINE SYSTEMS**
[54] **PROCEDE EMPECHANT LA FORMATION DE MOUSSE DANS DES SYSTEMES D'ALCANOLAMINES**
[72] HART, PAUL R., US
[73] BETZDEARBORN INC., US
[85] 2000-02-16
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[87] (WO1999/013957)
[30] US (08/932,138) 1997-09-16

[11] **2,304,447**
[13] C

[51] **Int.Cl. 7B63H 3/12 7B63H 3/02**
[25] EN
[54] **A MARINE PROPELLER**
[54] **HELICE MARINE**
[72] SAMUELSSON, ANDERS, SE
[73] SAMUELSSON, ANDERS, SE
[85] 2000-03-24
[86] 1998-09-24 (PCT/SE1998/001719)
[87] (WO1999/015399)
[30] SE (9703466-4) 1997-09-25

[11] **2,305,903**
[13] C

[51] **Int.Cl. 6G06K 9/00**
[25] EN
[54] **METHOD FOR MONITORING NITROGEN STATUS USING A MULTISPECTRAL IMAGING SYSTEM**
[54] **PROCEDE DE SURVEILLANCE DE LA TENEUR EN AZOTE A L'AIDE D'UN SYSTEME D'IMAGERIE MULTISPECTRALE**
[72] REID, JOHN F., US
[72] DICKSON, MONTE ANDRE, US
[72] HENDRICKSON, LARRY LEE, US
[73] CASE CORPORATION, US
[85] 2000-04-10
[86] 1998-10-09 (PCT/US1998/021334)
[87] (WO1999/019824)
[30] US (08/948,637) 1997-10-10

[11] **2,306,855**
[13] C

[51] **Int.Cl. 6B25B 13/46**
[25] EN
[54] **RATCHET WRENCH**
[54] **CLE A CLIQUET**
[72] DAVIDSON, JOHN B., US
[72] ROBERTS, PETER M., US
[73] JODA ENTERPRISES, INC., US
[85] 2000-04-05
[86] 1998-10-05 (PCT/US1998/020899)
[87] (WO1999/017907)
[30] US (60/062,671) 1997-10-08
[30] US (60/081,207) 1998-04-09

[11] **2,307,974**
[13] C

[51] **Int.Cl. 7E05B 73/00 7A47B 97/00**
[25] EN
[54] **ANTI-THEFT DEVICE FOR OFFICE EQUIPMENT**
[54] **DISPOSITIF ANTIVOL POUR EQUIPEMENT DE BUREAU**
[72] GALANT, STEVE N., CA
[73] CNC ATLAS MANUFACTURING INC., CA
[22] 2000-05-10
[30] US (09/309,491) 1999-05-11
[30] US (09/481,522) 2000-01-12

[11] **2,309,644**
[13] C

[51] **Int.Cl. 6F16B 23/00**
[25] EN
[54] **IMPROVED STRUCTURE OF A MULTI-ANGLE NUT AND ITS DRIVING OR UNSCREWING TOOL**
[54] **STRUCTURE AMELIOREE D'ECROU MULTIANGULAIRE ET SON OUTIL DE VISSAGE OU DEVISSAGE**
[72] ZHANG, ZHEN-HAI, XX
[73] ZHANG, ZHEN-HAI, XX
[85] 2000-05-09
[86] 1998-09-10 (PCT/CN1998/000186)
[87] (WO2000/015966)

[11] **2,310,350**
[13] C

[51] **Int.Cl. 7A62B 18/08 7A47J 41/00 7A45F 3/16 7B65D 41/26 7B65D 81/38**
[25] EN
[54] **ADAPTER FOR PROVIDING FLUID CONTROL BETWEEN A CANTEEN AND FACE MASK FLUID TUBE**
[54] **ADAPTATEUR PERMETTANT DE REGULER LE LIQUIDE ENTRE UNE GOURDE ET UN TUBE A LIQUIDE DE MASQUE FACIAL**
[72] BUCCI, KIMBERLEY, CA
[72] SAVAGE, JOHN, CA
[73] DEW ENGINEERING AND DEVELOPMENT LIMITED, CA
[22] 2000-05-30
[30] CA (2,285,491) 1999-10-07

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[13] C

[51] Int.Cl. 6A61M 5/20 6A61M 5/158
[25] EN
[54] INSERTION DEVICE FOR AN INSERTION SET AND METHOD OF USING THE SAME
[54] DISPOSITIF D'INSERTION POUR ENSEMBLE D'INSERTION ET SON PROCEDE D'UTILISATION
[72] FUNDERBURK, JEFFREY V., US
[72] ADAIR, RANDY W., US
[72] MCCONNELL, SUSAN M., US
[72] MARANO, APRIL A., US
[72] SAFABASH, JASON H., US
[72] FIELD, JEFFREY F., US
[73] MEDTRONIC MINIMED, INC., US
[85] 2000-06-02
[86] 1998-12-18 (PCT/US1998/026978)
[87] (WO1999/033504)
[30] US (09/002,303) 1997-12-31
[30] US (09/215,356) 1998-12-18

[11] 2,313,454
[13] C

[51] Int.Cl. 6E05B 11/06
[25] EN
[54] IMPROVED CYLINDER LOCK SYSTEM
[54] SYSTEME AMELIORE DE SERRURE A CYLINDRE
[72] THERIAULT, KENNETH T., US
[72] EDEN, CHARLES W., JR., US
[73] INTERNATIONAL SECURITY PRODUCTS, INC., US
[85] 2000-06-08
[86] 1998-10-15 (PCT/US1998/021878)
[87] (WO2000/022262)

[11] 2,314,412
[13] C

[51] Int.Cl. 7E21B 33/12 7E21B 33/03 7F16J 15/56
[25] EN
[54] STRIPPER PACKER
[54] DISPOSITIF D'ETANCHEITE POUR TIGE D'EXTRACTION
[72] WIEDEMANN, JIM, CA
[73] VANOIL EQUIPMENT INC., CA
[22] 2000-07-25

[11] 2,315,359
[13] C

[51] Int.Cl. 7B32B 15/04 7C22C 47/00 7B23K 20/02
[25] FR
[54] PROCEDE D'OBTENTION DE PIECES METALLIQUES MINCES, LEGERES ET RIGIDES
[54] METHOD FOR OBTAINING THIN, LIGHT AND RIGID METAL PARTS
[72] MOLLIEUX, LUDOVIC EDMOND CAMILLE, FR
[72] GAUTHIER, GERARD PHILIPPE, FR
[72] GIRAULT, DANIEL GEORGES, FR
[73] SNECMA MOTEURS, FR
[85] 2000-06-08
[86] 1999-10-15 (PCT/FR1999/002515)
[87] (WO2000/021746)
[30] FR (98/12917) 1998-10-15

[11] 2,315,650
[13] C

[51] Int.Cl. 7B23K 9/12 7B23K 9/00
[25] EN
[54] ELECTRIC WELDING APPARATUS AND METHOD
[54] METHODE ET APPAREIL POUR LA SOUDURE ELECTRIQUE
[72] STAVA, ELLIOTT K., US
[73] LINCOLN GLOBAL, INC., US
[22] 2000-08-11
[30] US (09/376,401) 1999-08-18

[11] 2,316,415
[13] C

[51] Int.Cl. 7C22B 1/14 7C22B 1/20
[25] EN
[54] METHOD AND APPARATUS FOR DRYING IRON ORE PELLETS
[54] METHODE ET APPAREIL POUR LE SECHAGE DE PASTILLES DE MINERAI DE FER
[72] CHAPMAN, DANIEL R., US
[73] CHAPMAN, DANIEL R., US
[22] 2000-08-18
[30] US (09/455,384) 1999-12-06
[30] US (09/613,490) 2000-07-11

[11] 2,318,217
[13] C

[51] Int.Cl. 6F16J 3/00 6F16J 15/02 6F01D 5/20
[25] EN
[54] ELASTOMER SEAL FOR ADJUSTABLE SIDE LINERS OF PUMPS
[54] JOINT D'ETANCHEITE ELASTOMERE POUR CHEMISES LATERALES REGLABLES DE POMPE
[72] HILL, THOMAS G., US
[73] WEIR SLURRY GROUP, INC., US
[85] 2000-07-14
[86] 1999-02-02 (PCT/US1999/002248)
[87] (WO1999/041530)
[30] US (09/022,690) 1998-02-12

[11] 2,318,586
[13] C

[51] Int.Cl. 6H01J 49/40 6H01J 49/04
[25] EN
[54] MASS SPECTROMETRY FROM SURFACES
[54] SPECTROMETRIE DE MASSE DEPUIS DES SURFACES
[72] ANDRIEN, BRUCE A., JR., US
[72] WHITEHOUSE, CRAIG M., US
[73] ANALYTICA OF BRANFORD, INC., US
[85] 2000-07-19
[86] 1999-01-22 (PCT/US1999/001292)
[87] (WO1999/038194)
[30] US (60/072,246) 1998-01-23

[11] 2,318,673
[13] C

[51] Int.Cl. 7H01R 13/646
[25] EN
[54] COMMUNICATION CONNECTOR ASSEMBLY WITH CROSSTALK COMPENSATION
[54] CONNECTEUR DE COMMUNICATION AVEC COMPENSATION DE L'EMPREINTE MAGNETIQUE
[72] HASHIM, AMID IHSAN, US
[72] GOODRICH, ROBERT RAY, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 2000-09-11
[30] US (09/400,637) 1999-09-21

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[11] **2,319,797**
[13] C

[51] **Int.Cl. 6A47J 37/08**
[25] EN
[54] **CONTACT TOASTER WITH INFINITE ADJUSTMENT**
[54] **GRILLE-PAIN A CONTACT ET REGLAGE INFINI**
[72] SANK, GERALD W., US
[72] SCHREINER, JASON DAVID, US
[73] MERCO/SAVORY, INC., US
[85] 2000-08-01
[86] 1999-02-24 (PCT/US1999/003933)
[87] (WO1999/043244)
[30] US (60/075,977) 1998-02-25

[11] **2,322,278**
[13] C

[51] **Int.Cl. 6B27N 1/02 6G01N 21/35**
[25] EN
[54] **A METHOD FOR CONTROLLING A PROCESS FOR THE PRODUCTION OF A CELLULOSE FIBRE CONTAINING PRODUCT**
[54] **PROCEDE POUR CONTROLER UN PROCESSUS DE FABRICATION D'UN PRODUIT CONTENANT DES FIBRES DE CELLULOSE**
[72] JOHNSSON, BO, SE
[72] ENGSTROM, BJORN, SE
[72] NORDIN, SOFIA, SE
[73] AKZO NOBEL N.V., NL
[85] 2000-08-28
[86] 1999-02-04 (PCT/SE1999/000144)
[87] (WO1999/045367)
[30] EP (98850031.0) 1998-03-05

[11] **2,322,400**
[13] C

[51] **Int.Cl. 7F25J 1/02**
[25] EN
[54] **SINGLE MIXED REFRIGERANT GAS LIQUEFACTION PROCESS**
[54] **PROCEDE DE LIQUEFACTION DE GAZ AVEC UN SEUL FLUIDE CALOPORTEUR MIXTE**
[72] DAUGHERTY, TAMARA LYNN, US
[72] AGRAWAL, RAKESH, US
[72] ROBERTS, MARK JULIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2000-10-05
[30] US (09/415,636) 1999-10-12

[11] **2,322,915**
[13] C

[51] **Int.Cl. 7F01N 11/00**
[25] EN
[54] **EXHAUST EMISSION CONTROL SYSTEM FOR INTERNAL COMBUSTION ENGINE**
[54] **SYSTEME DE CONTROLE DES GAZ D'ECHAPPEMENT POUR MOTEUR A COMBUSTION INTERNE**
[72] TANABE, YUICHIRO, JP
[72] HASHIMOTO, AKIRA, JP
[72] MIYASHITA, KOTARO, JP
[72] TAKANOHASHI, TOSHIKATSU, JP
[72] HASHIZUME, MITSUO, JP
[72] MURAKAMI, AKIRA, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[22] 2000-10-11
[30] JP (11-289214) 1999-10-12
[30] JP (11-326128) 1999-11-16

[11] **2,323,020**
[13] C

[51] **Int.Cl. 7C01B 3/56 7C07C 1/04**
[25] EN
[54] **PRODUCTION OF HYDROGEN USING METHANATION AND PRESSURE SWING ADSORPTION**
[54] **PRODUCTION D'HYDROGENE PAR METHANISATION ET ADSORPTION MODULEE EN PRESSION**
[72] CHATTERJEE, NIRMAL, US
[72] SNYDER, GREGORY DAVID, US
[72] BUCCI, DONALD PETER, US
[72] REPASKY, JOHN MICHAEL, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2000-10-06
[30] US (09/418,086) 1999-10-14

[11] **2,323,108**
[13] C

[51] **Int.Cl. 6A47C 27/08 6A47C 17/13 6A47C 27/22**
[25] EN
[54] **SLEEPER SOFA WITH AN AIR MATTRESS**
[54] **CANAPE-LIT A MATELAS PNEUMATIQUE**
[72] MCKIM, DARREN M., US
[72] FLANEGAN, JAMES A., US
[72] LARSON, TROY W., US
[72] KRAFT, DIETER H., US
[73] SELECT COMFORT CORP., US
[85] 2000-09-06
[86] 1999-03-11 (PCT/US1999/005371)
[87] (WO1999/045825)
[30] US (60/077,498) 1998-03-11

[11] **2,323,297**
[13] C

[51] **Int.Cl. 7C07C 211/08 7C07C 213/02 7C07C 215/08 7C07C 217/08 7C07C 211/21 7C07C 211/27 7C07C 209/48**
[25] EN
[54] **SELECTIVE REDUCTIVE AMINATION OF NITRILES**
[54] **AMINATION SELECTIVE REDUCTRICE DE NITRILES**
[72] FORD, MICHAEL EDWARD, US
[72] ARMOR, JOHN NELSON, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2000-10-13
[30] US (09/425,678) 1999-10-22

[11] **2,324,829**
[13] C

[51] **Int.Cl. 7A63B 57/00 7A63B 71/02**
[25] EN
[54] **GOLF CLUB HEAD COVER AND METHOD OF MAKING SAME**
[54] **HOUSES POUR TETES DE BATONS DE GOLF ET METHODE DE FABRICATION**
[72] SUGGS, GREGORY M., US
[73] KARSTEN MANUFACTURING CORPORATION, US
[22] 2000-11-01
[30] US (09/469,943) 1999-12-21

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[11] 2,326,268
[13] C

[51] Int.Cl. 7E21B 23/00
[25] EN
[54] APPARATUS FOR AXIALLY
DISPLACING A DOWNHOLE TOOL OR
A TUBING STRING IN A WELL BORE
[54] APPAREIL POUR LE
DEPLACEMENT AXIAL D'UN OUTIL
DE FORAGE OU D'UN AXE DE
TUBAGE DANS UN Puits DE FORAGE
[72] HAYNES, MICHAEL JONATHON,
CA
[73] HAYNES, MICHAEL JONATHON,
CA
[22] 2000-11-17
[30] US (09/448,640) 1999-11-24

[11] 2,327,747
[13] C

[51] Int.Cl. 7G01N 25/04 7G01N 33/02
7G01N 33/15
[25] EN
[54] METHOD FOR MEASURING THE
GERONTOLOGICAL VALUE OF BIO-
ACTIVE SUBSTANCES AND
COMPOSITIONS, MAINLY
FOODSTUFFS AND COSMETICS
[54] METHODE POUR MESURER LA
VALEUR GERONTOLOGIQUE DE
SUBSTANCES ET DE COMPOSITIONS
BIO-ACTIVES, SURTOUT DES
PRODUITS ALIMENTAIRES ET
COSMETIQUES
[72] GLADYSHEV, GEORGI
PAVLOVICH, RU
[73] GLADYSHEV, GEORGI
PAVLOVICH, RU
[85] 2000-10-05
[86] 1999-11-10 (PCT/RU1999/000427)
[87] (WO2001/001128)
[30] RU (99113636) 1999-06-29

[11] 2,328,384
[13] C

[51] Int.Cl. 6B43L 19/00 6A45D 40/26
[25] EN
[54] APPLICATOR FOR CORRECTION
FLUID
[54] APPLICATEUR DE FLUIDES
CORRECTEURS
[72] PANDA, APARAJIT, US
[72] BORELLI-SANBORD, KIM, US
[73] BEROL CORPORATION, US
[85] 2000-10-11
[86] 1999-04-20 (PCT/US1999/008610)
[87] (WO1999/054151)
[30] US (09/065,008) 1998-04-23

[11] 2,329,117
[13] C

[51] Int.Cl. 7A61H 7/00
[25] EN
[54] MASSAGER
[54] APPAREIL DE MASSAGE
[72] ICHIKAWA, HIROMITSU, JP
[73] TOSHIBA TEC KABUSHIKI KAISHA,
JP
[22] 2000-12-19
[30] JP (11-361206) 1999-12-20

[11] 2,329,825
[13] C

[51] Int.Cl. 7A61F 13/49
[25] EN
[54] DISPOSABLE DIAPER
[54] COUCHE JETABLE
[72] SHIMOE, NARIAKI, JP
[72] SASAKI, TORU, JP
[72] KUMASAKA, YOSHINORI, JP
[73] UNI-CHARM CORPORATION, JP
[22] 2000-12-28
[30] JP (2000-855) 2000-01-06

[11] 2,330,105
[13] C

[51] Int.Cl. 6E21B 33/04
[25] EN
[54] METHOD AND APPARATUS FOR
SEALING BETWEEN CASING AND
WELLHEAD CONNECTOR
STRUCTURE
[54] PROCEDE ET APPAREIL
SERVANT A FORMER UN JOINT
ETANCHE ENTRE UN TUBAGE ET
UNE STRUCTURE DE CONNECTEUR
DE TETE DE Puits
[72] KOLELAT, BASHIR M., US
[72] CAIN, DAVID E., US
[73] FMC TECHNOLOGIES, INC., US
[85] 2000-10-23
[86] 1999-05-07 (PCT/US1999/010117)
[87] (WO1999/058813)
[30] US (60/084,750) 1998-05-08
[30] US (09/306,525) 1999-05-07

[11] 2,330,263
[13] C

[51] Int.Cl. 7H04M 3/42 7H04Q 3/64
[25] EN
[54] METHOD AND APPARATUS FOR
GENERATING AUTOMATIC
GREETINGS IN A CALL CENTER
[54] METHODE ET APPAREIL DE
GENERATION DE SALUTATIONS
AUTOMATIQUES DANS UN CENTRE
D'APPEL
[72] CHAN, NORMAN C., US
[73] AVAYA TECHNOLOGY CORP., US
[22] 2001-01-05
[30] US (09/482,969) 2000-01-12

[11] 2,330,836
[13] C

[51] Int.Cl. 7H04B 3/20 7H04Q 3/00
[25] EN
[54] METHOD AND APPARATUS FOR
PERFORMING ECHO
CANCELLATION WITHIN A
COMMUNICATION NETWORK
[54] METHODE ET APPAREIL POUR
ANNULER L'ECHO DANS UN RESEAU
DE COMMUNICATION
[72] FOSTER, SUJEANNE, US
[72] CHAN, NORMAN C., US
[73] AVAYA TECHNOLOGY CORP., US
[22] 2001-01-11
[30] US (09/482,717) 2000-01-12

[11] 2,331,658
[13] C

[51] Int.Cl. 6B65G 15/00 6B65G 17/00
[25] EN
[54] CONVEYOR OPERATION
CONTROL SYSTEM
[54] SYSTEME DE REGULATION DU
FONCTIONNEMENT D'UN
TRANSPORTEUR
[72] ERNST, RONALD L., US
[73] ALVEY SYSTEMS, INC., US
[85] 2000-11-10
[86] 1999-04-13 (PCT/US1999/008029)
[87] (WO1999/058432)
[30] US (09/076,178) 1998-05-11

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[11] **2,332,298**
[13] C

[51] **Int.Cl. 6G06F 13/40 6G06F 11/20**
[25] EN
[54] **MULTICONFIGURATION
BACKPLANE**
[54] **FOND DE PANIER A
CONFIGURATION MULTIPLE**
[72] LANGDAL, JAMES, US
[72] GUPTA, ANIL, US
[72] LANUS, MARK, US
[73] MOTOROLA, INC., US
[85] 2000-11-14
[86] 1999-05-07 (PCT/US1999/010163)
[87] (WO1999/059075)
[30] US (09/079,040) 1998-05-14

[11] **2,333,409**
[13] C

[51] **Int.Cl. 7A61F 2/24**
[25] EN
[54] **SEPARABLE ANNULOPLASTY
RING**
[54] **ANNEAU POUR ANNULOPLASTIE
SEPARABLE**
[72] CAMPBELL, LOUIS A., US
[73] SULZER CARBOMEDICS INC., US
[85] 2000-11-24
[86] 1999-10-14 (PCT/US1999/024241)
[87] (WO2000/023007)
[30] US (09/174,386) 1998-10-16

[11] **2,333,411**
[13] C

[51] **Int.Cl. 7A61F 2/24**
[25] EN
[54] **METHOD OF MANUFACTURING
A PROSTHETIC HEART VALVE**
[54] **VALVES EN POLYMERES DE
VALVULE AVEC BORDS LIBRES
MOULES**
[72] CAMPBELL, LOUIS A., US
[72] MOE, RIYAD, US
[72] SARNOWSKI, EDWARD J., US
[73] SULZER CARBOMEDICS INC., US
[85] 2000-11-24
[86] 1999-10-13 (PCT/US1999/023632)
[87] (WO2000/021469)
[30] US (09/170,925) 1998-10-13

[11] **2,333,716**
[13] C

[51] **Int.Cl. 6H04N 5/00 6H04N 7/16**
[25] EN
[54] **MODULE MANAGER FOR
INTERACTIVE TELEVISION SYSTEM**
[54] **GESTIONNAIRE DE MODULES
POUR SYSTEME INTERACTIF DE
TELEVISION**
[72] MENAND, JEAN RENE, US
[72] GOODMAN, ANDREW, US
[73] OPEN TV, INC., US
[85] 2000-11-29
[86] 1999-05-28 (PCT/US1999/011908)
[87] (WO1999/062248)
[30] US (09/087,269) 1998-05-29

[11] **2,335,075**
[13] C

[51] **Int.Cl. 6E21B 47/022**
[25] EN
[54] **METHOD FOR MAGNETIC
SURVEY CALIBRATION AND
ESTIMATION OF UNCERTAINTY**
[54] **PROCEDE D'ETALONNAGE DE
MESURES MAGNETIQUES ET
D'ESTIMATION D'INCERTITUDE**
[72] BROOKS, ANDREW G., US
[73] BAKER HUGHES INCORPORATED,
US
[85] 2000-12-12
[86] 1999-06-11 (PCT/US1999/013017)
[87] (WO1999/064720)
[30] US (60/089,100) 1998-06-12

[11] **2,336,429**
[13] C

[51] **Int.Cl. 7A43B 23/00 7A43B 7/32**
[25] EN
[54] **METATARSAL PROTECTORS
FOR FOOTWEAR**
[54] **PROTECTEURS DE METATARSE
POUR CHAUSSURES**
[72] KRAJCIR, DEZI A., CA
[73] KRAJCIR, DEZI A., CA
[22] 2001-02-13
[30] US (09/517,556) 2000-03-02

[11] **2,336,685**
[13] C

[51] **Int.Cl. 7C25C 7/00 7C25C 3/02
7C25C 3/04**
[25] EN
[54] **MOLTEN SALT ELECTROLYTIC
CELL HAVING METAL RESERVOIR**
[54] **CUVE ELECTROLYTIQUE A SELS
FONDUS DOTEE D'UN RESERVOIR DE
METAL**
[72] CHRISTENSEN, JORGEN, CA
[72] HOLYWELL, GEORGE C., CA
[72] CREBER, DAVID K., CA
[72] FICARA, PASQUALE, CA
[72] VANDERMEULEN, MEINE, CA
[73] ALCAN INTERNATIONAL LIMITED,
CA
[85] 2001-01-04
[86] 1999-07-07 (PCT/CA1999/000617)
[87] (WO2000/003068)
[30] US (60/092,038) 1998-07-08

[11] **2,337,285**
[13] C

[51] **Int.Cl. 7H04L 29/00 7H04L 29/12**
[25] EN
[54] **ADAPTIVE RATE TRAFFIC
RECOVERY MECHANISM FOR
COMMUNICATION NETWORKS**
[54] **MECANISME DE RECUPERATION
DE TRAFIC A VITESSE ADAPTATIVE
POUR RESEAUX DE
COMMUNICATION**
[72] SHIELDS, JAMES A., CA
[72] ALLAYE-CHAN, MARK, CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 2001-02-15
[30] US (09/548,667) 2000-04-13

[11] **2,337,587**
[13] C

[51] **Int.Cl. 7B41F 13/30**
[25] EN
[54] **PRINTING UNIT FOR A ROTARY
PRINTING MACHINE WITH CROSS
SLIDE**
[54] **UNITE D'IMPRESSION POUR
MACHINE IMPRIMANTE ROTATIVE A
CHARIOT TRANSVERSAL**
[72] PETERSEN, GODBER, DE
[72] HARTMANN, THOMAS, DE
[72] GOTTLING, JOSEF, DE
[73] MAN ROLAND DRUCKMASCHINEN
AG, DE
[22] 2001-02-22
[30] DE (100 08 215.7) 2000-02-23

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[11] 2,337,636
[13] C
[51] Int.Cl. 7B02C 7/12 7D21D 1/30
[25] EN
[54] REFINER PLATE STEAM
MANAGEMENT SYSTEM
[54] SYSTÈME DE CONTRÔLE DE LA
CIRCULATION DE LA VAPEUR DANS
UNE PLAQUE DE RAFFINEUR
[72] GINGRAS, LUC, US
[73] DURAMETAL CORPORATION, US
[85] 2001-01-15
[86] 1998-08-19 (PCT/US1998/017184)
[87] (WO2000/010710)

[11] 2,338,454
[13] C
[51] Int.Cl. 7C05C 9/00 7C05C 3/00
[25] EN
[54] A NOVEL FORMULATION
USEFUL AS A NITRIFICATION AND
UREASE INHIBITOR AND A METHOD
OF PRODUCING THE SAME
[54] NOUVELLE FORMULATION
POUVANT SERVIR COMME
INHIBITEUR D'UREASE ET DE
NITRIFICATION ET PROCÉDE DE
PRODUCTION DE CETTE
FORMULATION
[72] CHAND, SUKHMAL, IN
[72] ANWAR, MOHAMMED, IN
[72] KUMAR, SUSHIL, IN
[72] KIRAN, USHA, IN
[72] PATRA, DHARANI DHAR, IN
[73] COUNCIL OF SCIENTIFIC AND
INDUSTRIAL RESEARCH, IN
[85] 2001-01-23
[86] 2000-03-28 (PCT/IN2000/000032)
[87] (WO2001/072665)

[11] 2,338,763
[13] C
[51] Int.Cl. 7B65D 35/38
[25] EN
[54] BITE VALVE FOR PERSONAL
HYDRATION DEVICES AND A
METHOD FOR MAKING THE SAME
[54] CLAPET A MORDRE POUR
DISPOSITIF D'HYDRATATION
PERSONNEL ET PROCÉDE DE
FABRICATION
[72] GETZEWICH, LEE A., US
[72] LEA, JAMES M., US
[73] CASCADE DESIGNS, INC., US
[85] 2001-01-25
[86] 2000-06-08 (PCT/US2000/015980)
[87] (WO2000/075030)
[30] US (60/138,177) 1999-06-08

[11] 2,342,685
[13] C
[51] Int.Cl. 7F02C 7/18
[25] EN
[54] COOLING SYSTEM FOR GAS
TURBINE COMBUSTOR
[54] SYSTÈME DE REFROIDISSEMENT
POUR CHAMBRE DE COMBUSTION
DE TURBINE A GAZ
[72] SUENAGA, KIYOSHI, JP
[72] MANDAI, SHIGEMI, JP
[72] TANAKA, KATSUNORI, JP
[73] MITSUBISHI HEAVY INDUSTRIES,
LTD., JP
[22] 2001-04-02
[30] JP (2000-106883) 2000-04-07

[11] 2,342,786
[13] C
[51] Int.Cl. 7A23L 3/36 6A23B 4/16
[25] EN
[54] APPARATUS AND METHOD FOR
PHYSICALLY MANIPULATING
MATERIALS TO REDUCE MICROBE
CONTENT
[54] APPAREIL ET METHODE
PERMETTANT DE MANIPULER
PHYSIQUEMENT DES MATIERES
AFIN D'EN REDUIRE LA TENEUR EN
MICROBES
[72] ROTH, ELDON, US
[73] FREEZING MACHINES, INC., US
[85] 2001-03-01
[86] 1999-09-01 (PCT/US1999/020112)
[87] (WO2000/011970)
[30] US (09/144,928) 1998-09-01
[30] US (09/213,190) 1998-12-17
[30] US (09/387,979) 1999-09-01

[11] 2,344,726
[13] C
[51] Int.Cl. 7F41H 3/00
[25] EN
[54] LEAFY CAMOUFLAGE SUIT
[54] ENSEMBLE DE CAMOUFLAGE A
MOTIF DE FEUILLES
[72] HARDY, PHIL, CA
[73] GROUPE SPORTCHIEF INC./
SPORTCHIEF GROUP INC., CA
[22] 2001-04-19

[11] 2,344,964
[13] C
[51] Int.Cl. 7E06B 3/48 7E06B 3/50
[25] EN
[54] UPWARD ACTING SECTIONAL
DOOR WITH PINCH RESISTANT EDGE
PROFILE BETWEEN DOOR PANELS
[54] PORTE ARTICULEE A
OUVERTURE VERS LE HAUT AVEC
PROFIL ENTRE-PANNEAUX
RESISTANT AU PINCEMENT
[72] WHITLEY, L. BLAKE, US
[73] OVERHEAD DOOR CORPORATION,
US
[22] 2001-04-25
[30] US (09/570,618) 2000-05-15

[11] 2,344,875
[13] C
[51] Int.Cl. 7C07C 211/36 7C07C 211/35
7C07C 209/72
[25] EN
[54] LITHIUM ALUMINATE AS THE
CATALYST SUPPORT FOR
HYDROGENATION OF AROMATIC
AMINES
[54] ALUMINATE DE LITHIUM
UTILISE COMME SUPPORT DE
CATALYSEUR POUR
L'HYDROGENATION D'AMINES
AROMATIQUES
[72] ARMOR, JOHN NELSON, US
[72] EMIG, LENORE ANN, US
[72] VEDAGE, GAMINI ANANDA, US
[72] WILHELM, FREDERICK CARL, US
[72] DING, HAO, US
[72] RAMPRASAD, DORAI, US
[73] AIR PRODUCTS AND CHEMICALS,
INC., US
[22] 2001-04-23
[30] US (09/561,071) 2000-04-28

[11] 2,344,951
[13] C
[51] Int.Cl. 7A01D 75/00
[25] EN
[54] UNLOADER TUBE PIVOT RING
MECHANISM
[54] MECANISME D'ANNEAU DE
PIVOTEMENT DE TUBE DE
DECHARGE
[72] GERBER, EDWIN MILTON, US
[72] SIGNER, TODD NEIL, US
[72] DEPOORTER, MARK CHARLES, US
[73] DEERE & COMPANY, US
[22] 2001-04-24
[30] US (09/660,171) 2000-09-11

[11] 2,344,964
[13] C
[51] Int.Cl. 7E06B 3/48 7E06B 3/50
[25] EN
[54] UPWARD ACTING SECTIONAL
DOOR WITH PINCH RESISTANT EDGE
PROFILE BETWEEN DOOR PANELS
[54] PORTE ARTICULEE A
OUVERTURE VERS LE HAUT AVEC
PROFIL ENTRE-PANNEAUX
RESISTANT AU PINCEMENT
[72] WHITLEY, L. BLAKE, US
[73] OVERHEAD DOOR CORPORATION,
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[22] 2001-04-25
[30] US (09/570,618) 2000-05-15

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[11] **2,347,954**
[13] C

[51] **Int.Cl. 6F02C 3/00**
[25] EN
[54] **POWER GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION**
D'ENERGIE
[72] KIKUCHI, MASAICHI, JP
[72] NAKASHIMA, SHIGETO, JP
[73] MORIWAKI, YUKIKO, JP
[73] KIKUCHI, MASAICHI, JP
[73] NAKASHIMA, SHIGETO, JP
[85] 2001-04-20
[86] 1999-08-23 (PCT/JP1999/004531)
[87] (WO2001/014703)

[11] **2,348,709**
[13] C

[51] **Int.Cl. 7B08B 3/04**
[25] EN
[54] **PAINT ROLLER CLEANING**
DEVICE
[54] **APPAREIL DE NETTOYAGE DE**
ROULEAUX DE PEINTURE
[72] BASTIEN, ALEX, CA
[73] BASTIEN, ALEX, CA
[22] 2001-05-22
[30] GB (0012316.6) 2000-05-23

[11] **2,349,234**
[13] C

[51] **Int.Cl. 7E21B 43/22**
[25] EN
[54] **CYCLIC SOLVENT PROCESS FOR**
IN-SITU BITUMEN AND HEAVY OIL
PRODUCTION
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[54] **MODULAR HOUSING FOR A**
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[54] **SYSTEME DE BOITE DE CULASSE**
POUR ARME AUTOMATIQUE OU
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DC CONVERTER
[54] **CIRCUIT DE COMMANDE DE**
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[54] DISPOSITIF DE PROTECTION CONTRE LES SURCHARGES AMELIORE POUR LEVIER DE COMMANDE
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[54] APPAREIL ET METHODE PERMETTANT DE DETERMINER LA VITESSE DE SORTIE D'UNE UNITE HYDROSTATIQUE DANS UNE BOITE HYDRO-MECANIQUE
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[72] ILCHENKO, VLADIMIR, US
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[72] KOWALCHUK, LOREN G., CA
[73] MASTER FLO VALVE INC., CA
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[54] **CONVERTISSEUR ELEVEUR DE FREQUENCE POUR CENTRE DE DISTRIBUTION DE RESEAUX DE SIGNAUX DE TELEVISION TRAITANT DES SIGNAUX ANALOGIQUES ET NUMERIQUES, ET SON PROCEDURE DE FABRICATION**
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[73] GENERAL INSTRUMENT CORPORATION, US
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[72] HU, TENG-FU, XX
[73] HU, TENG-FU, XX
[22] 2002-01-04

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[72] SCHUMACHER, CAROLE ANN, US
[72] RAJAJIAH, JAYANTH, US
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[54] **DISPOSITIF ELECTROMECHANIQUE A MONTAGE INVERSE SUR CARTE**
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[54] **APPAREIL DE CONTROLE VIDEO**
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[72] ELMENDORF, PATRICK, US
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[54] **DISPOSITIF DE COMMANDE DU FREIN PAR DETECTION DE COUPLE DE LA VIS SANS FIN**
[72] JENSEN, RODERICK JAMES, US
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[73] DEERE & COMPANY, US
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[54] **ENSEMBLE DE REMPLISSAGE DE RESERVOIR DE CARBURANT POUR SOUDEUSE A MOTEUR**
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[54] **ANTENNES A BANDE DE FREQUENCES MULTIPLES ET METHODES CONNEXES**
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[73] CRYPTTEK, INC., US
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[73] THE REGIONAL MUNICIPALITY OF PEEL, CA
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[54] **INTERRUPTEUR LUMINEUX**
[72] DYKEMAN, ALLAN H., CA
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[54] **RETRACTABLE SELF ROLLING**
BLIND AWNING OR COVER
APPARATUS

[54] **DISPOSITIF STORE, MARQUISE**
OU COUVERTURE RETRACTABLE A
ENROULEMENT AUTOMATIQUE

[72] ABOULOUKME, ISSAM, AU

[73] ABOULOUKME, ISSAM, AU

[85] 2003-09-04

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[87] (WO2002/070854)

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[51] **Int.Cl. 7A47F 5/10**

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[54] **FOLDABLE DISPLAY STAND**
WITH SELF ERECTING STABILIZING
BASE

[54] **PRESENTOIR SUR PIED PLIANT**
AVEC BASE DE STABILISATION A
MISE EN PLACE AUTOMATIQUE

[72] MOSS, GEOFFREY ALAN, CA

[72] MINISTER, DAVID BRIAN, CA

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PRINTING SYSTEM

[54] **SYSTEME D'IMPRESSION**
PIEZOELECTRIQUE PAR JET
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[72] BRUCKERHOFF, SCOTT A., US

[72] CAIRATTI, CLIFFORD R., US

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[54] ROTOR D'AEROGENERATEUR
[72] STRAND, CARL OLAF, CA
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[22] 2003-05-22
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[25] EN
[54] SYSTEM AND METHOD FOR COUPLING POLYPROPYLENE TO OTHER MATERIALS AND THE RESULTING COMPOSITION
[54] SYSTEME ET METHODE POUR LIER DU POLYPROPYLENE A D'AUTRES MATERIAUX ET COMPOSITE AINSI OBTENU
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[72] BAUR, AI J. C., IL
[71] MAYER, YARON, IL
[71] BAUR, AI J. C., IL
[22] 2003-05-21
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[72] MARTIN, LOUIS-PHILIPPE, CA
[71] MARTIN, LOUIS-PHILIPPE, CA
[22] 2003-05-22
[41] 2004-11-22

[21] **2,429,219**
[13] A1
[51] Int.Cl. 7A63B 21/008 7A61F 5/00 7A61H 1/00
[25] EN
[54] ORTHOPEDIC EXERCISER
[54] EXERCISEUR ORTHOPEDIQUE
[72] GAGNON, GUY, CA
[72] FOUCAULT, ANDRE, CA
[72] MARCOUX, PATRICK, CA
[71] GAGNON, GUY, CA
[71] FOUCAULT, ANDRE, CA
[71] MARCOUX, PATRICK, CA
[22] 2003-05-21
[41] 2004-11-21

[21] **2,429,223**
[13] A1
[51] Int.Cl. 7G07C 1/00 7G06F 19/00 7G06F 17/40
[25] EN
[54] APPARATUS FOR DIARIZING JANITORIAL SERVICES
[54] DISPOSITIF D'INSCRIPTION DANS UN ECHEANCIER DE SERVICES D'ENTRETIEN D'IMMEUBLE
[72] TALARICO, ANTHONY M., CA
[71] HURLEY CORPORATION, CA
[22] 2003-05-21
[41] 2004-11-21

[21] **2,429,235**
[13] A1
[51] Int.Cl. 7C12N 15/70 7C12Q 1/04 7C12N 15/31 7C12Q 1/68
[25] FR
[54] VECTEUR DE CLONAGE D'INSERT A EXTREMITES FRANCHES PERMETTANT LA SELECTION POSITIVE DES CLONES RECOMBINANTS, METHODE DE CLONAGE DANS LEDIT VECTEUR, UTILISATION DUDIT VECTEUR POUR L'EXPRESSION D'UN INSERT
[54] CLONING VECTOR WITH A BLUNT-END INSERT FOR USE IN POSITIVE SELECTION OF RECOMBINANT CLONES, CLONING METHOD FOR THE SAID VECTOR, USE OF THE SAID VECTOR FOR THE EXPRESSION OF AN INSERT
[72] BETTON, JEAN-MICHEL, FR
[71] INSTITUT PASTEUR, FR
[71] C.N.R.S., FR
[22] 2003-05-22
[41] 2004-11-22

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[21] **2,429,241**
[13] A1
[51] **Int.Cl. 7F16K 27/00 7E03C 1/04**
[25] EN
[54] **FAUCET WITH PERIPHERAL HANDLE**
[54] **ROBINET AVEC POIGNEE PERIPHERIQUE**
[72] DESCAMPS, LAURENT, CA
[72] MESSIER, PATRICK, CA
[71] MESSIER DESIGNERS INC., CA
[22] 2003-05-21
[41] 2004-11-21

[21] **2,429,253**
[13] A1
[51] **Int.Cl. 7C22B 34/12 7C22B 7/04 7C01G 23/04**
[25] EN
[54] **BENEFICIATION OF TITANIFEROUS SLAGS**
[54] **VALORISATION DE SCORIES TITANIFERES**
[72] GUEGUIN, MICHEL, CA
[71] RIO TINTO IRON & TITANIUM INC., CA
[22] 2003-05-21
[41] 2004-11-21

[21] **2,429,256**
[13] A1
[51] **Int.Cl. 7B60S 5/06**
[25] EN
[54] **SYSTEM FOR ELECTRIC VEHICLE BATTERY RECHARGING**
[54] **SYSTEME DE RECHARGE DE BATTERIE DE VEHICULE ELECTRIQUE**
[72] HAMAD, IMAD A., CA
[71] HAMAD, IMAD A., CA
[22] 2003-05-21
[41] 2004-11-21

[21] **2,429,279**
[13] A1
[51] **Int.Cl. 7A43B 13/38**
[25] EN
[54] **EDGE-FOLDED STEEL HEAD COMBINED SHOE'S INSOLE**
[54] **SEMELLE INTERIEURE DE CHAUSSURE COMBINEE A UNE TETE EN ACIER A BORDS REPLIES**
[72] WU, CHIEN-I, XX
[71] WU, CHIEN-I, XX
[22] 2003-05-21
[41] 2004-11-21

[21] **2,429,282**
[13] A1
[51] **Int.Cl. 7B60Q 1/50**
[25] EN
[54] **METHOD AND APPARATUS FOR OPERATING A VEHICLE SAFETY ARM**
[54] **METHODE ET DISPOSITIF D'UTILISATION D'UN BRAS DE SECURITE DE VEHICULE**
[72] REAVELL, JAMES A., CA
[72] PHILLIPS, WILLIAM R., CA
[71] B.M.R. MFG. INC., CA
[22] 2003-05-21
[41] 2004-11-21

[21] **2,429,284**
[13] A1
[51] **Int.Cl. 7G06F 3/14 7G06F 17/00 7G06F 19/00**
[25] EN
[54] **VISUAL GROUPING OF ELEMENTS IN A DIAGRAM**
[54] **REGROUPEMENT VISUEL D'ELEMENTS DANS UN DIAGRAMME**
[72] POTTER, CHARLES M., CA
[72] MCAVOY, JAMES IVAN, CA
[71] COGNOS INCORPORATED, CA
[22] 2003-05-22
[41] 2004-11-22

[21] **2,429,293**
[13] A1
[51] **Int.Cl. 7E21B 3/00 7E21B 7/00**
[25] EN
[54] **APPARATUS FOR DRILLING STRAIGHT HOLES IN ROCK IN RESTRICTED AREA**
[54] **DISPOSITIF DE FORAGE DE TROUS DROITS DANS LE ROC DANS DES ZONES D'ACCES RESTREINT**
[72] ARSENAULT, PATRICE, CA
[72] SAMSON, SERGE, CA
[72] ZANCHETTI, REGGIE, CA
[72] ZANCHETTI, LOUKA, CA
[71] NOVAMAC INDUSTRIES INC., CA
[22] 2003-05-22
[41] 2004-11-22

[21] **2,429,295**
[13] A1
[51] **Int.Cl. 7C02F 1/60**
[25] EN
[54] **METHOD AND APPARATUS FOR REDUCING SILICA IN WATER**
[54] **METHODE ET APPAREIL POUR REDUIRE LA TENEUR EN SILICE DE L'EAU**
[72] CHAKRABARTY, TAPANTOSH, CA
[72] LAM, LAWRENCE S., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2003-05-21
[41] 2004-11-21

[21] **2,429,314**
[13] A1
[51] **Int.Cl. 7A01M 31/00 7A01N 25/20**
[25] EN
[54] **COLLAPSIBLE SHIELD FOR SMOKING ANIMAL LURE**
[54] **ECRAN PLIANT POUR ATTRACTIF D'ANIMAUX FUMANT**
[72] DAWSON, RICHARD A., US
[71] DAWSON, RICHARD A., US
[22] 2003-05-22
[41] 2004-11-22

[21] **2,429,335**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 19/00 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD OF DETERMINING IMPACT OF REPORTS BASED ON METADATA MODEL CHANGES**
[54] **SYSTEME ET METHODE POUR DETERMINER LES REPERCUSSIONS DE RAPPORTS EN FONCTION DE MODIFICATIONS DE MODELES DE METADONNEES**
[72] VIERICH, RALF, CA
[72] POTTER, CHARLES M., CA
[71] COGNOS INCORPORATED, CA
[22] 2003-05-22
[41] 2004-11-22

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[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 17/30 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD OF DESIGN MODELLING**
[54] **SYSTEME ET METHODE DE MODELISATION DE CONCEPTION**
[72] POGREBTSOV, ALEXEI, CA
[72] POTTER, CHARLES M., CA
[71] COGNOS INCORPORATED, CA
[22] 2003-05-22
[41] 2004-11-22

[21] **2,429,375**
[13] A1

[51] **Int.Cl. 7G06F 17/40 7G06F 19/00 7G06F 17/30**
[25] EN
[54] **MODEL ACTION LOGGING**
[54] **ENREGISTREMENT DES INTERVENTIONS RELATIVES A UN MODELE**
[72] POTTER, CHARLES M., CA
[72] BUCHLER, KAMIL, CA
[72] POGREBTSOV, ALEXEI, CA
[72] DACHEVSKI, BORIS, CA
[71] COGNOS INCORPORATED, CA
[22] 2003-05-22
[41] 2004-11-22

[21] **2,429,407**
[13] A1

[51] **Int.Cl. 7F16L 5/00 7E03D 11/00**
[25] EN
[54] **SLEEVE FOR TOILET FLANCES AND DRAINS**
[54] **MANCHON DE COFFRAGE POUR TUYAUX DE TOILETTE ET D'EVACUATION**
[72] BEAUMONT, ROBERT, CA
[71] BEAUMONT, ROBERT, CA
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,433**
[13] A1

[51] **Int.Cl. 7A47K 7/02**
[25] EN
[54] **BATHING BRUSH WITH DOUBLE CLEANING BALLS**
[54] **BROSSE POUR LE BAIN A DEUX BOULES DE NETTOYAGE**
[72] CHEN, CHING-CHEN, XX
[71] CHEN, CHING-CHEN, XX
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,444**
[13] A1

[51] **Int.Cl. 7B65D 5/34 7B65D 5/42**
[25] EN
[54] **CARDBOARD CONTAINER FOR SOLID, GRANULAR OR POSSIBLY PASTY PRODUCTS, AND MANUFACTURING METHOD THEREOF**
[54] **CONTENANT EN CARTON POUR DES PRODUITS SOLIDES, EN GRANULES OU POSSIBLEMENT PATEUX ET METHODE POUR SA PRODUCTION**
[72] GOGLIO, LUIGI, IT
[71] P.L.V. SPA, IT
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,456**
[13] A1

[51] **Int.Cl. 7C04B 28/04 7C04B 11/02 7C04B 22/14 7C04B 7/24 7C04B 7/43**
[25] EN
[54] **RECOVERY OF CEMENT KILN DUST THROUGH PRECIPITATION OF CALCIUM SULFATE USING SULFURIC ACID SOLUTION**
[54] **RECUPERATION DE POUSSIÈRES DE FOUR A CIMENT PAR PRECIPITATION DE SULFATE DE CALCIUM AU MOYEN D'UNE SOLUTION D'ACIDE SULFURIQUE**
[72] KEY, JERRY F., JR., US
[71] KEY, JERRY F., JR., US
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,466**
[13] A1

[51] **Int.Cl. 7E04G 23/00**
[25] FR
[54] **SYSTEME D'ENLEVEMENT D'UN TOIT EN BETON SUR UNE STRUCTURE SOUTERRAINE EXISTANTE**
[54] **SYSTEM FOR REMOVING A CONCRETE ROOF FROM AN EXISTING UNDERGROUND STRUCTURE**
[72] DUPONT, ERIC, CA
[72] TAVARES, ANTONIO, CA
[72] ROBICHAUD, MARIO, CA
[72] LEBLANC, RAYMOND, CA
[72] MENARD, SYLVAIN, CA
[72] LECUYER, MAURICE, CA
[72] TALLARD, ROBERT, CA
[71] LECUYER & FILS LTEE, CA
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,497**
[13] A1

[51] **Int.Cl. 7B62D 55/24**
[25] EN
[54] **SUPPORTING DISK**
[54] **DISQUE D'APPUI**
[72] HANDFIELD, ROBERT, CA
[71] SOUCY PLASTIQUES INC., CA
[22] 2003-05-21
[41] 2004-11-21

[21] **2,429,506**
[13] A1

[51] **Int.Cl. 7E21B 37/00 7E21B 43/00 7B08B 9/02 7F16L 55/26**
[25] EN
[54] **A METHOD OF CLEARING BLOCKAGES BELOW A RECIPROCATING DOWNHOLE TUBING PUMP AND A RECIPROCATING DOWNHOLE TUBING PUMP**
[54] **METHODE DE DEBLOCAGE D'OBSTRUCTIONS SOUS UNE POMPE ALTERNATIVE DE TUBE DE FOND ET POMPE ALTERNATIVE DE TUBE DE FOND**
[72] BURNS, BRADLEY GERALD, CA
[71] BURNS, BRADLEY GERALD, CA
[22] 2003-05-26
[41] 2004-11-26

[21] **2,429,517**
[13] A1

[51] **Int.Cl. 7B60P 1/64**
[25] EN
[54] **LOW PROFILE MECHANISM FOR STOWING AND DEPLOYING A CARRIAGE WITH RESPECT TO A TRUCK BOX**
[54] **MECANISME SURBAISSE POUR LE RANGEMENT ET LA MISE EN PLACE D'UN CHARIOT PAR RAPPORT A UNE CAISSE DE CAMION**
[72] EPWORTH, LARRY NORMAN, CA
[72] SMITH, INGRID OLGA, CA
[72] OSBORNE, GARRY ALBERT, CA
[72] SMITH, RONALD JAMES, CA
[71] EPWORTH, LARRY NORMAN, CA
[71] SMITH, INGRID OLGA, CA
[71] OSBORNE, GARRY ALBERT, CA
[71] SMITH, RONALD JAMES, CA
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[21] **2,429,525**
[13] A1
[51] **Int.Cl. 7A41D 13/00 7A41D 13/12**
[25] EN
[54] **GARMENT WITH RESTRICTED INTERNAL ACCESS**
[54] **VETEMENT A ACCES INTERNE RESTREINT**
[72] YOUNG, BARBARA FAYE, CA
[71] YOUNG, BARBARA FAYE, CA
[71] TENNANT, GWENDOLYN FAYE, CA
[22] 2003-05-21
[41] 2004-11-21

[21] **2,429,568**
[13] A1
[51] **Int.Cl. 7B65D 23/06 7B65D 47/40**
[25] EN
[54] **INTEGRATED POURING LIP FOR A CONTAINER**
[54] **BEC VERSEUR INTEGRE POUR CONTENANT**
[72] MORIN, MICHEL G., CA
[71] MORIN, MICHEL G., CA
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,753**
[13] A1
[51] **Int.Cl. 7A61M 5/178 7A61M 25/01 7A61M 5/315 7A61M 5/32**
[25] EN
[54] **DISPOSABLE SYRINGE**
[54] **SERINGUE JETABLE**
[72] SHUE, PHILLIP, XX
[72] SHUE, MING-JENG, XX
[71] SHUE, PHILLIP, XX
[71] SHUE, MING-JENG, XX
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,535**
[13] A1
[51] **Int.Cl. 7F24C 15/20 7B08B 15/02**
[25] EN
[54] **KITCHEN RANGE HOOD WITH PERIMETER AIR INLET**
[54] **HOTTE DE CUISINIERE A ENTREE D'AIR PERIMETRIQUE**
[72] YEUNG, PETER, CA
[71] YEUNG, PETER, CA
[22] 2003-05-22
[41] 2004-11-22

[21] **2,429,589**
[13] A1
[51] **Int.Cl. 7B65H 75/34**
[25] EN
[54] **HOSE REEL**
[54] **DEVIDOIR DE TUYAU**
[72] WU, CHUNG-CHENG, CN
[71] WU, CHUNG-CHENG, CN
[22] 2003-05-26
[41] 2004-11-26

[21] **2,429,759**
[13] A1
[51] **Int.Cl. 7A61M 25/01 7A61M 25/18 7A61M 5/315 7A61M 5/32**
[25] EN
[54] **INTRAVENOUS CATHETER INSERTING DEVICE**
[54] **DISPOSITIF D'INSERTION DE CATHETER INTRAVEINEUX**
[72] SHUE, MING-JENG, XX
[72] HUANG, DEBORAH, XX
[72] SHUE, PHILLIP, XX
[71] SHUE, MING-JENG, XX
[71] HUANG, DEBORAH, XX
[71] SHUE, PHILLIP, XX
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,558**
[13] A1
[51] **Int.Cl. 7G06F 17/00 7G06F 3/14 7G06F 17/30**
[25] EN
[54] **PRESENTATION OF MULTILINGUAL METADATA**
[54] **PRESENTATION DE METADONNEES MULTILINGUES**
[72] POTTER, CHARLES M., CA
[71] COGNOS INCORPORATED, CA
[22] 2003-05-22
[41] 2004-11-22

[21] **2,429,623**
[13] A1
[51] **Int.Cl. 7G06F 19/00 7G08C 17/00 7G06K 19/06 7G06F 17/40 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR TRACKING INVENTORY**
[54] **SYSTEME ET METHODE DE SUIVI D'INVENTAIRE**
[72] COVELEY, MICHAEL E., CA
[71] CSTAR TECHNOLOGIES INC., CA
[22] 2003-05-26
[41] 2004-11-26

[21] **2,429,761**
[13] A1
[51] **Int.Cl. 7G06F 17/30 7H04L 12/16**
[25] EN
[54] **TARGETED WEB PAGE REDIRECTION**
[54] **REACHEMINEMENT D'UNE PAGE WEB CIBLEE**
[72] SOOR, BALDEV S., CA
[72] KALE, CHRISTOPHER J., CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,566**
[13] A1
[51] **Int.Cl. 7G06F 1/16**
[25] EN
[54] **FIGURED AND PATTERNED CASING OF A HOST COMPUTER**
[54] **BOITIER A FIGURES ET MOTIFS POUR ORDINATEUR HOTE**
[72] LIU, YU-HENG, XX
[71] LIU, YU-HENG, XX
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,731**
[13] A1
[51] **Int.Cl. 7A01B 63/16 7A01F 25/20**
[25] EN
[54] **AUGER MOVER**
[54] **DISPOSITIF DE DEPLACEMENT DE TARIERES**
[72] STEPHENSON, DALE D., CA
[72] STEPHENSON, SCOTT M., CA
[72] STEPHENSON, JEFFREY A., CA
[72] STEPHENSON, MARK D., CA
[71] STEPHENSON, DALE D., CA
[71] STEPHENSON, SCOTT M., CA
[71] STEPHENSON, JEFFREY A., CA
[71] STEPHENSON, MARK D., CA
[22] 2003-05-27
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[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **BUSINESS TO BUSINESS EVENT COMMUNICATIONS**
[54] **COMMUNICATIONS D'ÉVÉNEMENTS ENTRE ENTREPRISES**
[72] WONG, KOI CHONG (CASEY), CA
[72] KONG, RAYMOND LEE-MAN, CA
[72] IRASSAR, PABLO DANIEL, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,765**
[13] A1

[51] **Int.Cl. 7H01R 13/72 7H01R 33/94**
[25] EN
[54] **CABLE TERMINATION BAR**
[54] **BARRETTE À BORNES POUR CÂBLE**
[72] BOHBOT, MICHEL, CA
[72] QUENNEVILLE, ALAIN, CA
[72] TAZBAZ, ANTOINE, CA
[71] NORDX/CDT, INC., CA
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,829**
[13] A1

[51] **Int.Cl. 7A63B 22/00 7A63B 23/00**
[25] EN
[54] **GLUTEMAX CARDIO EXERCISE APPARATUS**
[54] **APPAREIL D'EXERCICE CARDIO « GLUTEMAX »**
[72] CHOLETTE, DEBORAH LYNNE, CA
[71] CHOLETTE, DEBORAH LYNNE, CA
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,874**
[13] A1

[51] **Int.Cl. 7B42B 9/00 7B42B 5/12**
[25] EN
[54] **BOOKBINDING COIL INSERTION MACHINE**
[54] **MACHINE D'INSERTION DE SPIRALES DE RELIURE**
[72] DESJARLAIS, MATTHEW G., CA
[72] KLASSEN, WALTER D., CA
[71] GATEWAY BOOKBINDING SYSTEMS LTD., CA
[22] 2003-05-27
[41] 2004-11-27

[21] **2,429,875**
[13] A1

[51] **Int.Cl. 7G01V 1/30 7G01V 1/28**
[25] EN
[54] **IMPROVEMENTS TO CROSSPLOT ANALYSIS OF A.V.O. ANOMALIES IN SEISMIC SURVEYING**
[54] **AMÉLIORATIONS D'UNE ANALYSE DE TRACE EN CROISE D'ANOMALIES AVO D'UN RELEVÉ SISMIQUE**
[72] CANNING, ANAT, IL
[71] PARADIGM GEOPHYSICAL (LUXEMBOURG) S.A.R.L., LU
[22] 2003-05-27
[41] 2004-11-27

[21] **2,429,876**
[13] A1

[51] **Int.Cl. 7G06F 11/00 7G06F 11/30 7G06F 11/36**
[25] EN
[54] **TESTING COMPUTER APPLICATIONS**
[54] **ESSAI D'APPLICATIONS INFORMATIQUES**
[72] GENKIN, MICHAEL B., CA
[72] STARKEY, MICHAEL, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-05-27
[41] 2004-11-27

[21] **2,429,880**
[13] A1

[51] **Int.Cl. 7G06F 3/033 7G06F 3/14 7G06K 11/18**
[25] EN
[54] **WIRELESS MULTIPLE LASER POINTERS AS INPUT DEVICES FOR GROUPWARE**
[54] **UTILISATION DE POINTEURS LASER MULTIPLES SANS FIL COMME DISPOSITIFS D'ENTRÉE POUR LOGICIEL DE GROUPE**
[72] STUERZLINGER, WOLFGANG, CA
[71] YORK UNIVERSITY, CA
[22] 2003-05-27
[41] 2004-11-27

[21] **2,429,884**
[13] A1

[51] **Int.Cl. 7F02C 6/20**
[25] EN
[54] **TURBOJET AUTOMOBILE AND AIRCRAFT PROPULSION SYSTEM**
[54] **SYSTÈME DE PROPULSION À TURBOREACTEUR POUR AUTOMOBILES ET AÉRONEFS**
[72] POHANKA, MIKULAS, CA
[71] POHANKA, MIKULAS, CA
[22] 2003-05-27
[41] 2004-11-27

[21] **2,429,907**
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 17/30**
[25] EN
[54] **MODELLING OF A MULTI-DIMENSIONAL DATA SOURCE IN AN ENTITY-RELATIONSHIP MODEL**
[54] **MODELISATION D'UNE SOURCE DE DONNÉES MULTIDIMENSIONNELLES DANS UN MODÈLE ENTITÉ-ASSOCIATION**
[72] POTTER, CHARLES M., CA
[72] CUSHING, DAVID, CA
[71] COGNOS INCORPORATED, CA
[22] 2003-05-27
[41] 2004-11-27

[21] **2,429,909**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **TRANSFORMATION OF TABULAR AND CROSS-TABULATED QUERIES BASED UPON E/R SCHEMA INTO MULTI-DIMENSIONAL EXPRESSION QUERIES**
[54] **TRANSFORMATION D'INTERROGATIONS TABULAIRES ET CROISÉES BASÉES SUR UN DIAGRAMME E/R EN INTERROGATIONS D'EXPRESSION MULTIDIMENSIONNELLE**
[72] WARNER, NEIL, CA
[72] COSMA, MARIUS, CA
[72] CUSHING, DAVID, CA
[72] BEFFERT, HELMUT, CA
[71] COGNOS INCORPORATED, CA
[22] 2003-05-27
[41] 2004-11-27

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November 21, 2004 to November 27, 2004

[21] **2,429,910**
[13] A1
[51] **Int.Cl. 7G06F 17/30 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD OF QUERY TRANSFORMATION**
[54] **SYSTEME ET METHODE DE TRANSFORMATION D'INTERROGATIONS**
[72] CAZEMIER, HENK, CA
[72] COSMA, MARIUS, CA
[72] STYLES, MICHAEL E., CA
[71] COGNOS INCORPORATED, CA
[22] 2003-05-27
[41] 2004-11-27

[21] **2,429,948**
[13] A1
[51] **Int.Cl. 7F01K 27/00 7B01D 45/12 7B01D 53/48**
[25] EN
[54] **SYSTEMS AND METHODS FOR HARVESTING ENERGY FROM DIRECT IRON-MAKING OFF GASES**
[54] **SYSTEMES ET METHODES POUR RECUPERER L'ENERGIE DES EMISSIONS GAZEUSES DES PROCEDES DE PRODUCTION DIRECTE DE FER**
[72] WINTRELL, REGINALD, US
[71] WINTRELL, REGINALD, US
[22] 2003-05-26
[41] 2004-11-26

[21] **2,430,051**
[13] A1
[51] **Int.Cl. 7A23K 1/16**
[25] EN
[54] **HEME SUPPLEMENT AND METHOD OF USING SAME**
[54] **ALIMENT COMPLEMENTAIRE CONTENANT DE L'HEME ET METHODE D'UTILISATION DE CET ALIMENT COMPLEMENTAIRE**
[72] POZO, FRANCISCO JAVIER POLO, US
[72] CAMPBELL, JOY M., US
[72] RUSSELL, LOUIS E., US
[71] THE LAURIDSEN GROUP, INC., US
[22] 2003-05-26
[41] 2004-11-26

[21] **2,429,927**
[13] A1
[51] **Int.Cl. 7E04C 5/02**
[25] EN
[54] **SPIRALLY REINFORCED STRUCTURE**
[54] **STRUCTURE FRETTEE EN SPIRALE**
[72] YIN, SAMUEL, XX
[71] RUNHORN PRETECH ENGINEERING CO., LTD., XX
[22] 2003-05-27
[41] 2004-11-27

[21] **2,429,955**
[13] A1
[51] **Int.Cl. 7B65D 91/00 7A47G 29/122**
[25] EN
[54] **MAILBOX EXTENSION MOUNT**
[54] **SUPPORT DE RALLONGE DE BOITE AUX LETTRES**
[72] MCCORMACK, ROBERT D., US
[71] MCCORMACK, ROBERT D., US
[22] 2003-05-26
[41] 2004-11-26

[21] **2,430,088**
[13] A1
[51] **Int.Cl. 7F22B 31/00 7F22B 19/00**
[25] EN
[54] **STEAM GENERATION APPARATUS AND METHOD**
[54] **METHODE ET APPAREIL DE PRODUCTION DE VAPEUR**
[72] SARKAR, SUJIT K., CA
[71] ACS ENGINEERING TECHNOLOGIES INC., CA
[22] 2003-05-23
[41] 2004-11-23

[21] **2,429,937**
[13] A1
[51] **Int.Cl. 7A47G 1/16**
[25] EN
[54] **GREETING CARD HOLDER**
[54] **SUPPORT DE CARTE DE SOUHAITS**
[72] KOSTENIUK, STEVE, CA
[71] KOSTENIUK, STEVE, CA
[22] 2003-05-27
[41] 2004-11-27

[21] **2,429,974**
[13] A1
[51] **Int.Cl. 7B23K 37/00 7B08B 9/02 7B23K 9/32**
[25] EN
[54] **WELDING TORCH NOZZLE CLEANING STATION**
[54] **POSTE DE NETTOYAGE DE BUSE DE CHALUMEAU SOUDEUR**
[72] RICE, JODY, CA
[71] NASARC TECHNOLOGIES INC., CA
[22] 2003-05-26
[41] 2004-11-26

[21] **2,430,180**
[13] A1
[51] **Int.Cl. 7E06B 9/262**
[25] EN
[54] **CASCADE SHADE**
[54] **STORE A ELEMENTS HORIZONTAUX EN CASCADE**
[72] SUDANO, ANGELO, CA
[71] ROYAL GROUP TECHNOLOGIES LIMITED, CA
[22] 2003-05-21
[41] 2004-11-21

[21] **2,430,041**
[13] A1
[51] **Int.Cl. 7F22B 29/00 7B01B 1/00**
[25] EN
[54] **ATOMIZED LIQUID BOILER**
[54] **CHAUDIERE A LIQUIDE ATOMISE**
[72] MOODY, EUGENE I., CA
[71] MOODY, EUGENE I., CA
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[41] 2004-11-26

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[13] A1
[51] **Int.Cl. 7G06F 19/00 7G06F 17/00 7G07F 9/00 7G06F 17/40**
[25] EN
[54] **SYSTEM AND METHOD FOR TRACKING INVENTORY**
[54] **SYSTEME ET METHODE DE SUIVI DES STOCKS**
[72] COVELEY, MICHAEL E., CA
[71] CSTAR TECHNOLOGIES INC., CA
[22] 2003-05-27
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[13] A1

[51] **Int.Cl. 7B60J 1/20 7E06B 9/52**
[25] FR
[54] **HOUSSE MOUSTIQUAIRE POUR VEHICULE (FENETRE LIBRE)**
[54] **WINDOW SCREEN COVER FOR VEHICLES (OPEN WINDOW)**
[72] LETOURNEAU, MICHEL, CA
[71] LETOURNEAU, MICHEL, CA
[22] 2003-05-23
[41] 2004-11-23

[21] **2,430,244**
[13] A1

[51] **Int.Cl. 7H01F 19/00 7H01F 3/02**
[25] FR
[54] **UN NOUVEAU MODELE DE TRANSFORMATEUR ELECTRIQUE (A SEC)**
[54] **A NEW MODEL OF ELECTRICAL TRANSFORMER (DRY)**
[72] POTVIN, JEAN-CLAUDE, CA
[71] POTVIN, JEAN-CLAUDE, CA
[22] 2003-05-23
[41] 2004-11-23

[21] **2,430,613**
[13] A1

[51] **Int.Cl. 7A61B 5/083 7A61B 5/0205**
[25] EN
[54] **PORTABLE VO2 METER**
[54] **INDICATEUR PORTATIF DE VO2**
[72] HOPPE, JOHN, US
[72] HUSZCZA, ANDREW, US
[71] VACUMETRICS INC., US
[22] 2003-05-27
[41] 2004-11-27

[21] **2,432,871**
[13] A1

[51] **Int.Cl. 7G05B 19/04 7G05D 7/00 7G05D 9/00 7G05D 11/00 7G01G 11/00 7G01G 19/38**
[25] EN
[54] **DISTRIBUTED CONTROL ARCHITECTURE AND IMPROVED METERING APPARATUS AND METHODS FOR AGRICULTURAL CHEMICAL DISPENSERS**
[54] **ARCHITECTURE DE DISTRIBUTION REGULEE ET METHODES ET APPAREIL DE COMPTAGE AMELIORES POUR DISTRIBUTEURS DE PRODUITS CHIMIQUES AGRICOLES**
[72] REINSCH, FRANK G., US
[71] PATHFINDER SYSTEMS, INC., US
[22] 2003-06-20
[41] 2004-11-23
[30] US (60/473,376) 2003-05-23

[21] **2,434,440**
[13] A1

[51] **Int.Cl. 7G09G 5/373 7G09F 9/30**
[25] FR
[54] **DISPOSITIF D’AFFICHAGE**
[54] **DISPLAY DEVICE**
[72] DECAUX, JEAN-SEBASTIEN, FR
[72] DECAUX, JEAN-FRANCOIS, GB
[72] DECAUX, JEAN-CHARLES, ES
[71] DECAUX, JEAN-SEBASTIEN, FR
[71] DECAUX, JEAN-FRANCOIS, GB
[71] DECAUX, JEAN-CHARLES, ES
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[41] 2004-11-21
[30] FR (03 06093) 2003-05-21

[21] **2,434,528**
[13] A1

[51] **Int.Cl. 7E06B 9/26**
[25] EN
[54] **DOUBLE SHADE WITH MODULAR END CAPS AND METHOD OF ASSEMBLING SAME**
[54] **DOUBLE STORE AVEC EMBOUTS MODULAIRES ET METHODE D’ASSEMBLAGE**
[72] WARD, ADAM, US
[72] STRAND, TORALF H., US
[71] SPRINGS WINDOW FASHIONS LP, US
[22] 2003-06-30
[41] 2004-11-21
[30] US (10/442,610) 2003-05-21

[21] **2,437,300**
[13] A1

[51] **Int.Cl. 7B60D 1/62**
[25] EN
[54] **TOWING CONNECTOR**
[54] **RACCORD DE REMORQUAGE**
[72] SCELLER, DANIEL L., US
[72] IHDE, DAVID H., US
[71] HOPKINS MANUFACTURING CORPORATION, US
[22] 2003-08-14
[41] 2004-11-22
[30] US (10/443,874) 2003-05-22

[21] **2,437,776**
[13] A1

[51] **Int.Cl. 7A62B 17/00 7A41D 13/00**
[25] EN
[54] **PROTECTIVE GARMENT, WHICH IS WORN WITH SHOULDER PAD HAVING INFLATABLE BLADDER, FOR FIREFIGHTER OR FOR EMERGENCY WORKER**
[54] **VETEMENT PROTECTEUR AVEC EPAULIERE A POCHE GONFLABLE POUR POMPIER OU SECOURISTE**
[72] GRILLIOT, WILLIAM L., US
[72] GRILLIOT, MARY I., US
[72] LEWIS, PATRICIA, US
[71] MORNING PRIDE MANUFACTURING, L.L.C., US
[22] 2003-08-20
[41] 2004-11-22
[30] US (10/443,640) 2003-05-22

[21] **2,438,747**
[13] A1

[51] **Int.Cl. 7B62B 1/06**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSPORTING A CAR SEAT**
[54] **METHODE ET DISPOSITIF DE TRANSPORT D’UN SIEGE DE VOITURE**
[72] BOONE, BRIAN T., US
[71] BOONE, BRIAN T., US
[22] 2003-08-25
[41] 2004-11-23
[30] US (10/443,838) 2003-05-23

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[13] A1
[51] **Int.Cl. 7H01H 3/46 7H01H 17/22**
[25] EN
[54] **SWITCH ACTUATOR**
[54] **ACTIONNEUR DE COMMANDE ELECTRIQUE**
[72] LAPLANTE, GRANT W., US
[71] LAPLANTE, GRANT W., US
[22] 2003-09-05
[41] 2004-11-23
[30] US (60/473,112) 2003-05-23

[21] **2,440,263**
[13] A1
[51] **Int.Cl. 7D21F 1/10 7D21F 7/08**
[25] EN
[54] **WARP BOUND COMPOSITE PAPERMAKING FABRIC**
[54] **TISSU COMPOSITE LIE A FIL DE CHAINE DE LIAGE UTILISE POUR LA FABRICATION DE PAPIER**
[72] BREWSTER, JAMES, US
[72] QUIGLEY, SCOTT D., US
[71] VOITH FABRICS SHREVEPORT, INC., US
[22] 2003-09-09
[41] 2004-11-22
[30] US (10/443,474) 2003-05-22

[21] **2,440,500**
[13] A1
[51] **Int.Cl. 7B01F 13/02 7B01F 7/18**
[25] EN
[54] **BLENDER**
[54] **MELANGEUR**
[72] STEELE, JAMES R., US
[71] DYNAMIC AIR INC., US
[22] 2003-09-11
[41] 2004-11-21
[30] US (10/442,464) 2003-05-21

[21] **2,440,950**
[13] A1
[51] **Int.Cl. 7G01S 15/10 7G01S 7/523**
[25] EN
[54] **METHOD FOR ECHO PROCESSING IN TIME-OF-FLIGHT OR LEVEL MEASUREMENT SYSTEMS**
[54] **METHODE DE TRAITEMENT DES ECHOS DANS LES SYSTEMES DE MESURE DU TEMPS DE VOL OU DU NIVEAU**
[72] BACHERT, DARCY, CA
[71] SIEMENS MILLTRONICS PROCESS INSTRUMENTS INC., CA
[22] 2003-09-15
[41] 2004-11-21
[30] US (10,444,055) 2003-05-21

[21] **2,441,681**
[13] A1
[51] **Int.Cl. 7C12N 15/54 7A61K 45/00 7A61K 48/00 7C12Q 1/02 7A61K 38/16 7A61K 39/395 7A61K 31/496 7G01N 33/53 7C12Q 1/68 7A61K 31/7088 7A61K 31/728**
[25] EN
[54] **CANCER MONITORING AND THERAPEUTICS**
[54] **SURVEILLANCE ET THERAPIE DU CANCER**
[72] ADAMIA, SOPHIA, CA
[72] PILARSKI, LINDA, CA
[72] BELCH, ANDREW R., CA
[72] HAY, MARY, CA
[72] REIMAN, TONY, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2003-09-25
[41] 2004-11-22
[30] US (60/472,401) 2003-05-22

[21] **2,444,027**
[13] A1
[51] **Int.Cl. 7B67D 5/56 7A01C 23/00 7A01M 21/04 7B01F 3/12**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPENSING PARTICULATE MATERIAL INTO A FLUID MEDIUM**
[54] **METHODE ET SYSTEME DE DISTRIBUTION DE MATIERE PARTICULAIRE DANS UN FLUIDE**
[72] LATTING, JOHN A., US
[72] REINSCH, FRANK G., US
[71] PATHFINDER SYSTEMS, INC., US
[22] 2003-10-01
[41] 2004-11-23
[30] US (60/473,376) 2003-05-23
[30] US (10/653,022) 2003-08-29

[21] **2,445,926**
[13] A1
[51] **Int.Cl. 7H04M 3/22 7H04Q 7/36**
[25] EN
[54] **DROPPED CALL CONTINUATION**
[54] **POURSUIITE D'APPELS INTERROMPUS**
[72] EVANS, ELLIOTT, US
[72] BURRITT, DAVID R., US
[72] URROZ, HECTOR, US
[72] SETHI, RAVI, US
[72] KLEIN, ROBERT M., US
[72] ORDILLE, JOANN J., US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2003-10-21
[41] 2004-11-21
[30] US (10/442,617) 2003-05-21

[21] **2,446,019**
[13] A1
[51] **Int.Cl. 7B41F 13/10**
[25] EN
[54] **PLATE CYLINDER OF A PRINTING PRESS**
[54] **CYLINDRE PORTE-PLAQUE DE PRESSE A IMPRIMER**
[72] KOPPELKAMM, GUENTER, DE
[71] MAN ROLAND DRUCKMASCHINEN AG, DE
[22] 2003-10-21
[41] 2004-11-27
[30] DE (103 24 330.5) 2003-05-27

[21] **2,447,415**
[13] A1
[51] **Int.Cl. 7H01L 23/34 7H01L 23/36 7H01L 23/40**
[25] EN
[54] **ACTIVE HEAT SINK**
[54] **DISSIPATEUR THERMIQUE ACTIF**
[72] ARMSTRONG, ROSS, CA
[71] ATS AUTOMATION TOOLING SYSTEMS, INC., CA
[22] 2003-10-30
[41] 2004-11-23
[30] US (10/443,999) 2003-05-23

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[13] A1

[51] **Int.Cl. 7C12Q 1/20 7C12Q 1/04**
[25] EN
[54] **CELLOPHANE AGAR MEDIUM, AND METHOD FOR OBSERVING A MICROBE**
[54] **MILIEU COMPOSE DE CELLOPHANE ET D'AGAR, ET METHODE D'EXAMEN DE MICROBES**
[72] ICHINOSE, AKITOYO, JP
[71] NAGASAKI UNIVERSITY, JP
[22] 2003-10-31
[41] 2004-11-26
[30] JP (2003-147,482) 2003-05-26

[21] **2,447,762**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12Q 1/04**
[25] EN
[54] **METHOD FOR DETECTING NEGATIVELY SUPERCOILED DNA D'ADN SUPERENROULE NEGATIVEMENT**
[72] HIROSE, SUSUMU, JP
[72] MATSUMOTO, KUNIHARU, JP
[71] NATIONAL INSTITUTE OF GENETICS, JP
[22] 2003-11-03
[41] 2004-11-23
[30] JP (2003-146059) 2003-05-23

[21] **2,448,350**
[13] A1

[51] **Int.Cl. 7A47L 9/00 7A47L 9/16**
[25] EN
[54] **SOIL COLLECTION RECEPTACLE ATTACHING/DETACHING APPARATUS FOR CYCLONE VACUUM CLEANER AND VACUUM CLEANER HAVING THE SAME**
[54] **DISPOSITIF DE FIXATION/DEGAGEMENT DE RECIPIENT DE COLLECTE DE TERRE POUR ASPIRATEUR CYCLONE, ET ASPIRATEUR CYCLONE AINSI EQUIPE**
[72] LEE, BYUNG-JO, KR
[72] LEE, DONG-YUN, KR
[72] CHOI, MIN-JO, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2003-11-03
[41] 2004-11-21
[30] KR (2003-32149) 2003-05-21

[21] **2,449,891**
[13] A1

[51] **Int.Cl. 7A47L 9/32 7A47L 9/16**
[25] EN
[54] **HANDLE TUBE AND CYCLONE VACUUM CLEANER EQUIPPED WITH THE SAME**
[54] **POIGNEE TUBULAIRE ET ASPIRATEUR CYCLONE AINSI EQUIPE**
[72] OH, JANG-KEUN, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2003-11-18
[41] 2004-11-24
[30] KR (2003-33186) 2003-05-24

[21] **2,450,065**
[13] A1

[51] **Int.Cl. 7A47L 9/16 7A47L 9/00**
[25] EN
[54] **CYCLONE TYPE DUST COLLECTING APPARATUS OF VACUUM CLEANER**
[54] **CYCLONE DEPOUSSIÈREUR POUR ASPIRATEUR**
[72] OH, JANG-KEUN, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2003-11-18
[41] 2004-11-24
[30] KR (2003-33167) 2003-05-24

[21] **2,453,018**
[13] A1

[51] **Int.Cl. 7F24F 9/00**
[25] EN
[54] **AIR SHUTTER AND INSTALLATION METHOD THEREOF**
[54] **REGISTRE DE DEBIT D'AIR ET METHODE D'INSTALLATION**
[72] TSUBATA, KOUICHI, JP
[72] AKABOSHI, SHINJIROU, JP
[72] YASUTOME, AKIRA, JP
[72] OHWADA, SACHIO, JP
[72] SAKUMA, SEIICHI, JP
[71] MAYEKAWA MFG. CO., LTD., JP
[22] 2003-12-11
[41] 2004-11-27
[30] JP (2003-149544) 2003-05-27

[21] **2,453,079**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04J 14/02 7H04L 29/06**
[25] EN
[54] **OPTICAL WAVEKEY NETWORK AND A METHOD FOR DISTRIBUTING MANAGEMENT INFORMATION THEREIN**
[54] **RESEAU OPTIQUE A CLE WAVEKEY ET METHODE DE DISTRIBUTION D'INFORMATION DE GESTION SUR CE RESEAU**
[72] NEUSTADTER, UDO MIRCEA, CA
[72] GRABNER, STEVE JOSEPH, CA
[71] TROPIC NETWORKS INC., CA
[22] 2003-12-15
[41] 2004-11-23
[30] US (60/472,782) 2003-05-23

[21] **2,453,359**
[13] A1

[51] **Int.Cl. 7B60K 23/08**
[25] EN
[54] **DRIVE SYSTEM SWITCHING CONTROL METHOD**
[54] **COMMANDE DE COMMUTATION D'UN SYSTEME D'ENTRAÎNEMENT**
[72] TERADA, EIICHI, JP
[71] SHOWA CORPORATION, JP
[22] 2003-12-16
[41] 2004-11-26
[30] JP (2003-147381) 2003-05-26

[21] **2,454,864**
[13] A1

[51] **Int.Cl. 7A01G 9/12**
[25] EN
[54] **PLANT SUPPORT CLIP, KIT AND METHOD THEREFOR**
[54] **PINCE, NECESSAIRE DE TUTERAGE DE PLANTES ET METHODE CONNEXE**
[72] SEDLACEK, JAMES E., US
[71] PERKY-PET PRODUCTS COMPANY, INC., US
[22] 2004-01-05
[41] 2004-11-22
[30] US (10/444,675) 2003-05-22

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[21] **2,454,985**
[13] A1
[51] **Int.Cl. 7H04M 3/54**
[25] EN
[54] **METHOD FOR FORWARDING CALLS TO MULTIPLE TELEPHONE NUMBERS**
[54] **METHODE DE REACHEMINEMENT D'APPELS A DES NUMEROS DE TELEPHONE MULTIPLES**
[72] PENNING, RANDALL J., US
[72] MILTON, STEPHEN M., US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2004-01-12
[41] 2004-11-22
[30] US (10/443,390) 2003-05-22

[21] **2,455,213**
[13] A1
[51] **Int.Cl. 7B26B 13/12 7B26B 13/00**
[25] EN
[54] **HAIRDRESSING SCISSORS**
[54] **CISEAUX DE COIFFURE**
[72] YE, WEN-YA, TW
[71] YE, WEN-YA, TW
[22] 2004-01-14
[41] 2004-11-22
[30] TW (92113900) 2003-05-22

[21] **2,457,603**
[13] A1
[51] **Int.Cl. 7C10G 1/04 7C10G 3/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATING BITUMEN FROM PARTICULATE SUBSTRATES**
[54] **METHODE ET APPAREIL DE SEPARATION DU BITUME PRESENT DANS DES SUBSTRATS PARTICULAIRES**
[72] NOBLE, ROGER K., US
[72] KELLER, MICHAEL R., US
[72] CONAWAY, LAWRENCE, US
[71] CONTINUUM ENVIRONMENTAL, LLC, US
[22] 2004-02-12
[41] 2004-11-21
[30] US (10/442,583) 2003-05-21
[30] US (10/715,186) 2003-11-17

[21] **2,459,433**
[13] A1
[51] **Int.Cl. 7A61H 39/04 7A61H 39/06**
[25] EN
[54] **HYPERTENSION DESCENDING DEVICE**
[54] **DISPOSITIF POUR LE TRAITEMENT DE L'HYPERTENSION**
[72] AHN, MOON-HWI, KR
[72] AHN, SANG-WUK, KR
[71] AHN, MOON-HWI, KR
[71] AHN, SANG-WUK, KR
[22] 2004-03-03
[41] 2004-11-24
[30] KR (2003-0033226) 2003-05-24

[21] **2,460,296**
[13] A1
[51] **Int.Cl. 7C23C 4/12**
[25] EN
[54] **A HYBRID METHOD FOR THE COATING OF A SUBSTRATE BY A THERMAL APPLICATION OF THE COATING**
[54] **METHODE HYBRIDE DE REVETEMENT DE SUBSTRAT PAR ENDUCTION THERMIQUE**
[72] REFKE, ARNO, CH
[72] BARBEZAT, GERARD, CH
[72] HAWLEY, DAVID, US
[72] SCHMID, RICHARD K., US
[71] SULZER METCO AG, CH
[22] 2004-03-08
[41] 2004-11-23
[30] CH (03405368.6) 2003-05-23

[21] **2,461,773**
[13] A1
[51] **Int.Cl. 7F23D 14/46 7F24C 3/08**
7F23D 14/70
[25] EN
[54] **METHOD AND APPARATUS FOR GAS RANGES**
[54] **DISPOSITIF POUR CUISINIERS A GAZ ET METHODE**
[72] CADIMA, PAUL BRYAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-03-25
[41] 2004-11-27
[30] US (10/445,595) 2003-05-27

[21] **2,461,805**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7H04L 9/28 7G06F 17/60**
[25] EN
[54] **CONTENT DELIVERY SERVICE PROVIDING APPARATUS AND CONTENT DELIVERY SERVICE TERMINAL UNIT**
[54] **APPAREIL FOURNISSANT DES SERVICES DE LIVRAISON DE CONTENU ET TERMINAL DE SERVICES DE LIVRAISON DE CONTENU**
[72] KURIHARA, SHINICHI, JP
[72] NAKASHIMA, KOJI, JP
[71] TOSHIBA COMMUNICATION SYSTEMS CORPORATION, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2004-03-24
[41] 2004-11-23
[30] JP (2003-146704) 2003-05-23

[21] **2,462,220**
[13] A1
[51] **Int.Cl. 7A47L 13/11**
[25] EN
[54] **FLUID SQUEEGEE**
[54] **RACLETTE AVEC LIQUIDE**
[72] DEMUTH, KADE H., CA
[72] FOSS, SHELDON, CA
[71] DEMUTH, KADE H., CA
[71] FOSS, SHELDON, CA
[22] 2004-03-29
[41] 2004-11-22
[30] US (10/443,420) 2003-05-22

[21] **2,462,401**
[13] A1
[51] **Int.Cl. 7H01R 12/14 7H01R 24/00 7H01R 27/00**
[25] EN
[54] **MULTI-INTERFACE POWER CONTACT AND ELECTRICAL CONNECTOR INCLUDING SAME**
[54] **CONTACT D'ALIMENTATION A INTERFACES MULTIPLES ET CONNECTEUR ELECTRIQUE COMPRENANT CE CONTACT**
[72] MOSTOLLER, MATTHEW E., US
[72] ALLISON, JEFFREY W., US
[72] ROHRBAUGH, BRIAN M., US
[71] FCI AMERICA'S TECHNOLOGY, INC., US
[22] 2004-03-29
[41] 2004-11-23
[30] US (10/444,846) 2003-05-23

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[21] **2,462,481**
[13] A1

[51] **Int.Cl. 7B67D 5/42**
[25] EN
[54] **TWIRLING DIP TUBE**
[54] **TUBE PLONGEUR TOURNOYANT**
[72] O'NEILL, KEVIN, US
[72] DOBBS, DOUGLAS B., US
[71] SAINT-GOBAIN CALMAR INC., US
[22] 2004-03-30
[41] 2004-11-27
[30] US (10/445,186) 2003-05-27

[21] **2,462,735**
[13] A1

[51] **Int.Cl. 7B23K 9/06**
[25] EN
[54] **METHOD AND APPARATUS FOR INITIATING WELDING ARC USING CHEMICAL SPRAY**
[54] **METHODE ET APPAREIL D'ALLUMAGE DE L'ARC ELECTRIQUE DE SOUDAGE A L'AIDE D'UN PRODUIT CHIMIQUE PULVERISABLE**
[72] ZHANG, LIN, US
[72] MATUS, TIM A., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-03-31
[41] 2004-11-27
[30] US (10/446,578) 2003-05-27

[21] **2,462,820**
[13] A1

[51] **Int.Cl. 7B23K 9/06 7B23K 9/067**
[25] EN
[54] **METHOD AND APPARATUS FOR INITIATING WELDING ARC WITH AID OF VAPORIZED CHEMICAL**
[54] **METHODE ET APPAREIL D'ALLUMAGE DE L'ARC ELECTRIQUE DE SOUDAGE A L'AIDE D'UN PRODUIT CHIMIQUE VAPORISE**
[72] ZHANG, LIN, US
[72] MATUS, TIM A., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-03-31
[41] 2004-11-27
[30] US (10/446,577) 2003-05-27

[21] **2,463,029**
[13] A1

[51] **Int.Cl. 7F02B 63/02 7F02B 53/04 7F02B 1/10 7F02B 39/10 7B25D 9/10**
[25] EN
[54] **COMBUSTION APPARATUS HAVING IMPROVED AIRFLOW**
[54] **APPAREIL DE COMBUSTION AVEC ECOULEMENT D'AIR AMELIORE**
[72] RICORDI, CHRISTIAN PAUL ANDRE, FR
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-03-31
[41] 2004-11-23
[30] US (10/444,476) 2003-05-23

[21] **2,463,266**
[13] A1

[51] **Int.Cl. 7B25C 1/08 7B25C 1/18**
[25] EN
[54] **PORT FOR A FAN CHAMBER**
[54] **ORIFICE POUR CHAMBRE DE VENTILATEUR**
[72] RICORDI, CHRISTIAN PAUL ANDRE, FR
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-04-05
[41] 2004-11-23
[30] US (10/444,850) 2003-05-23

[21] **2,463,585**
[13] A1

[51] **Int.Cl. 7G01N 33/20 7G01N 31/00 7G01N 31/10 7G01N 1/22**
[25] EN
[54] **METHOD OF AND APPARATUS FOR MEASURING MERCURY CONTAINED IN GASEOUS MEDIUM**
[54] **METHODE ET APPAREIL DE DOSAGE DU MERCURE PRESENT DANS UN GAZ**
[72] SHIRAI, HIROMI, JP
[72] NODA, NAOKI, JP
[72] TANIDA, KOJI, JP
[72] HOSHINO, MUNEHURO, JP
[72] MAKINO, HISAO, JP
[71] CENTRAL RESEARCH INSTITUTE OF ELECTRIC POWER INDUSTRY, JP
[71] NIPPON INSTRUMENTS CORPORATION, JP
[22] 2004-04-07
[41] 2004-11-27
[30] JP (2003-148808) 2003-05-27

[21] **2,464,061**
[13] A1

[51] **Int.Cl. 7F24B 1/185 7F24C 3/00**
[25] EN
[54] **OUTDOOR GAS FIREPLACE**
[54] **FOYER A GAZ EXTERIEUR**
[72] STREIT, ROBIN MICHAEL, US
[71] HON TECHNOLOGY INC., US
[22] 2004-04-13
[41] 2004-11-22
[30] US (10/444,316) 2003-05-22

[21] **2,464,379**
[13] A1

[51] **Int.Cl. 7A61K 38/18 7A61P 27/02 7A61P 27/06 7A61K 31/197 7A61K 31/557**
[25] EN
[54] **USE OF ANTI-GLAUCOMA DRUGS TO TREAT VISUAL DEFECTS ASSOCIATED WITH THE USE OF A GABAERGIC AGENT**
[54] **UTILISATION DE MEDICAMENTS ANTIGLAUCOMATEUX POUR TRAITER LES PROBLEMES DE CHAMP DE VISION LIES A L'UTILISATION D'UN AGENT GABAERGIQUE**
[72] ASHBY, CHARLES R., JR., US
[71] BROOKHAVEN SCIENCE ASSOCIATES, US
[22] 2004-04-15
[41] 2004-11-27
[30] US (10/446,285) 2003-05-27

[21] **2,464,859**
[13] A1

[51] **Int.Cl. 7A21B 2/00 7A21B 5/00 7A21C 15/00**
[25] EN
[54] **APPARATUS FOR THE HEAT TREATMENT OF FOODSTUFFS AND FEEDSTUFFS, IN PARTICULAR FOR THE PRODUCTION OF BAKERY PRODUCTS**
[54] **FOUR DE PRODUITS ALIMENTAIRES ET D'ALIMENTS POUR ANIMAUX, EN PARTICULIER POUR PRODUITS DE BOULANGERIE-PATISSERIE**
[72] FILA, RUDOLF, AT
[72] ROECKEL, JOSEPH, FR
[72] TROJER, STEPHAN, AT
[72] MOPPETT, GARRY DEAN, GB
[71] MASTERFOODS AUSTRIA OHG, AT
[22] 2004-04-22
[41] 2004-11-22
[30] AT (A 793/2003) 2003-05-22

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[21] **2,465,030**
[13] A1
[51] **Int.Cl. 7F16J 15/12**
[25] EN
[54] **REDUCED LOAD GASKET**
[54] **JOINT A COMPRESSION REDUITE**
[72] SAKATA, DAVID, US
[72] WALKER, FRANCIS JOSEPH, US
[71] FREUDENBERG-NOK GENERAL
PARTNERSHIP, US
[22] 2004-04-20
[41] 2004-11-21
[30] US (10/442,915) 2003-05-21

[21] **2,465,193**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **CREDIT CARD REWARDS**
PROGRAM SYSTEM AND METHOD
[54] **SYSTEME ET METHODE DE**
PROGRAMME DE RECOMPENSES
POUR CARTE DE CREDIT
[72] FREIBERG, STEVEN, US
[71] FREIBERG, STEVEN, US
[22] 2004-04-26
[41] 2004-11-27
[30] US (60/473,424) 2003-05-27

[21] **2,465,242**
[13] A1
[51] **Int.Cl. 7H01J 61/02 7H01K 1/18**
[25] EN
[54] **LAMP HAVING A ROTATABLE**
BASE
[54] **LAMPE A SOCLE ROTATIF**
[72] FISCHER, KLAUS, DE
[72] JAKOB, ANDREAS, DE
[71] PATENT-TREUHAND-
GESELLSCHAFT FUER ELEKTRISCHE
GLUEHLAMPEN MBH, DE
[22] 2004-04-27
[41] 2004-11-21
[30] DE (103 22 987.6) 2003-05-21

[21] **2,465,254**
[13] A1
[51] **Int.Cl. 7G01N 21/25 7G01V 8/10**
[25] EN
[54] **OPTICAL FLUID ANALYSIS**
SIGNAL REFINEMENT
[54] **RAFFINEMENT DU SIGNAL**
OPTIQUE UTILISE POUR L'ANALYSE
D'UN FLUIDE
[72] HSU, KAI, US
[72] KURKJIAN, ANDREW L., US
[72] CARNEGIE, ANDREW J., US
[72] DONG, CHENGLI, US
[72] MULLINS, OLIVER C., US
[72] HEGEMAN, PETER S., US
[71] SCHLUMBERGER CANADA
LIMITED, CA
[22] 2004-04-27
[41] 2004-11-22
[30] US (10/249,968) 2003-05-22

[21] **2,465,614**
[13] A1
[51] **Int.Cl. 7C30B 29/58 7B01D 9/00**
7G06F 19/00 7C07K 1/00 7G01N 23/20
[25] EN
[54] **APPARATUS AND METHOD FOR**
GROWING CRYSTAL, AND
APPARATUS AND METHOD FOR
ANALYZING CRYSTAL
[54] **APPAREIL ET METHODE POUR**
LA CROISSANCE DE CRISTAUX ET
APPAREIL ET METHODE POUR
L'ANALYSE DE CRISTAUX
[72] MURAMATSU, SHOJI, JP
[72] MORIYAMA, HIDEAKI, US
[72] KAWASAKI, KAZUNORI, JP
[72] SUGI, NORIO, JP
[71] MORIYAMA, HIDEAKI, US
[71] IHI AEROSPACE CO., LTD., JP
[22] 2004-04-30
[41] 2004-11-22
[30] JP (144343/2003) 2003-05-22

[21] **2,465,876**
[13] A1
[51] **Int.Cl. 7G06F 5/00 7G06F 17/00**
[25] EN
[54] **SYSTEM AND METHOD FOR**
PROPAGATING DATA
[54] **SYSTEME ET METHODE DE**
PROPAGATION DE DONNEES
[72] OVERTURF, JOHN D., US
[72] WHEDBEE, KENNETH C., JR., US
[72] HAMILTON, JOHN A., US
[72] STULTZ, ROBERT D., US
[71] HARRIS CORPORATION, US
[22] 2004-04-30
[41] 2004-11-27
[30] US (10/455,540) 2003-05-27

[21] **2,466,395**
[13] A1
[51] **Int.Cl. 7B63C 9/15 7B63C 9/125**
[25] EN
[54] **INFLATABLE SAFETY**
APPARATUS
[54] **APPAREIL DE SECURITE**
GONFLABLE
[72] SPAGNUOLO, VITO, IT
[71] THE LIFE BELT S.R.L., IT
[22] 2004-05-05
[41] 2004-11-26
[30] IT (MI2003A001051) 2003-05-26
[30] IT (MI2004U000050) 2004-02-12

[21] **2,466,551**
[13] A1
[51] **Int.Cl. 7B62J 6/04**
[25] EN
[54] **TAIL LIGHT STRUCTURE**
[54] **STRUCTURE DE FEU ARRIERE**
[72] HIKICHI, KOICHI, JP
[72] MIYAGAWA, TORU, JP
[72] SHIMAMURA, KOICHI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-05-06
[41] 2004-11-24
[30] JP (2003-179856) 2003-05-24

[21] **2,466,553**
[13] A1
[51] **Int.Cl. 7E05B 1/00 7A45C 13/12**
[25] EN
[54] **ARRANGEMENT FOR RECEIVING**
A LOCKABLE AND RELEASABLE
PUSH-IN ELEMENT
[54] **DISPOSITIF PERMETTANT DE**
RECEVOIR UN ELEMENT INSERABLE
VERROUILLABLE ET DETACHABLE
[72] SCHWARZ, HELMUT, DE
[72] HOMNER, BERNHARD, DE
[71] SCHWARZ VERBINDUNGS-
SYSTEME GMBH, DE
[22] 2004-05-07
[41] 2004-11-27
[30] DE (203 08 234.6) 2003-05-27

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[21] **2,466,557**
[13] A1

[51] **Int.Cl. 7A63J 21/00 7A63H 33/00**
[25] EN
[54] **ANTI-MONSTER KIT AND METHOD OF USE**
[54] **TROUSSE ANTI-MONSTRE, ET METHODE D'UTILISATION**
[72] FACTOR, JODY L., US
[72] GLICK, JONATHAN, US
[71] WATCH OUT ENTERTAINMENT, LLC., US
[22] 2004-05-07
[41] 2004-11-23
[30] US (10/446,270) 2003-05-23

[21] **2,466,777**
[13] A1

[51] **Int.Cl. 7E06C 1/24**
[25] EN
[54] **RIGIDIFIED STEP LADDER**
[54] **ESCABEAU RIGIDIFIE**
[72] MEEKER, PAUL K., US
[71] COSCO MANAGEMENT, INC., US
[22] 2004-05-11
[41] 2004-11-22
[30] US (10/443,373) 2003-05-22

[21] **2,466,778**
[13] A1

[51] **Int.Cl. 7A47C 7/00 7A47C 7/02**
[25] EN
[54] **FLEXIBLE SEAT MOUNT FOR CHAIR SEAT BOTTOM**
[54] **SUPPORT DE SIEGE SOUPLE POUR FOND DE CHAISE**
[72] HEISEY, NATHAN W., US
[72] VORIS, LARRY, US
[71] COSCO MANAGEMENT, INC., US
[22] 2004-05-11
[41] 2004-11-22
[30] US (10/443,367) 2003-05-22

[21] **2,466,820**
[13] A1

[51] **Int.Cl. 7A47L 9/16 7A47L 9/00**
[25] EN
[54] **CYCLONE DUST COLLECTING DEVICE AND VACUUM CLEANER HAVING THE SAME**
[54] **DEPOUSSIÈREUR A CYCLONE ET ASPIRATEUR EQUIPE DE CE DERNIER**
[72] OH, JANG-KEUN, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2004-05-11
[41] 2004-11-21
[30] KR (2003-32152) 2003-05-21

[21] **2,466,855**
[13] A1

[51] **Int.Cl. 7B65G 15/40 7F16G 3/02 7B65G 15/08**
[25] EN
[54] **MODULAR TROUGH CONVEYOR BELT AND MODULES**
[54] **BANDE TRANSPORTEUSE MODULAIRE A AUGES**
[72] CORLEY, ANDREW A., US
[72] CHRISTIANA, SANDRA A., US
[72] LAPEYRE, ROBERT S., US
[71] LAITRAM, L.L.C., US
[22] 2004-05-11
[41] 2004-11-22
[30] US (10/249,956) 2003-05-22

[21] **2,466,857**
[13] A1

[51] **Int.Cl. 7B05B 7/04 7B01F 5/20**
[25] EN
[54] **DUAL SPRAYER WITH EXTERNAL MIXING CHAMBER**
[54] **PULVERISATEUR DOUBLE AVEC CHAMBRE DE MELANGE EXTERNE**
[72] SWEETON, STEVE L., US
[71] SAINT-GOBAIN CALMAR INC., US
[22] 2004-05-12
[41] 2004-11-23
[30] US (60/472,717) 2003-05-23
[30] US (10/833,953) 2004-04-28

[21] **2,466,988**
[13] A1

[51] **Int.Cl. 7B29D 30/06 7B29D 30/08**
[25] EN
[54] **TWO PIECE TIRE WITH IMPROVED TIRE TREAD BELT**
[54] **PNEU DEUX PIECES AVEC NAPPE D'ARMATURE AMELIOREE**
[72] RAYMAN, WILLIAM EARL, US
[72] MATRANA, BARRY ALLEN, US
[72] FUHRIG, THOMAS ROY, US
[72] HANNA, GREGORY SCOTT, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2004-05-12
[41] 2004-11-23
[30] US (10/444,527) 2003-05-23
[30] US (10/444,518) 2003-05-23

[21] **2,467,004**
[13] A1

[51] **Int.Cl. 7A61B 17/68 7A61B 17/00 7A61B 17/04 7A61F 2/08 7A61B 17/56**
[25] EN
[54] **TISSUE FIXATION DEVICE**
[54] **DISPOSITIF DE FIXATION TISSULAIRE**
[72] WHITTAKER, GREGORY R., US
[71] DEPUY MITEK, INC., US
[22] 2004-05-12
[41] 2004-11-27
[30] US (10/445,682) 2003-05-27

[21] **2,467,040**
[13] A1

[51] **Int.Cl. 7G05D 23/13 7E03C 1/04**
[25] EN
[54] **METHOD AND APPLIANCE FOR REGULATING THE INFLOW OF HOT WATER TO A CONTAINER**
[54] **METHODE ET APPAREIL POUR REGULARISER L'AMENEE D'EAU CHAUDE VERS UN CONTENEUR**
[72] HUGGER, WERNER, CH
[71] KWC AG, CH
[22] 2004-05-12
[41] 2004-11-22
[30] CH (2003 0919/03) 2003-05-22

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[21] **2,467,141**
[13] A1
[51] **Int.Cl. 7B65D 37/00 7B65C 5/00 7G09F 23/00**
[25] EN
[54] **ASYMMETRIC PACKAGE FOR MARKET APPEAL**
[54] **EMBALLAGE ASYMETRIQUE COMMERCIALEMENT ATTRAYANT**
[72] LOMBARDI, LOUIS FRANK, US
[72] FUNK, TOBIAS, US
[72] LINDBERG, SHARON REITER, US
[72] BANSAL, VINOD KUMAR, US
[71] UNILEVER PLC, GB
[22] 2004-05-13
[41] 2004-11-21
[30] US (10/442,328) 2003-05-21

[21] **2,467,144**
[13] A1
[51] **Int.Cl. 7G01N 33/68 7A61B 5/00 7G01N 33/48 7G01N 30/72**
[25] EN
[54] **SYSTEM OF ANALYZING COMPLEX MIXTURES OF BIOLOGICAL AND OTHER FLUIDS TO IDENTIFY BIOLOGICAL STATE INFORMATION**
[54] **SYSTEME POUR L'ANALYSE DE MELANGES COMPLEXES DE FLUIDES BIOLOGIQUES ET AUTRES POUR OBTENIR DES DONNEES SUR L'ETAT BIOLOGIQUE**
[72] GREENQUIST, ALFRED, US
[72] ANDELL, FRANK, III, US
[72] ELLSWORTH, STOUGHTON L., JR., US
[72] FOLEY, PETER, US
[72] DAHL, CAROL A., US
[72] HELLER, JONATHAN C., US
[72] STULTS, JOHN T., US
[71] BIOSPECT, INC., US
[22] 2004-05-11
[41] 2004-11-22
[30] US (60/473,272) 2003-05-22
[30] US (10/645,863) 2003-08-20
[30] US (10/760,100) 2004-01-16

[21] **2,467,177**
[13] A1
[51] **Int.Cl. 7H02K 1/00 7H01F 6/00 7H02K 3/00**
[25] EN
[54] **METHODS AND APPARATUS FOR ASSEMBLING HOMOPOLAR INDUCTOR ALTERNATORS INCLUDING SUPERCONDUCTING WINDINGS**
[54] **METHODES ET APPAREIL POUR ASSEMBLER DES ALTERNATEURS A INDUCTEUR HOMOPOLAIRE COMPRENANT DES ENROULEMENTS SUPRACONDUCTEURS**
[72] SIVASUBRAMANIAM, KIRUBA, US
[72] ALEXANDER, JAMES PELLEGRINO, US
[72] LASKARIS, EVANGELOS TRIFON, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-05-13
[41] 2004-11-27
[30] US (10/444,253) 2003-05-27

[21] **2,467,183**
[13] A1
[51] **Int.Cl. 7B21F 21/00**
[25] EN
[54] **WIRE REDUCTION DEVICE**
[54] **DISPOSITIF DE REDUCTION DE LA SECTION D'UN FIL METALLIQUE**
[72] BEGIN, ROSAIRE, CA
[72] CHAMPOUX, ALAIN, CA
[71] ALCAN INTERNATIONAL LIMITED, CA
[22] 2004-05-13
[41] 2004-11-27
[30] US (10/445,409) 2003-05-27

[21] **2,467,213**
[13] A1
[51] **Int.Cl. 7B65D 81/34 7B65D 85/72**
[25] EN
[54] **SUSCEPTOR TRAY AND MICROWAVABLE DOUGH PRODUCTS**
[54] **BARQUETTE-SUSCEPTEUR ET PRODUITS DE PATE MICRO-ONDABLES**
[72] COGLEY, PAUL A., US
[72] PETROFSKY, KEITH E., US
[72] HEWITT, AMY L., US
[72] TANGPRASERTCHAI, URAIWAN, US
[72] GREINER, STEVEN P., US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2004-05-13
[41] 2004-11-22
[30] US (10/443,252) 2003-05-22

[21] **2,467,230**
[13] A1
[51] **Int.Cl. 7G06F 17/00 7G01M 19/00**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING A NEW DIAGNOSTICS CASE RELATIVE TO HISTORICAL CASE DATA AND DETERMINING A RANKING FOR POSSIBLE REPAIRS**
[54] **SYSTEME ET METHODE POUR TRAITER UN NOUVEAU CAS DE DIAGNOSTIC PAR RAPPORT A DES DONNEES DE CAS HISTORIQUES ET DETERMINER UNE CLASSIFICATION DE REPARATIONS POSSIBLES**
[72] RODDY, NICHOLAS EDWARD, US
[72] VARMA, ANIL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-05-13
[41] 2004-11-23
[30] US (10/444,528) 2003-05-23

[21] **2,467,254**
[13] A1
[51] **Int.Cl. 7D06F 39/00**
[25] EN
[54] **WASHING MACHINE WITH A DEVICE FOR THE SECURITY DURING TRANSPORT**
[54] **MACHINE A LAVER MUNIE D'UN DISPOSITIF D'IMMOBILISATION POUR LE TRANSPORT**
[72] LUNST, WALTER, DE
[72] LAPPOEHN, ANDREAS, DE
[71] WHIRLPOOL CORPORATION, US
[22] 2004-05-13
[41] 2004-11-27
[30] EP (03011185.0) 2003-05-27

[21] **2,467,284**
[13] A1
[51] **Int.Cl. 7B32B 27/10**
[25] EN
[54] **BARRIER COATINGS FOR OIL AND GREASE RESISTANCE**
[54] **REVETEMENTS DE PROTECTION RESISTANT AUX HUILES ET AUX GRAISSES**
[72] MORABITO, PATRICK, US
[71] INTERNATIONAL PAPER COMPANY, US
[22] 2004-05-14
[41] 2004-11-27
[30] US (10/448,068) 2003-05-27

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[21] **2,467,290**
[13] A1

[51] **Int.Cl. 7H01G 9/07**
[25] EN
[54] **OIL-IMPREGNATED FILM CAPACITOR AND PREPARATION METHOD THEREOF**
[54] **CONDENSATEUR EN COUCHES IMPREGNE D'HUILE ET METHODE POUR SA PRODUCTION**
[72] HONGU, TATSUHIKO, JP
[72] UESAKA, KENICHI, JP
[71] SHIN-ETSU FILM CO., LTD., JP
[22] 2004-05-14
[41] 2004-11-27
[30] JP (2003-149386) 2003-05-27

[21] **2,467,386**
[13] A1

[51] **Int.Cl. 7C08L 83/04 7C09D 183/00 7C08G 77/04 7C09D 133/06 7C08F 220/10 7C08F 222/10 7C09D 5/16**
[25] EN
[54] **TRIARYLSILYL(METH)ACRYLOYL-CONTAINING POLYMERS FOR MARINE COATING COMPOSITIONS**
[54] **POLYMERES COMPORTANT DES TRIARYLSILYL(METH)ACRYLOYLES POUR DES COMPOSITIONS DE REVETEMENT MARIN**
[72] ABRAMS, MICHAEL BENJAMIN, US
[72] SILVERMAN, GARY STEPHEN, US
[72] MOUNTZ, DAVID A., US
[72] OBIOLS, JEROME, FR
[72] AUBART, MARK ANTHONY, US
[72] TSENG, KENNETH KUO-SHU, US
[71] ATOFINA CHEMICALS, INC., US
[22] 2004-05-17
[41] 2004-11-21
[30] US (10/442,461) 2003-05-21
[30] US (10/705,693) 2003-11-10

[21] **2,467,405**
[13] A1

[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **USING SYMBOLIC EVALUATIONS TO VALIDATE MODELS THAT HAVE INCOMPLETE INFORMATION**
[54] **UTILISATION D'EVALUATIONS SYMBOLIQUES POUR VALIDER DES MODELES AYANT DE L'INFORMATION INCOMPLETE**
[72] HALL, ROBERT J., US
[71] AT&T CORP., US
[22] 2004-05-17
[41] 2004-11-21
[30] US (60/472,362) 2003-05-21
[30] US (10/770,759) 2004-02-03

[21] **2,467,410**
[13] A1

[51] **Int.Cl. 7A61K 31/5575 7A61P 27/06 7A61K 31/557**
[25] EN
[54] **METHOD FOR TREATMENT OF GLAUCOMA AND OCULAR HYPERTENSION WITH PROSTAGLANDIN ANALGOUES WITHOUT MELANOGENIC SIDE-EFFECT**
[54] **METHODE DE TRAITEMENT DU GLAUCOME ET DE L'HYPERTENSION OCULAIRE A L'AIDE D'ANALOGUES DE LA PROSTAGLANDINE ET SANS EFFET SECONDAIRE COMME LA PIGMENTATION**
[72] STJERNSCHANTZ, JOHAN, SE
[71] SYNPHORA AB, SE
[22] 2004-05-17
[41] 2004-11-27
[30] US (60/473,191) 2003-05-27

[21] **2,467,450**
[13] A1

[51] **Int.Cl. 7H02H 9/00**
[25] EN
[54] **MODULAR SURGE SUPPRESSOR SYSTEM AND SURGE SUPPRESSOR MODULE**
[54] **SYSTEME DE PARASURTENSEUR MODULAIRE ET MODULE PARASURTENSEUR**
[72] BANDURA, MIECZYSLAW, CA
[72] SPEIDELSBACH, DAVID J., US
[72] KLADAR, DALIBOR, CA
[72] FUNKE, JAMES, CA
[72] TOWLER, JOHN D., CA
[72] MENDOZA, ANTHONY-CERNAN, CA
[72] DABROWSKI, HENRYK JAN, CA
[71] EATON CORPORATION, US
[22] 2004-05-18
[41] 2004-11-22
[30] US (10/443,431) 2003-05-22

[21] **2,467,495**
[13] A1

[51] **Int.Cl. 7B29C 65/14 7B23K 20/10**
[25] EN
[54] **ULTRASONIC WELDING APPARATUS**
[54] **APPAREIL DE SOUDAGE PAR ULTRASONS**
[72] LUEDTKE, PETER, DE
[72] MOSCA, TIMO, DE
[71] MASCHINENFABRIK GERD MOSCA AG, DE
[22] 2004-05-18
[41] 2004-11-23
[30] DE (103 23 783.6) 2003-05-23

[21] **2,467,518**
[13] A1

[51] **Int.Cl. 7H05B 37/02 7G08C 19/00 7H05B 41/36**
[25] EN
[54] **LIGHTING SYSTEM AND METHOD FOR ITS PRODUCTION**
[54] **SYSTEME D'ECLAIRAGE ET METHODE DE PRODUCTION CONNEXE**
[72] HUBER, ANDREAS, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2004-05-19
[41] 2004-11-22
[30] DE (103 23 690.2) 2003-05-22

[21] **2,467,528**
[13] A1

[51] **Int.Cl. 7C23C 22/00 7C21D 10/00 7C23C 22/02**
[25] EN
[54] **EMULSION TO PRESERVE KEEN EDGE OF A UTENSIL**
[54] **EMULSION POUR PROTEGER L'ARETE VIVE D'UN USTENSILE**
[72] PFEFFER-SLOBODINSKY, ARIEL S., BR
[71] PFEFFER-SLOBODINSKY, ARIEL S., BR
[22] 2004-05-19
[41] 2004-11-23
[30] US (10/824,375) 2004-04-15
[30] US (10/444,739) 2003-05-23

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[21] **2,467,530**
[13] A1
[51] **Int.Cl. 7E06B 9/68**
[25] EN
[54] **BRAKING SYSTEM FOR POWERED WINDOW COVERING**
[54] **SYSTEME DE FREINAGE POUR COUVRE-FENETRE ELECTRIQUE**
[72] SCHMELING, DAVID J., US
[72] WALKER, WINSTON G., US
[72] SCHARF, RICH, US
[71] HARMONIC DESIGN, INC., US
[22] 2004-05-19
[41] 2004-11-23
[30] US (10/445,149) 2003-05-23

[21] **2,467,598**
[13] A1
[51] **Int.Cl. 7B41J 11/00 7B41J 11/04 7B41J 2/32**
[25] EN
[54] **THERMAL PRINTER**
[54] **IMPRIMANTE THERMIQUE**
[72] TOZAKI, SHUJI, JP
[72] SHOJI, NORIYOSHI, JP
[72] HIRAI, KIMITAKA, JP
[72] SATO, KATSUARI, JP
[71] SHI P & S INC., JP
[22] 2004-05-18
[41] 2004-11-23
[30] JP (2003-145849) 2003-05-23

[21] **2,467,610**
[13] A1
[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHOD FOR THE DETECTION OF NUCLEIC ACIDS**
[54] **METHODE DE DETECTION D'ACIDES NUCLEIQUES**
[72] DIESSEL, EDGAR, DE
[72] BURMEISTER, JENS, DE
[71] BAYER TECHNOLOGY SERVICES GMBH, DE
[22] 2004-05-18
[41] 2004-11-21
[30] DE (10322912.4) 2003-05-21

[21] **2,467,560**
[13] A1
[51] **Int.Cl. 7H05B 37/02 7H04L 29/06 7H05B 41/36**
[25] EN
[54] **CONTROLLABLE LIGHTING SYSTEM WITH A SECOND COMMUNICATION PROTOCOL AND APPLIANCES FOR THIS PURPOSE**
[54] **SYSTEME D'ECLAIRAGE REGLABLE AVEC UN DEUXIEME PROTOCOLE DE COMMUNICATION ET APPAREILS CONNEXES**
[72] HUBER, ANDREAS, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2004-05-19
[41] 2004-11-22
[30] DE (103 23 689.9) 2003-05-22

[21] **2,467,600**
[13] A1
[51] **Int.Cl. 7B21J 1/06 7C22C 38/02**
[25] EN
[54] **METHOD FOR PRODUCING FORMED ARTICLES**
[54] **METHODE DE PRODUCTION D'ARTICLES FORMES**
[72] KOLLECK, RALF, DE
[72] STEINHOEFER, DETLEFF, DE
[71] THYSSENKRUPP AUTOMOTIVE AG, DE
[22] 2004-05-18
[41] 2004-11-21
[30] DE (103 22 928.0-14) 2003-05-21

[21] **2,467,613**
[13] A1
[51] **Int.Cl. 7H01M 8/02 7H01M 2/16 7H01M 8/22 7H01M 4/86**
[25] EN
[54] **MEMBRANE ELECTRODE ASSEMBLY FOR DIRECT METHANOL TYPE FUEL CELL AND PROTON CONDUCTIVE MEMBRANE**
[54] **ASSEMBLAGE MEMBRANE/ELECTRODE POUR PILE A COMBUSTIBLE DE TYPE A CONSOMMATION DIRECTE DE METHANOL ET MEMBRANE CONDUCTRICE DE PROTONS**
[72] OKADA, TAKASHI, JP
[72] GOTO, KOHEI, JP
[71] JSR CORPORATION, JP
[22] 2004-05-18
[41] 2004-11-21
[30] JP (2003-143914) 2003-05-21

[21] **2,467,609**
[13] A1
[51] **Int.Cl. 7H05B 37/02 7G08C 19/00 7H05B 41/36**
[25] EN
[54] **METHOD FOR OPERATION OF A LIGHTING SYSTEM**
[54] **METHODE D'UTILISATION D'UN SYSTEME D'ECLAIRAGE**
[72] HUBER, ANDREAS, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2004-05-19
[41] 2004-11-22
[30] DE (103 23 752.6) 2003-05-22

[21] **2,467,570**
[13] A1
[51] **Int.Cl. 7A01C 23/00**
[25] EN
[54] **AGRICULTURAL BOOM STRUCTURE**
[54] **STRUCTURE DE RAMPE D'EPANDAGE AGRICOLE**
[72] STEPHENS, BRENDEN LEW, US
[72] KLEMME, KENT ALVIN, US
[72] WUBBEN, THOMAS MARK, US
[72] SINK, HENRY CLIFTON, III, US
[72] THOMAS, CLARK STEELE, US
[72] BERBERICH, MICAH JOEL, US
[71] DEERE & COMPANY, US
[22] 2004-05-19
[41] 2004-11-27
[30] US (10/445,678) 2003-05-27

[21] **2,467,616**
[13] A1
[51] **Int.Cl. 7F16K 15/03 7B60K 15/01**
[25] EN
[54] **FLAPPER TYPE FILL TUBE CHECK VALVE**
[54] **CLAPET ANTI-RETOUR A BATTANT DE TUBE DE REMPLISSAGE**
[72] MARTIN, CHARLES JOSEPH, US
[72] CREAGER, CHRISTOPHER WAYNE, US
[71] EATON CORPORATION, US
[22] 2004-05-18
[41] 2004-11-23
[30] US (10/444,658) 2003-05-23

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[21] **2,467,623**
[13] A1

[51] **Int.Cl. 7A63B 53/04 7B21D 51/00 7B21D 53/00 7B23P 19/04**
[25] EN
[54] **METHOD AND APPARATUS FOR A METAL WOOD-TYPE GOLF CLUB**
[54] **METHODE ET APPAREIL POUR BATON DE GOLF DE TYPE BOIS EN METAL**
[72] SOLHEIM, JOHN A., US
[72] SERRANO, ANTHONY D., US
[71] KARSTEN MANUFACTURING CORPORATION, US
[22] 2004-05-19
[41] 2004-11-23
[30] US (10/444,436) 2003-05-23

[21] **2,467,635**
[13] A1

[51] **Int.Cl. 7G05F 1/66 7H02J 4/00 7G05B 19/042 7A47L 9/28 7A47L 11/40**
[25] EN
[54] **POWER MANAGEMENT SYSTEM FOR A FLOOR CARE APPLIANCE**
[54] **SYSTEME DE GESTION DE L'ALIMENTATION D'UN APPAREIL A RECUPERER LES PLANCHERS**
[72] SCLAFANI, ADAM CHARLES, US
[72] TONDRA, AARON PATRICK, US
[72] GORDON, EVAN ARTHON, US
[71] THE HOOVER COMPANY, US
[22] 2004-05-19
[41] 2004-11-23
[30] US (10/444,828) 2003-05-23

[21] **2,467,640**
[13] A1

[51] **Int.Cl. 7C10M 129/68 7C10M 159/22**
[25] EN
[54] **UNSULFURIZED, CARBOXYLATE-CONTAINING ADDITIVE FOR LUBRICATION OILS**
[54] **ADDITIF NON SULFURE CONTENANT DES CARBOXYLATES POUR HUILES LUBRIFIANTES**
[72] BOONS, CORNELIS HENDRIKUS MARIA, NL
[72] VAN DAM, WILLEM, US
[72] SPALA, EUGENE, US
[71] CHEVRON ORONITE COMPANY LLC, US
[71] CHEVRON ORONITE TECHNOLOGY B.V., NL
[22] 2004-05-19
[41] 2004-11-22
[30] US (10/444,764) 2003-05-22

[21] **2,467,673**
[13] A1

[51] **Int.Cl. 7B66B 5/28 7B66B 1/36**
[25] EN
[54] **LIFT INSTALLATION WITH A BUFFER FOR CREATING A ZONE OF PROTECTION IN A LIFT**
[54] **INSTALLATION AND A METHOD OF CREATING A ZONE OF PROTECTION**
[54] **ASCENSEUR AVEC PATIN PRODUISANT UNE ZONE DE PROTECTION, ET METHODE POUR PRODUIRE CETTE ZONE**
[72] KOCHER, JOHANNES, CH
[72] HUBER, MARCEL, CH
[71] INVENTIO AG, CH
[22] 2004-05-19
[41] 2004-11-21
[30] EP (03 405 352.0) 2003-05-21

[21] **2,467,675**
[13] A1

[51] **Int.Cl. 7B66B 5/28**
[25] EN
[54] **BUFFER AND LIFT INSTALLATION WITH SUCH A BUFFER**
[54] **PATIN ET ASCENSEUR EQUIPE DE CE PATIN**
[72] KOCHER, JOHANNES, CH
[72] HUBER, MARCEL, CH
[71] INVENTIO AG, CH
[22] 2004-05-19
[41] 2004-11-21
[30] EP (03 405 351.2) 2003-05-21

[21] **2,467,791**
[13] A1

[51] **Int.Cl. 7C09K 7/02**
[25] EN
[54] **OILFIELD TREATMENT FLUID STABILIZER**
[54] **AGENT STABILISANT POUR FLUIDE DE TRAITEMENT SUR UN CHAMP PETROLIFERE**
[72] QIU, XIAOPING, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2004-05-19
[41] 2004-11-21
[30] US (10/249,948) 2003-05-21

[21] **2,467,804**
[13] A1

[51] **Int.Cl. 7G01V 15/00**
[25] EN
[54] **DEVICE FOR EMITTING HF SIGNALS, PARTICULARLY IN AN IDENTIFICATION SYSTEM**
[54] **DISPOSITIF D'EMISSION DE SIGNAUX HF, NOTAMMENT DANS UN SYSTEME D'IDENTIFICATION**
[72] MEYER, MARTIN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2004-05-20
[41] 2004-11-22
[30] DE (10323214.1) 2003-05-22

[21] **2,467,810**
[13] A1

[51] **Int.Cl. 7B21K 21/00**
[25] EN
[54] **METHOD OF MANUFACTURING A HOLLOW BLADE FOR A TURBINE ENGINE**
[54] **METHODE DE FABRICATION D'AILETE CREUSE POUR TURBOMOTEUR**
[72] LHOMME, DANIEL GASTON, FR
[72] FERTE, JEAN-PIERRE, FR
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] LORIEUX, ALAIN, FR
[71] SNECMA MOTEURS, FR
[22] 2004-05-19
[41] 2004-11-27
[30] FR (03 50183) 2003-05-27

[21] **2,467,817**
[13] A1

[51] **Int.Cl. 7B26F 1/14**
[25] EN
[54] **DEVICE AND METHOD FOR DETERMINING AXIAL ALIGNMENT OR MISALIGNMENT OF A PUNCH WITH RESPECT TO A DIE**
[54] **DISPOSITIF ET METHODE DE DETERMINATION DE L'ALIGNEMENT AXIAL OU DU DESALIGNEMENT D'UN POINCON PAR RAPPORT A UNE MATRICE**
[72] NAITO, NOBUHARU, JP
[71] NEWFREY LLC, US
[22] 2004-05-19
[41] 2004-11-27
[30] JP (2003-148921) 2003-05-27

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[21] **2,467,839**
[13] A1
[51] **Int.Cl. 7F01D 5/18 7B23P 15/02**
[25] EN
[54] **HOLLOW FAN BLADE FOR TURBINE ENGINE AND METHOD OF MANUFACTURING SUCH A BLADE**
[54] **AILETTE CREUSE DE SOUFFLANTE POUR TURBOMOTEUR ET METHODE DE FABRICATION**
[72] FRANCHET, JEAN-MICHEL
PATRICK MAURICE, FR
[72] LHOMME, DANIEL GASTON, FR
[72] LORIEUX, ALAIN, FR
[72] DESPREAUX, JEAN-LOUIS, FR
[72] LEVEQUE, STEPHANE ANDRE, FR
[71] SNECMA MOTEURS, FR
[22] 2004-05-19
[41] 2004-11-27
[30] FR (03 50187) 2003-05-27

[21] **2,467,846**
[13] A1
[51] **Int.Cl. 7B23P 15/02 7B23K 20/00 7F01D 5/18 7B21D 53/78**
[25] EN
[54] **METHOD OF MANUFACTURING A HOLLOW BLADE FOR A TURBINE ENGINE**
[54] **METHODE DE FABRICATION D'AILETTE CREUSE POUR TURBOMOTEUR**
[72] FERTE, JEAN-PIERRE, FR
[72] FRANCHET, JEAN-MICHEL
PATRICK MAURICE, FR
[72] LHOMME, DANIEL GASTON, FR
[72] LORIEUX, ALAIN, FR
[71] SNECMA MOTEURS, FR
[22] 2004-05-19
[41] 2004-11-27
[30] FR (03 50185) 2003-05-27

[21] **2,467,888**
[13] A1
[51] **Int.Cl. 7G11B 7/0045**
[25] EN
[54] **APPARATUS FOR RECORDING INFORMATION IN INFORMATION RECORDING MEDIUM, INFORMATION RECORDING MEDIUM, METHOD FOR RECORDING INFORMATION IN INFORMATION RECORDING MEDIUM, PROGRAM FOR RECORDING INFORMATION IN INFORMATION RECORDING MEDIUM, AND PROGRAM PRODUCT**
[54] **APPAREIL D'ENREGISTREMENT D'INFORMATION SUR SUPPORT D'ENREGISTREMENT D'INFORMATION, SUPPORT D'ENREGISTREMENT D'INFORMATION, METHODE D'ENREGISTREMENT D'INFORMATION SUR SUPPORT D'ENREGISTREMENT D'INFORMATION, PROGRAMME D'ENREGISTREMENT D'INFORMATION SUR SUPPORT D'ENREGISTREMENT D'INFORMATION ET PRODUIT PROGRAMME**
[72] AKIYAMA, TETSUYA, JP
[72] MIYAGAWA, NAOYASU, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 2004-05-20
[41] 2004-11-23
[30] JP (2003-146774) 2003-05-23

[21] **2,467,842**
[13] A1
[51] **Int.Cl. 7F02K 1/12**
[25] EN
[54] **LONG LIFE NOZZLE FLAP FOR AIRCRAFT TURBOJETS**
[54] **VOLET DE BUSE LONGUE DUREE POUR TURBOREACTEURS**
[72] BARRET, HERVE, FR
[72] PANCOU, THIERRY, FR
[72] CORBIN, CLAUDE, FR
[72] BLANCHARD, STEPHANE, FR
[71] SNECMA MOTEURS, FR
[22] 2004-05-19
[41] 2004-11-26
[30] FR (03 50177) 2003-05-26

[21] **2,467,852**
[13] A1
[51] **Int.Cl. 7A01G 9/20**
[25] EN
[54] **METHOD AND APPARATUS FOR IRRADIATION OF PLANTS USING LIGHT EMITTING DIODES**
[54] **METHODE ET APPAREIL POUR L'ECLAIRAGE DES PLANTES A L'AIDE DE DIODES ELECTROLUMINESCENTES**
[72] DUBUC, EDEN, CA
[71] GELCORE LLC, CA
[22] 2004-05-19
[41] 2004-11-23
[30] US (60/472,869) 2003-05-23
[30] US (10/675,658) 2003-09-30

[21] **2,467,843**
[13] A1
[51] **Int.Cl. 7C10M 129/68**
[25] EN
[54] **LOW EMISSION DIESEL LUBRICANT WITH IMPROVED CORROSION PROTECTION**
[54] **LUBRIFIANT DIESEL A FAIBLE EMISSION ASSURANT UNE MEILLEURE PROTECTION CONTRE LA CORROSION**
[72] KLEIJWEGT, PETER, NL
[72] VAN LEEUWEN, JEROEN, NL
[72] VAN DAM, WILLEM, US
[72] SPALA, GENE, US
[71] CHEVRON ORONITE TECHNOLOGY B.V., NL
[71] CHEVRON ORONITE COMPANY LLC, US
[22] 2004-05-19
[41] 2004-11-22
[30] US (10/444,333) 2003-05-22

[21] **2,467,878**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD OF DETERMINING IMPACT OF MODEL CHANGES**
[54] **SYSTEME ET METHODE POUR DETERMINER LES REPERCUSSIONS DES MODIFICATIONS D'UN MODELE**
[72] POTTER, CHARLES M., CA
[72] VIERICH, RALF, CA
[71] COGNOS INCORPORATED, CA
[22] 2004-05-20
[41] 2004-11-22
[30] CA (2,429,335) 2003-05-22

[21] **2,467,889**
[13] A1
[51] **Int.Cl. 7G06K 9/00 7G06K 11/00**
[25] EN
[54] **APPARATUS AND METHOD OF INPUT AND FINGER PRINT RECOGNITION ON A HANDHELD ELECTRONIC DEVICE**
[54] **APPAREIL ET METHODE D'ENTREE ET DE RECONNAISSANCE DES EMPREINTES DIGITALES POUR DISPOSITIF ELECTRONIQUE A MAIN**
[72] FYKE, STEVEN H., CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2004-05-21
[41] 2004-11-21
[30] GB (0311794.2) 2003-05-21

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[21] **2,467,891**
[13] A1

[51] **Int.Cl. 7H04N 5/76 7H04N 5/22**
[25] EN
[54] **APPARATUS AND METHOD FOR REPRODUCING VIDEO CONTENTS**
[54] **APPAREIL ET METHODE DE REPRODUCTION DE CONTENU VIDEO**
[72] JUN, SUNG BAE, KR
[72] YOON, KYOUNG RO, KR
[72] KIM, YONG JOO, KR
[71] LG ELECTRONICS INC., KR
[22] 2004-05-21
[41] 2004-11-23
[30] KR (33054/2003) 2003-05-23

[21] **2,467,896**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/30**
[25] EN
[54] **METHOD AND APPARATUS FOR SECURE DELIVERY AND RIGHTS MANAGEMENT OF DIGITAL CONTENT**
[54] **METHODE ET APPAREIL DE LIVRAISON SECURISEE ET DE GESTION DES DROITS POUR CONTENU NUMERIQUE**
[72] JOHNSON, WOODROW W., US
[72] KLEBE, SKOTT C., US
[72] DEEVER, JOHN, US
[71] COPYRIGHT CLEARANCE CENTER, INC., US
[22] 2004-05-21
[41] 2004-11-22
[30] US (10/443,261) 2003-05-22

[21] **2,467,899**
[13] A1

[51] **Int.Cl. 7E21B 29/00**
[25] EN
[54] **THREAD INTEGRITY FEATURE FOR EXPANDABLE CONNECTIONS**
[54] **DISPOSITIF D'INTEGRITE DE FILETS POUR RACCORDEMENT DE RALLONGE**
[72] ELLINGTON, PETER, GB
[72] PENDLETON, GARY, GB
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-05-20
[41] 2004-11-22
[30] US (10/443,664) 2003-05-22

[21] **2,467,903**
[13] A1

[51] **Int.Cl. 7E21B 33/127 7E21B 33/12**
[25] EN
[54] **SELF SEALING EXPANDABLE INFLATABLE PACKERS**
[54] **GARNITURES D'ETANCHEITE EXPANSIBLES GONFLABLES AUTO-OBTURANTES**
[72] OLIVER, JAMES, US
[72] WHANGER, JAMES K., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-05-20
[41] 2004-11-22
[30] US (10/443,442) 2003-05-22

[21] **2,467,932**
[13] A1

[51] **Int.Cl. 7E04B 2/30 7E04C 5/12**
[25] EN
[54] **MASONRY TIE FOR CAVITY WALL CONSTRUCTION**
[54] **ATTACHE DE MACONNERIE POUR CONSTRUCTION DE MUR CREUX**
[72] COLLINS, P. MICHAEL, US
[72] SCHAEFER, STEVEN E., US
[71] COLLINS, P. MICHAEL, US
[71] SCHAEFER, STEVEN E., US
[22] 2004-05-20
[41] 2004-11-22
[30] US (60/472,605) 2003-05-22

[21] **2,467,934**
[13] A1

[51] **Int.Cl. 7B65G 67/02**
[25] EN
[54] **TRAILER LOADER/UNLOADER WITH PULLOUT SECTION**
[54] **CHARGEUR/DECHARGEUR DE REMORQUE A SECTION COULISSANTE**
[72] BROUWER, GERALD A., US
[71] SIEMENS AKTIENGESSELLSCHAFT, DE
[22] 2004-05-20
[41] 2004-11-22
[30] US (60/320,211) 2003-05-22

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[54] **ANTI-TIP WHEEL FOR A WHEELCHAIR**
[54] **ROUE ANTIBASCULEMENT POUR FAUTEUIL ROULANT**
[72] MULHERN, JAMES P., US
[71] PRIDE MOBILITY PRODUCTS CORPORATION, US
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[30] US (60/473,361) 2003-05-23

[21] **2,467,949**
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[54] **APPARATUS FOR PRODUCING A FIRE SPECIAL EFFECT**
[54] **APPAREIL DE PRODUCTION D'EFFETS SPECIAUX DE FEU**
[72] STARR, JOSEPH W., US
[72] HALL, ROCKNE, US
[71] TECHNIFEX PRODUCTS, LLC, US
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[30] US (10/249,949) 2003-05-21

[21] **2,467,952**
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[51] **Int.Cl. 7B23K 37/053 7B23K 20/00 7F16L 13/02**
[25] EN
[54] **WELDING DEVICE AND METHOD**
[54] **DISPOSITIF ET METHODE DE SOUDAGE**
[72] KIMURA, YUTAKA, JP
[71] NIPPON SANZO CORPORATION, JP
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[41] 2004-11-27
[30] JP (2003-149393) 2003-05-27

[21] **2,467,956**
[13] A1

[51] **Int.Cl. 7F24F 7/02**
[25] EN
[54] **ADJUSTABLE ROOF VENTILATOR JACK**
[54] **SUPPORT DE VENTILATEUR DE TOIT REGLABLE**
[72] RAMSAY, JEAN-ROCK, CA
[71] RAMSAY, JEAN-ROCK, CA
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[41] 2004-11-23
[30] GB (0311843.7) 2003-05-23

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[51] **Int.Cl. 7A61G 5/04 7A61G 5/10**
[25] EN
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[54] **ROUE ANTIBASCULEMENT POUR FAUTEUIL ROULANT**
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[71] PRIDE MOBILITY PRODUCTS CORPORATION, US
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[13] A1
[51] **Int.Cl. 7B65D 5/20 7B65D 21/032**
[25] EN
[54] **PACKAGE FOR SHIPPING STACKABLE ARTICLES**
[54] **EMBALLAGE POUR LE TRANSPORT D'ARTICLES EMPILABLES**
[72] NELSON, RICKY JERRALL, SR., US
[72] BROWN, JEFFREY THOMAS, US
[71] TEKNI-PLEX, INC., US
[22] 2004-05-21
[41] 2004-11-21
[30] US (10/442,404) 2003-05-21

[21] **2,467,985**
[13] A1
[51] **Int.Cl. 7G06F 17/17**
[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING NEAR-OPTIMAL REPRESENTATIONS OVER REDUNDANT DICTIONARIES**
[54] **APPAREIL ET METHODE DE FOURNITURE DE REPRESENTATIONS QUASI-OPTIMALES POUR DICTIONNAIRES REDONDANTS**
[72] STRAUSS, MARTIN J., US
[72] MUTHUKRISHNAN, SHANMUGAVELAYUTHAM, US
[72] GILBERT, ANNA C., US
[71] AT&T CORP., US
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[30] US (60/472,614) 2003-05-22

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[51] **Int.Cl. 7B27L 11/08**
[25] EN
[54] **APPARATUS FOR COMMUNING WOOD BOARD STACKS TO STRANDS**
[54] **DILACERATEUR EN COPEAUX DE PILES DE PLANCHES**
[72] SCHOELER, MICHAEL, DE
[71] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH & CO. KG, DE
[22] 2004-05-21
[41] 2004-11-23
[30] DE (103 23 824.7-15) 2003-05-23

[21] **2,467,994**
[13] A1
[51] **Int.Cl. 7G06F 17/50**
[25] EN
[54] **SYSTEM AND METHOD OF DESIGN MODELLING**
[54] **SYSTEME ET METHODE DE MODELISATION DE CONCEPTION**
[72] POTTER, CHARLES M., CA
[72] POGREBTSOV, ALEXEI, CA
[71] COGNOS INCORPORATED, CA
[22] 2004-05-21
[41] 2004-11-22
[30] CA (2,429,336) 2003-05-22

[21] **2,467,996**
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[51] **Int.Cl. 7G06F 17/60 7A61J 7/00 7H04L 12/16**
[25] EN
[54] **DRUG SAMPLE FULFILLMENT ARCHITECTURE**
[54] **SYSTEME ET DISPOSITIF DE DISTRIBUTION D'ECHANTILLONS DE MEDICAMENTS**
[72] KOST, CECIL, US
[72] CHROBUCK, TIMOTHY, US
[72] KING, SCOTT M., US
[72] SINGER, STEVEN E., US
[72] HECTOR, ZACHARY K., US
[72] BURROWS, SUSAN T., US
[72] TOVREA, DAVID V., US
[71] MEDMANAGE SYSTEMS, INC., US
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[41] 2004-11-22
[30] US (60/472,956) 2003-05-22
[30] US (10/674,904) 2003-09-30

[21] **2,468,001**
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[51] **Int.Cl. 7G06F 12/02 7H04L 12/24**
[25] EN
[54] **POST-CACHE SUBSTITUTION**
[54] **SUBSTITUTION POST-CACHE**
[72] ROBSMAN, DMITRY, US
[72] MILLINGTON, BRADLEY D., US
[71] MICROSOFT CORPORATION, US
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[30] US (10/444,834) 2003-05-23

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[51] **Int.Cl. 7H01R 13/629 7H01R 24/04**
[25] EN
[54] **WIRE LEAD GUIDE AND METHOD FOR TERMINATING A COMMUNICATIONS CABLE**
[54] **DISPOSITIF DE GUIDAGE DE FILS ET METHODE DE BRANCHEMENT D'UN CABLE DE COMMUNICATIONS**
[72] TAZBAZ, ANTOINE, CA
[72] QUENNEVILLE, ALAIN, CA
[72] BOHBOT, MICHEL, CA
[71] NORDX/CDT, INC., CA
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[30] CA (2,429,765) 2003-05-23
[30] US (60/472,779) 2003-05-23

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[51] **Int.Cl. 7G06F 17/00 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD OF MODEL ACTION LOGGING**
[54] **SYSTEME ET METHODE D'ENREGISTREMENT D'ACTION EN FONCTION D'UN MODELE**
[72] POGREBTSOV, ALEXEI, CA
[72] BUCHLER, KAMIL, CA
[72] POTTER, CHARLES M., CA
[72] DACHEVSKI, BORIS, CA
[71] COGNOS INCORPORATED, CA
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[30] CA (2,429,375) 2003-05-22

[21] **2,468,012**
[13] A1
[51] **Int.Cl. 7F22B 31/00 7F22B 19/00 7F22B 7/06 7F22B 7/16 7E21B 43/24**
[25] EN
[54] **STEAM GENERATION APPARATUS AND METHOD**
[54] **CHAUDIERE A VAPEUR ET METHODE**
[72] SARKAR, SUJIT K., CA
[71] ACS ENGINEERING TECHNOLOGIES INC., CA
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[41] 2004-11-23
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[13] A1

[51] **Int.Cl. 7B62B 7/06 7B62B 11/00**
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[54] **CONVERTIBLE TOY WAGON**
[54] **WAGON-JOUET**
TRANSFORMABLE
[72] FOX, BRYAN, US
[72] RODRIGUEZ, HECTOR, US
[72] KOSTER, JOEL, US
[72] CHIAPPETTA, GARY, US
[71] RADIO FLYER INC., US
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[41] 2004-11-23
[30] US (10/444,411) 2003-05-23

[21] **2,468,045**
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD OF**
PRESENTING MULTILINGUAL
METADATA
[54] **SYSTEME ET METHODE DE**
PRESENTATION DE METADONNEES
MULTILINGUES
[72] POTTER, CHARLES M., CA
[71] COGNOS INCORPORATED, CA
[22] 2004-05-20
[41] 2004-11-22
[30] CA (2,429,558) 2003-05-22

[21] **2,468,095**
[13] A1

[51] **Int.Cl. 7B65B 11/00**
[25] EN
[54] **DEVICE FOR LAMINATING**
PROFILES
[54] **DISPOSITIF DE STRATIFICATION**
DE PROFILES
[72] SCHOETZ, MANFRED, DE
[72] HAINZ, ROBERT, DE
[71] THYSSEN POLYMER GMBH, DE
[22] 2004-05-21
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[21] **2,468,023**
[13] A1

[51] **Int.Cl. 7A47J 27/00 7A47J 43/00**
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[25] EN
[54] **MICROWAVE BEVERAGE AND**
FOOD PREPARATION APPARATUS
[54] **APPAREIL DE PREPARATION DE**
BOISSONS ET D'ALIMENTS POUR
MICRO-ONDES
[72] EDMARK, JOHN THOMAS, US
[71] MEGADEX CORPORATION, US
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[30] US (UNKNOWN) 2004-05-19

[21] **2,468,064**
[13] A1

[51] **Int.Cl. 7G06F 3/14 7G06F 17/00**
[25] EN
[54] **SYSTEM AND METHOD OF**
VISUAL GROUPING OF ELEMENTS IN
A DIAGRAM
[54] **SYSTEME ET METHODE DE**
GROUPEMENT VISUEL D'ELEMENTS
DANS UN DIAGRAMME
[72] POTTER, CHARLES M., CA
[72] MCAVOY, JAMES IVAN, CA
[71] COGNOS INCORPORATED, CA
[22] 2004-05-20
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[30] CA (2,429,284) 2003-05-22

[21] **2,468,098**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7A61J 7/00**
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[25] EN
[54] **ARCHITECTURE FOR**
ORCHESTRATING PROMOTIONAL
SERVICES
[54] **ARCHITECTURE**
D'ORGANISATION DE SERVICES DE
PROMOTION
[72] CHROBUCK, TIMOTHY, US
[72] TOVREA, DAVID V., US
[72] KING, SCOTT M., US
[72] GLEASON, MARK, US
[72] SINGER, STEVEN E., US
[72] KOST, CECIL, US
[71] MEDMANAGE SYSTEMS, INC., US
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[30] US (60/573,234) 2004-05-21
[30] US (10/850,654) 2004-05-21

[21] **2,468,043**
[13] A1

[51] **Int.Cl. 7E03D 3/12 7E03D 5/00**
[25] EN
[54] **TOILET FLUSHING**
ARRANGEMENT
[54] **CHASSE D'EAU**
[72] STEADMAN, WILLIAM DAVID, US
[71] STEADMAN, WILLIAM DAVID, US
[22] 2004-05-20
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[30] GB (0312014.4) 2003-05-24

[21] **2,468,094**
[13] A1

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[25] EN
[54] **FLUID COUPLINGS**
[54] **COUPLEURS HYDRAULIQUES**
[72] HOFF, STEVEN R., US
[72] BRUGMANN, DONALD H., US
[71] DANA CORPORATION, US
[22] 2004-05-20
[41] 2004-11-21
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[13] A1
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[25] EN
[54] **POWDER COATINGS PRODUCED
WITH LOW TEMPERATURE
CROSSLINKERS AND COATED
ARTICLES PRODUCED THEREFROM**
[54] **REVETEMENTS EN POUDRE
OBTENUS A L'AIDE D'AGENTS DE
RETICULATION A BASSE
TEMPERATURE ET ARTICLES
REJETUS CONNEXES**
[72] RAWLINS, JAMES W., US
[72] FAECKE, THOMAS, US
[72] SUBRAMANIAN, RAMESH, US
[72] VIDRA, ERIC J., US
[71] BAYER POLYMERS LLC, US
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[41] 2004-11-23
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[21] **2,468,132**
[13] A1
[51] **Int.Cl. 7B81B 7/02 7B81B 5/00**
[25] EN
[54] **ELECTRODE CONFIGURATION
FOR PIANO MEMS MICROMIRRORS**
[54] **CONFIGURATION DES
ELECTRODES DE MICROMIROIRS
MEM DE STYLE PIANO**
[72] KEYWORTH, BARRIE, CA
[72] MILLER, JOHN MICHAEL, CA
[72] MA, YUAN, CA
[72] HESS, DAVID R., CA
[72] JIN, WENLIN, CA
[71] JDS UNIPHASE INC., CA
[22] 2004-05-20
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[30] CA (2,429,508) 2003-05-23
[30] US (10/445,360) 2003-05-27
[30] US (60/504,210) 2003-09-22
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[51] **Int.Cl. 7B81B 7/02 7B81B 5/00**
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[54] **ELECTRICAL CROSS-TALK
SHIELDS FOR MEMS
MICROMIRRORS**
[54] **BLINDAGES ANTI-DIAPHONIE
ELECTRIQUE POUR MICROMIROIRS
MEM**
[72] KEYWORTH, BARRIE, CA
[72] MA, YUAN, CA
[72] MCKINNON, GRAHAM, CA
[72] MALA, MOHIUDDIN, CA
[72] MILLER, JOHN MICHAEL, CA
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[30] CA (2,429,508) 2003-05-23
[30] US (10/445,360) 2003-05-27
[30] US (60/479,222) 2003-06-18
[30] US (60/504,210) 2003-09-22

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[51] **Int.Cl. 7B41F 21/00 7B41J 11/00
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[25] EN
[54] **ROLLED PAPER HOLDER AND
IMAGE FORMING APPARATUS
INCORPORATING THE SAME**
[54] **PORTE-ROULEAU DE PAPIER ET
DISPOSITIF IMAGEUR AINSI EQUIPE**
[72] KOYABU, AKIRA, JP
[71] SEIKO EPSON CORPORATION, JP
[22] 2004-05-20
[41] 2004-11-21
[30] JP (2003-143425) 2003-05-21

[21] **2,468,134**
[13] A1
[51] **Int.Cl. 7F02C 7/06 7F02C 9/18 7F01D
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[25] EN
[54] **DEVICE FOR SUPPLYING
SECONDARY AIR IN A GAS TURBINE
ENGINE**
[54] **INSUFFLATEUR D'AIR
SECONDAIRE DE TURBINE A GAZ**
[72] FUKUTANI, MASAYUKI, JP
[72] NODA, ETSUO, JP
[72] WARAGAI, ATSUKUNI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-05-20
[41] 2004-11-21
[30] JP (2003-143116) 2003-05-21

[21] **2,468,147**
[13] A1
[51] **Int.Cl. 7H04R 1/20 7H04R 3/00
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[25] EN
[54] **SOUND FIELD MEASUREMENT
DEVICE**
[54] **DISPOSITIF DE MESURE DU
CHAMP SONORE**
[72] HASHIMOTO, HIROYUKI, JP
[72] HASHIMOTO, KOICHI, JP
[72] SATOH, KAZUE, JP
[72] TERAJ, KENICHI, JP
[71] MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., JP
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[41] 2004-11-26
[30] JP (2003-147241) 2003-05-26

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[13] A1
[51] **Int.Cl. 7A23G 3/00 7A23J 1/00 7A23J
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[25] EN
[54] **SOY PROTEIN BLEND FOR SOFT
CONFECTIONARY FOOD BARS**
[54] **MELANGE A BASE DE
PROTEINES DE SOJA POUR BARRES
ALIMENTAIRES DE CONFISERIE
MOLLES**
[72] TAILLIE, STEVEN A., US
[72] CHO, MYONG J., US
[71] SOLAE, LLC, US
[22] 2004-05-25
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[13] A1

[51] **Int.Cl. 7F16L 25/10 7E21B 7/08**
[25] EN
[54] **TUBING CONNECTOR**
[54] **RACCORD POUR TUBES**
[72] MAGUIRE, PATRICK GLEN, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-05-21
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[30] GB (0311721.5) 2003-05-22

[21] **2,468,198**
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/00**
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[25] EN
[54] **COMBINATION NICKEL FOAM**
EXPANDED NICKEL SCREEN
ELECTRICAL CONNECTION
SUPPORTS FOR SOLID OXIDE FUEL
CELLS
[54] **SUPPORTS DE CONNEXIONS**
ELECTRIQUES POUR PILES A
COMBUSTIBLE A OXYDE SOLIDE,
FORMES D'UNE COMBINAISON DE
MOUSSE DE NICKEL ET D'UN
TREILLIS EN NICKEL METALLIQUE
DEPLOYE
[72] GEORGE, RAYMOND A., US
[72] DRAPER, ROBERT, US
[72] BRONSON, ANGELA, US
[72] PREVISH, THOMAS, US
[71] SIEMENS WESTINGHOUSE POWER
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[30] US (10/444,623) 2003-05-23

[21] **2,468,200**
[13] A1

[51] **Int.Cl. 7B27L 11/00 7B27G 13/08**
[25] EN
[54] **CHIPPING APPARATUS HAVING**
AN ADJUSTABLE CUTTING ANGLE
[54] **APPAREIL DE DECHIQUETAGE**
AYANT UN ANGLE DE COUPE
REGLABLE
[72] PALLMANN, HARTMUT, DE
[71] PALLMANN MASCHINENFABRIK
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[41] 2004-11-22
[30] DE (103 23 769.0-23) 2003-05-22

[21] **2,468,204**
[13] A1

[51] **Int.Cl. 7C08L 23/12 7C08J 5/12**
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[25] EN
[54] **SYSTEM AND METHOD FOR**
COUPLING POLYPROPYLENE TO
OTHER MATERIALS AND THE
RESULTING COMPOSITION
[54] **SYSTEME ET METHODE DE**
COUPLAGE DU POLYPROPYLENE ET
D'AUTRES MATERIAUX ET
COMPOSITION RESULTANTE
[72] BAUR, AL J.C., IL
[72] MAYER, YARON, IL
[71] BAUR, AL J.C., IL
[71] MAYER, YARON, IL
[22] 2004-05-21
[41] 2004-11-21
[30] CA (2,429,111) 2003-05-21

[21] **2,468,210**
[13] A1

[51] **Int.Cl. 7B07C 5/34**
[25] EN
[54] **SYSTEM AND METHOD FOR**
PROVIDING SHEETS TO AN
INSERTER SYSTEM USING A ROTARY
CUTTER
[54] **SYSTEME ET METHODE**
D'ALIMENTATION EN FEUILLES
D'UN SYSTEME D'INSERTION AU
MOYEN D'UNE DEROLEUSE
[72] MASOTTA, JOHN R., US
[72] SUSSMEIER, JOHN W., US
[72] WRIGHT, WILLIAM J., US
[72] ROZENFELD, BORIS, US
[71] PITNEY BOWES INC., US
[22] 2004-05-25
[41] 2004-11-27
[30] US (10/445,673) 2003-05-27

[21] **2,468,212**
[13] A1

[51] **Int.Cl. 7H04M 1/2745**
[25] EN
[54] **SYSTEM AND METHOD FOR**
RETRIEVING TELEPHONE NUMBERS
[54] **SYSTEME ET METHODE DE**
RECHERCHE DE NUMEROS DE
TELEPHONE
[72] WONG, KENT WAH SHUN, HK
[72] ROGALSKI, GARY, CA
[71] VTECH TELECOMMUNICATIONS
LIMITED, HK
[22] 2004-05-25
[41] 2004-11-27
[30] US (10/445,253) 2003-05-27

[21] **2,468,215**
[13] A1

[51] **Int.Cl. 7F16L 55/04 7F16F 15/00**
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[25] EN
[54] **ANTI-VIBRATION TUBE SUPPORT**
SUPPORT DE TUBES
ANTIVIBRATIONS
[72] CALANOG, MARCIANO M., US
[72] RUDY, THOMAS M., US
[72] TOMOTAKI, ROBERTO CARLOS, US
[72] WANNI, AMAR S., US
[71] EXXONMOBIL RESEARCH AND
ENGINEERING COMPANY, US
[22] 2004-05-25
[41] 2004-11-24
[30] US (60/480,921) 2003-05-24
[30] US (60/511,623) 2003-10-15
[30] US (10/848,903) 2004-05-19

[21] **2,468,315**
[13] A1

[51] **Int.Cl. 7B63H 20/20 7B63H 23/30**
[25] EN
[54] **MARINE PROPULSION MACHINE**
MACHINE MARINE DE
PROPULSION
[72] MATSUDA, YOSHIYUKI, JP
[72] IDE, SHINICHI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-05-25
[41] 2004-11-26
[30] JP (2003-148297) 2003-05-26

[21] **2,468,318**
[13] A1

[51] **Int.Cl. 7A61G 5/00**
[25] EN
[54] **STEERABLE PERSON HANDLING**
SYSTEM
[54] **SYSTEME ORIENTABLE DE**
TRANSPORT DE PERSONNE
[72] CORRIVEAU, MICHEL, CA
[72] FAUCHER, MARTIN, CA
[71] BHM MEDICAL INC., CA
[22] 2004-05-25
[41] 2004-11-27
[30] US (10/445,359) 2003-05-27

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[13] A1
[51] **Int.Cl. 7B62D 55/07 7B60N 2/28 7B60N 2/40**
[25] EN
[54] **THREE-SEAT SNOWMOBILE WITH MODULAR SEAT**
[54] **MOTONEIGE TRIPLACE A SIEGE MODULAIRE**
[72] BEDARD, YVON, CA
[72] LANGLAIS, STEVE, CA
[72] RASIDESCU, MIHAI, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[13] A1
[51] **Int.Cl. 7B62D 55/07 7B60N 2/22 7B60N 2/40**
[25] EN
[54] **MULTI-PASSENGER SNOWMOBILE HAVING A SEAT WITH A MOVABLE BACKREST**
[54] **MOTONEIGE MULTIPLACE MUNI D'UN SIEGE A DOSSIER REGLABLE**
[72] GILBERT, ANDRE, CA
[72] BEDARD, YVON, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[41] 2004-11-23
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[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD OF MULTIDIMENSIONAL QUERY RESULTS PROCESSING**
[54] **SYSTEME ET METHODE DE TRAITEMENT DES RESULTATS D'INTERROGATIONS MULTIDIMENSIONNELLES**
[72] COSMA, MARIUS, CA
[72] CUSHING, DAVID, CA
[72] BEFFERT, HELMUT, CA
[72] WARNER, NEIL, CA
[71] COGNOS INCORPORATED, CA
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[30] CA (2,429,909) 2003-05-27

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[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD OF TRANSFORMING QUERIES BASED UPON E/R SCHEMA INTO MULTIDIMENSIONAL EXPRESSION QUERIES**
[54] **SYSTEME ET METHODE DE TRANSFORMATION D'INTERROGATIONS BASEES SUR LE SCHEMA ENTITE-RELATION EN INTERROGATIONS MULTIDIMENSIONNELLES**
[72] WARNER, NEIL, CA
[72] BEFFERT, HELMUT, CA
[72] CUSHING, DAVID, CA
[72] COSMA, MARIUS, CA
[71] COGNOS INCORPORATED, CA
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[51] **Int.Cl. 7F28D 7/00**
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[54] **HEAT EXCHANGER FOR LIQUID VAPORIZATION**
[54] **ECHANGEUR DE CHALEUR POUR LA VAPORISATION DU LIQUIDE**
[72] MOODY, EUGENE I., CA
[71] MOODY, EUGENE I., CA
[22] 2004-05-26
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[30] CA (2,430,041) 2003-05-26

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[51] **Int.Cl. 7G06F 1/26**
[25] EN
[54] **METHOD AND APPARATUS FOR HANDLING A CHARGING STATE IN A MOBILE ELECTRONIC DEVICE**
[54] **METHODE ET DISPOSITIF DE TRAITEMENT D'UN ETAT DE CHARGE D'UN DISPOSITIF ELECTRONIQUE MOBILE**
[72] VESELIC, DUSAN, CA
[72] SKARINE, ALEXEI, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2004-05-27
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[30] GB (0312079.7) 2003-05-27

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[51] **Int.Cl. 7A01G 23/091**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND TIPS ON SAWHEADS FOR APPLICATION IN THE TIMBER INDUSTRY**
[54] **TETES D'ABATTAGE A CHAINES A POINTES DE DIAMANT POLYCRISTALLIN POUR TRAVAUX D'EXPLOITATION FORESTIERE**
[72] RIES, SCOTT A., US
[71] DIAMOND INNOVATIONS, INC., US
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[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD OF QUERY TRANSFORMATION**
[54] **SYSTEME ET METHODE DE TRANSFORMATION D'INTERROGATIONS**
[72] STYLES, MICHAEL E., CA
[71] COGNOS INCORPORATED, CA
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[54] **SYSTEM AND METHOD OF QUERY TRANSFORMATION**
[54] **SYSTEME ET METHODE DE TRANSFORMATION D'INTERROGATIONS**
[72] STYLES, MICHAEL E., CA
[72] CAZEMIER, HENK, CA
[71] COGNOS INCORPORATED, CA
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[25] EN
[54] **SYSTEM AND METHOD OF CLIENT/SERVER AGGREGATE TRANSFORMATION**
[54] **SYSTEME ET METHODE DE TRANSFORMATION D'AGREGATS CLIENT/SERVEUR**
[72] STYLES, MICHAEL E., CA
[71] COGNOS INCORPORATED, CA
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[41] 2004-11-27
[30] CA (2,429,910) 2003-05-27

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[51] **Int.Cl. 7G06F 17/00 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD OF MODELLING OF A MULTI-DIMENSIONAL DATA SOURCE IN AN ENTITY-RELATIONSHIP MODEL**
[54] **SYSTEME ET METHODE DE MODELISATION D'UNE SOURCE DE DONNEES MULTIDIMENSIONNELLE DANS UNE MODELE D'ENTITE-RELATION**
[72] POTTER, CHARLES M., CA
[72] CUSHING, DAVID, CA
[71] COGNOS INCORPORATED, CA
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[30] CA (2,429,907) 2003-05-27

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[25] EN
[54] **SYSTEM FOR CONVERTING DATA BASED UPON IPV4 INTO DATA BASED UPON IPV6 TO BE TRANSMITTED OVER AN IP SWITCHED NETWORK**
[54] **SYSTEME POUR CONVERTIR DES DONNEES IPV4 EN DONNEES IPV6 A TRANSMETTRE SUR UN RESEAU COMMUTE IP**
[72] BRUNO, AURELIEN, FR
[72] GALAND, CLAUDE, FR
[72] GIROIR, DIDIER, FR
[72] LE PENNEC, JEAN-FRANCOIS, FR
[71] AT&T CORP., US
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[54] **MULTI-POSITION RAIL FOR A BARRIER**
[54] **LISSE MULTI-POSITION POUR GARDE-FOU**
[72] FORBIS, JOHN T., US
[71] KROY BUILDING PRODUCTS, INC., US
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[30] US (60473535) 2003-05-26
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[25] EN
[54] **A BLAST MOVEMENT MONITOR AND METHOD FOR DETERMINING THE MOVEMENT OF A BLAST MOVEMENT MONITOR AND ASSOCIATED ROCK AS A RESULT OF BLASTING OPERATIONS**
[54] **MONITEUR DE MOUVEMENT D'EXPLOSION ET METHODE DE DETERMINATION DU MOUVEMENT D'UN MONITEUR DE MOUVEMENT D'EXPLOSION ET DE LA ROCHE A LA SUITE D'OPERATIONS DE DYNAMITAGE**
[72] LA ROSE, DAVID MARIO, AU
[72] THORNTON, DARREN MARK, AU
[72] WORTLEY, MICHAEL, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
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[21] **2,468,589**
[13] A1

[51] **Int.Cl. 7B26B 19/28**
[25] EN
[54] **A RECHARGEABLE ELECTRIC SHAVER**
[54] **RASOIR ELECTRIQUE RECHARGEABLE**
[72] KAWAFUNE, KYOICHI, JP
[71] IZUMI PRODUCTS COMPANY, JP
[22] 2004-05-26
[41] 2004-11-27
[30] JP (2003-149496) 2003-05-27

[21] **2,468,605**
[13] A1

[51] **Int.Cl. 7A01G 13/00 7A01G 13/02 7A01G 13/10**
[25] EN
[54] **INSECT BARRIER PERMITTING DOWNWARD TRAVEL OF INSECTS**
[54] **BARRIERE CONTRE LES INSECTES PERMETTANT LE DEPLACEMENT DES INSECTES VERS LE BAS**
[72] THOMPSON, JAMES D., CA
[71] ENVIROMETRICS SYSTEMS INC., CA
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[30] US (60/473,131) 2003-05-27

[21] **2,468,614**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD OF QUERY TRANSFORMATION**
[54] **SYSTEME ET METHODE DE TRANSFORMATION DES INTERROGATIONS**
[72] STYLES, MICHAEL E., CA
[72] COSMA, MARIUS, CA
[71] COGNOS INCORPORATED, CA
[22] 2004-05-27
[41] 2004-11-27
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[21] **2,468,617**
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[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD OF QUERY TRANSFORMATION**
[54] **SYSTEME ET METHODE DE TRANSFORMATION DES INTERROGATIONS**
[72] STYLES, MICHAEL E., CA
[71] COGNOS INCORPORATED, CA
[22] 2004-05-27
[41] 2004-11-27
[30] CA (2,429,910) 2003-05-27

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[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD OF PROCESSING QUERIES**
[54] **SYSTEME ET METHODE DE TRAITEMENT DES INTERROGATIONS**
[72] STYLES, MICHAEL E., CA
[71] COGNOS INCORPORATED, CA
[22] 2004-05-27
[41] 2004-11-27
[30] CA (2,429,910) 2003-05-27

[21] **2,468,662**
[13] A1
[51] **Int.Cl. 7E21B 10/08**
[25] EN
[54] **METHODS FOR EVALUATING CUTTING ARRANGEMENTS FOR DRILL BITS AND THEIR APPLICATION TO ROLLER CONE DRILL BIT DESIGNS**
[54] **METHODES D'EVALUATION D'ARRANGEMENTS DE COUPE POUR TREPANS ET LEUR APPLICATION A DES CONCEPTIONS DE TREPANS A MOLETTES**
[72] SINGH, AMARDEEP, US
[72] BRIETZKE, DANIEL W., US
[72] MCDONOUGH, SCOTT D., US
[71] SMITH INTERNATIONAL, INC., US
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[41] 2004-11-27
[30] US (60/473,552) 2003-05-27
[30] US (10/853,869) 2004-05-26
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[21] **2,469,819**
[13] A1
[51] **Int.Cl. 7A61K 9/30 7B05D 1/00 7C09D 129/00 7A23G 3/00 7A01C 1/06 7A61J 3/06 7A23P 1/08 7A61K 9/28 7A61K 9/36**
[25] FR
[54] **PROCEDE DE DRAGEIFICATION DURE AMELIORE**
[54] **IMPROVED HARD SUGAR COATING METHOD**
[72] ORTIZ DE ZARATE, DOMINIQUE, FR
[71] ORTIZ DE ZARATE, DOMINIQUE, FR
[22] 2004-05-11
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[30] FR (FR 03 06320) 2003-05-26

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[13] A1
[51] **Int.Cl. 7F02C 7/28**
[25] FR
[54] **SYSTEME D'ETANCHEITE DU FLUX SECONDAIRE A L'ENTREE D'UNE TUYERE D'UNE TURBOMACHINE AVEC CHAMBRE DE POST-COMBUSTION**
[54] **SECONDARY FLOW SEALING SYSTEM AT THE ENTRANCE OF A TURBOMACHINE NOZZLE WITH POST-COMBUSTION CHAMBER**
[72] LAPERGUE, GUY, FR
[72] SEVI, GUILLAUME, FR
[72] ROCHE, JACQUES, FR
[71] SNECMA MOTEURS, FR
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[41] 2004-11-27
[30] FR (03 06390) 2003-05-27

[21] **2,469,861**
[13] A1
[51] **Int.Cl. 7B23K 26/06 7B23K 26/38**
[25] FR
[54] **OPTIQUE DE FOCALISATION POUR LE COUPAGE LASER**
[54] **FOCUSING OPTICS FOR LASER CUTTING**
[72] CAMY-PEYRET, FREDERIC, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE P OUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[30] FR (03/06155) 2003-05-22

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[13] A1
[51] **Int.Cl. 7B61B 13/04**
[25] FR
[54] **SYSTEME D'OUVRAGE AVEC VOIE POUR SYSTEME DE TRANSPORT A SUSTENTATION MAGNETIQUE ET PROPULSION PAR MOTEUR ELECTRIQUE LINEAIRE**
[54] **STRUCTURE WITH TRACK FOR TRANSPORTATION SYSTEM WITH MAGNETIC LIFT AND PROPULSION BY LINEAR ELECTRICAL MOTOR**
[72] DUTOIT, DANIEL, FR
[72] TUTZAUER, RENE, FR
[71] SYSTRA, FR
[71] ALSTOM, FR
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[41] 2004-11-23
[30] FR (03 06280) 2003-05-23

[21] **2,469,868**
[13] A1
[51] **Int.Cl. 7B64D 27/18 7B64D 27/26**
[25] FR
[54] **DISPOSITIF D'ACCROCHAGE AVANT DE MOTEUR D'AVION**
[54] **AIRCRAFT ENGINE FRONT HANGING DEVICE**
[72] TESNIERE, MARC, FR
[72] PASQUER, FELIX, FR
[72] LOEWENSTEIN, PHILIPPE, FR
[71] SNECMA MOTEURS, FR
[22] 2004-05-25
[41] 2004-11-27
[30] FR (03 06436) 2003-05-27

[21] **2,469,871**
[13] A1
[51] **Int.Cl. 7B64D 27/18 7B64D 27/26**
[25] FR
[54] **SUSPENSION ARRIERE DE MOTEUR D'AVION AVEC REPRISE DE POUSSEE**
[54] **AIRCRAFT ENGINE REAR SUSPENSION WITH THRUST TAKE-UP**
[72] PASQUER, FELIX, FR
[72] LOEWENSTEIN, PHILIPPE, FR
[72] TESNIERE, MARC, FR
[71] SNECMA MOTEURS, FR
[22] 2004-05-25
[41] 2004-11-27
[30] FR (03 06437) 2003-05-27

[21] **2,469,943**
[13] A1
[51] **Int.Cl. 7B64D 27/18 7B64D 27/26**
[25] FR
[54] **DISPOSITIF D'ACCROCHAGE ARRIERE DE MOTEUR D'AVION**
[54] **AIRCRAFT ENGINE REAR HANGING DEVICE**
[72] PASQUER, FELIX, FR
[72] LOEWENSTEIN, PHILIPPE, FR
[72] TESNIERE, MARC, FR
[71] SNECMA MOTEURS, FR
[22] 2004-05-25
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[13] A1

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[54] **PROCESS AND APPARATUS FOR
TREATING SLUDGE**

[54] **PROCEDE ET APPAREILLAGE DE
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[72] DERMOUNE, ABDERRAHMANE, CA

[72] BERRAK, ABDERRAZAK, CA

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[25] EN
[54] **SYSTEM AND APPARATUS FOR HOLDING AN ITEM IN STORAGE**
[54] **SYSTEME ET DISPOSITIF D'ENTREPOSAGE D'ARTICLE**
[72] ELDON, JAMES, US
[72] WINIG, RICHARD, US
[72] WINIG, ALAN, US
[71] EYE DESIGNS LLC, US
[85] 2003-11-10
[86] 2003-08-28 (PCT/US2003/027058)
[87] 2004-11-27 (WO/)
[30] US (10/445,699) 2003-05-27

[21] **2,453,194**
[13] A1

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[25] EN
[54] **AUTONOMOUS LIGHT-CONTROLLING LAMINATED BODIES AND WINDOWS EMPLOYING THE SAME**
[54] **CORPS STRATIFIES A REGULATION AUTONOME DE LA LUMIERE ET FENETRES INCORPORANT CES CORPS**
[72] WATANABE, HARUO, JP
[71] AFFINITY CO., LTD., JP
[85] 2004-01-15
[86] 2003-12-02 (PCT/JP2003/015413)
[87] 2004-11-22 (WO/)
[30] JP (2003-181864) 2003-05-22

[21] **2,463,581**
[13] A1

[51] **Int.Cl. 7C07K 14/44 7A61K 39/008 7C07K 16/20 7G01N 33/569**
[25] EN
[54] **MICROFLUIDIZED LEISHMANIA ANTIGEN AND METHODS OF MAKING AND USING THEREOF**
[54] **ANTIGENE DE LEISHMANIA MICROFLUIDISE ET TECHNIQUES DE FABRICATION ET D'UTILISATION DE CELUI-CI**
[72] STITELER, JOHN M., US
[72] GROGL, MAX, US
[72] ROWTON, EDGAR D., US
[72] MAGILL, ALAN J., US
[72] ECKELS, KENNETH H., US
[72] BALLOU, WILLIAM R., US
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[13] A1

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[25] EN
[54] **APPARATUS OF HIGH POWER DENSITY FUEL CELL LAYER WITH MICRO STRUCTURED COMPONENTS**
[54] **APPAREIL A COUCHES DE PILES A COMBUSTIBLE A DENSITE DE PUISSANCE ELEVEE DOTE DE COMPOSANTS MICROSTRUCTURES**
[72] MCLEAN, GERARD FRANCIS, CA
[71] ANGSTROM POWER INCORPORATED, CA
[85] 2004-07-14
[86] 2003-02-05 (PCT/IB2003/000915)
[87] 2003-08-14 (WO2003/067693)
[30] US (60/354,795) 2002-02-06
[30] US (60/354,637) 2002-02-06
[30] US (60/354,912) 2002-02-06
[30] US (60/354,743) 2002-02-06
[30] US (60/360,638) 2002-02-06

[21] **2,473,718**
[13] A1

[51] **Int.Cl. 7A61K 31/567 7A61J 3/10 7A61K 9/14 7A61P 5/24**
[25] EN
[54] **IMMEDIATE-RELEASE PHARMACEUTICAL DOSAGE FORM COMPRISING POLYMORPHOUS TIBOLONE**
[54] **FORME POSOLOGIQUE A LIBERATION IMMEDIATE CONTENANT DE LA TIBOLONE POLYMORPHE**
[72] DE HAAN, PIETER, NL
[71] AKZO NOBEL N.V., NL
[85] 2004-08-05
[86] 2004-05-19 (PCT/EP2004/050852)
[87] 2004-11-23 (WO/)
[30] EP (03101500.1) 2003-05-23

[21] **2,473,922**
[13] A1

[51] **Int.Cl. 7C12N 1/21 7C12N 1/20 7C12N 15/70 7C12N 15/74 7C12N 15/90**
[25] EN
[54] **BACTERIA WITH REDUCED GENOME**
[54] **BACTERIE A GENOME REDUIT**
[72] BLATTNER, FREDERICK R., US
[72] PLUNKETT, GUY, US
[72] HERRING, CHRISTOPHER D., US
[72] POSFAL, GYORGY, HU
[72] GLASNER, JEREMY D., US
[72] TWOSE, TREVOR MARTIN, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[86] 2003-01-22 (PCT/US2003/001800)
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[30] US (10/057,582) 2002-01-23

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[13] A1

[51] **Int.Cl. 7B23K 10/00**
[25] FR
[54] **INSTRUMENT DE PROJECTION THERMIQUE**
[54] **THERMAL PROJECTION DEVICE**
[72] BOSSOUTROT, CEDRIC, FR
[72] BRAILLARD, FREDERIC, FR
[72] HOFFMANN, HAKIM, FR
[72] RENAULT, THIERRY, US
[72] VARDELLE, MICHEL, FR
[71] SNECMA SERVICES, FR
[85] 2004-08-18
[86] 2003-02-28 (PCT/FR2003/000647)
[87] 2003-09-04 (WO2003/072290)
[30] FR (02/02525) 2002-02-28

[21] **2,476,634**
[13] A1

[51] **Int.Cl. 7B23K 10/00**
[25] FR
[54] **INSTRUMENT DE PROJECTION THERMIQUE**
[54] **THERMAL PROJECTION DEVICE**
[72] RENAULT, THIERRY, US
[72] VARDELLE, MICHEL, FR
[72] BOSSOUTROT, CEDRIC, FR
[72] HOFFMANN, HAKIM, FR
[72] BRAILLARD, FREDERIC, FR
[71] SNECMA SERVICES, FR
[85] 2004-08-18
[86] 2003-02-28 (PCT/FR2003/000648)
[87] 2003-09-04 (WO2003/072291)
[30] FR (02/02526) 2002-02-28

[21] **2,476,635**
[13] A1

[51] **Int.Cl. 7B23K 10/00**
[25] FR
[54] **INSTRUMENT DE PROJECTION THERMIQUE**
[54] **THERMAL SPRAYING INSTRUMENT**
[72] RENAULT, THIERRY, US
[72] BOSSOUTROT, CEDRIC, FR
[72] VARDELLE, MICHEL, FR
[72] BRAILLARD, FREDERIC, FR
[72] HOFFMANN, HAKIM, FR
[71] SNECMA SERVICES, FR
[85] 2004-08-18
[86] 2003-02-28 (PCT/FR2003/000649)
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[30] FR (02/02524) 2002-02-28

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[13] A1

[51] **Int.Cl. 7A61B 17/04 7A61B 17/064 7A61F 2/08**
[25] EN
[54] **EXPANDABLE FASTENER WITH COMPRESSIVE GRIPS**
[54] **ELEMENT DE FIXATION EXPANSIBLE AVEC PRISES COMPRESSIVES**
[72] YEUNG, TERESA T., US
[72] YEUNG, JEFFREY E., US
[71] YEUNG, TERESA T., US
[71] YEUNG, JEFFREY E., US
[85] 2004-08-18
[86] 2003-01-31 (PCT/US2003/002856)
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[30] US (60/359,394) 2002-02-25

[21] **2,476,733**
[13] A1

[51] **Int.Cl. 7C02F 3/32 7C02F 1/78**
[25] EN
[54] **PRE- AND POST-TREATMENT SYSTEM AND METHOD FOR PERIPHYTON FILTRATION USING OZONE**
[54] **SYSTEME ET PROCEDE DE PRE ET POST-TRAITEMENT DESTINES A UNE FILTRATION PAR UN PERIPHYTON AU MOYEN D'OZONE**
[72] JENSEN, KYLE R., US
[71] AQUAFIBER TECHNOLOGIES CORPORATION, US
[85] 2004-08-18
[86] 2003-02-28 (PCT/US2003/006028)
[87] 2003-09-12 (WO2003/074428)
[30] US (60/361,632) 2002-02-28

[21] **2,476,734**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **METHOD AND APPARATUS FOR DEPLOYMENT OF AN ENDOLUMINAL DEVICE**
[54] **PROCEDE ET DISPOSITIF PERMETTANT LA MISE EN PLACE D'UN DISPOSITIF ENDOLUMINAL**
[72] WELDON, JAMES, US
[72] HAVERKOST, PATRICK A., US
[72] JOHNSON, WADE M., US
[72] MCDONALD, KAREN, US
[72] CHOUINARD, PAUL F., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2004-08-18
[86] 2003-02-19 (PCT/US2003/004832)
[87] 2003-09-04 (WO2003/071988)
[30] US (10/081,641) 2002-02-22

[21] **2,476,749**
[13] A1

[51] **Int.Cl. 7B64C 27/20 7B64C 29/00 7B64C 39/02**
[25] EN
[54] **AIRCRAFT**
[54] **AERONEF**
[72] WOB BEN, ALOYS, DE
[71] WOB BEN, ALOYS, DE
[85] 2004-08-18
[86] 2003-03-05 (PCT/EP2003/002210)
[87] 2003-09-12 (WO2003/074924)
[30] DE (102 09 881.6) 2002-03-06

[21] **2,476,751**
[13] A1

[51] **Int.Cl. 7F03D 11/04 7B60P 3/40**
[25] EN
[54] **METHOD OF TRANSPORTATION OF A WIND TURBINE NACELLE AND USE THEREOF**
[54] **PROCEDE DE TRANSPORT D'UNE NACELLE D'EOLIENNE ET SON UTILISATION**
[72] BUDTZ, LARS, DK
[72] CHRISTENSEN, MOGENS, DK
[71] VESTAS WIND SYSTEMS A/S, DK
[85] 2004-08-18
[86] 2003-02-19 (PCT/DK2003/000109)
[87] 2003-08-28 (WO2003/071130)
[30] EP (02075658.1) 2002-02-19

[21] **2,477,348**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 45/00 7C12P 21/02 7A61P 3/10 7C07K 16/28 7G01N 33/566 7C12N 15/63 7C07K 14/705**
[25] EN
[54] **NUCLEIC ACIDS ENCODING A G-PROTEIN COUPLED RECEPTOR INVOLVED IN ISLET CELL SIGNALING**
[54] **ACIDES NUCLEIQUES CODANT UNE PROTEINE G COUPLEE A UN RECEPTEUR IMPLIQUE DANS UN SIGNALEMENT DE CELLULES D'ILOTS PANCREATIQUES**
[72] JOHNSON, JEFFREY D., US
[72] BLUME, JOHN E., US
[72] GREGOIRE, FRANCINE M., US
[71] METABOLEX, INC., US
[85] 2004-07-02
[86] 2003-01-06 (PCT/US2003/000391)
[87] 2003-07-24 (WO2003/060150)
[30] US (60/345,697) 2002-01-04

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[21] **2,477,743**
[13] A1

[51] **Int.Cl. 7C12N 5/06**
[25] EN
[54] **IN VITRO MATURATION OF IMMATURE HUMAN OOCYTES**
[54] **MATURATION IN VITRO D'OVOCYTES HUMAINS IMMATURES**
[72] CHIAN, RI-CHENG, CA
[71] MCGILL UNIVERSITY, CA
[85] 2004-08-30
[86] 2003-03-07 (PCT/CA2003/000323)
[87] 2003-09-18 (WO2003/076600)
[30] US (60/362,395) 2002-03-08

[21] **2,477,762**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C07K 19/00 7C12P 37/04 7C12N 5/08 7C12N 15/12 7A61K 38/17 7C12N 15/62**
[25] FR
[54] **PEPTIDES UTILISABLES EN IMMUNOTHERAPIE ANTITUMORALE.**
[54] **PEPTIDES FOR USE IN ANTITUMOR IMMUNOTHERAPY**
[72] BENLALAM, HOUSSEM, FR
[72] JOTEREAU, FRANCINE, FR
[72] LINARD, BORIS, FR
[72] GUILLOUX, YANNICK, FR
[72] DIEZ, ELIZABETH, FR
[72] LABARRIERE, NATHALIE, FR
[72] GERVOIS, NADINE, FR
[72] DERRE, LAURENT, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE DE NANTES, FR
[85] 2004-08-31
[86] 2003-03-04 (PCT/FR2003/000698)
[87] 2003-09-12 (WO2003/074565)
[30] FR (02/02703) 2002-03-04

[21] **2,477,921**
[13] A1

[51] **Int.Cl. 7G01N 33/52**
[25] EN
[54] **ABSORBING ORGANIC REAGENT INTO DIAGNOSTIC TEST DEVICES BY FORMATION OF AMINE SALT COMPLEXES**
[54] **ABSORPTION DE REACTIFS ORGANIQUES DANS DES DISPOSITIFS DE TEST DE DIAGNOSTIC PAR FORMATION DE COMPLEXES DE SELS D'AMINE**
[72] PROFITT, JAMES A., US
[72] ORN, ALEXANDER H., US
[71] BAYER HEALTHCARE, LLC, US
[85] 2004-08-31
[86] 2003-02-17 (PCT/IB2003/000641)
[87] 2003-09-12 (WO2003/075008)
[30] US (60/360,880) 2002-03-05

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[13] A1

[51] **Int.Cl. 7A61K 38/16 7A61K 31/16 7A61K 38/18 7C07K 16/28 7A61K 31/381 7A61K 38/48**
[25] EN
[54] **USE OF EGFR TRANSACTIVATION INHIBITORS IN HUMAN CANCER**
[54] **UTILISATION D'INHIBITEURS DE LA TRANSACTIVATION DE L'EGFR DANS LE TRAITEMENT DU CANCER HUMAIN**
[72] ULLRICH, AXEL, DE
[72] SCHAFFER, BEATRIX, DE
[72] FISCHER, OLIVER, DE
[72] GSCHWIND, ANDREAS, DE
[72] LESERER, MICHAEL, DE
[71] MAX-PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2004-09-01
[86] 2003-03-07 (PCT/EP2003/002361)
[87] 2003-09-18 (WO2003/075947)
[30] EP (02005452.4) 2002-03-08

[21] **2,477,954**
[13] A1

[51] **Int.Cl. 7C12N 15/86**
[25] EN
[54] **MEANS AND METHODS FOR THE PRODUCTION OF ADENOVIRUS VECTORS**
[54] **MOYENS ET PROCEDE DE PRODUCTION DE VECTEURS D'ADENOVIRUS**
[72] VOGELS, RONALD, NL
[72] BOUT, ABRAHAM, NL
[71] CRUCELL HOLLAND B.V., NL
[85] 2004-08-31
[86] 2003-04-24 (PCT/EP2003/050125)
[87] 2003-12-18 (WO2003/104467)
[30] NL (PCT/NL02/00280) 2002-04-25

[21] **2,477,969**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7A61P 3/04 7A61P 3/06 7A61P 9/12 7A61K 38/17 7C07K 16/18 7C12N 5/20 7A61K 39/395**
[25] EN
[54] **FALP PROTEINS**
[54] **PROTEINES FALP**
[72] XU, AIMIN, NZ
[72] WANG, YU, NZ
[72] COOPER, GARTH JAMES SMITH, NZ
[71] PROTEMIX CORPORATION LIMITED, NZ
[85] 2004-08-31
[86] 2003-03-03 (PCT/NZ2003/000039)
[87] 2003-09-12 (WO2003/074559)
[30] US (60/361,152) 2002-03-01

[21] **2,478,009**
[13] A1

[51] **Int.Cl. 7A61K 39/285 7A61K 39/245**
[25] EN
[54] **MODIFIED VACCINIA VIRUS ANKARA FOR THE VACCINATION OF NEONATES**
[54] **VIRUS DE LA VACCINE ANKARA MODIFIEE POUR LA VACCINATION DES NOUVEAU-NES**
[72] ACKERMANN, MATHIAS, CH
[72] SUTER, MARK, CH
[72] VOLLSTEDT, SABINE, CH
[72] FRANCHINI, MARCO, CH
[72] HEFTI, HANS PETER, CH
[72] CHAPLIN, PAUL, DE
[71] BAVARIAN NORDIC A/S, DK
[85] 2004-08-31
[86] 2003-04-16 (PCT/EP2003/003994)
[87] 2003-10-30 (WO2003/088994)
[30] DK (PA 2002 00590) 2002-04-19

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[13] A1
[51] Int.Cl. 7C07K 16/46 7A61P 31/00
7A61P 35/00 7A61P 37/00 7A61K 51/10
7A61K 47/48 7G01N 33/577
[25] EN
[54] **BISPECIFIC ANTIBODY POINT
MUTATIONS FOR ENHANCING RATE
OF CLEARANCE**
[54] **MUTATIONS PONCTUELLES
DANS UN ANTICORPS BISPECIFIQUE,
PERMETTANT D'AUGMENTER LE
TAUX DE CLAIRANCE**
[72] HANSEN, HANS, US
[72] GOLDENBERG, DAVID M., US
[72] QU, ZHENGXING, US
[71] IMMUNOMEDICS, INC., US
[85] 2004-08-31
[86] 2003-03-03 (PCT/GB2003/000871)
[87] 2003-09-12 (WO2003/074569)
[30] US (60/361,037) 2002-03-01

[21] **2,478,012**
[13] A1
[51] Int.Cl. 7C07K 16/28 7A61P 35/02
7A61K 39/395 7G01N 33/574
[25] EN
[54] **INTERNALIZING ANTI-CD74
ANTIBODIES AND METHODS OF USE**
[54] **INTERNALISATION
D'ANTICORPS ANTI-CD74 ET
METHODES D'UTILISATION
CORRESPONDANTES**
[72] GOLDENBERG, DAVID M., US
[72] QU, ZHENGXING, US
[72] LEUNG, SHUI-ON, CN
[72] HANSEN, HANS, US
[71] IMMUNOMEDICS, INC., US
[85] 2004-08-31
[86] 2003-03-03 (PCT/GB2003/000890)
[87] 2003-09-12 (WO2003/074567)
[30] US (60/360,259) 2002-03-01

[21] **2,478,014**
[13] A1
[51] Int.Cl. 7C12N 15/29 7C12Q 1/68
7C12N 15/82 7C12N 9/90
[25] EN
[54] **PROTEIN OR POLYPEPTIDE
HAVING LACHRYMATOR SYNTHASE
ACTIVITY, DNA ENCODING THE
PROTEIN OR THE POLYPEPTIDE,
PROCESS FOR PRODUCING PROTEIN
OR POLYPEPTIDE HAVING
LACHRYMATOR SYNTHASE
ACTIVITY USING THE DNA, AND
NUCLEIC ACID MOLECULE
INHIBITING THE TRANSLATION OF
MRNA CONCERNING THE PROTEIN
OR THE PEPTIDE**
[54] **PROTEINE OU POLYPEPTIDE
AYANT UNE ACTIVITE DE SYNTHASE
DE TYPE SUBSTANCE
LACRYMOGENE, ADN CODANT LA
PROTEINE OU LE POLYPEPTIDE,
PROCEDE D'OBTENTION DE LADITE
PROTEINE OU DUDIT POLYPEPTIDE,
ET MOLECULE D'ACIDES
NUCLEIQUES INHIBANT LA
TRANSLATION DE L'ARN MESSAGER
CONCERNANT LA PROTEINE OU LE
PEPTIDE**
[72] KAMATA, TSUNEHIRO, JP
[72] MASAMURA, NORIYA, JP
[72] SHONO, HITOSHI, JP
[72] TSUGE, NOBUAKI, JP
[72] IMAI, SHINSUKE, JP
[71] HOUSE FOODS CORPORATION, JP
[85] 2004-08-31
[86] 2003-02-28 (PCT/JP2003/002396)
[87] 2003-09-12 (WO2003/074706)
[30] JP (2002-56523) 2002-03-01
[30] JP (2002-56558) 2002-03-01
[30] JP (2002-275799) 2002-09-20

[21] **2,478,015**
[13] A1
[51] Int.Cl. 7C12N 15/29 7A01H 1/00
7C12N 15/82 7C12N 9/90
[25] EN
[54] **DNA AND VECTOR FOR
REGULATING THE EXPRESSION OF
LACHRYMATOR SYNTHASE GENE,
METHOD OF REGULATING THE
EXPRESSION OF LACHRYMATOR
SYNTHASE GENE USING THE SAME,
AND PLANT WITH THE REGULATED
EXPRESSION OF LACHRYMATOR
SYNTHASE GENE**
[54] **ADN ET VECTEUR DE
REGULATION DE L'EXPRESSION DU
GENE DE SYNTHASE DU FACTEUR
LACRYMOGENE, PROCEDE DE
REGULATION DE L'EXPRESSION DU
GENE DE SYNTHASE DU FACTEUR
LACRYMOGENE AU MOYEN DE CET
ADN ET DE CE VECTEUR, ET PLANTE
AVEC EXPRESSION REGULEE DU
GENE DE SYNTHASE DU FACTEUR
LACRYMOGENE**
[72] TSUGE, NOBUAKI, JP
[72] IMAI, SHINSUKE, JP
[72] KAMATA, TSUNEHIRO, JP
[72] SHONO, HITOSHI, JP
[72] HORIE, KENTARO, JP
[72] MASAMURA, NORIYA, JP
[71] HOUSE FOODS CORPORATION, JP
[85] 2004-08-31
[86] 2003-02-28 (PCT/JP2003/002397)
[87] 2003-09-12 (WO2003/074707)
[30] JP (2002-56523) 2002-03-01
[30] JP (2002-56558) 2002-03-01
[30] JP (2002-275799) 2002-09-20

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[21] **2,478,022**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G06F 19/00**
[25] EN
[54] **MULTIVARIATE RANDOM SEARCH METHOD WITH MULTIPLE STARTS AND EARLY STOP FOR IDENTIFICATION OF DIFFERENTIALLY EXPRESSED GENES BASED ON MICROARRAY DATA**
[54] **PROCEDE DE RECHERCHE ALEATOIRE MULTIVARIEE A DEMARRAGES MULTIPLES ET A ARRET PREMATURE PERMETTANT D'IDENTIFIER DES GENES EXPRIMES DE MANIERE DIFFERENTIELLE EN FONCTION DE DONNEES DE MICRORESEAUX**
[72] JONES, DAVID, US
[72] SZABO, ANIKO, US
[72] CHILINGARIAN, ASHOT, AM
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2004-08-31
[86] 2003-02-28 (PCT/US2003/005730)
[87] 2003-09-12 (WO2003/074658)
[30] US (60/361,068) 2002-03-01

[21] **2,478,122**
[13] A1

[51] **Int.Cl. 7G01N 33/531 7C07H 19/02 7C07K 16/44 7G01N 33/53**
[25] FR
[54] **UTILISATION DE DERIVES DE NUCLEOSIDES COMPORTANT UN GROUPEMENT CITRATE POUR LA PRODUCTION D'ANTICORPS AYANT UNE AFFINITE POUR DES NUCLEOSIDES TRI-PHOSPHORYLEES**
[54] **USE OF NUCLOEOSIDE DERIVATIVES COMPRISING A CITRATE GROUP FOR PRODUCING ANTIBODIES HAVING AFFINITY FOR TRIPHOSPHORYLATED NUCLEOSIDES AND USES THEREOF**
[72] GUEDJ, ROGER, FR
[72] LE SAINT, CECILE, FR
[72] AKEB, FATIMA, FR
[72] VINCENT, JEAN-PIERRE, FR
[72] CUPO, ANNY, FR
[72] DUVAL, DANIELE, FR
[71] UNIVERSITE DE NICE-SOPHIA-ANTIPOLIS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2004-09-03
[86] 2003-03-05 (PCT/FR2003/000708)
[87] 2003-09-12 (WO2003/075009)
[30] FR (02/02782) 2002-03-05

[21] **2,478,125**
[13] A1

[51] **Int.Cl. 7C12N 5/06 7C12N 5/10**
[25] FR
[54] **LIGNEES DE CELLULES AVIAIRES UTILES POUR LA PRODUCTION DE SUBSTANCES D'INTERET**
[54] **AVIAN CELL LINES FOR THE PRODUCTION OF USEFUL SUBSTANCES**
[72] GUEHENNEUX, FABIENNE, FR
[72] PAIN, BERTRAND, FR
[71] VIVALIS, FR
[85] 2004-09-07
[86] 2003-03-07 (PCT/FR2003/000735)
[87] 2003-09-18 (WO2003/076601)
[30] FR (02/02945) 2002-03-08

[21] **2,478,346**
[13] A1

[51] **Int.Cl. 7C07K 16/42 7A61P 35/00 7C07K 16/30 7A61K 39/395**
[25] EN
[54] **SPECIFIC ABI'-ANTIBODIES AGAINST TUMOUR-ASSOCIATED ANTIGEN CA 125**
[54] **ANTICORPS ABI' SPECIFIQUES DIRIGES CONTRE L'ANTIGENE CA125 ASSOCIE AUX TUMEURS**
[72] WAGNER, UWE, DE
[72] SCHLEBUSCH, HARALD, DE
[71] CELLCONTROL BIOMEDICAL LABORATORIES AG, DE
[85] 2004-09-08
[86] 2003-03-07 (PCT/EP2003/002362)
[87] 2003-09-18 (WO2003/076473)
[30] DE (102 10 239.2) 2002-03-08

[21] **2,478,388**
[13] A1

[51] **Int.Cl. 7B29D 30/54 7B29C 33/00 7B60C 7/00**
[25] EN
[54] **PROCESS FOR RETREADING SOLID TIRES**
[54] **PROCEDE DE RECHAPAGE DE BANDAGES PLEINS**
[72] NOWOTARSKI, BRYAN, US
[71] NOWOTARSKI, BRYAN, US
[85] 2004-09-20
[86] 2003-03-18 (PCT/US2003/008008)
[87] 2003-10-09 (WO2003/082554)
[30] US (60/367,030) 2002-03-22
[30] US (10/387,741) 2003-03-13

[21] **2,478,396**
[13] A1

[51] **Int.Cl. 7B29D 22/00 7F16C 11/00 7B29D 23/00 7B32B 1/08 7B65D 81/26**
[25] EN
[54] **DESICCANT SYSTEM INCLUDING BOTTLE AND DESICCANT SHEET**
[54] **SYSTEME DE DESSICCATION COMPRENANT UNE BOUTEILLE ET UNE FEUILLE DESSICCATIVE**
[72] KOSLOW, EVAN E., US
[71] KOSLOW TECHNOLOGIES CORPORATION, US
[85] 2004-09-20
[86] 2003-02-14 (PCT/US2003/004597)
[87] 2003-10-09 (WO2003/082553)
[30] US (10/109,462) 2002-03-27

[21] **2,478,473**
[13] A1

[51] **Int.Cl. 7A61K 31/58 7A61P 29/00 7A61P 37/00**
[25] EN
[54] **ALDOSTERONE BLOCKER THERAPY TO PREVENT OR TREAT INFLAMMATION-RELATED DISORDERS**
[54] **THERAPIE ANTI-ALDOSTERONES PERMETTANT DE PREVENIR OU DE TRAITER DES TROUBLES ASSOCIES A UNE INFLAMMATION**
[72] ROCHA, RICARDO, US
[72] ZACK, MARC D., US
[71] PHARMACIA CORPORATION, US
[85] 2004-07-19
[86] 2003-01-24 (PCT/US2003/002208)
[87] 2004-09-02 (WO2004/073602)
[30] US (60/351,851) 2002-01-25

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[21] **2,478,479**
[13] A1

[51] **Int.Cl. 7C07H 21/00 7C12N 15/00 7C07H 21/04 7C12Q 1/68**
[25] EN
[54] **METHODS, COMPOSITIONS, AND KITS FOR ENHANCING OLIGONUCLEOTIDE-MEDIATED NUCLEIC ACID SEQUENCE ALTERATION USING COMPOSITIONS COMPRISING A HISTONE DEACETYLASE INHIBITOR, LAMBDA PHAGEBETA PROTEIN, OR HYDROXYUREA**
[54] **METHODES, COMPOSITIONS ET KITS VISANT A AMELIORER L'ALTERATION DE SEQUENCES D'ACIDES NUCLEIQUES A L'AIDE D'OLIGONUCLEOTIDES GRACE A DES COMPOSITIONS CONTENANT UN INHIBITEUR D'HISTONE DEACETYLASE, UNE BETA PROTEINE DU PHAGE LAMBDA, OU DE L'HYDROXYUREE**

[72] KMIEC, ERIC B., US
[72] BRACHMAN, ERIN E., US
[72] PAREKH-OLMEDO, HETAL, US
[71] UNIVERSITY OF DELAWARE, US
[85] 2004-09-01
[86] 2003-03-07 (PCT/US2003/007217)
[87] 2003-09-18 (WO2003/075856)
[30] US (60/363,341) 2002-03-07
[30] US (60/363,053) 2002-03-07
[30] US (60/363,054) 2002-03-07
[30] US (60/416,983) 2002-10-07

[21] **2,478,658**
[13] A1

[51] **Int.Cl. 7G01N 33/53 7C07K 16/18 7C07D 497/22 7G01N 33/577**
[25] EN
[54] **SANDWICH IMMUNOASSAY KITS FOR DETECTING CIGUATOXIN CTX3C**
[54] **KITS D'IMMUNO-ESSAI EN SANDWICH PERMETTANT DE DETECTER LA SHIGATOXINE CTX3C**
[72] FUJII, IKUO, JP
[72] OGURI, HIROKI, JP
[72] HIRAMA, MASAHIRO, JP
[72] TSUBURAYA, TAKESHI, JP
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
[85] 2004-09-08
[86] 2003-03-10 (PCT/JP2003/002782)
[87] 2003-09-18 (WO2003/076934)
[30] JP (2002-66754) 2002-03-12
[30] JP (2002-66755) 2002-03-12

[21] **2,478,700**
[13] A1

[51] **Int.Cl. 7A61K 31/727 7A61P 7/02 7G01N 33/48 7G01N 33/66**
[25] EN
[54] **ANALYSIS OF SULFATED POLYSACCHARIDES**
[54] **ANALYSE DE POLYSACCHARIDES SULFATES**
[72] QI, YI-WEI, US
[72] VENKATARAMAN, GANESH, US
[72] SASISEKHARAN, RAM, US
[72] SUNDARAM, MALIKARJUN, US
[72] SHRIVER, ZACHARY, US
[71] MOMENTA PHARMACEUTICALS, INC., US
[85] 2004-09-09
[86] 2003-03-11 (PCT/US2003/007208)
[87] 2003-09-25 (WO2003/078960)
[30] US (60/363,240) 2002-03-11
[30] US (60/383,903) 2002-05-28
[30] US (60/393,973) 2002-07-05

[21] **2,478,792**
[13] A1

[51] **Int.Cl. 7F21V 29/00**
[25] EN
[54] **LIGHT SOURCE ARRANGEMENT**
[54] **AGENCEMENT DE SOURCE LUMINEUSE**
[72] ZHANG, LONG BAO, US
[71] A.L. LIGHTTECH, INC., US
[85] 2004-09-20
[86] 2002-08-27 (PCT/US2002/027519)
[87] 2003-12-04 (WO2003/100318)
[30] US (10/150,739) 2002-05-17

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[13] A1

[51] **Int.Cl. 7C07D 489/04 7A61P 25/04 7A61K 31/135 7A61K 31/198 7A61K 31/4468 7A61K 31/4535 7A61K 31/454 7A61K 31/485**
[25] EN
[54] **METHODS AND COMPOSITIONS COMPRISING NITRIC OXIDE DONORS AND OPIOID ANALGESICS**
[54] **PROCEDES ET COMPOSITIONS CONTENANT DES DONNEURS D'OXYDE NITRIQUE ET DES ANALGESIQUES OPIOIDES**
[72] SMITH, MAREE THERESE, AU
[72] BROWN, LINDSAY, AU
[72] HARVEY, MARK BRADFORD PULLAR, AU
[72] WILLIAMS, CRAIG MCKENZIE, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2004-09-17
[86] 2003-03-20 (PCT/AU2003/000335)
[87] 2003-09-25 (WO2003/078437)
[30] US (60/366,594) 2002-03-20

[21] **2,479,118**
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[25] EN
[54] **MUTANTS OF THE P4 PROTEIN OF NONTYPABLE HAEMOPHILUS INFLUENZAE WITH REDUCED ENZYMATIC ACTIVITY**
[54] **MUTANTS DE LA PROTEINE P4 DE HAEMOPHILUS INFLUENZAE NON TYPABLE A ACTIVITE ENZYMATIQUE REDUITE**
[72] ZLOTNICK, GARY W., US
[72] SMITH, ARNOLD L., US
[72] REILLY, THOMAS J., US
[72] FLETCHER, LEAH D., US
[72] GREEN, BRUCE A., US
[71] WYETH HOLDINGS CORPORATION, US
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
[85] 2004-09-14
[86] 2003-03-13 (PCT/US2003/007895)
[87] 2003-09-25 (WO2003/078453)
[30] US (60/364,688) 2002-03-15

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[13] A1

[51] **Int.Cl. 7C01B 11/00**
[25] EN
[54] **DEVICE FOR GENERATING AQUEOUS CHLORINE DIOXIDE SOLUTIONS**
[54] **DISPOSITIF DE PRODUCTION DE SOLUTIONS AQUEUSES DE DIOXYDE DE CHLORE**
[72] KOERMER, GERALD S., US
[72] HRATKO, LINDA, US
[72] SPERONELLO, BARRY K., US
[71] THE ENGELHARD CORPORATION, US
[85] 2004-09-14
[86] 2003-03-14 (PCT/US2003/007828)
[87] 2003-10-02 (WO2003/080506)
[30] US (10/102,382) 2002-03-19

[21] **2,479,217**
[13] A1

[51] **Int.Cl. 7E04B 1/24**
[25] EN
[54] **BUILDING FRAME STRUCTURE**
[54] **STRUCTURE D'OSSATURE DE CONSTRUCTION**
[72] SIMMONS, ROBERT J., US
[71] SIMMONS, ROBERT J., US
[85] 2004-09-14
[86] 2002-03-18 (PCT/US2002/008465)
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[21] **2,479,218**
[13] A1

[51] **Int.Cl. 7A61K 31/70 7A61K 31/55**
[25] EN
[54] **SEROTONIN AND CATECHOLAMINE SYSTEM SEGMENT OPTIMIZATION TECHNOLOGY**
[54] **TECHNOLOGIE D'OPTIMISATION D'UN SEGMENT DE SYSTEME DE SEROTONINE ET CATECHOLAMINE**
[72] HINZ, MARTIN C., US
[71] HINZ, MARTIN C., US
[85] 2004-09-14
[86] 2003-03-21 (PCT/US2003/008843)
[87] 2003-10-02 (WO2003/079886)
[30] US (60/366,983) 2002-03-21

[21] **2,479,219**
[13] A1

[51] **Int.Cl. 7G07F 19/00**
[25] EN
[54] **TRANSACTION AUTHENTICATION**
[54] **AUTHENTICATION DE TRANSACTION**
[72] GIFFORD, MAURICE MERRICK, GB
[72] CHAPMAN, JAMES CHRISTOPHER TYDD, GB
[72] EDWARDS, NICHOLAS HECTOR, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-09-14
[86] 2003-03-18 (PCT/GB2003/001137)
[87] 2003-10-02 (WO2003/081548)
[30] EP (02252105.8) 2002-03-22

[21] **2,479,220**
[13] A1

[51] **Int.Cl. 7G08G 1/127 7G07C 5/08**
[25] EN
[54] **TELEMATIC PROGRAMMING LOGIC CONTROL UNIT AND METHODS OF USE**
[54] **UNITE DE COMMANDE DE LOGIQUE DE PROGRAMMATION TELEMATIQUE ET PROCEDES D'UTILISATION**
[72] JENKINS, RHESA, US
[72] BRADLEY, DAVID, US
[72] OLSEN, JOHN, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2004-09-14
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[87] 2003-10-02 (WO2003/081560)
[30] US (60/366,711) 2002-03-21

[21] **2,479,221**
[13] A1

[51] **Int.Cl. 7H01H 33/66**
[25] EN
[54] **GETTER DEVICE FOR VACUUM CIRCUIT BREAKER**
[54] **DISPOSITIF DE DEGAZAGE**
[72] LEUSENKAMP, MARTIN BERNARDUS JOHANNES, NL
[72] HILDERINK, JOHANNES HERMANNUS LAURENTIUS ANTON, NL
[71] EATON ELECTRIC N.V., NL
[85] 2004-09-14
[86] 2003-03-21 (PCT/NL2003/000215)
[87] 2003-10-02 (WO2003/081622)
[30] NL (1020223) 2002-03-21

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[13] A1

[51] **Int.Cl. 7A61K 31/40 7A61K 31/41**
[25] EN
[54] **USE OF SELECTIVE EP4 RECEPTOR AGONISTS FOR THE TREATMENT OF LIVER FAILURE, LOSS OF PATENCY OF THE DUCTUS ARTERIOSUS, GLAUCOMA OR OCULAR HYPERTENSION**
[54] **UTILISATION D'AGONISTES DU RECEPTEUR EP4 SELECTIF POUR LE TRAITEMENT DE L'INSUFFISANCE HEPATIQUE, DE LA PERTE DE LA PERMEABILITE DU CANAL ARTERIEL, DU GLAUCOME OU DE L'HYPERTENSION OCULAIRE**
[72] LEFKER, BRUCE ALLEN, US
[72] CAMERON, KIMBERLY O'KEEFE, US
[71] PFIZER PRODUCTS INC., US
[85] 2004-09-14
[86] 2003-03-06 (PCT/IB2003/000955)
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[30] US (60/365,654) 2002-03-18

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[51] **Int.Cl. 7G06K 9/64 7G06K 9/00 7G06T 7/00**
[25] EN
[54] **COMPARING PATTERNS**
[54] **COMPARAISON DE MOTIFS**
[72] STENTIFORD, FREDERICK WARWICK MICHAEL, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-09-14
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[87] 2003-10-02 (WO2003/081523)
[30] EP (02252097.7) 2002-03-22

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[13] A1
[51] **Int.Cl. 7H04J 3/16**
[25] EN
[54] **PROCEDURE FOR SORTING FLOWS IN A TRANSPORT NETWORK CARRYING CIRCUIT DATA FLOWS**
[54] **MARCHE A SUIVRE POUR TRIER DES FLUX DANS UN RESEAU DE TRANSPORT VEHICULANT DES FLUX DE DONNEES**
[72] ALLASIA, ANDREA, IT
[72] FERRARIS, GIUSEPPE, IT
[72] GIANCOLA, ANDREA, IT
[72] VACCARONE, GIANLUCA, IT
[71] TELECOM ITALIA S.P.A., IT
[85] 2004-09-14
[86] 2003-02-27 (PCT/EP2003/001983)
[87] 2003-09-25 (WO2003/079592)
[30] IT (TO2002A000226) 2002-03-15

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[13] A1
[51] **Int.Cl. 7G01S 13/84**
[25] EN
[54] **METHOD FOR DETERMINING THE DISTANCE BETWEEN A BASE STATION AND A MOBILE OBJECT, IN ADDITION TO A BASE STATION AND IDENTIFICATION SYSTEM FOR A METHOD OF THIS TYPE**
[54] **PROCEDE SERVANT A DETERMINER LA DISTANCE ENTRE UNE STATION DE BASE ET UN OBJET MOBILE, ET STATION DE BASE ET SYSTEME D'IDENTIFICATION CONCUS POUR CE PROCEDE**
[72] GILA, JANOS, AT
[72] RENNER, ALEXANDER, AT
[72] KONRAD, WOLFGANG, AT
[71] SIEMENS AKTIENGESSELLSCHAFT, DE
[85] 2004-09-14
[86] 2003-12-10 (PCT/EP2003/014014)
[87] 2004-07-15 (WO2004/059340)
[30] DE (102 61 098.3) 2002-12-20

[21] **2,479,226**
[13] A1
[51] **Int.Cl. 7H02G 15/04**
[25] EN
[54] **CABLE SEALING COVER INCLUDING STRESS RELIEF**
[54] **GAINÉ DE CABLE ETANCHE A POCHE DE DETENTE**
[72] HOPCUS, ERNEST A., US
[72] BRANNAN, DENNIS G., US
[72] CAMPBELL, JACQUELINE A., US
[72] GILDE, DONALD R., US
[72] EVONIUK, CHRISTOPHER J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-09-14
[86] 2003-03-04 (PCT/US2003/006594)
[87] 2003-10-09 (WO2003/084021)
[30] US (10/106,266) 2002-03-26

[21] **2,479,227**
[13] A1
[51] **Int.Cl. 7H04L 9/00**
[25] EN
[54] **END-TO-END PROTECTION OF MEDIA STREAM ENCRYPTION KEYS FOR VOICE-OVER-IP SYSTEMS**
[54] **PROTECTION DE BOUT-EN-BOUT DE CLES DE CRYPTAGE DE TRAINS DE DONNEES DE MEDIA POUR SYSTEMES POUR SYSTEMES A INTERFACE VOIX/IP**
[72] MEDVINSKY, ALEXANDER, US
[71] GENERAL INSTRUMENT CORPORATION, US
[85] 2004-09-14
[86] 2003-03-20 (PCT/US2003/009078)
[87] 2003-10-09 (WO2003/084123)
[30] US (60/367,082) 2002-03-22
[30] US (10/140,148) 2002-05-06

[21] **2,479,228**
[13] A1
[51] **Int.Cl. 7H04L 29/06 7G06F 1/00 7H04L 12/22**
[25] EN
[54] **NETWORK SECURITY SYSTEM**
[54] **SYSTEME DE SECURITE DE RESEAU**
[72] GHANEA-HERCOCK, ROBERT ALAN, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC COMPANY LIMITED, GB
[85] 2004-09-14
[86] 2003-03-21 (PCT/GB2003/001212)
[87] 2003-10-09 (WO2003/084168)
[30] EP (02252218.9) 2002-03-27
[30] GB (0300581.6) 2003-01-10

[21] **2,479,231**
[13] A1
[51] **Int.Cl. 7H04L 29/06 7H04N 7/24**
[25] EN
[54] **DATA STREAMING SYSTEM AND METHOD**
[54] **SYSTEME DE FLUX DE DONNEES ET PROCEDE CORRESPONDANT**
[72] NILSSON, MICHAEL ERLING, GB
[72] JEBB, TIMOTHY RALPH, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-09-14
[86] 2003-03-27 (PCT/GB2003/001358)
[87] 2003-10-09 (WO2003/084172)
[30] EP (02252224.7) 2002-03-27

[21] **2,479,281**
[13] A1
[51] **Int.Cl. 7C08F 297/02**
[25] EN
[54] **DIBLOCK COPOLYMER AND PRESSURE-SENSITIVE ADHESIVE COMPOSITIONS CONTAINING THE SAME**
[54] **COPOLYMERE A DEUX BLOCS ET COMPOSITIONS ADHESIVES AUTOCOLLANTES EN CONTENANT**
[72] SASAKI, SHIGERU, JP
[72] MORISHITA, YOSHIHIRO, JP
[72] HAMADA, KENICHI, JP
[71] KURARAY CO., LTD., JP
[85] 2004-09-15
[86] 2003-03-25 (PCT/JP2003/003590)
[87] 2003-10-02 (WO2003/080691)
[30] JP (2002-86270) 2002-03-26

[21] **2,479,287**
[13] A1
[51] **Int.Cl. 7C10G 45/00**
[25] EN
[54] **NEW HYDROCRACKING PROCESS FOR THE PRODUCTION OF HIGH QUALITY DISTILLATES FROM HEAVY GAS OILS**
[54] **NOUVEAU PROCEDE D'HYDROCRAQUAGE POUR LA PRODUCTION DE DISTILLATS DE HAUTE QUALITE A PARTIR DE GAZOLES LOURDS**
[72] CASH, DENNIS R., US
[72] MUKHERJEE, UJJAL K., US
[72] LOUIE, WAI, SEUNG W., US
[72] DAHLBERG, ARTHUR J., US
[71] CHEVRON U.S.A. INC., US
[85] 2004-09-15
[86] 2003-03-21 (PCT/US2003/008809)
[87] 2003-10-02 (WO2003/080769)
[30] US (10/104,185) 2002-03-21

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[13] A1
[51] **Int.Cl. 7C12N 5/02 7A61P 35/00**
7A61P 37/02 7A61P 31/04 7A61K 35/14
[25] EN
[54] **PROCESS FOR PRODUCING**
CYTOTOXIC LYMPHOCYTE
[54] **PROCEDE DE PRODUCTION DE**
LYMPHOCYTE CYTOTOXIQUE
[72] SAGAWA, HIROAKI, JP
[72] IDENO, MITSUKO, JP
[72] KATO, IKUNOSHIN, JP
[71] TAKARA BIO INC., JP
[85] 2004-09-15
[86] 2003-03-25 (PCT/JP2003/003575)
[87] 2003-10-02 (WO2003/080817)
[30] JP (2002-84414) 2002-03-25

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[13] A1
[51] **Int.Cl. 7D01F 2/00 7F24F 13/00**
7D01D 5/06 7D01D 5/088
[25] EN
[54] **METHOD AND DEVICE FOR**
REGULATING THE ATMOSPHERIC
CONDITIONS DURING A SPINNING
PROCESS
[54] **PROCEDE ET DISPOSITIF POUR**
REGULER LES CONDITIONS
ATMOSPHERIQUES QUI REGNENT
DANS UNE PIECE AU COURS D'UN
PROCESSUS DE FILAGE
[72] ECKER, FRIEDRICH, AT
[72] ZIKELI, STEFAN, AT
[71] ZIMMER AKTIENGESELLSCHAFT,
DE
[85] 2004-09-15
[86] 2003-03-10 (PCT/EP2003/002426)
[87] 2003-10-02 (WO2003/080906)
[30] DE (102 13 007.8) 2002-03-22

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[13] A1
[51] **Int.Cl. 7C07D 495/04 7A61P 35/00**
7C07D 513/04 7A61K 31/519
[25] EN
[54] **THIOPYRIMIDINE AND**
ISOTHIAZOLOPYRIMIDINE KINASE
INHIBITORS
[54] **INHIBITEURS DES**
THIOPYRIMIDINE ET
ISOTHIAZOLOPYRIMIDINE KINASES
[72] FREY, ROBIN R., US
[72] JI, ZHIQIN, US
[72] MICHAELIDES, MICHAEL R., US
[72] DAVIDSEN, STEVEN K., US
[72] GUO, YAN, US
[72] CURTIN, MICHAEL, US
[72] DAI, YUJIA, US
[71] ABBOTT LABORATORIES, US
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[86] 2003-03-20 (PCT/US2003/008647)
[87] 2003-10-02 (WO2003/080625)
[30] US (10/103,621) 2002-03-21
[30] US (10/378,481) 2003-03-03

[21] **2,479,364**
[13] A1
[51] **Int.Cl. 7C09D 5/44 7C25D 13/04**
[25] FR
[54] **PROCEDE DE FIXATION DE**
MACRO-OBJETS SUR UNE SURFACE
CONDUCTRICE OU SEMI-
CONDUCTRICE DE L'ELECTRICITE
PAR ELECTRO-GREFFAGE,
SURFACES OBTENUES ET
APPLICATIONS
[54] **METHOD OF FIXING MACRO-**
OBJECTS TO AN ELECTRICITY
CONDUCTING- OR SEMI-
CONDUCTING-SURFACE BY MEANS
OF ELECTROGRAFTING, SURFACES
THUS OBTAINED AND APPLICATIONS
THEREOF
[72] PALACIN, SERGE, FR
[72] BUREAU, CHRISTOPHE, FR
[72] GONZALEZ, JOSE, FR
[72] DENIAU, GUY, FR
[71] COMMISSARIAT A L'ENERGIE
ATOMIQUE, FR
[85] 2004-09-16
[86] 2003-03-19 (PCT/FR2003/000877)
[87] 2003-10-02 (WO2003/080748)
[30] FR (02/03796) 2002-03-26

[21] **2,479,366**
[13] A1
[51] **Int.Cl. 7B28D 1/04 7B25F 5/02**
[25] EN
[54] **MOVABLE MACHINES,**
INCLUDING PAVEMENT WORKING
APPARATUS AND METHODS OF
MAKING
[54] **MACHINES MOBILES, APPAREIL**
DE DALLAGE COMPRIS, ET
PROCEDES DE FABRICATION
[72] BARATTA, ANTHONY, US
[71] ELECTROLUX PROFESSIONAL
OUTDOOR PRODUCTS, INC., US
[85] 2004-09-16
[86] 2003-03-18 (PCT/US2003/008371)
[87] 2003-10-02 (WO2003/080304)
[30] US (10/101,473) 2002-03-18

[21] **2,479,367**
[13] A1
[51] **Int.Cl. 7B32B 31/00**
[25] EN
[54] **METHOD FOR PRODUCING A**
HYBRID LEAF SPRING
[54] **PROCEDE DE PRODUCTION D'UN**
RESSORT A LAMES HYBRIDE
[72] PILPEL, EDWARD, US
[72] GORDON, D. MICHAEL, US
[72] MEATTO, FRANK, US
[72] GORDON, DAVID C., JR., US
[71] PACIFIC COAST COMPOSITES, US
[85] 2004-09-16
[86] 2003-03-18 (PCT/US2003/008086)
[87] 2003-10-02 (WO2003/080338)
[30] US (10/102,100) 2002-03-19

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[13] A1
[51] **Int.Cl. 7A63B 53/02**
[25] EN
[54] **SLOTTED HOSEL FOR A GOLF**
CLUB HEAD
[54] **HOSEL A FENTES POUR UNE**
TETE DE CLUB DE GOLF
[72] BURROWS, BRUCE D., US
[71] BURROWS, BRUCE D., US
[85] 2004-09-16
[86] 2003-03-11 (PCT/US2003/007638)
[87] 2003-10-02 (WO2003/080191)
[30] US (60/365,216) 2002-03-18

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[21] **2,479,401**
[13] A1

[51] **Int.Cl. 7G09G 5/00**
[25] EN
[54] **METHODS AND SYSTEMS FOR DOWNLOADING AND VIEWING MAPS**
[54] **PROCEDES ET SYSTEMES DE TELECHARGEMENT ET DE VISUALISATION DE CARTES**
[72] ZHOU, JIANGYING, US
[72] PANDA PRASANJIT, US
[72] RADE, JOHAN, US
[72] CHUNG, DO HYUN, US
[72] JAWERTH, BJORN, US
[71] SUMMUS, INC., US
[85] 2004-09-15
[86] 2003-03-17 (PCT/US2003/008286)
[87] 2003-09-25 (WO2003/079162)
[30] US (60/364,870) 2002-03-15
[30] US (60/365,074) 2002-03-16

[21] **2,479,404**
[13] A1

[51] **Int.Cl. 7G06F 15/16 7G06F 15/00**
[25] EN
[54] **DATA REPLICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE REPRODUCTION DE DONNEES**
[72] CROCKER, STEVE, US
[72] KAY, JEFFREY, US
[71] SHINKURO, INC., US
[85] 2004-09-15
[86] 2003-03-17 (PCT/US2003/008036)
[87] 2003-09-25 (WO2003/079213)
[30] US (60/364,648) 2002-03-15
[30] US (60/382,659) 2002-05-22
[30] US (60/443,239) 2003-01-28

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[13] A1

[51] **Int.Cl. 7H04M 3/51**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING A MESSAGE-BASED COMMUNICATIONS INFRASTRUCTURE FOR AUTOMATED CALL CENTER OPERATION**
[54] **SYSTEME ET PROCEDE POUR L'ETABLISSEMENT D'UNE INFRASTRUCTURE DE COMMUNICATIONS A BASE DE MESSAGES DANS UN CENTRE D'APPELS AUTOMATIQUE**
[72] TOLHURST, WILLIAM, US
[72] SUTHERLAND, ALASTAIR, US
[72] ODINAK, GILAD, US
[71] INTELLISIST LLC, US
[85] 2004-09-15
[86] 2003-03-14 (PCT/US2003/007926)
[87] 2003-09-25 (WO2003/079656)
[30] US (60/364,555) 2002-03-15
[30] US (60/403,354) 2002-08-13
[30] US (10/367,533) 2003-02-14

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[13] A1

[51] **Int.Cl. 7C12N 15/11 7C12N 15/82**
[25] EN
[54] **CONSTRUCTS AND METHODS FOR THE REGULATION OF GENE EXPRESSION**
[54] **PRODUIT DE SYNTHESE ET PROCEDE DE REGULATION DE L'EXPRESSION GENIQUE**
[72] KOCK, MICHAEL, DE
[72] BAUER, JOERG, DE
[71] BASF PLANT SCIENCE GMBH, DE
[85] 2004-09-15
[86] 2003-03-17 (PCT/EP2003/002735)
[87] 2003-09-25 (WO2003/078629)
[30] DE (102 12 892.8) 2002-03-20

[21] **2,479,411**
[13] A1

[51] **Int.Cl. 7H04Q 9/00 7G08C 17/02**
[25] EN
[54] **A METHOD AND APPARATUS FOR WIRELESS REMOTE TELEMETRY USING AD-HOC NETWORKS**
[54] **PROCEDE ET APPAREIL DE TELEMESURE SANS FIL UTILISANT DES RESEAUX AD-HOC**
[72] SOLIMAN, SAMIR S., US
[71] QUALCOMM INCORPORATED, US
[85] 2004-09-15
[86] 2003-03-13 (PCT/US2003/007948)
[87] 2003-09-25 (WO2003/079717)
[30] US (10/099,128) 2002-03-15

[21] **2,479,471**
[13] A1

[51] **Int.Cl. 7F21V 7/09**
[25] EN
[54] **A LIGHTING FIXTURE INCLUDING TWO REFLECTORS**
[54] **ACCESSOIRE D'ECLAIRAGE COMPRENANT DEUX REFLECTEURS**
[72] HAINES, CHRISTOPHER ALAN, AU
[71] HAINES, CHRISTOPHER ALAN, AU
[85] 2004-09-20
[86] 2003-03-20 (PCT/AU2003/000327)
[87] 2003-09-25 (WO2003/078891)
[30] AU (PS 1193) 2002-03-20

[21] **2,479,481**
[13] A1

[51] **Int.Cl. 7C07D 307/86 7A61P 29/00 7A61P 37/00 7C07D 405/12 7C07D 409/12 7C07D 417/12 7A61K 31/343 7A61K 31/381 7A61K 31/427 7A61K 31/433 7A61K 31/443 7A61K 31/497 7A61K 31/501 7A61K 31/513**
[25] EN
[54] **THERAPEUTIC ION CHANNEL BLOCKING AGENTS AND METHODS OF USE THEREOF**
[54] **AGENTS THERAPEUTIQUES BLOQUANT LE CANAL IONIQUE ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] WULFF, HEIKE, US
[72] BAELL, JONATHAN B., AU
[72] HARVEY, ANDREW J., AU
[72] CHANDY, GEORGE K., US
[72] NORTON, RAYMOND S., AU
[71] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU
[85] 2004-09-20
[86] 2003-03-20 (PCT/AU2003/000351)
[87] 2003-09-25 (WO2003/078416)
[30] AU (PS 1272) 2002-03-20

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[13] A1

[51] **Int.Cl. 7G11B 20/10**
[25] EN
[54] **MULTI-LAYER FOCUSING METHOD AND APPARATUS THEREFOR**
[54] **PROCEDE DE CIBLAGE MULTICOUCHE ET DISPOSITIF CORRESPONDANT**
[72] HEO, JUNG-KWON, KR
[72] KO, JUNG-WAN, KR
[72] CHUNG, HYUN-KWON, KR
[72] JUNG, KIL-SOO, KR
[72] PARK, SUNG-WOOK, KR
[71] SAMSUNG ELECTRIC CO., LTD., KR
[85] 2004-09-15
[86] 2003-01-18 (PCT/KR2003/000116)
[87] 2003-09-25 (WO2003/079350)
[30] KR (10-2002-0014275) 2002-03-16

[21] **2,479,487**
[13] A1

[51] **Int.Cl. 7G11B 20/18**
[25] EN
[54] **INFORMATION RECORDING MEDIUM, RECORDING APPARATUS, REPRODUCTION APPARATUS, RECORDING METHOD AND REPRODUCTION METHOD ALLOWING FOR UPDATING OF A DEFECT LIST**
[54] **SUPPORT D'ENREGISTREMENT D'INFORMATION, APPAREIL D'ENREGISTREMENT, APPAREIL DE REPRODUCTION, PROCEDE D'ENREGISTREMENT ET PROCEDE DE REPRODUCTION PERMETTANT LA MISE A JOUR D'UNE LISTE DE DEFAUTS**
[72] TAKAHASHI, YOSHIHISA, JP
[72] ITO, MOTOSHI, JP
[72] UEDA, HIROSHI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2004-09-15
[86] 2003-02-27 (PCT/JP2003/002280)
[87] 2003-09-25 (WO2003/079353)
[30] JP (2002-079593) 2002-03-20

[21] **2,479,490**
[13] A1

[51] **Int.Cl. 7A61B 3/16**
[25] EN
[54] **A FORCE FEEDBACK TONOMETER**
[54] **TONOMETRE A RETOUR D'EFFORT**
[72] JAMES, DONALD E., CA
[72] BARKER, ANDREW J., CA
[72] CUZZANI, OSCAR, CA
[71] ERIC TECHNOLOGIES CORP., CA
[85] 2004-09-15
[86] 2003-03-28 (PCT/CA2003/000451)
[87] 2003-10-09 (WO2003/082086)
[30] US (60/367,767) 2002-03-28

[21] **2,479,493**
[13] A1

[51] **Int.Cl. 7A61B 3/16**
[25] EN
[54] **A NON-CONTACTING TONOMETER**
[54] **TONOMETRE SANS CONTACT**
[72] JAMES, DONALD E., CA
[72] BARKER, ANDREW J., CA
[72] CUZZANI, OSCAR, CA
[71] ERIC TECHNOLOGIES CORP., CA
[85] 2004-09-15
[86] 2003-03-28 (PCT/CA2003/000452)
[87] 2003-10-09 (WO2003/082087)
[30] US (60/367,766) 2002-03-28

[21] **2,479,495**
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61P 25/00 7A61P 35/00 7A61P 43/00 7C07D 403/04 7C07D 513/04 7C07D 241/38 7A61K 31/498 7A61K 31/542**
[25] EN
[54] **REMEDY FOR GLIOBLASTOMA**
[54] **MEDICAMENT CONTRE LE GLIOBLASTOME**
[72] ISHIUCHI, SHOGO, JP
[71] YAMANOUCHI PHARMACEUTICAL CO. LTD., JP
[85] 2004-09-15
[86] 2003-03-27 (PCT/JP2003/003867)
[87] 2003-10-09 (WO2003/082332)
[30] JP (2002-94313) 2002-03-29

[21] **2,479,500**
[13] A1

[51] **Int.Cl. 7A61B 5/046**
[25] EN
[54] **DETECTION OF CARDIAC ARRHYTHMIA USING MATHEMATICAL REPRESENTATION OF STANDARD .DELTA.RR PROBABILITY DENSITY HISTOGRAMS**
[54] **DETECTION D'ARYTHMIE CARDIAQUE PAR REPRESENTATION MATHEMATIQUE D'HISTOGRAMMES DE DENSITE DE PROBABILITE .DELTA.RR STANDARD**
[72] TATENO, KATSUMI, CA
[72] GLASS, LEON, CA
[71] MCGILL UNIVERSITY, CA
[85] 2004-09-17
[86] 2003-03-20 (PCT/CA2003/000390)
[87] 2003-09-25 (WO2003/077755)
[30] US (60/365,623) 2002-03-20

[21] **2,479,501**
[13] A1

[51] **Int.Cl. 7C12Q 1/42**
[25] EN
[54] **METHODS FOR SCREENING FOR A COMPOUND USEFUL IN THE TREATMENT OR PREVENTION OF LYMPHOCYTIC DISORDERS, FOR INHIBITING LYMPHOCYTE ACTIVITY AND PREVENTING OR TREATING LYMPHOCYTIC DISORDERS**
[54] **PROCEDES DE CRIBLAGE D'UN COMPOSE UTILE DANS LE TRAITEMENT OU LA PREVENTION DES TROUBLES LYMPHOCYTAIRES, POUR INHIBER L'ACTIVITE DES LYMPHOCYTES ET PREVENIR OU TRAITER LES TROUBLES LYMPHOCYTAIRES**
[72] BEAUDOIN, ADRIEN, CA
[72] BENREZZAK, OUHIDA, CA
[71] BIOFLASH INC., CA
[85] 2004-09-15
[86] 2003-04-22 (PCT/CA2003/000583)
[87] 2003-10-30 (WO2003/089664)
[30] CA (2,382,768) 2002-04-19

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[21] **2,479,503**
[13] A1

[51] **Int.Cl. 7C11D 3/12 7C11D 17/00 7C11D 3/06**
[25] EN
[54] **CLEANING FORMULATION AND METHOD OF CLEANING SURFACES**
[54] **FORMULATION DE NETTOYAGE ET PROCEDE DE NETTOYAGE DE SURFACES**
[72] OLIVER, MICHAEL D., CA
[71] TROJAN TECHNOLOGIES INC., CA
[85] 2004-09-20
[86] 2003-03-20 (PCT/CA2003/000394)
[87] 2003-09-25 (WO2003/078559)
[30] US (60/365,509) 2002-03-20

[21] **2,479,513**
[13] A1

[51] **Int.Cl. 7B66C 23/18 7B66C 23/46**
[25] EN
[54] **A HOISTING APPARATUS FOR USE AT A MANHOLE**
[54] **APPAREIL DE LEVAGE DESTINE A ETRE UTILISE SUR UN TROU D'HOMME**
[72] BOILY, JACQUES, CA
[71] ALUMILOC INC., CA
[85] 2004-09-20
[86] 2003-03-20 (PCT/CA2003/000413)
[87] 2003-09-25 (WO2003/078293)
[30] CA (2,377,409) 2002-03-20

[21] **2,479,548**
[13] A1

[51] **Int.Cl. 7E06B 9/58**
[25] FR
[54] **DISPOSITIF A VOLET PRESENTANT DES BORDS LATERAUX FLEXIBLES**
[54] **SHUTTER DEVICE WITH FLEXIBLE LATERAL EDGES**
[72] COENRAETS, BENOIT, BE
[71] DYNACO INTERNATIONAL, S.A., BE
[85] 2004-09-16
[86] 2003-03-17 (PCT/BE2003/000043)
[87] 2003-09-25 (WO2003/078783)
[30] BE (2002/0197) 2002-03-20

[21] **2,479,549**
[13] A1

[51] **Int.Cl. 7C07D 233/72 7A61P 13/12 7A61K 31/415**
[25] EN
[54] **NOVEL CRYSTAL FORM OF 5-HYDROXY-1-METHYLHYDANTOIN**
[54] **NOUVELLE FORME CRISTALLINE DE 5-HYDROXY-1-METHYLHYDANTOINE**
[72] OKAMOTO, KAORU, JP
[72] ISHII, AKIRA, JP
[72] NISHIMURA, NAOHARU, JP
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
[85] 2004-09-16
[86] 2003-04-09 (PCT/JP2003/004497)
[87] 2003-10-16 (WO2003/084934)
[30] JP (2002-107533) 2002-04-10

[21] **2,479,550**
[13] A1

[51] **Int.Cl. 7C09K 11/06 7H05B 33/14 7H01L 51/20 7H01L 51/30**
[25] EN
[54] **HOLE TRANSPORT POLYMERS AND DEVICES MADE WITH SUCH POLYMERS**
[54] **POLYMERES DE TRANSPORT DE TROUS ET DISPOSITIFS CONSTITUES DE TELS POLYMERES**
[72] YU, GANG, US
[72] JAYCOX, GARY DELMAR, US
[72] PERIYASAMY, MOOKKAN, US
[71] E.I. DU PONT DE NEMOURS, US
[85] 2004-09-16
[86] 2003-04-01 (PCT/US2003/009851)
[87] 2003-10-16 (WO2003/086026)
[30] US (60/369,663) 2002-04-02

[21] **2,479,552**
[13] A1

[51] **Int.Cl. 7A62B 18/04**
[25] EN
[54] **SAFETY FILTRATION APPAREL**
[54] **ARTICLES A FILTRATION DE SECURITE**
[72] HAAGA, JOHN R., US
[71] HAAGA, JOHN R., US
[85] 2004-09-16
[86] 2003-03-04 (PCT/US2003/006614)
[87] 2003-10-02 (WO2003/079833)
[30] US (60/365,402) 2002-03-18

[21] **2,479,555**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61K 31/35**
[25] EN
[54] **TREATMENT OF DISEASES INVOLVING DEFECTIVE GAP JUNCTIONAL COMMUNICATION**
[54] **TRAITEMENT DE MALADIES IMPLIQUANT LA COMMUNICATION DEFECTUEUSE DE LA JONCTION LACUNAIRE**
[72] SIES, HELMUT, DE
[71] MARS, INC., US
[85] 2004-09-16
[86] 2003-03-21 (PCT/US2003/008944)
[87] 2003-10-02 (WO2003/079998)
[30] US (60/366,363) 2002-03-21

[21] **2,479,557**
[13] A1

[51] **Int.Cl. 7A61K 7/00**
[25] EN
[54] **CATIONIC POLYMERS AND THE USE THEREOF IN COSMETIC FORMULATIONS**
[54] **POLYMERISATS CATIONIQUES ET LEUR UTILISATION DANS DES FORMULATIONS COSMETIQUES**
[72] ANGEL, MAXIMILIAN, DE
[72] WOOD, CLAUDIA, DE
[72] CHRISSTOFFELS, LYSANDER, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
[85] 2004-09-16
[86] 2003-03-13 (PCT/EP2003/002577)
[87] 2003-10-02 (WO2003/080001)
[30] DE (102 12 705.0) 2002-03-21
[30] DE (102 27 500.9) 2002-06-19

[21] **2,479,560**
[13] A1

[51] **Int.Cl. 7H05B 3/06**
[25] EN
[54] **IMPROVED THERMOSTAT ASSEMBLY FOR A HEATER**
[54] **ENSEMBLE THERMOSTAT AMELIORE DE RADIATEUR**
[72] DANKO, MICHAEL, US
[72] WALKER, IKE D., US
[72] SHERRILL, JAMES LEE, US
[71] TUTCO, INC., US
[85] 2004-09-16
[86] 2003-04-11 (PCT/US2003/011115)
[87] 2003-10-23 (WO2003/088714)
[30] US (10/120,509) 2002-04-12

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[21] **2,479,573**
[13] A1

[51] **Int.Cl. 7H04L 12/24**
[25] EN
[54] **POLICY BASED SYSTEM MANAGEMENT**
[54] **GESTION D'UN SYSTEME FONDEE SUR DES REGLES**
[72] FISHER, MICHAEL ANDREJA, GB
[72] MCKEE, PAUL FRANCIS, GB
[72] RANA, SOHAIL PARVES, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-09-16
[86] 2003-03-27 (PCT/GB2003/001331)
[87] 2003-10-09 (WO2003/084130)
[30] EP (02252227.0) 2002-03-27

[21] **2,479,574**
[13] A1

[51] **Int.Cl. 7H04L 12/24**
[25] EN
[54] **ALLOCATING CONNECTIONS IN A COMMUNICATION SYSTEM**
[54] **AFFECTATION DE CONNEXIONS DANS UN SYSTEME DE COMMUNICATION**
[72] MARTIN, JAMES BENEDICT, GB
[71] MARCONI UK INTELLECTUAL PROPERTY LIMITED, GB
[85] 2004-09-16
[86] 2003-03-28 (PCT/GB2003/001373)
[87] 2003-10-09 (WO2003/084131)
[30] GB (0207505.9) 2002-03-28

[21] **2,479,575**
[13] A1

[51] **Int.Cl. 7E01C 23/09**
[25] EN
[54] **POWER TAKE OFF ASSEMBLY, DRIVE ASSEMBLY AND SAW USING POWER TAKE OFF ASSEMBLY**
[54] **ENSEMBLE PRISE DE FORCE, ENSEMBLE D'ENTRAINEMENT ET SCIE UTILISANT CET ENSEMBLE PRISE DE FORCE**
[72] BARATTA, ANTHONY, US
[72] PETERSON, STAN, US
[72] CUEVAS, LUCIANO, US
[72] FARRIS, MATTHEW A., US
[71] ELECTROLUX PROFESSIONAL OUTDOOR PRODUCTS, INC., US
[85] 2004-09-16
[86] 2003-03-14 (PCT/US2003/007808)
[87] 2003-10-02 (WO2003/080379)
[30] US (10/100,502) 2002-03-18

[21] **2,479,576**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7A61K 39/00 7C12N 15/62**
[25] EN
[54] **ANTIBODY THAT BINDS TO A DIMER OF A PRION PROTEIN FOR THE TREATMENT OF TSE INFECTION**
[54] **TRAITEMENT DE L'INFECTION PAR L'ENCEPHALOPATHIE SPONGIFORME TRANSMISSIBLE**
[72] MURDOCH, HEATHER, GB
[72] SUTTON, JOHN MARK, GB
[72] RAVEN, NEIL DAVID HAMMOND, GB
[71] HEALTH PROTECTION AGENCY, GB
[85] 2004-09-16
[86] 2003-03-20 (PCT/GB2003/001295)
[87] 2003-10-02 (WO2003/080665)
[30] GB (0206584.5) 2002-03-20
[30] GB (0216098.4) 2002-07-11

[21] **2,479,577**
[13] A1

[51] **Int.Cl. 7H04L 29/12**
[25] EN
[54] **TUNNEL BROKER MANAGEMENT**
[54] **GESTION DE COURTIER EN TUNNELS**
[72] PREVOST, STUART MARK, GB
[72] VALLI, MOHAMMED, GB
[72] PETRIDIS, ARIS, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-09-16
[86] 2003-03-18 (PCT/GB2003/001138)
[87] 2003-10-09 (WO2003/084184)
[30] GB (0207231.2) 2002-03-27
[30] GB (0214399.8) 2002-06-21

[21] **2,479,581**
[13] A1

[51] **Int.Cl. 7H04L 29/12**
[25] EN
[54] **SYSTEM FOR SELECTING A CONNECTIVITY MECHANISM**
[54] **SYSTEME DE SELECTION D'UN MECANISME DE CONNECTIVITE**
[72] PATTERSON, JOHN, GB
[72] HOVELL, PETER, GB
[72] KING, JOHN ROBERT, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-09-16
[86] 2003-03-24 (PCT/GB2003/001256)
[87] 2003-10-09 (WO2003/084185)
[30] EP (02252222.1) 2002-03-27

[21] **2,479,582**
[13] A1

[51] **Int.Cl. 7C12N 5/00**
[25] EN
[54] **MUSCLE CELLS AND THEIR USE IN CARDIAC REPAIR**
[54] **CELLULES MUSCULAIRES ET LEUR UTILISATION DANS LA REPARATION CARDIAQUE**
[72] EDGE, ALBERT, US
[72] DINSMORE, JONATHAN, US
[71] GENVEC, INC., US
[85] 2004-09-16
[86] 2003-03-20 (PCT/US2003/008518)
[87] 2003-10-02 (WO2003/080798)
[30] US (10/105,035) 2002-03-21

[21] **2,479,585**
[13] A1

[51] **Int.Cl. 7H04N 7/24 7H04N 7/50**
[25] EN
[54] **DATA STRUCTURE FOR DATA STREAMING SYSTEM**
[54] **STRUCTURE DE DONNEES POUR SYSTEME DE TRANSMISSION EN CONTINU DE DONNEES**
[72] NILSSON, MICHAEL ERLING, GB
[72] JEBB, TIMOTHY RALPH, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-09-16
[86] 2003-03-14 (PCT/GB2003/001090)
[87] 2003-10-09 (WO2003/084233)
[30] EP (02252214.8) 2002-03-27

[21] **2,479,587**
[13] A1

[51] **Int.Cl. 7A01H 5/00 7A01H 5/10**
[25] EN
[54] **NUCLEIC ACID CONSTRUCTS AND METHODS FOR PRODUCING ALTERED SEED OIL COMPOSITIONS**
[54] **CONSTRUCTIONS D'ACIDES NUCLEIQUES ET PROCEDES DE PRODUCTION DE COMPOSITIONS D'HUILE DE GRAINES MODIFIEES**
[72] FILLATTI, JOANNE J., US
[72] BRINGE, NEAL A., US
[72] DEHESH, KATAYOON, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2004-09-16
[86] 2003-03-21 (PCT/US2003/008610)
[87] 2003-10-02 (WO2003/080802)
[30] US (60/365,794) 2002-03-21
[30] US (60/390,185) 2002-06-21

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[21] **2,479,590**
[13] A1

[51] **Int.Cl. 7B07B 1/46 7B01D 33/03**
[25] EN
[54] **VIBRATORY SEPARATOR**
[54] **SEPARATEUR VIBRANT**
[72] BURNETT, GEORGE ALEXANDER, GB
[72] SEYFFERT, KENNETH WAYNE, US
[72] MCCLUNG, GUY LAMONT, III, US
[71] VARCO I/P, INC., US
[85] 2004-09-16
[86] 2003-09-04 (PCT/GB2003/003838)
[87] 2004-04-29 (WO2004/035233)
[30] GB (0224155.2) 2002-10-17
[30] US (10/429,264) 2003-05-02

[21] **2,479,604**
[13] A1

[51] **Int.Cl. 7F03D 1/06 7B29C 70/06 7F03D 3/06**
[25] EN
[54] **TRANSITION ZONE IN WIND TURBINE BLADE**
[54] **ZONE TRANSITIONNELLE DANS UNE PALE D'EOLIENNE**
[72] GRABAU, PETER, DK
[72] ANDERSEN, LARS FUGLSANG, DK
[71] LM GLASFIBER A/S, DK
[85] 2004-09-17
[86] 2003-03-19 (PCT/DK2003/000184)
[87] 2003-09-25 (WO2003/078832)
[30] DK (PA 2002 00425) 2002-03-19

[21] **2,479,619**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/22**
[25] EN
[54] **CERTIFICATE INFORMATION STORAGE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE STOCKAGE D'INFORMATIONS DE CERTIFICAT**
[72] LITTLE, HERBERT A., CA
[72] KIRKUP, MICHAEL G., CA
[72] ADAMS, NEIL P., CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2004-09-17
[86] 2003-03-20 (PCT/CA2003/000406)
[87] 2003-09-25 (WO2003/079628)
[30] US (60/365,516) 2002-03-20

[21] **2,479,592**
[13] A1

[51] **Int.Cl. 7B32B 3/00**
[25] EN
[54] **HYBRID LEAF SPRING WITH REINFORCED BOND LINES**
[54] **RESSORT A LAMES HYBRIDE AVEC LIGNES DE LIAISON RENFORCEES**
[72] GORDON, D. MICHAEL, US
[72] PILPEL, EDWARD, US
[72] GORDON, DAVID C., JR., US
[72] MEATTO, FRANK, US
[71] PACIFIC COAST COMPOSITES, US
[85] 2004-09-16
[86] 2003-03-18 (PCT/US2003/008087)
[87] 2003-10-02 (WO2003/081076)
[30] US (10/102,101) 2002-03-19

[21] **2,479,605**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 9/32**
[25] EN
[54] **SYSTEM AND METHOD FOR CHECKING DIGITAL CERTIFICATE STATUS**
[54] **SYSTEME ET PROCEDE DE VERIFICATION DE L'ETAT DE CERTIFICATS NUMERIQUES**
[72] JANHUNEN, STEFAN E., CA
[72] LITTLE, HERBERT A., CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2004-09-17
[86] 2003-03-20 (PCT/CA2003/000403)
[87] 2003-09-20 (WO2003/079626)
[30] US (60/365,518) 2002-03-20

[21] **2,479,626**
[13] A1

[51] **Int.Cl. 7H04L 29/08 7H04L 29/12 7G06F 17/30**
[25] EN
[54] **MOBILE ACCESS TO LIGHTWEIGHT DIRECTORY ACCESS PROTOCOL (LDAP) SERVER**
[54] **ACCES MOBILE A UN SERVEUR DE PROTOCOLE D'ACCES A DES REPERTOIRES LEGERS (LDAP)**
[72] LITTLE, HERBERT A., CA
[72] HOBBS, DALE JAMES, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2004-09-17
[86] 2003-03-20 (PCT/CA2003/000407)
[87] 2003-09-25 (WO2003/079639)
[30] US (60/365,519) 2002-03-20

[21] **2,479,598**
[13] A1

[51] **Int.Cl. 7B05B 1/00 7F26B 21/00 7F27D 7/04 7C21D 1/767**
[25] EN
[54] **DEVICE FOR HOMOGENEOUS IMPINGEMENT OF A PLANAR SURFACE OF A TOOL WITH A HEATED GAS**
[54] **DISPOSITIF POUR EXPOSER DE FACON HOMOGENE UNE SURFACE PLANE D'UNE PIECE A UN GAZ CHAUD**
[72] MENZLER, DIRK, DE
[71] OTTO JUNKER GMBH, DE
[85] 2004-09-20
[86] 2003-02-14 (PCT/DE2003/000454)
[87] 2003-09-25 (WO2003/078072)
[30] DE (102 12 234.2) 2002-03-19

[21] **2,479,608**
[13] A1

[51] **Int.Cl. 7F03D 1/06 7B29C 70/06 7F03D 3/06**
[25] EN
[54] **WIND TURBINE BLADE WITH CARBON FIBRE TIP**
[54] **PALE D'EOLIENNE A BOUT EN FIBRES DE CARBONE**
[72] GRABAU, PETER, DK
[72] ANDERSEN, LARS FUGLSANG, DK
[71] LM GLASFIBER A/S, DK
[85] 2004-09-17
[86] 2003-03-19 (PCT/DK2003/000185)
[87] 2003-09-25 (WO2003/078833)
[30] DK (PA 2002 00424) 2002-03-19

[21] **2,479,644**
[13] A1

[51] **Int.Cl. 7C07D 471/14 7C07D 221/00 7C07D 235/00 7C07D 239/00 7A61P 11/00 7A61P 25/00 7A61P 29/00 7C07D 487/14 7A61K 31/519**
[25] EN
[54] **IMIDAZO FUSED COMPOUNDS**
[54] **COMPOSES IMIDAZO-FUSIONNES**
[72] SJOGREN, ERIC BRIAN, US
[72] LUI, ALFRED SUI-TING, US
[72] GOLDSTEIN, DAVID MICHAEL, US
[72] HAWLEY, RONALD CHARLES, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2004-09-16
[86] 2003-03-27 (PCT/EP2003/003178)
[87] 2003-10-09 (WO2003/082871)
[30] US (60/369,929) 2002-04-03

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[21] **2,479,647**
[13] A1

[51] **Int.Cl. 7C12N 9/64**
[25] EN
[54] **HUMAN DEUBIQUITINATING PROTEASE GENE ON CHROMOSOME 7 AND ITS MURINE ORTHOLOG**
[54] **GENE HUMAIN DE LA PROTEASE DE DESUBIQUITINATION POSITIONNEE SUR LE CHROMOSOME 7 ET SON ORTHOLOGUE MURIN**
[72] LIU, HONG, US
[72] HAHN, CHANG, US
[71] AVENTIS PHARMACEUTICALS INC., US
[85] 2004-09-16
[86] 2003-03-21 (PCT/US2003/008590)
[87] 2003-10-09 (WO2003/083050)
[30] US (60/366,601) 2002-03-22
[30] GB (0218518.9) 2002-08-09

[21] **2,479,648**
[13] A1

[51] **Int.Cl. 7F25D 23/02**
[25] EN
[54] **DOOR APPARATUS FOR DRAWER TYPE REFRIGERATOR**
[54] **SYSTEME DE PORTE POUR REFRIGERATEUR DE TYPE A TIROIRS**
[72] KIM, SEON-KYU, KR
[72] SEOK, KUN-JUN, KR
[72] KIM, YOUNG-NAM, KR
[72] YU, SEON-IL, KR
[72] LEE, JEE-SUCK, KR
[72] KIM, JU-HWAN, KR
[71] LG ELECTRONICS INC., KR
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[54] **POLICY BASED SYSTEM MANAGEMENT**
[54] **GESTION D'UN SYSTEME FONDEE SUR DES REGLES**
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[72] MCKEE, PAUL FRANCIS, GB
[72] RANA, SOHAIL P., GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
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[54] **CRYSTALLINE MICRONISATE OF TIOTROPIUM BROMIDE**
[54] **MICRONISAT CRISTALLIN DE BROMURE DE TIOTROPIUM**
[72] SCHINDLER, KONRAD, DE
[72] TRUNK, MICHAEL JOSEF FRIEDRICH, DE
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[72] BENDER, HELMUT, DE
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[54] **METHOD AND APPARATUS FOR MAKING FLAT BOTTOM BAGS**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE SACS A FOND PLAT**
[72] TUCKER, STEVEN KENNETH, US
[72] KOHL, GARRETT WILLIAM, US
[72] KNOERZER, ANTHONY ROBERT, US
[71] FRITO-LAY NORTH AMERICA, INC., US
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[25] EN
[54] **DOPED GROUP III-V NITRIDE MATERIALS, AND MICROELECTRONIC DEVICES AND DEVICE PRECURSOR STRUCTURES COMPRISING SAME**
[54] **MATERIAUX DOPES AUX NITRURES DES GROUPES III-V ET DISPOSITIFS MICROELECTRONIQUES AINSI QUE STRUCTURES DE PRECURSEURS DE DISPOSITIFS LES COMPRENANT**
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[72] FLYNN, JEFFREY S., US
[71] CREE, INC., US
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[54] **HELICAL CONVEYOR CENTRIFUGE**
[54] **CENTRIFUGEUSE A VIS SANS FIN**
[72] HAIDER, GUENTER, DE
[72] GILLENBERTEN, FRANK, DE
[72] WAGENBAUER, ROBERT, DE
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[25] EN
[54] **CHOLINE-SILICIC ACID COMPLEX WITH OSMOLYTES AND DIVALENT TRACE ELEMENTS**
[54] **COMPLEXE D'ACIDE CHOLINE-SILICIQUE CONTENANT DES OSMOLYTES AINSI QUE DES ELEMENTS DIVALENTS A L'ETAT DE TRACES**
[72] VANDEN BERGHE, DIRK ANDRE RICHARD, BE
[71] BIO MINERALS N.V., BE
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[25] EN
[54] **FUEL CELL POWER GENERATION SYSTEM AND METHOD FOR OPERATING THE SAME**
[54] **SYSTEME DE GENERATION ELECTRIQUE A PILE A COMBUSTIBLE ET PROCEDE DE FONCTIONNEMENT DE CE SYSTEME**
[72] WATANABE, SATORU, JP
[72] NOJIMA, SHIGERU, JP
[72] OMOTO, SETSUO, JP
[72] KONDO, MASAMI, JP
[72] FUJIKAWA, KEIJI, JP
[72] YOSHIDA, HIROHISA, JP
[72] YASUTAKE, TOSHINOBU, JP
[72] ISHIBASHI, NAHIKO, JP
[72] YONEMURA, MASANAO, JP
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[54] **TUBE FOR MEDICAL APPLICATIONS AND CIRCUIT INCORPORATING SUCH TUBE**
[54] **TUBE DESTINE A DES APPLICATIONS MEDICALES ET CIRCUIT CONTENANT CE TUBE**
[72] MALAGOLI, MARCELLO, IT
[72] DELNEVO, ANNALISA, IT
[72] GOEHL, HERMANN, DE
[72] HANNA, MARTIN, DE
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[54] **NANOPARTICULATE COMPOSITIONS OF ANGIOGENESIS INHIBITORS**
[54] **COMPOSITIONS NANOPARTICULAIRES D'INHIBITEURS D'ANGIOGENESE**
[72] PRUITT, JOHN, US
[72] CARY, GRETA G., US
[72] JAIN, RAJEEV, US
[72] WALTERS, AMY, US
[72] RYDE, TUULA, US
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[72] MERISKO-LIVERSIDGE, ELAINE, US
[71] ELAN PHARMA INTERNATIONAL LIMITED, IE
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[54] **(+)-2--1-(3-ETHOXY-4-METHOXYPHENYL)-2-METHYLSULFONYLETHYL]-4-ACETYLAMINOISOINDOLINE-1,3-DIONE: LEURS PROCEDES D'UTILISATION ET LEURS COMPOSITIONS**
[72] MAN, HON-WAH, US
[72] GE, CHUANSHENG, US
[72] MULLER, GEORGE W., US
[72] SCHAFFER, PETER H., US
[71] CELGENE CORPORATION, US
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[54] **PROCEDE DE CHAUFFAGE POUR CONTRACTION DE TISSU**
[72] LEVY, STANLEY JR., US
[72] DIETZ, TIMOTHY G., US
[71] SURX, INC., US
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[87] 2003-10-02 (WO2003/079931)
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[25] EN
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[54] **PUCE POURVUE D'UN SYSTEME
MICROCHIMIQUE ET SYSTEME
MICROCHIMIQUE**
[72] YAMAGUCHI, JUN, JP
[72] TOKESHI, MANABU, JP
[72] HATTORI, AKIHIKO, JP
[72] KITAMORI, TAKEHIKO, JP
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[54] **ANALGESICS FOR NASAL
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[54] **ANALGESIQUES**
[72] WATTS, PETER JAMES, GB
[72] CASTILE, JONATHAN DAVID, GB
[72] BIRCH, PHILLIP JOHN, GB
[72] HAYES, ANN GAIL, GB
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[51] **Int.Cl. 7G01N 33/574 7C12P 21/02
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[25] EN
[54] **NOVEL COMPOSITIONS AND
METHODS IN CANCER ASSOCIATED
WITH ALTERED EXPRESSION OF
MCM3AP**
[54] **NOUVELLES COMPOSITIONS ET
PROCEDES UTILISES DANS LE
TRAITEMENT DU CANCER ET
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[25] EN
[54] **NOVEL COMPOSITIONS AND
METHODS IN CANCER ASSOCIATED
WITH ALTERED EXPRESSION OF
PRLR**
[54] **COMPOSITIONS ET PROCEDES
UTILISABLES, POUR LE CANCER, EN
ASSOCIATION AVEC UNE
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[71] SAGRES DISCOVERY, US
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[25] EN
[54] **COMBINATION OF AN
ALDOSTERONE RECEPTOR
ANTAGONIST AND A FIBRIC ACID
DERIVATIVE**
[54] **COMBINAISON D'UN
ANTAGONISTE DE RECEPTEUR
D'ALDOSTERONE ET DE DERIVE
D'ACIDE FIBRIQUE**
[72] KELLER, BRADLEY T., US
[72] MCMAHON, ELLEN G., US
[71] PHARMACIA CORPORATION, US
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[13] A1
[51] **Int.Cl. 7F16K 5/20**
[25] EN
[54] **FLUID FLOW CONTROL VALVE
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[54] **ROBINET DE REGLAGE A
SECTIONNEMENT BIDIRECTIONNEL**
[72] BELL, BRANDON WAYNE, US
[72] DVORAK, SARAH LYNN, US
[72] KOESTER, DAVID JOHN, US
[72] BOVEE, LOREN LEE, US
[72] MAHNCKE, LYNN DEAN, US
[72] WITT, GARY ALAN, US
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[30] US (10/101,139) 2002-03-19

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[13] A1
[51] **Int.Cl. 7B65D 19/38**
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[54] **DISPOSABLE/RECYCLABLE
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[54] **PALETTE JETABLE/
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[72] LUCAS, PHILIP J., US
[72] MAYER, LEO W., US
[71] COORS BREWING COMPANY, US
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[25] EN
[54] **NOVEL COMPOSITIONS AND METHODS IN CANCER ASSOCIATED WITH ALTERED EXPRESSION OF KCNJ9**
[54] **NOUVELLES COMPOSITIONS ET METHODES DESTINEES AU TRAITEMENT DES CANCERS ASSOCIES A L'EXPRESSION MODIFIEE DE KCNJ9**
[72] MORRIS, DAVID W., US
[71] SAGRES DISCOVERY, US
[85] 2004-09-17
[86] 2003-03-12 (PCT/US2003/007469)
[87] 2003-10-02 (WO2003/080639)
[30] US (10/105,871) 2002-03-20

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[25] EN
[54] **NOVEL COMPOSITIONS AND METHODS IN CANCER ASSOCIATED WITH ALTERED EXPRESSION OF TBX21**
[54] **NOUVELLES COMPOSITIONS ET METHODES DE TRAITEMENT D'UN CANCER ASSOCIEES A L'EXPRESSION ALTEREE DE TBX21**
[72] MORRIS, DAVID W., US
[71] SAGRES DISCOVERY, US
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[87] 2003-10-02 (WO2003/080853)
[30] US (10/105,613) 2002-03-20

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[51] **Int.Cl. 7A61K 9/00 7A61K 31/473**
[25] EN
[54] **NANOPARTICULATE COMPOSITIONS OF MAP KINASE INHIBITORS**
[54] **COMPOSITIONS NANOPARTICULAIRES D'INHIBITEURS DE LA PROTEINE KINASE ACTIVEE PAR DES MITOGENES (MAP)**
[72] BOSCH, WILLIAM H., US
[72] HOVEY, DOUGLAS C., US
[72] CARY, GRETA G., US
[72] OSTRANDER, KEVIN D., US
[72] JAIN, RAJEEV A., US
[72] MERISKO-LIVERSIDGE, ELAINE, US
[72] KLINE, LAURA J., US
[71] ELAN PHARMA INTERNATIONAL LIMITED, IE
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[87] 2003-10-02 (WO2003/080024)
[30] US (60/365,524) 2002-03-20

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[13] A1

[51] **Int.Cl. 7B67D 1/08**
[25] EN
[54] **ASSEMBLY OF A KEG WITH A NECK AND A CONNECTING DEVICE**
[54] **ENSEMBLE COMPORTANT UN BARILLET A PRISE, UNE COLLERETTE, UN DISPOSITIF DE CONNEXION, ET ELEMENTS UTILISES**
[72] BAX, BART JAN, NL
[72] VAN DER KLAUW, GUIDO PETRUS JOHANNES, NL
[71] HEINEKEN TECHNICAL SERVICES B.V., NL
[85] 2004-09-17
[86] 2003-03-19 (PCT/NL2003/000205)
[87] 2003-09-25 (WO2003/078297)
[30] NL (1020202) 2002-03-19

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[13] A1

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[54] **REMOVABLE FIREHOSE HOLDER**
[54] **PORTE-LANCE D'INCENDIE DEPOSABLE**
[72] NORDLUND, MARK, STEPHEN, US
[71] NORDLUND, MARK, STEPHEN, US
[85] 2004-09-22
[86] 2002-03-26 (PCT/US2002/009383)
[87] 2002-10-03 (WO2002/076553)
[30] US (09/817,660) 2001-03-26

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[13] A1

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[25] EN
[54] **MINIATURE VAPORIZERS FOR USE WITH CHEMICAL CONVERTERS AND ENERGY DEVICES**
[54] **VAPORISATEURS MINIATURES A UTILISER AVEC DES CONVERTISSEURS CHIMIQUES ET DES SYSTEMES D'ENERGIE**
[72] HSU, MICHAEL S., US
[71] ZTEK CORPORATION, US
[85] 2004-09-20
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[30] US (10/095,843) 2002-03-11

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[13] A1

[51] **Int.Cl. 7H04L 9/00 7G06F 15/16 7G06F 15/173 7G06F 11/30**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOTE DIGITAL KEY GENERATION**
[54] **PROCEDE ET APPAREIL DESTINES A LA GENERATION A DISTANCE D'UNE CLE NUMERIQUE**
[72] SHORT, KEVIN, US
[71] CHAOTICOM, INC., US
[85] 2004-09-17
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[87] 2003-10-02 (WO2003/081829)
[30] US (10/099,812) 2002-03-18

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[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 9/00**
[25] EN
[54] **FAST DISSOLVING DOSAGE FORMS HAVING REDUCED FRIABILITY**
[54] **FORMES POSOLOGIQUES A DISSOLUTION RAPIDE PRESENTANT UNE FRIABILITE REDUITE**
[72] PRUSS, KARL, US
[72] RUDDY, STEPHEN, US
[72] WENDEL, SUSAN, US
[71] ELAN PHARMA INTERNATIONAL LIMITED, IE
[85] 2004-09-17
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[13] A1

[51] **Int.Cl. 7A61B 17/70**
[25] EN
[54] **PERCUTANEOUS TECHNIQUE AND IMPLANT FOR EXPANDING THE SPINAL CANAL**
[54] **TECHNIQUE PAR VOIE PERCUTANEE ET IMPLANT DESTINE A DILATER LE CANAL VERTEBRAL**
[72] ANDERSON, GREG D., US
[71] DEPUY ACROMED, INC., US
[85] 2004-09-17
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[30] US (10/102,525) 2002-03-19

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[13] A1

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[25] EN
[54] **MULTILUMEN CATHETERS AND METHODS FOR THEIR USE**
[54] **CATHETERS MULTILUMIERES ET PROCEDES D'UTILISATION**
[72] CONSTANTZ, BRENT R., US
[71] CORAZON TECHNOLOGIES, INC., US
[85] 2004-09-17
[86] 2003-03-18 (PCT/US2003/008706)
[87] 2003-10-02 (WO2003/080151)
[30] US (10/101,544) 2002-03-18

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[13] A1

[51] **Int.Cl. 7G05F 1/40**
[25] EN
[54] **MULTI-PHASE BUCK CONVERTER**
[54] **CONVERTISSEUR ABAISSEUR DE TENSION MULTIPHASE**
[72] CLAVETTE, DAN, US
[72] CROWTHER, MARK, US
[72] SCHUELLEIN, GEORGE, US
[71] INTERNATIONAL RECTIFIER CORPORATION, US
[85] 2004-09-17
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[87] 2003-10-09 (WO2003/083596)
[30] US (60/366,889) 2002-03-22
[30] US (10/392,121) 2003-03-18

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[13] A1

[51] **Int.Cl. 7B65D 71/12**
[25] EN
[54] **BASKET CARRIER FOR BOTTLES AND BLANK THEREFOR**
[54] **PORTE-BOUEILLES ET DECOUPE A CET EFFET**
[72] BAKX, MARTINUS C. M., NL
[71] MEADWESTVACO PACKAGING SYSTEMS LLC, US
[85] 2004-09-17
[86] 2003-03-20 (PCT/US2003/008495)
[87] 2003-10-02 (WO2003/080451)
[30] GB (0206565.4) 2002-03-20

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[13] A1

[51] **Int.Cl. 7G06F 15/16**
[25] EN
[54] **METHOD AND SYSTEM FOR ENTERPRISE BUSINESS PROCESS MANAGEMENT**
[54] **PROCEDE ET SYSTEME DE GESTION DE PROCESSUS COMMERCIAL D'ENTREPRISE**
[72] WALSH, JEREMY M., US
[72] WALSH, JOHN G., US
[71] DATA QUALITY SOLUTIONS, INC., US
[85] 2004-09-17
[86] 2003-03-25 (PCT/US2003/009143)
[87] 2003-10-09 (WO2003/083690)
[30] US (60/366,547) 2002-03-25

[21] **2,479,758**
[13] A1

[51] **Int.Cl. 7G10L 11/02 7G10L 21/02 7H04R 1/40 7H04R 1/46**
[25] EN
[54] **MICROPHONE AND VOICE ACTIVITY DETECTION (VAD) CONFIGURATIONS FOR USE WITH COMMUNICATION SYSTEMS**
[54] **CONFIGURATIONS POUR DETECTION DE MICROPHONE ET D'ACTIVITE VOCALE (VAD) S'UTILISANT AVEC DES SYSTEMES DE COMMUNICATION**
[72] EINUADI, ANDREW E., US
[72] ASSEILY, ALEXANDER M., US
[72] PETIT, NICOLAS J., US
[72] BURNETT, GREGORY C., US
[71] ALIPHCOM, US
[85] 2004-09-17
[86] 2003-03-27 (PCT/US2003/009280)
[87] 2003-10-09 (WO2003/083828)
[30] US (60/368,209) 2002-03-27

[21] **2,479,760**
[13] A1

[51] **Int.Cl. 7C03B 37/027**
[25] EN
[54] **METHOD OF DRAWING MICROSTRUCTURED GLASS OPTICAL FIBRES FROM A PREFORM**
[54] **PROCEDE D'ETIRAGE DE FIBRES OPTIQUES DE VERRE MICROSTRUCTUREES A PARTIR D'UNE PREFORME**
[72] MANGAN, BRIAN JOSEPH, GB
[72] KNIGHT, JONATHAN CAVE, GB
[72] KILBRIDE, IAN PATRICK, GB
[72] RUSSELL, PHILIP ST. JOHN, GB
[72] BIRKS, TIMOTHY ADAM, GB
[71] CRYSTAL FIBRE A/S, DK
[85] 2004-09-17
[86] 2003-03-20 (PCT/GB2003/001298)
[87] 2003-10-02 (WO2003/080524)
[30] GB (0206573.8) 2002-03-20
[30] GB (0209001.7) 2002-04-19

[21] **2,479,764**
[13] A1

[51] **Int.Cl. 7A61K 31/40 7A61P 35/00 7C07K 5/027 7C07K 5/033 7A61K 38/05 7A61K 38/06 7C07K 5/065 7C07K 5/078 7C07D 207/08 7C07K 5/087 7C07D 207/16 7C07D 295/185**
[25] EN
[54] **HEMIASTERLIN DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE L'HEMIASTERLINE ET LEURS UTILISATIONS**
[72] SPYVEE, MARK, US
[72] SELETSKY, BORIS M., US
[72] YANG, HU, US
[72] KOWALCZYK, JAMES J., US
[72] SCHILLER, SHAWN, US
[72] KUZNETSOV, GALINA, US
[71] EISAI CO., LTD., JP
[85] 2004-09-17
[86] 2003-03-21 (PCT/US2003/008888)
[87] 2003-10-09 (WO2003/082268)
[30] US (60/366,592) 2002-03-22

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[21] **2,479,765**
[13] A1

[51] **Int.Cl. 7A61B 17/072**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING A REINFORCED SURGICAL STAPLE LINE**
[54] **APPAREIL ET PROCEDE POUR FORMER UNE RANGEE D'AGRAFES CHIRURGICALES RENFORCEES**
[72] PATEL, UMESH H., US
[72] MCALEXANDER, CHAD S., US
[72] ZUBIK, JOSEPH W., US
[71] COOK BIOTECH, INCORPORATED, US
[85] 2004-09-17
[86] 2003-04-15 (PCT/US2003/011643)
[87] 2003-10-30 (WO2003/088844)
[30] US (60/372,532) 2002-04-15

[21] **2,479,766**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7C07D 239/00 7C07D 249/00 7C07C 255/57 7C07C 323/62 7A01N 43/90**
[25] EN
[54] **FUNGICIDAL TRIAZOLOPYRIMIDINES, METHODS FOR PRODUCING THE SAME, USE THEREOF FOR COMBATING HARMFUL FUNGI AND AGENTS CONTAINING SAID SUBSTANCES**
[54] **TRIAZOLOPYRIMIDINES FONGICIDES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR LUTTER CONTRE DES CHAMPIGNONS NUISIBLES, ET AGENTS LES CONTENANT**
[72] BLETNER, CARSTEN, DE
[72] SCHWOEGLER, ANJA, DE
[72] GROTE, THOMAS, DE
[72] SCHOEFL, ULRICH, DE
[72] TORMO I BLASCO, JORDI, DE
[72] AMMERMANN, EBERHARD, DE
[72] GEWEHR, MARKUS, DE
[72] SCHIEWECK, FRANK, DE
[72] MUELLER, BERND, DE
[72] RHEINHEIMER, JOACHIM, DE
[72] SCHAEFER, PETER, DE
[72] STRATHMANN, SIEGFRIED, DE
[72] LORENZ, GISELA, DE
[72] GYPSEY, ANDREAS, DE
[72] GRAMMENOS, WASSILIOS, DE
[72] STIERL, REINHARD, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-09-17
[86] 2003-03-19 (PCT/EP2003/002847)
[87] 2003-10-02 (WO2003/080615)
[30] DE (102 12 739.5) 2002-03-21
[30] DE (102 15 814.2) 2002-04-10
[30] DE (102 58 050.2) 2002-12-11

[21] **2,479,767**
[13] A1

[51] **Int.Cl. 7A62C 35/08 7A62C 37/08**
[25] EN
[54] **VALVE ELEMENT**
[54] **ELEMENT DE SOUPAPE**
[72] SUNDHOLM, GOERAN, FI
[71] MARIOFF CORPORATION OY, FI
[85] 2004-09-17
[86] 2003-04-10 (PCT/FI2003/000269)
[87] 2003-10-30 (WO2003/089065)
[30] FI (20020758) 2002-04-19

[21] **2,479,772**
[13] A1

[51] **Int.Cl. 7C09D 157/04 7C09D 5/02 7C08F 216/14**
[25] EN
[54] **CROSS-LINKABLE DISPERSION RESIN BINDING AGENTS CONTAINING ALLYL ETHER MONOMERS**
[54] **LIANTS RESINEUX EN DISPERSION RETICULABLES CONTENANT UN MONOMERE D'ETHER ALLYLIQUE**
[72] MELCHORS, MARTIN, DE
[72] GERTZMANN, ROLF, DE
[72] HACKBARTH, SANDRA, DE
[72] PIRES, RAUL, DE
[71] BAYER MATERIALSCIENCE AG, DE
[85] 2004-09-17
[86] 2003-03-10 (PCT/EP2003/002403)
[87] 2003-10-02 (WO2003/080751)
[30] DE (102 12 545.7) 2002-03-21

[21] **2,479,773**
[13] A1

[51] **Int.Cl. 7C11B 3/14 7C11B 3/00**
[25] EN
[54] **METHODS FOR TREATING DEODORIZER DISTILLATE**
[54] **PROCEDES DE TRAITEMENT DE DISTILLAT DESODORISANT**
[72] COPELAND, DICK, US
[72] BELCHER, W. MAURICE, US
[71] IP HOLDINGS, L.L.C., US
[85] 2004-09-17
[86] 2003-03-18 (PCT/US2003/008463)
[87] 2003-10-02 (WO2003/080778)
[30] US (10/100,443) 2002-03-18

[21] **2,479,774**
[13] A1

[51] **Int.Cl. 7C22C 19/05**
[25] EN
[54] **NI-BASE DIRECTIONALLY SOLIDIFIED SUPERALLOY AND NI-BASE SINGLE CRYSTAL SUPERALLOY**
[54] **SUPERALLIAGE A BASE DE NI SOLIDIFIE DE MANIERE DIRECTIONNELLE ET SUPERALLIAGE A CRISTAL UNIQUE A BASE DE NI**
[72] KOIZUMI, YUTAKA, JP
[72] KOBAYASHI, TOSHIHARU, JP
[72] HARADA, HIROSHI, JP
[72] YOKOKAWA, TADAHARU, JP
[72] MASAKI, SHOUJU, JP
[72] AOKI, YASUHIRO, JP
[71] NATIONAL INSTITUTE FOR MATERIALS SCIENCE, JP
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP
[85] 2004-09-17
[86] 2003-03-27 (PCT/JP2003/003885)
[87] 2003-10-02 (WO2003/080882)
[30] JP (2002-090018) 2002-03-27

[21] **2,479,775**
[13] A1

[51] **Int.Cl. 7E04H 9/12**
[25] EN
[54] **BARRIER-PROTECTED CONTAINER**
[54] **CONTENEUR BLINDE**
[72] BONDE, HANS SOEREN, DK
[72] KELTER-WESEBERG, NIELS, DK
[72] LANGE-KORNBACH, DAN, DK
[72] NIELSEN, LARS, DK
[71] COMPOSIELD A/S, DK
[85] 2004-09-17
[86] 2003-03-18 (PCT/EP2003/002828)
[87] 2003-10-02 (WO2003/080966)
[30] GB (0207254.4) 2002-03-27

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[13] A1

[51] **Int.Cl. 7A61F 2/01 7A61F 2/06**
[25] EN
[54] **ENDOLUMINAL DEVICES, EMBOLIC FILTERS, METHODS OF MANUFACTURE AND USE**
[54] **DISPOSITIFS ENDOLUMINAUX, FILTRES EMBOLIQUES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] VONESH, MICHAEL J., US
[72] CULLY, EDWARD H., US
[71] GORE ENTERPRISE HOLDINGS, INC., US
[85] 2004-09-17
[86] 2003-03-13 (PCT/US2003/007780)
[87] 2003-10-16 (WO2003/084437)
[30] US (10/113,724) 2002-04-01

[21] **2,479,777**
[13] A1

[51] **Int.Cl. 7C07D 413/14**
[25] EN
[54] **6-(4-SUBSTITUTED-ANILINO)PYRIMIDINE DERIVATIVES, METHOD FOR THE PREPARATION THEREOF AND ANTIVIRAL PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **DERIVES DE 6-(ANILINO-4-SUBSTITUE)PYRIMIDINE, PROCEDE DE PREPARATION DE CES DERIVES ET COMPOSITION PHARMACEUTIQUE ANTIVIRALE LES CONTENANT**
[72] LEE, SANG-WOOK, KR
[72] SHIN, JOONG-CHUL, KR
[72] HAN, JAE-JIN, KR
[72] KIM, JONG-WOO, KR
[72] PARK, EUL-YONG, KR
[72] LEE, GEUN-HYUNG, KR
[72] PARK, SANG-JIN, KR
[71] B & C BIOPHARM, KR
[85] 2004-09-17
[86] 2003-03-25 (PCT/KR2003/000588)
[87] 2003-10-16 (WO2003/084953)
[30] KR (10-2002-0018395) 2002-04-04

[21] **2,479,778**
[13] A1

[51] **Int.Cl. 7E21B 10/56**
[25] EN
[54] **PERCUSSION DRILL BIT AND A BUTTON THEREFOR**
[54] **OUTIL DE FORAGE A PERCUSSION ET BOUTON CORRESPONDANT**
[72] BJOERK, FREDRIK, SE
[71] SANDVIK AB, SE
[85] 2004-09-17
[86] 2003-03-26 (PCT/SE2003/000494)
[87] 2003-10-16 (WO2003/085231)
[30] SE (0201034-6) 2002-04-04

[21] **2,479,779**
[13] A1

[51] **Int.Cl. 7C10G 53/04 7C10G 9/32**
[25] EN
[54] **IMPROVED RESIDUUM CONVERSION PROCESS**
[54] **PROCEDE DE CONVERSION DE RESIDUS AMELIORE**
[72] SISKIN, MICHAEL, US
[72] JACOBON, MITCHELL, US
[72] GORBATY, MARTIN LEO, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2004-09-17
[86] 2003-03-21 (PCT/US2003/008586)
[87] 2003-10-16 (WO2003/085069)
[30] US (60/369,138) 2002-04-01
[30] US (10/368,186) 2003-02-18

[21] **2,479,781**
[13] A1

[51] **Int.Cl. 7A61L 15/58 7A61L 24/04 7A61K 7/48**
[25] EN
[54] **HYDROGEL ADHESIVES FOR USE ON HAIR OR FIBER-POPULATED SURFACES**
[54] **ADHESIFS A BASE D'HYDROGEL POUR UTILISATION SUR DES CHEVEUX OU SUR DES SURFACES GARNIES DE FIBRES**
[72] CINELLI, FABIO, IT
[72] GOLDMAN, STEPHEN ALLEN, IT
[72] COLES, PETER, DE
[72] ROMANO, MARIO, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-09-17
[86] 2003-03-27 (PCT/US2003/009342)
[87] 2003-10-16 (WO2003/084580)
[30] EP (02447052.8) 2002-03-29

[21] **2,479,783**
[13] A1

[51] **Int.Cl. 7A61N 5/06 7G01D 18/00**
[25] EN
[54] **METHODS AND SYSTEMS FOR LASER CALIBRATION AND EYE TRACKER CAMERA ALIGNMENT**
[54] **PROCEDES ET SYSTEMES D'ETALONNAGE LASER ET D'ALIGNEMENT DE CAMERA DE SUIVI OCULAIRE**
[72] SOMANI, SEEMA, US
[72] SHIMMICK, JOHN K., US
[72] YEE, KINGMAN, US
[71] VISX, INC., US
[85] 2004-09-17
[86] 2003-04-22 (PCT/US2003/012630)
[87] 2003-11-06 (WO2003/090867)
[30] US (10/131,622) 2002-04-23

[21] **2,479,784**
[13] A1

[51] **Int.Cl. 7E21B 19/16**
[25] EN
[54] **BOOM TYPE POWER TONG POSITIONER**
[54] **CLE A COMMANDE HYDROPNEUMATIQUE DU TYPE FLECHE**
[72] ROGERS, TOMMIE LOUIS, US
[71] ROGERS, TOMMIE LOUIS, US
[85] 2004-09-17
[86] 2003-03-19 (PCT/US2003/008626)
[87] 2003-10-02 (WO2003/080986)
[30] US (10/103,056) 2002-03-20

[21] **2,479,786**
[13] A1

[51] **Int.Cl. 7C07D 215/40 7A61P 25/00 7C07D 487/04 7C07D 487/08 7A61K 31/47**
[25] EN
[54] **QUINOLINE DERIVATIVES AND THEIR USE AS 5-HT6 LIGANDS**
[54] **COMPOSES**
[72] WITTY, DAVID, GB
[72] MACDONALD, GREGOR JAMES, GB
[72] THOMPSON, MERVYN, GB
[72] AHMED, MAHMOOD, GB
[72] JONES, MARTIN C., GB
[72] WADE, CHARLES EDWARD, GB
[72] MOSS, STEPHEN FREDERICK, GB
[72] JOHNSON, CHRISTOPHER NORBERT, GB
[71] GLAXO GROUP LIMITED, GB
[85] 2004-09-17
[86] 2003-03-25 (PCT/EP2003/003197)
[87] 2003-10-02 (WO2003/080580)
[30] GB (0207289.0) 2002-03-27
[30] GB (0225678.2) 2002-11-04

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[21] **2,479,788**
[13] A1

[51] **Int.Cl. 7G07F 1/04 7G07D 3/14**
[25] EN
[54] **COIN DISTRIBUTOR**
[54] **DISPOSITIF D'AIGUILLAGE DE**
PIECES DE MONNAIE
[72] GRIESE, ROLAND, DE
[71] WALTER HANKE MECHANISCHE
WERKSTAETTEN GMBH & CO., KG, DE
[85] 2004-09-17
[86] 2003-03-18 (PCT/EP2003/002806)
[87] 2003-10-09 (WO2003/083790)
[30] DE (102 15 467.8) 2002-03-28

[21] **2,479,789**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/22**
[25] EN
[54] **METHOD AND APPARATUS FOR**
NETWORK SECURITY
[54] **PROCEDE ET DISPOSITIF DE**
SECURITE RESEAU
[72] SAFFRE, FABRICE TRISTAN
PIERRE, GB
[71] BRITISH TELECOMMUNICATIONS
PUBLIC LIMITED COMPANY, GB
[85] 2004-09-17
[86] 2003-03-25 (PCT/GB2003/001274)
[87] 2003-10-09 (WO2003/084170)
[30] GB (0207400.3) 2002-03-28
[30] EP (02252767.5) 2002-04-19

[21] **2,479,790**
[13] A1

[51] **Int.Cl. 7H01M 4/48 7H01M 4/58**
[25] EN
[54] **BATTERIES COMPRISING**
ALKALI-TRANSITION METAL
PHOSPHATES AND PREFERRED
ELECTROLYTES
[54] **BATTERIES COMPRENANT DES**
PHOSPHATE ALCALINS DE METAL
DE TRANSITION ET ELECTROLYTES
PREFERES
[72] PUGH, JAMES, US
[72] SAIDI, M. YAZID, US
[72] HUANG, HAITAO, US
[71] VALENCE TECHNOLOGY, INC., US
[85] 2004-09-17
[86] 2003-03-27 (PCT/US2003/009634)
[87] 2003-10-16 (WO2003/085757)
[30] US (10/116,276) 2002-04-03

[21] **2,479,791**
[13] A1

[51] **Int.Cl. 7A01N 43/653 7A01N 35/04**
7A01N 35/06 7A01N 33/18 7A01N 47/18
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7A01N 43/42 7A01N 37/46 7A01N 43/50
7A01N 37/52 7A01N 43/78
[25] EN
[54] **FUNGICIDAL MIXTURES**
[54] **MELANGES FONGICIDES**
[72] STRATHMANN, SIEGFRIED, DE
[72] SCHOEFL, ULRICH, DE
[72] CHRISTEN, THOMAS, DE
[72] LORENZ, GISELA, DE
[72] SCHELBERGER, KLAUS, DE
[72] AMMERMANN, EBERHARD, DE
[72] STIERL, REINHARD, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-09-17
[86] 2003-03-19 (PCT/EP2003/002845)
[87] 2003-11-06 (WO2003/090538)
[30] DE (102 12 704) 2002-03-21

[21] **2,479,792**
[13] A1

[51] **Int.Cl. 7G06F 15/173**
[25] EN
[54] **DETECTING AN UNAUTHORIZED**
STATION IN A WIRELESS LOCAL
AREA NETWORK
[54] **DETECTION D'UNE STATION**
NON AUTORISEE DANS UN RESEAU
LOCAL SANS FIL
[72] KUAN, CHIA-CHEE, US
[72] AU, DEAN, US
[72] WU, MILES, US
[71] AIRMAGNET, INC., US
[85] 2004-09-17
[86] 2003-03-28 (PCT/US2003/009682)
[87] 2003-10-16 (WO2003/085544)
[30] US (10/116,473) 2002-04-04

[21] **2,479,793**
[13] A1

[51] **Int.Cl. 7D06P 1/613 7B29D 11/00**
7D06P 3/00 7D06P 1/90
[25] EN
[54] **A PROCESS FOR MAKING DYED**
ARTICLES
[54] **PROCEDE DE PRODUCTION**
D'ARTICLES TEINTS
[72] ARCHEY, RICK L., US
[72] PYLES, ROBERT A., US
[71] BAYER POLYMERS LLC, US
[85] 2004-09-17
[86] 2003-03-21 (PCT/US2003/008811)
[87] 2003-10-09 (WO2003/083207)
[30] US (10/106,788) 2002-03-26

[21] **2,479,794**
[13] A1

[51] **Int.Cl. 7C25D 5/48 7C25D 17/00**
7C25F 7/00 7C25D 7/12 7C25F 3/30
[25] EN
[54] **ELECTROPOLISHING AND/OR**
ELECTROPLATING APPARATUS AND
METHODS
[54] **APPAREIL ET PROCEDES DE**
POLISSAGE ET/OU DE PLACAGE
ELECTROLYTIQUES
[72] CHOKSHI, HIMANSHU J., US
[72] YIH, PEIHAUR, US
[72] CHANG, RU KAO, US
[72] AFNAN, MUHAMMED, US
[72] KOEHLER, DAMON L., US
[72] HO, FREDERICK, US
[72] NUCH, VOHA, US
[72] GUTMAN, FELIX, US
[72] VAN KERKWKYK, MARK JACOBUS,
US
[72] WANG, HUI, US
[72] NGUYEN, MY HOANG, US
[71] ACM RESEARCH, INC., US
[85] 2004-09-17
[86] 2003-04-08 (PCT/US2003/010725)
[87] 2003-10-23 (WO2003/087436)
[30] US (60/370,929) 2002-04-08
[30] US (60/370,956) 2002-04-08
[30] US (60/370,955) 2002-04-08
[30] US (60/370,919) 2002-04-08
[30] US (60/372,542) 2002-04-14
[30] US (60/372,567) 2002-04-14
[30] US (60/372,566) 2002-04-14
[30] US (60/390,460) 2002-06-21

[21] **2,479,795**
[13] A1

[51] **Int.Cl. 7H04Q 7/00**
[25] EN
[54] **DETERMINING THE STATE OF A**
STATION IN A LOCAL AREA
NETWORK
[54] **DETERMINATION DE L'ETAT**
D'UNE STATION DANS UN RESEAU
LOCAL
[72] WU, MILES, US
[72] AU, DEAN, US
[72] KUAN, CHIA-CHEE, US
[71] AIRMAGNET, INC., US
[85] 2004-09-17
[86] 2003-04-03 (PCT/US2003/010626)
[87] 2003-10-23 (WO2003/088687)
[30] US (60/370,996) 2002-04-08

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[21] **2,479,796**
[13] A1

[51] **Int.Cl. 7A22C 17/02 7A22C 21/00 7B26D 7/01**
[25] EN
[54] **A METHOD AND DEVICE FOR CUTTING OBJECTS INTO FIXED PORTIONS**
[54] **PROCEDE ET DISPOSITIF DE DECOUPE D'OBJETS EN PORTIONS DEFINIES**
[72] SVERRISSON, RAGNAR, IS
[72] HALLVARDSSON, KRISTJAN, IS
[71] MAREL HF, IS
[85] 2004-09-20
[86] 2003-03-21 (PCT/IS2003/000014)
[87] 2003-10-02 (WO2003/079801)
[30] IS (6321) 2002-03-21

[21] **2,479,797**
[13] A1

[51] **Int.Cl. 7A23G 9/02 7A23G 9/00**
[25] EN
[54] **FAT BASED GANACHE COATING FOR THE SURFACE OF PACKAGED FROZEN PRODUCTS**
[54] **ENROBAGE DE GANACHE A BASE DE MATIERE GRASSE POUR LA SURFACE DE PRODUITS CONGELES EMBALLES**
[72] BENSON, RICHARD W., US
[72] HELFERICH, JOHN D., US
[72] SARAN, LAURA, US
[71] MARS, INC., US
[85] 2004-09-20
[86] 2003-03-18 (PCT/US2003/008003)
[87] 2003-10-02 (WO2003/079804)
[30] US (60/365,751) 2002-03-18
[30] US (10/175,384) 2002-06-18

[21] **2,479,798**
[13] A1

[51] **Int.Cl. 7A44C 25/00**
[25] EN
[54] **DECORATIVE, DIAMOND-CUT JEWELRY SURFACE**
[54] **SURFACE DE BIJOU DECORATIVE EN TAILLE DIAMANT**
[72] SELIKTAR, RONEN, US
[71] SELECT JEWELRY, INC., US
[85] 2004-09-20
[86] 2002-10-16 (PCT/US2002/033211)
[87] 2003-10-02 (WO2003/079842)
[30] US (10/104,141) 2002-03-21
[30] US (10/156,609) 2002-05-24

[21] **2,479,799**
[13] A1

[51] **Int.Cl. 7A46D 1/00**
[25] EN
[54] **BRISTLES, METHOD AND DEVICE FOR PRODUCTION THEREOF AND BRUSHES**
[54] **SOIE, PROCEDE ET DISPOSITIF DE PRODUCTION DE CETTE DERNIERE ET ARTICLE EN SOIES**
[72] WEIHRAUCH, GEORG, DE
[71] CORONET-WERKE GMBH, DE
[85] 2004-09-20
[86] 2003-03-18 (PCT/EP2003/002795)
[87] 2003-10-02 (WO2003/079849)
[30] DE (102 12 701.8) 2002-03-21

[21] **2,479,801**
[13] A1

[51] **Int.Cl. 7A61B 5/00 7A61B 5/05 7A61B 5/083**
[25] EN
[54] **A METHOD AND APPARATUS FOR QUANTIFYING CALORIC BALANCE USING METABOLIC PARAMETERS TO ASSIST SUBJECTS ON WEIGHT MANAGEMENT**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE QUANTIFIER LE BILAN ENERGETIQUE AU MOYEN DE PARAMETRES METABOLIQUES AFIN D'ASSISTER LES SUJETS DANS LA GESTION DE LEUR POIDS**
[72] MOERMAN, PIET, BE
[71] MOERMAN, PIET, BE
[85] 2004-09-20
[86] 2003-03-26 (PCT/IB2003/001652)
[87] 2003-10-02 (WO2003/079890)
[30] US (60/367,808) 2002-03-26

[21] **2,479,802**
[13] A1

[51] **Int.Cl. 7A61F 2/44**
[25] EN
[54] **VERTEBRAL BODY AND DISC SPACE REPLACEMENT DEVICES**
[54] **DISPOSITIFS DE REMPLACEMENT DES VERTEBRES ET DES DISQUES INTERVERTEBRAUX**
[72] SMITHEY, JEFFREY S., US
[72] BERRY, BRET M., US
[72] LANGE, ERIC C., US
[72] MOORE, JEFFREY D., US
[72] SCIFERT, JEFFREY L., US
[72] DREWRY, TROY D., US
[72] FREY, GEORGE, US
[72] DERIDDER, STEVEN D., US
[72] WHITE, JOHN L., US
[71] SDGI HOLDINGS, INC., US
[85] 2004-09-20
[86] 2003-03-21 (PCT/US2003/008692)
[87] 2003-10-02 (WO2003/079939)
[30] US (10/103,237) 2002-03-21

[21] **2,479,805**
[13] A1

[51] **Int.Cl. 7A61F 11/00**
[25] EN
[54] **REMOVABLE ANCHORED LUNG VOLUME REDUCTION DEVICES AND METHODS**
[54] **DISPOSITIFS DE REDUCTION DU VOLUME PULMONAIRE ANCRÉS ET DETACHABLES ET PROCEDES ASSOCIES**
[72] CORCORAN, DEAN T., US
[72] DEVORE, LAURI J., US
[72] YI, SEUNG, US
[72] ALFERNESS, CLIFTON A., US
[72] DILLARD, DAVID H., US
[72] GONZALEZ, HUGO X., US
[72] PARK, MIA, US
[72] RIMBAUGH, JENNI, US
[71] SPIRATION, INC., US
[85] 2004-09-20
[86] 2003-02-26 (PCT/US2003/005968)
[87] 2003-10-02 (WO2003/079944)
[30] US (10/103,487) 2002-03-20
[30] US (10/150,547) 2002-05-17

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[21] **2,479,806**
[13] A1

[51] **Int.Cl. 7A01K 1/00 7A22B 1/00**
[25] EN
[54] **DEVICE AND METHOD FOR DRIVING ANIMALS IN AN OBLONG CORRIDOR SECTION**
[54] **DISPOSITIF ET PROCEDE POUR CONDUIRE DES ANIMAUX DANS UNE PARTIE COULOIR OBLONGUE**
[72] KILDEGAARD, JACOB, DK
[71] BUTINA APS, DK
[85] 2004-09-20
[86] 2003-03-26 (PCT/DK2003/000202)
[87] 2003-10-02 (WO2003/079770)
[30] DK (PA 2002 00466) 2002-03-27

[21] **2,479,809**
[13] A1

[51] **Int.Cl. 7B01J 27/26 7C08G 65/30**
[25] EN
[54] **METHOD FOR PREPARING METAL CYANIDE CATALYST COMPLEXES USING PARTIALLY MISCIBLE COMPLEXING AGENTS**
[54] **PROCEDES DE PREPARATION DE COMPLEXES CATALYSEURS AU CYANURE POUR METAUX AU MOYEN D'AGENTS COMPLEXANTS PARTIELLEMENT MISCIBLES**
[72] WEHMEYER, RICHARD M., US
[71] DOW GLOBAL TECHNOLOGIES INC., US
[85] 2004-09-20
[86] 2003-03-17 (PCT/US2003/007999)
[87] 2003-10-02 (WO2003/080241)
[30] US (60/366,758) 2002-03-21

[21] **2,479,811**
[13] A1

[51] **Int.Cl. 7B05B 7/20 7C23C 24/04 7C23C 4/12 7B05B 7/22**
[25] EN
[54] **NOZZLE FOR THERMAL SPRAY OF LOW OXIDE CONTENT COATINGS**
[54] **TUYERE POUR PULVERISATION THERMIQUE D'ENDUITS A FAIBLE TENEUR EN OXYDE**
[72] DOLATABADI, ALI, CA
[72] MOSTAGHIMI, JAVAD, CA
[72] PERSHIN, VALERIAN, CA
[71] DOLATABADI, ALI, CA
[71] MOSTAGHIMI, JAVAD, CA
[71] PERSHIN, VALERIAN, CA
[85] 2004-09-20
[86] 2003-03-14 (PCT/CA2003/000368)
[87] 2003-10-02 (WO2003/080255)
[30] US (10/103,138) 2002-03-22

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[13] A1

[51] **Int.Cl. 7B29C 37/00 7B29C 43/18**
[25] EN
[54] **METHOD FOR COATING FIBER-REINFORCED PLASTIC STRUCTURAL PARTS AND STRUCTURAL PART SO PRODUCED**
[54] **PROCEDE DE LAQUAGE DE PIECES EN PLASTIQUES RENFORCES PAR FIBRES ET PIECE AINSI OBTENUE**
[72] KUEHFUSZ, RUDOLF, DE
[72] HOERSTING, KARLHEINZ, DE
[71] MENZOLIT FIBRON GMBH, DE
[85] 2004-09-20
[86] 2003-03-20 (PCT/EP2003/002911)
[87] 2003-10-02 (WO2003/080310)
[30] DE (102 12 415.9) 2002-03-21
[30] DE (103 09 811.9) 2003-03-05

[21] **2,479,816**
[13] A1

[51] **Int.Cl. 7G11B 7/26 7G06K 19/04 7G11B 7/24**
[25] EN
[54] **PRODUCTION OF DVD CARDS AND OTHER DISCS OF NONCIRCULAR SHAPE**
[54] **FABRICATION DE CARTES DVD ET D'AUTRES DISQUES NON CIRCULAIRES**
[72] SPEER, ULRICH, DE
[71] STEAG HAMATECH AG, DE
[85] 2004-09-17
[86] 2003-03-21 (PCT/EP2003/002957)
[87] 2003-10-02 (WO2003/081583)
[30] DE (102 13 273.9) 2002-03-25

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[13] A1

[51] **Int.Cl. 7A23C 9/133**
[25] EN
[54] **DAIRY PRODUCT WITH STRIPES OR COATING**
[54] **PRODUIT LAITIER A BANDES OU REVETEMENT**
[72] LAINE, EMMANUEL, FR
[72] BOURGUIGNON, MICHEL, FR
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2004-09-17
[86] 2003-03-20 (PCT/EP2003/003026)
[87] 2003-10-09 (WO2003/082020)
[30] EP (02007101.5) 2002-03-28

[21] **2,479,818**
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 9/46**
[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATED COMPUTER-AIDED MOLECULAR DISCOVERY**
[54] **SYSTEME ET PROCEDE D'INTEGRATION D'UNE DECOUVERTE MOLECULAIRE ASSISTEE PAR ORDINATEUR**
[72] SUBRAMANIAN, GOVINDAN, US
[72] KUTZ, MICHAEL E., US
[72] SAWAFTA, REYAD I., US
[72] BAUDRY, JEROME, US
[71] TRANSTECH PHARMA, INC., US
[85] 2004-09-17
[86] 2003-04-10 (PCT/US2003/010961)
[87] 2003-10-23 (WO2003/088125)
[30] US (60/371,644) 2002-04-10
[30] US (60/371,643) 2002-04-10
[30] US (60/371,956) 2002-04-11
[30] US (60/371,871) 2002-04-11

[21] **2,479,819**
[13] A1

[51] **Int.Cl. 7C07D 265/30**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF MORPHOLINE DERIVATIVES AND INTERMEDIATES THEREFORE**
[54] **PROCEDE DE PREPARATION DE DERIVES DE MORPHOLINE ET PRODUITS INTERMEDIAIRES OBTENUS A CET EFFET**
[72] MILLS, GAIL, GB
[72] WALKER, ANDREW JOHN, GB
[72] SWANSON, STEPHEN, GB
[72] WILKINSON, MARK, GB
[72] HAYES, MARTIN ALISTAIR, GB
[71] GLAXO GROUP LIMITED, GB
[85] 2004-09-17
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[87] 2003-10-09 (WO2003/082835)
[30] GB (0207450.8) 2002-03-28

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[13] A1
[51] **Int.Cl. 7A61B 17/04**
[25] EN
[54] **DEVICE FOR INSERTING SUTURE ANCHORS**
[54] **DISPOSITIF DESTINE A L'INSERTION D'IMPLANTS CHIRURGICAUX**
[72] WATERS, MICHAEL, US
[72] KEANE, MICHAEL, US
[72] REIMELS, BILL, US
[71] LINVATEC BIOMATERIALS LTD., FI
[85] 2004-09-17
[86] 2003-04-23 (PCT/EP2003/004212)
[87] 2003-11-06 (WO2003/090627)
[30] US (10/128,451) 2002-04-24

[21] **2,479,821**
[13] A1
[51] **Int.Cl. 7C25C 3/08**
[25] EN
[54] **PREVENTION OF DISSOLUTION OF METAL-BASED ALUMINIUM PRODUCTION ANODES**
[54] **INHIBITION DE LA DISSOLUTION D'ANODES A BASE DE METAL ET PRODUCTRICES D'ALUMINIUM**
[72] DE NORA, VITTORIO, BS
[72] DURUZ, JEAN-JACQUES, CH
[71] DE NORA, VITTORIO, BS
[71] MOLTECH INVENT S.A., LU
[85] 2004-09-17
[86] 2003-03-31 (PCT/IB2003/001238)
[87] 2003-10-09 (WO2003/083176)
[30] US (10/112,673) 2002-03-30

[21] **2,479,823**
[13] A1
[51] **Int.Cl. 7H01L 21/316 7H01L 21/027 7H01L 21/3105 7H01L 21/311**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF STRUCTURED LAYERS ON SUBSTRATES**
[54] **PROCEDE DE FABRICATION DE COUCHES STRUCTUREES SUR DES SUBSTRATS**
[72] MUND, DIETRICH, DE
[72] BIECK, FLORIAN, DE
[72] LEIB, JUERGEN, DE
[71] SCHÖTT GLAS, DE
[85] 2004-09-17
[86] 2003-04-15 (PCT/EP2003/003884)
[87] 2003-10-23 (WO2003/088340)
[30] DE (202 05 830.1) 2002-04-15
[30] DE (102 22 958.9) 2002-05-23
[30] DE (102 22 964.3) 2002-05-23
[30] DE (102 22 609.1) 2002-05-23
[30] DE (102 52 787.3) 2002-11-13
[30] DE (103 01 559.0) 2003-01-16

[21] **2,479,824**
[13] A1
[51] **Int.Cl. 7G02B 27/14 7G02B 23/10**
[25] EN
[54] **LIGHT GUIDE OPTICAL DEVICE**
[54] **DISPOSITIF A GUIDE D'ONDES OPTIQUE**
[72] AMITAI, YAAKOV, IL
[71] LUMUS LTD., IL
[85] 2004-09-17
[86] 2003-03-19 (PCT/IL2003/000237)
[87] 2003-10-02 (WO2003/081320)
[30] IL (148804) 2002-03-21

[21] **2,479,831**
[13] A1
[51] **Int.Cl. 7C07D 307/85 7A61P 7/02 7C07D 405/12 7C07D 405/14 7C07D 413/14 7C07D 417/14 7A61K 31/343 7A61K 31/443 7A61K 31/4439 7A61K 31/4525 7A61K 31/4545 7A61K 31/496 7A61K 31/506 7A61K 31/5377 7A61K 31/551**
[25] EN
[54] **BENZOFURAN DERIVATIVE**
[54] **DERIVE DE BENZOFURANE**
[72] TSUBOI, YASUNORI, JP
[72] MURAKAMI, JUN, JP
[72] KAWAGUCHI, TAKAYUKI, JP
[72] MITSUI, TAKASHI, JP
[72] IJIMA, TORU, JP
[72] AKATSUKA, HIDENORI, JP
[71] TANABE SEIYAKU CO., LTD., JP
[85] 2004-09-17
[86] 2003-03-27 (PCT/JP2003/003807)
[87] 2003-10-09 (WO2003/082847)
[30] JP (2002-91686) 2002-03-28
[30] JP (2002-376158) 2002-12-26

[21] **2,479,836**
[13] A1
[51] **Int.Cl. 7G03B 21/14**
[25] EN
[54] **MERCHANDISE DISPLAY CASE AND SYSTEM**
[54] **VITRINE ET SYSTEME D'EXPOSITION DE MARCHANDISE**
[72] GORISCHEK, IGNAZ M., US
[72] CIMINI, JOSEPH, US
[71] THE NEIMAN MARCUS GROUP, INC., US
[85] 2004-09-17
[86] 2003-03-06 (PCT/US2003/006837)
[87] 2003-10-02 (WO2003/081334)
[30] US (10/103,172) 2002-03-20

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[13] A1
[51] **Int.Cl. 7H04Q 7/20**
[25] EN
[54] **LOCATION BASED SERVICE PROVIDER**
[54] **FOURNISSEUR DE SERVICES EN FONCTION DE LA POSITION**
[72] DEWALD, EDWARD, US
[72] MOON, GEORGE C., CA
[72] PETRONIS, SCOTT, US
[72] LEA, TONY, CA
[72] BERRILL, ARTHUR R., CA
[72] MATTHEW, TWEEDIE, US
[72] LI, XIANG, CA
[72] DOVE, JOHN, US
[71] MAPINFO CORPORATION, US
[85] 2004-09-17
[86] 2003-03-19 (PCT/US2003/008628)
[87] 2003-10-02 (WO2003/081391)
[30] US (60/365,820) 2002-03-19
[30] US (60/378,805) 2002-05-07
[30] US (60/411,435) 2002-09-17

[21] **2,479,841**
[13] A1
[51] **Int.Cl. 7A61B 1/07**
[25] EN
[54] **AN INTEGRATED VISUALIZATION SYSTEM**
[54] **SYSTEME DE VISUALISATION INTEGRE**
[72] DUNKI-JACOBS, ROBERT, US
[72] SPEEG, TREVOR W. V., US
[72] WAMPLER, SCOTT D., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2004-09-17
[86] 2003-03-21 (PCT/US2003/008939)
[87] 2003-10-09 (WO2003/082075)
[30] US (60/366,727) 2002-03-22

[21] **2,479,843**
[13] A1
[51] **Int.Cl. 7C12N 15/82 7C07C 53/00 7A01H 5/00 7C12N 5/04**
[25] EN
[54] **GENERATION OF PLANTS WITH ALTERED OIL CONTENT**
[54] **GENERATION DE PLANTES A TENEUR EN HUILE ALTEREE**
[72] COATE, JEREMY E., US
[72] LIGHTNER, JONATHAN, US
[72] CLENDENNEN, STEPHANIE K., US
[72] FEDERSPIEL, NANCY, US
[72] SCHUSTER, DEBRA K., US
[71] AGRINOMICS, LLC, US
[85] 2004-09-20
[86] 2003-03-19 (PCT/US2003/008739)
[87] 2003-10-02 (WO2003/079766)
[30] US (60/366,108) 2002-03-20

[21] **2,479,844**
[13] A1
[51] **Int.Cl. 7G06K 9/00**
[25] EN
[54] **IMAGE READING APPARATUS AND DRIVE CONTROL METHOD THEREFOR**
[54] **APPAREIL DE LECTURE D'IMAGES ET PROCEDE DE COMMANDE D'ATTAQUE POUR CET APPAREIL**
[72] MIZUTANI, YASUSHI, JP
[71] CASIO COMPUTER CO., LTD., JP
[85] 2004-09-17
[86] 2003-03-19 (PCT/JP2003/003355)
[87] 2003-09-25 (WO2003/079275)
[30] JP (2002-075811) 2002-03-19
[30] JP (2002-075937) 2002-03-19

[21] **2,479,845**
[13] A1
[51] **Int.Cl. 7C08F 20/34 7C09D 133/14 7C08L 33/14 7C08J 5/18 7C08G 59/40**
[25] EN
[54] **CATIONIC, AMINO-FUNCTIONAL, ADHESION-PROMOTING POLYMER FOR CURABLE INKS AND OTHER PLASTIC FILM COATINGS, AND PLASTIC FILM COMPRISING SUCH POLYMER**
[54] **POLYMERE CATIONIQUE AMINO-FONCTIONNEL FAVORISANT L'ADHERENCE POUR ENCRE DURCISSEABLES ET AUTRES REVETEMENTS POUR FILMS PLASTIQUES, ET FILM PLASTIQUE COMPRENANT UN TEL POLYMERE**
[72] MCGEE, DENNIS E., US
[71] EXXONMOBIL OIL CORPORATION, US
[85] 2004-09-17
[86] 2003-04-01 (PCT/US2003/010151)
[87] 2003-11-13 (WO2003/093331)
[30] US (10/134,969) 2002-04-29

[21] **2,479,848**
[13] A1
[51] **Int.Cl. 7A61B 17/62 7G06F 19/00 7A61B 17/64**
[25] EN
[54] **ORTHOPAEDIC FIXATION METHOD AND DEVICE**
[54] **DISPOSITIF ET PROCEDE DE FIXATION ORTHOPEDIQUE**
[72] AUSTIN, ED, US
[72] SCHNEIDER, JOHN, US
[71] SMITH & NEPHEW, INC., US
[85] 2004-09-17
[86] 2003-04-04 (PCT/US2003/010326)
[87] 2003-10-23 (WO2003/086212)
[30] US (60/370,201) 2002-04-05

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[13] A1
[51] **Int.Cl. 7G11B 23/03**
[25] EN
[54] **DISC CARTRIDGE**
[54] **CARTOUCHE DE DISQUE**
[72] CHOI, HAN-KOOK, KR
[72] CHUNG, CHONG-SAM, KR
[72] YIM, HONG-KYUN, KR
[72] EUM, JAE-YONG, KR
[72] HIRONORI, OKAZAWA, JP
[72] YOSHITO, SAJI, JP
[72] TERUYUKI, TAKIZAWA, JP
[72] LEE, YONG-HOON, KR
[71] SAMSUNG ELECTRIC CO., LTD., KR
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2004-09-17
[86] 2003-02-11 (PCT/KR2003/000293)
[87] 2003-09-25 (WO2003/079356)
[30] KR (2002/0015162) 2002-03-20
[30] KR (2002/0044499) 2002-07-27

[21] **2,479,854**
[13] A1
[51] **Int.Cl. 7H04J 3/16 7H04Q 7/00 7G08B 1/08 7G06F 15/16 7G06F 15/173**
[25] EN
[54] **MONITORING A LOCAL AREA NETWORK**
[54] **SURVEILLANCE D'UN RESEAU LOCAL**
[72] AU, DEAN, US
[72] WU, MILES, US
[72] KUAN, CHIA-CHEE, US
[71] AIRMAGNET, INC., US
[85] 2004-09-17
[86] 2003-04-08 (PCT/US2003/010727)
[87] 2003-10-23 (WO2003/088547)
[30] US (60/371,084) 2002-04-08

[21] **2,479,857**
[13] A1
[51] **Int.Cl. 7A61N 5/06 7F21K 2/06**
[25] EN
[54] **CHEMILUMINESCENT LIGHT SOURCE USING VISIBLE LIGHT FOR BIOTHERAPY**
[54] **SOURCE LUMINEUSE CHIMILUMINESCENTE UTILISANT LA LUMIERE VISIBLE EN BIOTHERAPIE**
[72] CHASTEEN, THOMAS G., US
[72] ARCANGELI, ROBERT, US
[72] LEVINE, ANDY, US
[72] LEVIN, PHILIP, US
[72] TOLKOFF, MARC JOSHUA, US
[71] LUMERX, INC., US
[85] 2004-09-17
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[87] 2003-10-30 (WO2003/089063)
[30] US (60/372,695) 2002-04-16

[21] **2,479,860**
[13] A1
[51] **Int.Cl. 7C09K 11/70 7H01J 61/44**
[25] EN
[54] **UV-EMITTING PHOSPHOR BLEND AND TANNING LAMP CONTAINING SAME**
[54] **MELANGE DE PHOSPHORE EMETTANT DES RAYONS UV ET LAMPE DE BRONZAGE CONTENANT CE MELANGE**
[72] DULLEA, LEONARD V., US
[72] DUTTA, ARUNAVA, US
[72] TETREAU, ALINE, CA
[72] HORION, PASCAL, CA
[71] OSRAM SYLVANIA INC., US
[85] 2004-09-17
[86] 2004-01-20 (PCT/US2004/001362)
[87] 2004-08-05 (WO2004/066334)
[30] US (10/348,468) 2003-01-21

[21] **2,479,873**
[13] A1
[51] **Int.Cl. 7C25D 5/00 7B23H 3/00 7B23H 5/00 7B23H 7/00 7B23H 9/00 7B23H 11/00 7C25D 5/08 7C25D 5/48 7C25D 5/50 7C25D 5/52**
[25] EN
[54] **ELECTROPOLISHING AND ELECTROPLATING METHODS**
[54] **PROCEDES D'ELECTROPOLISSAGE ET D'ELECTRODEPOSITION**
[72] WANG, HUI, US
[72] WU, HUIQUAN, US
[72] YIH, PEIHAUR, US
[72] WANG, JIAN, US
[71] ACM RESEARCH, INC., US
[85] 2004-09-17
[86] 2003-04-11 (PCT/US2003/011417)
[87] 2003-10-23 (WO2003/088316)
[30] US (60/372,263) 2002-04-12
[30] US (60/382,133) 2002-05-21
[30] US (60/387,826) 2002-06-08
[30] US (60/398,316) 2002-07-24

[21] **2,479,875**
[13] A1
[51] **Int.Cl. 7B01D 59/44 7H01J 40/00**
[25] EN
[54] **HIGH DYNAMIC RANGE ANALOG-TO-DIGITAL CONVERTER**
[54] **CONVERTISSEUR ANALOGIQUE-NUMERIQUE A PLAGE DYNAMIQUE ELEVEE**
[72] HANNING-LEE, MARK A., US
[72] SYAGE, JACK A., US
[71] SYAGEN TECHNOLOGY, US
[85] 2004-09-20
[86] 2003-03-18 (PCT/US2003/008339)
[87] 2003-10-02 (WO2003/080224)
[30] US (10/101,670) 2002-03-18

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[13] A1
[51] **Int.Cl. 7A61F 13/58**
[25] EN
[54] **DISPOSABLE WEARING ARTICLE AND METHOD FOR PROCESS FOR MAKING THE SAME**
[54] **ARTICLE VESTIMENTAIRE JETABLE ET PROCEDE DE PRODUCTION DE CET ARTICLE**
[72] SHIMOE, NARIAKI, JP
[71] UNI-CHARM CO., LTD., JP
[85] 2004-09-20
[86] 2003-02-19 (PCT/JP2003/001803)
[87] 2003-10-02 (WO2003/079952)
[30] JP (2002-80795) 2002-03-22

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[13] A1
[51] **Int.Cl. 7C07C 237/26 7C07C 43/00 7C07C 49/00**
[25] EN
[54] **SUBSTITUTED TETRACYCLINE COMPOUNDS**
[54] **COMPOSES DE TETRACYCLINE SUBSTITUEE**
[72] FRECHETTE, ROGER, US
[72] OHEMENG, KWASI, US
[72] VERMA, ATUL K., US
[72] VISKI, PETER, US
[72] WARCHOL, TADEUSZ, US
[72] BERNIAC, JOEL, US
[72] BHATIA, BEENA, US
[72] MCINTYRE, LAURA, US
[72] REDDY, LAXMA, US
[72] KIM, OAK A., US
[72] ASSEFA, HAREGEWEIN, US
[72] TOURIGNY, JUSTIN, US
[72] SHEAHAN, PAUL, US
[72] SIZENSKY, EMMANUELLE, US
[72] ISMAIL, MOHAMED Y., US
[72] BANDARAGE, UPUL, US
[72] MATHEWS, JUDE, US
[72] PEARSON, ANDRE, US
[72] NELSON, MARK L., US
[72] ABATO, PAUL, US
[72] CHEN, JACKSON, US
[72] NIHLAWI, MOHAMMED, US
[72] AMOO, VICTOR, US
[72] MECHICHE, RACHID, US
[71] PARATEK PHARMACEUTICALS, INC., US
[85] 2004-09-20
[86] 2003-03-18 (PCT/US2003/008324)
[87] 2003-10-02 (WO2003/079984)
[30] US (60/367,045) 2002-03-21
[30] US (60/366,915) 2002-03-21
[30] US (60/367,048) 2002-03-21
[30] US (60/395,468) 2002-07-12
[30] US (60/440,305) 2003-01-14

[21] **2,479,878**
[13] A1
[51] **Int.Cl. 7B01J 27/26 7B01J 37/16 7C08G 65/26**
[25] EN
[54] **METHOD FOR PREPARING METAL CYANIDE CATALYSTS USING ZERO VALENT METALS**
[54] **PROCEDE POUR PREPARER DES CATALYSEURS A BASE DE CYANURE METALLIQUE AU MOYEN DE METAUX DE VALENCE NULLE**
[72] WEHMEYER, RICHARD M., US
[71] DOW GLOBAL TECHNOLOGIES INC., US
[85] 2004-09-20
[86] 2003-03-18 (PCT/US2003/008406)
[87] 2003-10-02 (WO2003/080240)
[30] US (60/366,759) 2002-03-21

[21] **2,479,879**
[13] A1
[51] **Int.Cl. 7C07H 1/00 7A61K 39/00 7A61K 39/02**
[25] EN
[54] **NEISSERIA MUTANTS, LIPOOLIGOSACCHARIDES AND IMMUNOGENIC COMPOSITIONS**
[54] **MUTANTS DE NEISSERIA, LIPOOLIGOSACCHARIDES ET COMPOSITIONS IMMUNOGENES**
[72] STEPHENS, DAVID S., US
[72] TZENG, YIH-LING, US
[72] ZUGHAIER, SUSU, US
[72] ZIMMER, SHANTA, US
[71] EMORY UNIVERSITY, US
[85] 2004-09-20
[86] 2003-03-20 (PCT/US2003/008795)
[87] 2003-10-02 (WO2003/079995)
[30] US (60/366,060) 2002-03-20

[21] **2,479,880**
[13] A1
[51] **Int.Cl. 7A61K 31/64 7A61P 3/00 7A61K 31/015 7A61K 31/155 7A61K 31/21 7A61K 31/40 7A61K 31/404 7A61K 31/435 7A61P 5/50**
[25] EN
[54] **COMBINATION COMPRISING AN HMG-COA REDUCTASE INHIBITTOR AND AN INSULIN SECRETOR ENHANCER OR AN INSULIN SENSITIZER**
[54] **COMBINAISON DE COMPOSES ORGANIQUES**
[72] DAMON, ROBERT EDSON, US
[72] BURKEY, BRYAN, US
[72] HUGHES, THOMAS EDWARD, US
[71] NOVARTIS AG, CH
[85] 2004-09-20
[86] 2003-03-21 (PCT/EP2003/002978)
[87] 2003-10-02 (WO2003/080070)
[30] US (60/366,752) 2002-03-22

[21] **2,479,881**
[13] A1
[51] **Int.Cl. 7C07C 259/06 7C07F 5/02 7C07K 5/06 7A61K 31/16 7C07C 309/17 7A61K 31/194 7A61K 31/33 7C07C 59/347 7C07D 207/46**
[25] EN
[54] **HIF HYDROXYLASE INHIBITORS**
[54] **INHIBITEURS D'HYDROXYLASE HIF**
[72] PUGH, CHRISTOPHER WILLIAM, GB
[72] MAXWELL, PATRICK HENRY, GB
[72] SCHOFIELD, CHRISTOPHER JOSEPH, GB
[72] RATCLIFFE, PETER JOHN, GB
[71] ISIS INNOVATION LIMITED, GB
[85] 2004-09-20
[86] 2003-03-21 (PCT/GB2003/001239)
[87] 2003-10-02 (WO2003/080566)
[30] GB (0206711.4) 2002-03-21

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[21] **2,479,882**
[13] A1

[51] **Int.Cl. 7A61N 1/32**
[25] EN
[54] **PREPARATION AND DELIVERY OF HEALTHCARE SERVICES UTILIZING ELECTROLYTIC MEDICAMENTS**
[54] **PREPARATION ET ADMINISTRATION DE SERVICES DE SOINS AU MOYEN DE MEDICAMENTS ELECTROLYTIQUES**
[72] ORTON, KEVIN R., US
[71] ORTON, KEVIN R., US
[85] 2004-09-20
[86] 2003-03-21 (PCT/US2003/009000)
[87] 2003-10-02 (WO2003/080176)
[30] US (10/102,498) 2002-03-21

[21] **2,479,883**
[13] A1

[51] **Int.Cl. 7G02F 1/155**
[25] EN
[54] **ELECTROCHROMIC DISPLAY DEVICE**
[54] **AFFICHEUR ELECTROCHROMIQUE**
[72] VINCENT, JOHN B., US
[72] FLICK, DERRICK W., US
[71] COMMOTION INC., US
[85] 2004-09-20
[86] 2003-02-07 (PCT/US2003/003827)
[87] 2003-10-02 (WO2003/081330)
[30] US (10/102,535) 2002-03-19

[21] **2,479,884**
[13] A1

[51] **Int.Cl. 7B01D 17/032 7B01D 17/12**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING A MIXTURE OF FLUIDS**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION DE MELANGE DE FLUIDES**
[72] PUIK, ERIC JOHANNES, NL
[71] SHELL CANADA LIMITED, CA
[85] 2004-09-20
[86] 2003-03-24 (PCT/EP2003/003170)
[87] 2003-10-02 (WO2003/080212)
[30] EP (02252120.7) 2002-03-25

[21] **2,479,886**
[13] A1

[51] **Int.Cl. 7B01D 53/62 7B01D 53/74**
[25] EN
[54] **COMBUSTION METHOD WITH INTEGRATED CO2 SEPARATION BY MEANS OF CARBONATION**
[54] **PROCEDE DE COMBUSTION INTEGRANT UNE SEPARATION DE CO2 REALISEE PAR CARBONATATION**
[72] OAKEY, JOHN, GB
[72] ABANADES GARCIA, JUAN CARLOS, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[71] CRANFIELD UNIVERSITY, GB
[85] 2004-09-20
[86] 2003-03-14 (PCT/ES2003/000118)
[87] 2003-10-02 (WO2003/080223)
[30] ES (P200200684) 2002-03-22

[21] **2,479,887**
[13] A1

[51] **Int.Cl. 7C07D 211/58 7A61P 29/00 7C07D 451/04 7C07D 401/12 7C07D 403/12 7A61P 31/12 7A61K 31/4468 7A61K 31/46**
[25] EN
[54] **PIPERIDINE OR 8-AZA-BICYCLO-3.2.1|OCT-3-YL DERIVATIVES USEFUL AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY (ESPECIALLY CCR5)**
[54] **DERIVES DE PIPERIDINE OU 8-AZA-BICYCLO-3.2.1|OCT-3-YLE CONVENANT COMME MODULATEURS DE L'ACTIVITE DES RECEPTEURS DE LA CHIMIOKINE (PLUS PARITCULIEREMENT CCR5)**
[72] CUMMING, JOHN, GB
[71] ASTRAZENECA AB, SE
[85] 2004-09-20
[86] 2003-03-24 (PCT/SE2003/000480)
[87] 2003-10-02 (WO2003/080574)
[30] SE (0200919-9) 2002-03-25

[21] **2,479,888**
[13] A1

[51] **Int.Cl. 7C07D 409/12 7C07D 205/04 7C07K 5/06 7C07D 207/16**
[25] EN
[54] **NEW CRYSTALLINE FORMS OF (2S)-N-5-AMINO(IMINO)METHYL-2-THIENYLMETHYL-1-(2R)-2-(CARBOXYMETHYL)AMINO-3,3-DIPHENYLPROPANOYL-2-PYRROLIDINECARBOXAMIDE NH2O**
[54] **NOUVELLES FORMES CRISTALLINES DE (2S)-N-5-AMINO(IMINO)METHYL-2-THIENYLMETHYL-1-(2R)-2-(CARBOXYMETHYL)AMINO-3,3-DIPHENYLPROPANOYL-2-PYRROLIDINECARBOXAMIDE . NH2O**
[72] PARK, JAE-HYEON, KR
[72] KIM, BONG-CHAN, KR
[72] YOON, SUK-KYOON, KR
[72] KIM, SUNG-JI, KR
[72] CHO, KWAN-HYUNG, KR
[72] KIM, AERI, KR
[71] LG LIFE SCIENCES LTD., KR
[85] 2004-09-20
[86] 2003-03-21 (PCT/KR2003/000558)
[87] 2003-10-02 (WO2003/080601)
[30] KR (10-2002-0015627) 2002-03-22

[21] **2,479,892**
[13] A1

[51] **Int.Cl. 7C07F 9/30 7C07F 9/32**
[25] EN
[54] **PLASMA CARBOXYPEPTIDASE B INHIBITORS**
[54] **INHIBITEURS DE PLASMA CARBOXYPEPTIDASE B**
[72] ISLAM, IMADUL, US
[72] WEST, CHRISTOPHER, US
[72] BUCKMAN, BRAD O., US
[72] YUAN, SHENDONG, US
[72] MAY, KAREN, US
[72] EMAYAN, KUMAR, US
[72] MOHAN, RAJU, US
[72] BRYANT, JUDI, US
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2004-09-20
[86] 2003-03-21 (PCT/US2003/008587)
[87] 2003-10-02 (WO2003/080631)
[30] US (60/367,156) 2002-03-21

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[21] **2,479,893**
[13] A1
[51] **Int.Cl. 7C07D 409/12 7C07H 19/01 7C07D 205/04 7C07K 5/06 7C07D 207/16 7C07C 57/30**
[25] EN
[54] **MALEIC ACID SALT OF (2S)-N-{5- γ -AMINO(IMINO)METHYL}-2-THIENYL}METHYL-1-{(2R)-2-(CARBOXYMETHYL)AMINO}3,3-DIPHENYLPROPANOYL}-2-PYRROLIDINE CARBOXAMIDE AND A PROCESS FOR PREPARING THE SAME**
[54] **SEL D'ACIDE MALEIQUE DE (2S)-N-{5- γ -AMINO(IMINO)METHYL}-2-THIENYL}METHYL-1-{(2R)-2-(CARBOXYMETHYL)AMINO}3,3-DIPHENYLPROPANOYL}-2-PYRROLIDINE CARBOXAMIDE ET PROCEDE DE PREPARATION CORRESPONDANT**
[72] KIM, AERI, KR
[72] PARK, JAE-HYEON, KR
[72] YOON, SUK-KYOON, KR
[72] PARK, CHEOL-WON, KR
[72] CHO, KWAN-HYUNG, KR
[71] LG LIFE SCIENCES LTD., KR
[85] 2004-09-20
[86] 2003-03-21 (PCT/KR2003/000559)
[87] 2003-10-02 (WO2003/080602)
[30] KR (10-2002-0015661) 2002-03-22

[21] **2,479,895**
[13] A1
[51] **Int.Cl. 7A23L 1/217 7A23L 1/218**
[25] EN
[54] **APPLICATION OF BRINE SOLUTIONS TO FOOD PRODUCTS, WITHOUT THE PRODUCTION OF EFFLUENT**
[54] **APPLICATION DE SOLUTIONS DE SAUMURE SUR DES PRODUITS ALIMENTAIRES SANS PRODUCTION D'EFFLUENT**
[72] BARBER, KEITH A., US
[72] SLOVAK, WILLIAM R., US
[71] RECOT, INC., US
[85] 2004-09-21
[86] 2003-03-26 (PCT/US2003/009291)
[87] 2003-10-26 (WO2003/084348)
[30] US (10/109,059) 2002-03-29

[21] **2,479,896**
[13] A1
[51] **Int.Cl. 7C07K 14/31 7C07K 1/22**
[25] EN
[54] **A MUTATED IMMUNOGLOBULIN-BINDING PROTEIN**
[54] **PROTEINE DE LIAISON A L'IMMUNOGLOBULINE MUTEE**
[72] HOBER, SOPHIA, SE
[71] AMERSHAM BIOSCIENCES AB, SE
[85] 2004-09-20
[86] 2003-03-20 (PCT/SE2003/000475)
[87] 2003-10-02 (WO2003/080655)
[30] SE (0200943-9) 2002-03-25

[21] **2,479,897**
[13] A1
[51] **Int.Cl. 7C12N 7/00 7A61K 35/76**
[25] EN
[54] **BACTERIOPHAGES USEFUL FOR THERAPY AND PROPHYLAXIS OF BACTERIAL INFECTIONS**
[54] **AGENTS ANTI-BACTERIENS**
[72] RAPSON, MARK EDWARD, GB
[72] GLANCEY, LIUDMILLA PENCHEVA, GB
[72] BURDEN, FAITH ADELAIDE, GB
[72] HODGSON, DAVID ALLAN, GB
[72] MANN, NICHOLAS HAROLD, GB
[71] UNIVERSITY OF WARWICK, GB
[85] 2004-09-20
[86] 2003-03-19 (PCT/GB2003/001190)
[87] 2003-10-02 (WO2003/080823)
[30] GB (0207021.7) 2002-03-25
[30] US (10/215,056) 2002-07-08

[21] **2,479,898**
[13] A1
[51] **Int.Cl. 7C07F 9/59 7A61P 5/00 7A61P 7/00 7A61P 29/00 7A61P 31/00 7A61P 43/00 7A61P 37/02 7A61P 7/06 7A61P 37/08 7A61P 3/10 7A61P 31/18 7A61K 31/675**
[25] EN
[54] **NOVEL SG(A)-AMINO-N-(DIAMINOPHOSPHINYL)LACTAM DERIVATIVE**
[54] **NOUVEAU DERIVE D'SG(A)-AMINO-N-(DIAMINOPHOSPHINYL)LACTAME**
[72] NISHIMURA, CHIHIRO, JP
[72] NAGAI, MASASHI, JP
[72] ABE, MASATOSHI, JP
[72] YAMAMOTO, KEIICHIROU, JP
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP
[71] ZAIDANHOJIN BISEIBUTSU KAGAKU KENKYUKAI, JP
[85] 2004-09-20
[86] 2003-03-24 (PCT/JP2003/003534)
[87] 2003-10-02 (WO2003/080633)
[30] JP (2002-82581) 2002-03-25

[21] **2,479,900**
[13] A1
[51] **Int.Cl. 7A61M 15/00**
[25] EN
[54] **DRY POWDER INHALER**
[54] **INHALATEUR DE POUDDRE SECHE**
[72] PENTAFRAGAS, DIMITRIOS, GR
[71] PENTAFRAGAS, DIMITRIOS, GR
[85] 2004-09-20
[86] 2002-09-25 (PCT/GR2002/000050)
[87] 2003-10-09 (WO2003/082389)
[30] GR (20020100159) 2002-03-29

[21] **2,479,901**
[13] A1
[51] **Int.Cl. 7C12N 15/10**
[25] EN
[54] **PURIFICATION METHODS FOR OLIGONUCLEOTIDES AND THEIR ANALOGS**
[54] **PROCEDES DE PURIFICATION POUR DES OLIGONUCLEOTIDES ET LEURS ANALOGUES**
[72] JOHANSEN, JACK T., US
[71] AVECIA BIOTECHNOLOGY INC., US
[85] 2004-09-20
[86] 2003-03-19 (PCT/GB2003/001161)
[87] 2003-10-02 (WO2003/080834)
[30] US (60/367,060) 2002-03-21

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[21] **2,479,906**
[13] A1

[51] **Int.Cl. 7A61K 31/495 7C07D 295/18 7C07D 209/20 7C07D 295/22 7C07D 239/42 7A61K 31/496 7C07D 317/58 7C07D 333/60**

[25] EN
[54] **CARBAMIC ACID COMPOUNDS COMPRISING A PIPERAZINE LINKAGE AS HDAC INHIBITORS**
[54] **COMPOSES D'ACIDE CARBAMIQUE COMPRENANT UN CHAINON DE PIPERAZINE TELS QUE LES INHIBITEURS HDAC**

[72] GAILITE, VJIA, LV
[72] DIKOVSKA, KLARA, LV
[72] FINN, PAUL W., GB
[72] LOLYA, DAINA, LV
[72] WATKINS, CLARE J., GB
[72] LOZA, EINARS, LV
[72] ROMERO-MARTIN, MARIA-ROSARIO, GB
[72] KALVINSH, IVARS, LV
[72] STARCHENKOV, IGOR, LV
[72] RITCHIE, JAMES, GB
[71] TOPOTARGET UK LIMITED, GB
[85] 2004-09-20
[86] 2003-04-03 (PCT/GB2003/001463)
[87] 2003-10-09 (WO2003/082288)
[30] US (60/369,337) 2002-04-03

[21] **2,479,907**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C12N 15/12 7G01N 33/68 7C12Q 1/68**

[25] EN
[54] **P-REX1, A PTDINS (3, 4, 5) P3- G-BETA-GAMMA-REGULATED GUANINE-NUCLEOTIDE EXCHANGE FACTOR FOR RAC**
[54] **PROTEINE P-REX1, FACTEUR D'ECHANGE GUANINE-NUCLEOTIDE POUR RAC REGULE PAR PTDINS (3, 4, 5) P3 ET PAR G-BETA-GAMMA-**

[72] HAWKINS, PHILLIP THOMAS, GB
[72] STEPHENS, LEN, GB
[71] THE BABRAHAM INSTITUTE, GB
[85] 2004-09-20
[86] 2003-03-21 (PCT/GB2003/001238)
[87] 2003-10-02 (WO2003/080664)
[30] GB (0206684.3) 2002-03-21

[21] **2,479,908**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 38/00 7A61K 45/00 7A61P 9/00 7A61P 35/00 7A61P 43/00 7A61P 37/02 7A61P 25/28 7C07K 14/39**

[25] EN
[54] **CALCINEURIN ACTIVATOR**
[54] **ACTIVATEURS DE CALCINEURINE**

[72] KITAMOTO, HIROKO, JP
[72] MIYAKAWA, TOKICHI, JP
[71] NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, JP
[85] 2004-09-20
[86] 2002-06-18 (PCT/JP2002/006063)
[87] 2003-10-02 (WO2003/080841)
[30] JP (2002-81415) 2002-03-22

[21] **2,479,910**
[13] A1

[51] **Int.Cl. 7A61K 31/5375 7C07D 265/30**

[25] EN
[54] **N-{ (2S) -4- (3, 4-DIFLUOROBENZYL) MORPHOLIN-2YL}METHYL} -2-{3-' (METHYLSULPHONYL) AMINO} PHENYL}ACETAMIDE AS CCR3 ANTAGONIST FOR THE TREATMENT OF INFLAMMATORY CONDITIONS**
[54] **N-{' (2S) -4- (3, 4-DIFLUOROBENZYLE) MORPHOLINE-2-YLE}METHYLE} -2-{3-' (METHYLSULPHONYLE) AMINO} PHENYLE}ACETAMIDE UTILISE EN TANT QU'ANTAGONISTE DU RECEPTEUR CCR3 POUR LE TRAITEMENT D'ETATS INFLAMMATOIRES**

[72] HARRISON, LEE ANDREW, GB
[72] COOK, CAROLINE MARY, GB
[72] ELDRD, COLIN DAVID, GB
[72] HAYES, MARTIN ALISTAIR, GB
[72] WALKER, ANDREW JOHN, GB
[72] GORE, PAUL MARTIN, GB
[72] HODGSON, SIMON TEANBY, GB
[72] WILKINSON, MARK, GB
[72] SWANSON, STEPHEN, GB
[72] KEELING, SUZANNE ELAINE, GB
[72] JUDD, DUNCAN BRUCE, GB
[72] ANCLIFF, RACHAEL ANN, GB
[72] LEWELL, XIAO QING, GB
[72] ROBERTSON, GRAEME MICHAEL, GB

[72] MILLS, GAIL, GB
[71] GLAXO GROUP LIMITED, GB
[85] 2004-09-20
[86] 2003-03-27 (PCT/EP2003/003339)
[87] 2003-10-09 (WO2003/082291)
[30] GB (0207449.0) 2002-03-28

[21] **2,479,911**
[13] A1

[51] **Int.Cl. 7E02F 3/815 7E02F 3/76**

[25] EN
[54] **GROUND LEVELLING APPARATUS**
[54] **APPAREIL DE NIVELLEMENT DU SOL**

[72] SIELING, NOCOLAAS LAURISSE, AU
[71] SIELING, NOCOLAAS LAURISSE, AU
[85] 2004-09-20
[86] 2003-03-21 (PCT/AU2003/000374)
[87] 2003-10-02 (WO2003/080943)
[30] AU (PS 1294) 2002-03-25

[21] **2,479,912**
[13] A1

[51] **Int.Cl. 7A61K 31/5377 7A61P 29/00 7C07D 413/06 7A61P 11/06 7C07D 265/30 7C07D 209/48**

[25] EN
[54] **BENZENESULPHONATE SALT OF A MORPHOLINE UREA DERIVATIVE FOR USE AS A CCR-3 ANTAGONIST IN THE TREATMENT OF INFLAMMATORY CONDITIONS**
[54] **SEL BENZENESULFONATE D'UN DERIVE D'UREE MORPHOLINE UTILISE EN TANT QU'ANTAGONISTE DE CCR-3 DANS LE TRAITEMENT D'ETATS INFLAMMATOIRES**

[72] WILKINSON, MARK, GB
[72] COOK, JOHN SPENCER, GB
[72] LANDON, ROBERT PHILIP, GB
[72] WALKER, ANDREW JOHN, GB
[71] GLAXO GROUP LIMITED, GB
[85] 2004-09-20
[86] 2003-03-27 (PCT/EP2003/003345)
[87] 2003-10-09 (WO2003/082293)
[30] GB (0207432.6) 2002-03-28

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[21] **2,479,913**
[13] A1

[51] **Int.Cl. 7C09K 3/00 7F21K 2/06 7F21V 9/16 7B65D 35/22**
[25] EN
[54] **THIXOTROPIC, POROUS, CHEMILUMINESCENT REACTANT COMPOSITION**
[54] **COMPOSITION REACTIVE THIXOTROPE, POREUSE, CHIMIOLUMINESCENTE**
[72] PALMER, STEPHEN L., US
[72] PALMER, WILLIAM R., US
[71] OMNIGLOW CORPORATION, US
[85] 2004-09-20
[86] 2003-03-17 (PCT/US2003/008443)
[87] 2003-10-02 (WO2003/080756)
[30] US (60/366,287) 2002-03-20

[21] **2,479,914**
[13] A1

[51] **Int.Cl. 7A61K 31/5415 7A61P 29/00 7A61K 9/02 7A61P 19/02 7A61K 47/10**
[25] EN
[54] **MELOXICAM SUPPOSITORIES CONTAINING E.G. POLYETHYLENGLYCOL**
[54] **SUPPOSITOIRES DE MELOXICAM CONTENANT PAR EXEMPLE DU POLYETHYLENEGLYCOL**
[72] MATSUI, MAYUMI, JP
[72] WADA, KOICHI, JP
[72] OHKI, TOSHIMITSU, JP
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2004-09-20
[86] 2003-03-28 (PCT/EP2003/003252)
[87] 2003-10-09 (WO2003/082297)
[30] EP (02007455.5) 2002-03-30

[21] **2,479,915**
[13] A1

[51] **Int.Cl. 7A61K 35/78**
[25] EN
[54] **CO-BEADLET OF DHA AND ROSEMARY AND METHODS OF USE**
[54] **CO-GRANULE DE DHA ET DE ROMARIN ET PROCEDES D'UTILISATION ASSOCIES**
[72] SAFRONCHIK, OLEG, IL
[72] PINTO, RIKA, IL
[72] LANG, JOHN C., US
[72] KAZHDAN, PAVEL, IL
[72] BLATT, YOAV, IL
[71] ALCON, INC., CH
[71] BIO DAR LTD., IL
[85] 2004-09-20
[86] 2003-03-28 (PCT/US2003/009643)
[87] 2003-10-09 (WO2003/082313)
[30] US (60/368,301) 2002-03-28

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[25] EN
[54] **VALVE ARRANGEMENT FOR RECIPROCATING MACHINERY SUCH AS A PUMP AND A COMPRESSOR**
[54] **ENSEMBLE A VALVES POUR MACHINE A MOUVEMENT ALTERNATIF TEL QU'UNE POMPE ET UN COMPRESSEUR**
[72] MOE, MAGNE, NO
[72] KYLLINGSTAD, AGE, NO
[71] NATIONAL OILWELL NORWAY AS, NO
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[86] 2003-03-18 (PCT/NO2003/000092)
[87] 2003-10-02 (WO2003/081047)
[30] NO (20021434) 2002-03-21

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[25] EN
[54] **POWDER FORMULATIONS SUITABLE FOR INHALATION**
[54] **PREPARATIONS EN POUDRE POUR INHALATION**
[72] BANHOLZER, ROLF, DE
[72] KULINNA, CHRISTIAN, DE
[72] TRUNK, MICHAEL, DE
[72] MATHES, ANDREAS, DE
[72] SPECHT, PETER, DE
[72] SIEGER, PETER, DE
[72] MEISSNER, HELMUT, DE
[72] GRAULICH, MANFRED, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
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[87] 2003-10-16 (WO2003/084509)
[30] EP (02007634.5) 2002-04-04

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[54] **DISCONNECTING DEVICE FOR COMMUNICATIONS CONNECTIONS**
[54] **DISPOSITIF DE SEPARATION POUR CONNEXIONS DE COMMUNICATION**
[72] BADER, UNAL, DE
[71] BADER, UNAL, DE
[85] 2004-09-20
[86] 2003-03-19 (PCT/DE2003/000900)
[87] 2003-10-02 (WO2003/081396)
[30] DE (102 13 351.4) 2002-03-26

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[13] A1

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[25] EN
[54] **SMALL LIQUID SUPPLY ASSEMBLY**
[54] **PETIT ENSEMBLE DISTRIBUTEUR DE LIQUIDE**
[72] SCHWARTZ, THOMAS W., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-09-20
[86] 2003-01-29 (PCT/US2003/002531)
[87] 2003-10-09 (WO2003/082475)
[30] US (10/112,182) 2002-03-28

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[25] EN
[54] **APPLYING RADIO-FREQUENCY IDENTIFICATION TAGS TO OBJECTS**
[54] **ETIQUETTE DE SURVEILLANCE ELECTRONIQUE ET APPLICATEUR SUR BANDE, APPLICATEUR ET PROCEDE D'APPLICATION D'ETIQUETTES DE SURVEILLANCE ELECTRONIQUE**
[72] HOGERTON, PETER B., US
[72] MITCHELL, MICHAEL R., US
[72] KROPP, KARL M., US
[72] KUHN, GARY K., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PTC CONDUCTIVE COMPOSITION CONTAINING A LOW MOLECULAR WEIGHT POLYETHYLENE PROCESSING AID**
[54] **COMPOSITION CONDUCTRICE A COEFFICIENT DE TEMPERATURE POSITIF CONTENANT UN ADDITIF TECHNOLOGIQUE A BASE DE POLYETHYLENE DE BAS POIDS MOLECULAIRE**
[72] BLOK, EDWARD J., US
[72] WEST, JEFFREY A., US
[71] THERM-O-DISC, INCORPORATED, US
[85] 2004-09-20
[86] 2002-12-20 (PCT/US2002/040633)
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[25] EN
[54] **SUBSTITUTED BIARYL AMIDES AS C5A RECEPTOR MODULATORS**
[54] **BIARYLAMIDES SUBSTITUES EN TANT QUE MODULATEURS DU RECEPTEUR C5A**
[72] THURKAUF, ANDREW, US
[72] PETERSON, JOHN, US
[72] PRINGLE, WALLACE, US
[72] YOON, TAEYOUNG, US
[72] ZHAO, HE, US
[72] GAO, YANG, US
[72] HUTCHISON, ALAN, US
[71] NEUROGEN CORPORATION, US
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[25] EN
[54] **POLYISOBUTENAMINES**
[54] **POLYISOBUTENE-AMINES**
[72] LANGE, ARNO, DE
[72] RATH, HANS PETER, DE
[72] POSSELT, DIETMAR, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-09-20
[86] 2003-04-04 (PCT/EP2003/003548)
[87] 2003-10-16 (WO2003/085011)
[30] DE (102 15 108.3) 2002-04-05

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[13] A1

[51] **Int.Cl. 7C08K 5/19 7C08L 79/02 7C08L 101/02**
[25] EN
[54] **COMPOSITIONS OF CATIONIC POLYMERS WITH AMIDINIUM GROUPS AND IONIC LIQUIDS**
[54] **COMPOSITIONS A BASE DE POLYMERES CATIONIQUES A GROUPE AMIDINIUM ET DE LIQUIDES IONIQUES**
[72] SCHMIDT, FRIEDRICH-GEORG, DE
[71] CREAVIS GESELLSCHAFT FUR TECHNOLOGIE UND INNOVATION MBH, DE
[85] 2004-09-20
[86] 2003-02-19 (PCT/EP2003/001652)
[87] 2003-10-16 (WO2003/085050)
[30] DE (102 14 872.4) 2002-04-04

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[13] A1

[51] **Int.Cl. 7C08F 2/50 7C09D 4/00 7G03F 7/029**
[25] EN
[54] **A NEW CLASS OF AMINE COINITIATORS IN PHOTOINITIATED POLYMERIZATIONS**
[54] **NOUVELLE CLASSE DE CO-AMORCEURS AMINES DANS DES POLYMERISATIONS PHOTOAMORCEES**
[72] SANTOBIANCO, JOHN G., US
[72] BRADY, CHARLES A., US
[72] NGUYEN, CHAU K., US
[71] ALBEMARLE CORPORATION, US
[85] 2004-09-20
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[13] A1

[51] **Int.Cl. 7C08F 6/00 7A61K 9/00 7B01D 11/02 7C08F 6/28**
[25] EN
[54] **METHOD FOR REDUCTION OF RESIDUAL ORGANIC SOLVENT IN CARBOMER**
[54] **PROCEDE DE REDUCTION DE SOLVANTS ORGANIQUES RESIDUELS DANS DU CARBOXYPOLYMETHYLENE**
[72] HORHOTA, STEPHEN T., US
[72] FORNESS, CECILE, US
[72] SAIM, SAID, US
[72] BOCHNIAK, DAVID, US
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US
[85] 2004-09-20
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[30] US (60/374,919) 2002-04-23

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[13] A1

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[54] **MEMOIRE NUMERIQUE**
[72] FURBER, STEPHEN BYRAM, GB
[71] COGNISCIENCE LIMITED, GB
[85] 2004-09-20
[86] 2002-10-14 (PCT/GB2002/004650)
[87] 2003-10-09 (WO2003/083669)
[30] GB (0207372.4) 2002-03-28

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[13] A1

[51] **Int.Cl. 7A46B 13/02 7A61C 17/26**
[25] EN
[54] **POWERED TOOTHBRUSH WITH ROTATING SECTIONS**
[54] **BROSSE A DENTS ELECTRIQUE A SECTIONS ROTATIVES**
[72] MINTEL, THOMAS, US
[72] GATZEMEYER, JOHN J., US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2004-09-21
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[87] 2003-10-09 (WO2003/082049)
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[54] **FLAME RETARDANT COATINGS**
[54] **REVETEMENTS IGNIFUGES**
[72] CORDON, CASEY LEE, US
[72] BEDARD, PAUL NORMAND, US
[72] KING, ROSWELL EASTON, US
[72] ZINGG, JUERG, CH
[72] WOOD, MERVIN GALE, US
[72] TROUTMAN, MALISA V., US
[72] RAVICHANDRAN, RAMANATHAN, US
[71] CIBA SPECIALTY CHEMICALS HOLDING, INC., CH
[85] 2004-09-20
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[87] 2003-10-16 (WO2003/085039)
[30] US (60/371,355) 2002-04-10
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[30] US (60/426,445) 2002-11-14

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[51] **Int.Cl. 7A46B 13/02 7A61C 17/26**
[25] EN
[54] **POWERED TOOTHBRUSH WITH VIBRATING SECTION**
[54] **BROSSE A DENTS ELECTRIQUE A SECTION VIBRANTE**
[72] MOSKOVICH, ROBERT, US
[72] FATTORI, JOSEPH EDWARD, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2004-09-21
[86] 2003-03-25 (PCT/US2003/009165)
[87] 2003-10-09 (WO2003/082050)
[30] US (10/107,093) 2002-03-26

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[13] A1

[51] **Int.Cl. 7A23L 2/00**
[25] EN
[54] **AQUEOUS DISPERSIBLE STEROL PRODUCT**
[54] **STEROL DISPERSABLE DANS L'EAU**
[72] SCHMELZER, WADE N., US
[72] STEVENS, LUKE A., US
[71] CARGILL, INCORPORATED, US
[85] 2004-09-20
[86] 2003-03-26 (PCT/US2003/009240)
[87] 2003-10-09 (WO2003/082028)
[30] US (10/107,111) 2002-03-26

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[13] A1

[51] **Int.Cl. 7G06F 15/16**
[25] EN
[54] **MOST ELIGIBLE SERVER IN A COMMON WORK QUEUE ENVIRONMENT**
[54] **SERVEUR PRET DANS UN ENVIRONNEMENT DE FILE D'ATTENTE FIFO COMMUN**
[72] WILCOCK, GLENN RANDALL, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2004-09-20
[86] 2003-03-14 (PCT/EP2003/002674)
[87] 2003-10-09 (WO2003/083683)
[30] US (10/112,134) 2002-03-29

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[13] A1

[51] **Int.Cl. 7A47C 23/04 7A47C 27/07**
[25] EN
[54] **IMPROVED EDGE SUPPORT ON A MATTRESS**
[54] **MAINTIEN DES BORDS AMELIORE SUR UN MATELAS**
[72] MALIN, ROBERT E., US
[72] KLANCNIK, ALVIN R., US
[72] SABALASKEY, ROBERT J., US
[71] SERTA, INC., US
[85] 2004-09-20
[86] 2003-03-28 (PCT/US2003/009466)
[87] 2003-10-09 (WO2003/082055)
[30] US (10/109,983) 2002-03-28

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[13] A1

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[25] EN
[54] **FILTER AND METHOD OF MANUFACTURE**
[54] **FILTRE ET PROCEDE DE FABRICATION**
[72] WRIGHT, ALLEN B., US
[72] NGUYEN, LEDU Q., US
[71] ARVIN TECHNOLOGIES, INC., US
[85] 2004-09-20
[86] 2003-02-24 (PCT/US2003/005607)
[87] 2003-11-27 (WO2003/097209)
[30] US (10/147,252) 2002-05-16

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[13] A1

[51] **Int.Cl. 7D21F 3/02**
[25] EN
[54] **BELT FOR A SHOE PRESS AND METHOD FOR FORMING SAME**
[54] **COURROIE POUR SYSTEME DE PRESSAGE A SABOT ET PROCEDE DE FABRICATION**
[72] VOSIKA, MATTHEW, US
[72] GUSTAFSON, ERIC J., US
[72] MADDEN, MICHAEL P., US
[71] STOWE WOODWARD LLC, US
[85] 2004-09-20
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[87] 2003-11-27 (WO2003/097932)
[30] US (60/378,146) 2002-05-14
[30] US (10/428,406) 2003-05-02

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[13] A1

[51] **Int.Cl. 7G06F 17/21**
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[54] **SYSTEM AND METHOD FOR HIERARCHICAL LAYOUT SPECIALIZATION**
[54] **SYSTEME ET PROCEDE HIERARCHIQUES DE SPECIALISATION DE MISE EN PAGE**
[72] BOEHME, THOMAS FRIEDHELM, DE
[72] LIBERMAN, ALEXANDRA, DE
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2004-09-20
[86] 2003-02-21 (PCT/EP2003/001774)
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[13] A1

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[25] EN
[54] **ORTHOPAEDIC FIXATION METHOD AND DEVICE WITH DELIVERY AND PRESENTATION FEATURES**
[54] **PROCEDE ET DISPOSITIF DE FIXATION ORTHOPEDIQUE DOTE D'ELEMENTS DE DIFFUSION ET DE PRESENTATION**
[72] MULLANEY, MICHAEL W., US
[72] SCHNEIDER, JOHN, US
[72] AUSTIN, ED, US
[71] SMITH & NEPHEW, INC., US
[85] 2004-09-20
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[25] EN
[54] **DEHYDROGENATION CATALYST COMPOSITION**
[54] **COMPOSITION CATALYTIQUE DE DESHYDROGENATION**
[72] VOSKOBOYNIKOV, TIMUR V., US
[72] WEI, DANIEL H., US
[72] SACHTLER, J. W. ADRIAAN, US
[72] VORA, BIPIN V., US
[71] UOP LLC, US
[85] 2004-09-20
[86] 2003-04-02 (PCT/US2003/010089)
[87] 2003-10-23 (WO2003/086625)
[30] US (10/118,642) 2002-04-08

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[13] A1

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[25] EN
[54] **CHROMIA SPRAY POWDERS AND A PROCESS FOR MAKING THE SAME**
[54] **POUDRES DE PULVERISATION CHROME-ALUMINE ET PROCEDE DE FABRICATION DE CELLES-CI**
[72] YU, SUNG H., US
[72] WALLAR, HOWARD, US
[71] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US
[85] 2004-09-20
[86] 2003-04-04 (PCT/US2003/010605)
[87] 2003-10-23 (WO2003/086974)
[30] US (10/118,133) 2002-04-08
[30] US (10/234,422) 2002-09-03

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[13] A1

[51] **Int.Cl. 7E21B 43/10 7E21B 29/10 7E21B 19/22**
[25] EN
[54] **METHOD FOR INSTALLING AN EXPANDABLE COILED TUBING PATCH**
[54] **PROCEDE PERMETTANT D'EFFECTUER UNE OBTURATION DUN TUBE DE PRODUCTION CONCENTRIQUE EXTENSIBLE**
[72] HOFFMAN, COREY E., US
[71] WEATHERFORD/LAMB, INC., US
[85] 2004-09-21
[86] 2003-02-11 (PCT/US2003/003963)
[87] 2003-10-09 (WO2003/083258)
[30] US (10/106,178) 2002-03-26

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[13] A1

[51] **Int.Cl. 7F16L 1/028 7F16L 55/165**
[25] EN
[54] **SYSTEMS AND METHODS FOR PIPELINE REHABILITATION**
[54] **SYSTEMES ET PROCEDES DE REHABILITATION DE CANALISATION**
[72] QUIGLEY, PETER A., US
[72] FEECHAN, MICHAEL, US
[71] FIBERSPAR CORPORATION, US
[85] 2004-09-21
[86] 2003-03-28 (PCT/US2003/009739)
[87] 2003-10-09 (WO2003/083338)
[30] US (60/368,503) 2002-03-29

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[13] A1

[51] **Int.Cl. 7A01D 90/00**
[25] EN
[54] **VEHICLE MOUNTED BALE PICK-UP AND FEEDER**
[54] **PLATE-FORME DE RAMASSAGE ET D'ALIMENTATION MONTEE SUR UN VEHICULE**
[72] MACLAY, THOMAS B., US
[71] MACLAY, THOMAS B., US
[85] 2004-09-21
[86] 2003-03-21 (PCT/US2003/008870)
[87] 2003-10-09 (WO2003/081985)
[30] US (60/367,538) 2002-03-22

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[13] A1

[51] **Int.Cl. 7A61B 5/00**
[25] EN
[54] **A METHOD AND SYSTEM OF MASS AND MULTIPLE CASUALTY TRIAGE**
[54] **PROCEDE ET SYSTEME DE TRIAGE POUR VICTIMES DE CATASTROPHES ET VICTIMES MULTIPLES**
[72] SACCO, WILLIAM J., US
[72] NAVIN, MICHAEL D., US
[71] THINKSHARP, INC., US
[85] 2004-09-21
[86] 2003-03-21 (PCT/US2003/008881)
[87] 2003-10-09 (WO2003/082097)
[30] US (60/367,527) 2002-03-22
[30] US (60/406,225) 2002-08-25
[30] US (10/385,829) 2003-03-11

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[13] A1

[51] **Int.Cl. 7G09B 21/00 7H04N 1/387**
[25] EN
[54] **LOW VISION VIDEO MAGNIFIER**
[54] **TELEVISIONNEUSE POUR VISION FAIBLE**
[72] SEAKINS, PAUL JOHN, NZ
[71] PULSE DATA INTERNATIONAL LIMITED, NZ
[85] 2004-09-20
[86] 2003-03-28 (PCT/NZ2003/000053)
[87] 2003-10-09 (WO2003/083805)
[30] NZ (518092) 2002-03-28

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[13] A1

[51] **Int.Cl. 7H02K 39/00**
[25] EN
[54] **ELECTRICAL PULSE GENERATOR USING PSEUDO-RANDOM POLE DISTRIBUTION**
[54] **GENERATEUR D'IMPULSIONS ELECTRIQUES UTILISANT LA REPARTITION DES POLES PSEUDO-ALEATOIRE**
[72] GALBRAITH, RICHARD LEO, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2004-09-20
[86] 2003-03-14 (PCT/GB2003/001187)
[87] 2003-10-09 (WO2003/084036)
[30] US (10/108,792) 2002-03-28

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[13] A1

[51] **Int.Cl. 7H04N 7/12 7H04N 7/18**
[25] EN
[54] **METHOD AND APPARATUS FOR FAST BLOCK MOTION DETECTION**
[54] **PROCEDE ET APPAREIL DE DETECTION RAPIDE DE MOUVEMENTS DE BLOCS**
[72] CHRISTIANSEN, BERND O., US
[71] CITRIX ONLINE, LLC, US
[85] 2004-09-20
[86] 2003-03-14 (PCT/US2003/007809)
[87] 2003-10-09 (WO2003/084070)
[30] US (10/107,981) 2002-03-25

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[13] A1

[51] **Int.Cl. 7H04B 7/00 7H04Q 7/20**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING A WIRELESS AIRCRAFT INTERPHONE SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT D'OBTENIR UN SYSTEME D'INTERPHONE D'AVION SANS FIL**
[72] VICARI, MICHAEL, US
[71] VICARI, MICHAEL, US
[85] 2004-09-20
[86] 2002-07-02 (PCT/US2002/021222)
[87] 2003-10-09 (WO2003/084089)
[30] US (10/108,105) 2002-03-27

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[13] A1

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[25] EN
[54] **HANDY ELECTRIC NAILING GUN**
[54] **OUTIL DE CLOUAGE A MAIN**
[72] HU, SHIH-CHE, CN
[71] YIH KAI ENTERPRISE CO., LTD., CN
[85] 2004-09-17
[86] 2002-07-25 (PCT/CN2002/000518)
[87] 2004-02-05 (WO2004/011201)

[21] **2,479,981**
[13] A1

[51] **Int.Cl. 7H02M 1/12 7H02M 1/00**
[25] EN
[54] **CIRCUIT USED FOR POWER FACTOR CORRECTION**
[54] **CIRCUIT DE CORRECTION DU FACTEUR DE PUISSANCE ELECTRIQUE**
[72] HONSBURG-RIEDL, MARTIN, DE
[72] CZEKAY, DIETMAR, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[85] 2004-09-20
[86] 2003-03-05 (PCT/DE2003/000721)
[87] 2003-10-02 (WO2003/081756)
[30] DE (102 12 645.3) 2002-03-21

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[13] A1

[51] **Int.Cl. 7C12N 15/11 7A01H 5/00 7A01K 67/027 7A01H 5/10 7C12N 5/10 7C12N 15/63 7C12N 15/82**
[25] EN
[54] **AMPLIFICATION VECTORS BASED ON TRANS-SPLICING**
[54] **VECTEURS D'AMPLIFICATION A BASE DE TRANSEPISSAGE**
[72] MARILLONNET, SYLVESTRE, DE
[72] ZENK, MEINHART, DE
[72] KLIMYUK, VICTOR, DE
[72] IVANOV, PETER, RU
[72] GLEBA, YURI, DE
[71] ICON GENETICS INC., DE
[85] 2004-09-20
[86] 2002-04-30 (PCT/EP2002/004764)
[87] 2002-12-05 (WO2002/097080)

[21] **2,479,987**
[13] A1

[51] **Int.Cl. 7C12Q 1/00**
[25] EN
[54] **FABRICATION METHOD OF MULTISENSORS CHIPS FOR DETECTING ANALYTES**
[54] **PROCEDE DE FABRICATION DE PUCES MULTICAPTEURS DESTINEES A LA DETECTION D'ANALYTES**
[72] CAMPAS HOMES, MONICA, ES
[72] KATAKIS, IOANNIS DAIDALOS, ES
[71] KATAKIS, IOANNIS DAIDALOS, ES
[85] 2004-09-20
[86] 2003-01-14 (PCT/EP2003/000262)
[87] 2003-07-31 (WO2003/062456)
[30] ES (P200200129) 2002-01-22

[21] **2,479,989**
[13] A1

[51] **Int.Cl. 7H04L 29/12 7H04L 29/06**
[25] EN
[54] **COMMUNICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION**
[72] GABOR, BAJKO, HU
[72] MAANSAARI, KIRSI, FI
[72] PERALA, MARTTI, FI
[71] NOKIA CORPORATION, FI
[85] 2004-09-20
[86] 2003-03-20 (PCT/IB2003/001495)
[87] 2003-10-02 (WO2003/081876)
[30] GB (0206849.2) 2002-03-22

[21] **2,479,990**
[13] A1

[51] **Int.Cl. 7C12Q 1/02 7C12Q 1/68**
[25] EN
[54] **METHOD FOR THE IDENTIFICATION OF MICROORGANISMS BY MEANS OF IN SITU HYBRIDIZATION AND FLOW CYTOMETRY**
[54] **PROCEDE DE DETECTION DE MICRO-ORGANISMES PAR UNE HYBRIDATION IN SITU ET UNE CYTOMETRIE DE FLUX**
[72] SNAIDR, JIRI, DE
[72] THELEN, KARIN, DE
[72] BEIMFOHR, CLAUDIA, DE
[71] VERMICON AG, DE
[85] 2004-09-20
[86] 2003-03-27 (PCT/EP2003/003204)
[87] 2003-10-09 (WO2003/083131)
[30] DE (102 14 153.3) 2002-03-28

[21] **2,479,991**
[13] A1

[51] **Int.Cl. 7A61K 9/14 7C07J 41/00**
[25] EN
[54] **PROCESS FOR PRODUCTION OF CRYSTALS, CRYSTALS OBTAINED THEREBY AND THEIR USE IN PHARMACEUTICAL PREPARATIONS**
[54] **PROCEDE POUR PRODUIRE DES CRISTAUX, CRISTAUX AINSI OBTENUS ET LEUR UTILISATION DANS DES FORMULATIONS PHARMACEUTIQUES**
[72] GRAWE, DETLEF, DE
[72] MULLER, UWE, DE
[72] GERECKE, HAGEN, DE
[72] GLIESING, SABINE, DE
[72] HOSEL, PETER, DE
[72] EICHARDT, ANNETTE, DE
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2004-09-20
[86] 2003-04-22 (PCT/EP2003/005102)
[87] 2003-11-06 (WO2003/090714)
[30] DE (102 18 109.8) 2002-04-23

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[13] A1

[51] **Int.Cl. 7A61K 31/56 7A61P 13/08 7A61K 31/18**
[25] EN
[54] **PHARMACEUTICAL COMBINATION FOR THE TREATMENT OF BENIGN PROSTATIC HYPERPLASIA OR FOR THE LONG-TERM PREVENTION OF ACUTE URINARY RETENTION**
[54] **COMBINAISON PHARMACEUTIQUE POUR LE TRAITEMENT DE L'HYPERPLASIE PROSTATIQUE BENIGNE OU POUR LA PREVENTION A LONG TERME DE LA RETENTION URINAIRE AIGUE**
[72] MEHLBURGER, LUDWIG, DE
[72] BAIKER, WOLFGANG, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2004-09-20
[86] 2003-04-17 (PCT/EP2003/004034)
[87] 2003-11-06 (WO2003/090753)
[30] DE (102 18 392.9) 2002-04-24
[30] DE (102 18 611.1) 2002-04-25

[21] **2,479,994**
[13] A1

[51] **Int.Cl. 7C08L 23/16 7C08L 23/08 7C08L 23/10 7C08L 23/12 7C08L 23/14**
[25] EN
[54] **HIGHLY FILLED SOFT POLYOLEFIN COMPOSITIONS**
[54] **COMPOSITIONS DE POLYOLEFINE TENDRE AVEC FORTE CHARGE**
[72] GOBERTI, PAOLO, IT
[72] ZUCHELLI, UGO, IT
[72] CREDALI, UMBERTO, IT
[71] BASELL POLIOLEFINE ITALIA S.P.A., IT
[85] 2004-09-20
[86] 2003-08-28 (PCT/EP2003/009582)
[87] 2004-04-01 (WO2004/026957)
[30] EP (02078918.6) 2002-09-17
[30] US (60/413,689) 2002-09-26

[21] **2,479,996**
[13] A1

[51] **Int.Cl. 7C12N 15/86 7A61K 48/00**
[25] EN
[54] **COMPOSITIONS FOR DELIVERING ENZYMS INVOLVED IN AMINO ACID METABOLISM USING RECOMBINANT ADEMO-ASSOCIATED VIRUS VIRONS (RAAV VIRONS), AND METHOD AND USE FOR TREATING AMINO ACID METABOLIC DISORDERS USING SUCH RAAV VIRONS**
[54] **COMPOSITIONS POUR L'APPORT D'ENZYMES INTERVENANT DANS LE METABOLISME DES ACIDES AMINES AU MOYEN DE VIRIONS DE VIRUS ADEMO-ASSOCIE RECOMBINES (VIRIONS RAAV), ET PROCEDE ET UTILISATION DE TELS VIRIONS RAAV POUR TRAITER DES TROUBLES DU METABOLISME DES ACIDES AMINES**
[72] OZAWA, KEIYA, JP
[72] KUME, AKIHIRO, JP
[72] MIZUKAMI, HIROAKI, JP
[71] OZAWA, KEIYA, JP
[71] KUME, AKIHIRO, JP
[71] MIZUKAMI, HIROAKI, JP
[85] 2004-09-20
[86] 2003-04-16 (PCT/JP2003/004856)
[87] 2003-10-23 (WO2003/087383)
[30] US (10/124,749) 2002-04-16

[21] **2,479,998**
[13] A1

[51] **Int.Cl. 7G03G 9/08 7G03G 9/087**
[25] EN
[54] **CHEMICALLY PRODUCED TONER AND PROCESS THEREFOR**
[54] **TONER FABRIQUE CHIMIQUEMENT ET PROCEDE CORRESPONDANT**
[72] EDWARDS, MARTIN RUSSELL, GB
[72] MORRIS, DANIEL PATRICK, GB
[71] AVECIA LIMITED, GB
[85] 2004-09-20
[86] 2003-04-08 (PCT/GB2003/001520)
[87] 2003-10-23 (WO2003/087949)
[30] GB (0208204.8) 2002-04-10
[30] GB (0221090.4) 2002-09-11

[21] **2,480,000**
[13] A1

[51] **Int.Cl. 7E21B 43/10 7E21B 17/18**
[25] EN
[54] **BORE-LINING TUBING**
[54] **COLONNE DE TUBAGE POUR LE CHEMISAGE DE TROU DE FORAGE**
[72] DUGGAN, ANDREW MICHAEL, GB
[71] WEATHERFORD/LAMB, INC., US
[85] 2004-09-20
[86] 2003-06-27 (PCT/GB2003/002754)
[87] 2004-01-08 (WO2004/003340)
[30] GB (0215107.4) 2002-06-29

[21] **2,480,001**
[13] A1

[51] **Int.Cl. 7C07D 213/70 7A61P 35/00 7A61P 3/04 7A61P 3/10 7A61K 31/4164 7A61K 31/4402 7A61K 31/695 7C07D 233/84**
[25] EN
[54] **CHAIN OLIGOLACTIC ACID THIOESTER**
[54] **THIOESTER D'ACIDE OLIGOLACTIQUE EN CHAINE**
[72] WATANABE, MIKIO, JP
[72] MURAKAMI, MASAHIRO, JP
[71] AMATO PHARMACEUTICAL PRODUCTS, LTD., JP
[85] 2004-09-20
[86] 2003-02-18 (PCT/JP2003/001696)
[87] 2003-09-18 (WO2003/076404)
[30] JP (2002-42008) 2002-02-19

[21] **2,480,002**
[13] A1

[51] **Int.Cl. 7C07C 271/22 7C07C 269/06 7C07D 309/12 7C07D 213/70**
[25] EN
[54] **LACTIC ACID DERIVATIVE**
[54] **DERIVE DE L'ACIDE LACTIQUE**
[72] WATANABE, MIKIO, JP
[72] MURAKAMI, MASAHIRO, JP
[71] AMATO PHARMACEUTICAL PRODUCTS, LTD., JP
[85] 2004-09-20
[86] 2003-02-18 (PCT/JP2003/001698)
[87] 2003-08-28 (WO2003/070693)
[30] JP (2002-42010) 2002-02-19

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[21] **2,480,003**
[13] A1

[51] **Int.Cl. 7B01D 9/00**
[25] EN
[54] **METHODS FOR CONTROLLING CRYSTALLIZATION, STRUCTURES AND PHASES IN MATERIALS AND SYSTEMS**
[54] **PROCEDE DE CONTROLE DE LA CROISSANCE DE CRISTAUX, DE LA CRISTALLISATION, DES STRUCTURES ET DES PHASES DANS LES MATERIAUX ET SYSTEMES**
[72] BROOKS, JULIANA H. J., US
[72] MORTENSON, MARK G., US
[72] BLUM, BENTLEY J., US
[71] BERKSHIRE LABORATORIES, INC., US
[85] 2004-09-20
[86] 2003-03-21 (PCT/US2003/008904)
[87] 2003-10-30 (WO2003/089692)
[30] US (60/366,755) 2002-03-21
[30] US (60/403,225) 2002-08-13
[30] US (60/403,251) 2002-08-13
[30] US (60/439,223) 2003-01-10

[21] **2,480,004**
[13] A1

[51] **Int.Cl. 7C07J 1/00**
[25] EN
[54] **PROCESS FOR PRODUCTION OF STEROID CRYSTALS, CRYSTALS OBTAINED THEREBY AND THEIR USE IN PHARACEUTICAL PREPARATIONS**
[54] **PROCEDE DE PRODUCTION DE CRISTAUX DE STEROIDES, CRISTAUX OBTENUS SELON CE PROCEDE ET UTILISATION DE CES CRISTAUX DANS DES FORMULATIONS PHARMACEUTIQUES**
[72] MULLER, UWE, DE
[72] GLIESING, SABINE, DE
[72] EICHARDT, ANNETTE, DE
[72] GRAWE, DETLEF, DE
[72] GERECKE, HAGEN, DE
[72] HOSEL, PETER, DE
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2004-09-20
[86] 2003-04-22 (PCT/EP2003/004154)
[87] 2003-11-06 (WO2003/091272)
[30] DE (102 18 107.1) 2002-04-23

[21] **2,480,006**
[13] A1

[51] **Int.Cl. 7C07F 17/00 7C08F 10/00 7C07F 5/02**
[25] EN
[54] **AZABOROLYL GROUP 4 METAL COMPLEXES, CATALYSTS AND OLEFIN POLYMERIZATION PROCESS**
[54] **COMPLEXES METALLIQUES DU GROUPE 4 AZABOROLYL, CATALYSEURS, ET PROCESSUS DE POLYMERISATION D'OLEFINE**
[72] ASHE, ARTHUR J., III, US
[72] YANG, HONG, US
[72] TIMMERS, FRANCIS J., US
[71] DOW GLOBAL TECHNOLOGIES INC., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2004-09-20
[86] 2003-03-24 (PCT/US2003/009071)
[87] 2003-10-23 (WO2003/087114)
[30] US (60/372,462) 2002-04-12

[21] **2,480,008**
[13] A1

[51] **Int.Cl. 7A61K 38/00 7A61K 39/00 7C07K 1/00 7C07K 2/00 7C07K 4/00 7C07K 7/00 7C07K 14/00 7C07K 16/00 7C07K 17/00 7A01K 43/04 7A61K 31/70**
[25] EN
[54] **CANCER IMMUNOTHERAPY**
[54] **IMMUNOTHERAPIE DU CANCER**
[72] DEBINSKI, WALDEMAR, US
[72] CHRISTENSEN, NEIL, US
[72] MINTZ, AKIVA, US
[71] THE PENN STATE RESEARCH FOUNDATION, US
[85] 2004-09-20
[86] 2002-03-22 (PCT/US2002/008983)
[87] 2003-11-13 (WO2003/092717)

[21] **2,480,009**
[13] A1

[51] **Int.Cl. 7A47K 3/022**
[25] EN
[54] **BATH APPARATUS WITH THERAPY CENTERS**
[54] **APPAREIL DE BAIN A CUVETTES DE THERAPIE**
[72] TO, ALEX WONG CHI, HK
[72] KAUFMAN, ALON D., US
[71] HOMEDICS, INC., US
[85] 2004-09-20
[86] 2003-03-28 (PCT/US2003/009844)
[87] 2003-10-30 (WO2003/088799)
[30] US (10/126,246) 2002-04-19

[21] **2,480,010**
[13] A1

[51] **Int.Cl. 7B30B 3/00**
[25] EN
[54] **ROLL WITH STRESS AND/OR TEMPERATURE-INDICATING COVER**
[54] **CYLINDRE AVEC ENVELOPPE INDICATRICE DE CONTRAINTE ET DE TEMPERATURE**
[72] LUTZ, ANDREAS, DE
[71] STOWE WOODWARD, LLC., US
[85] 2004-09-20
[86] 2003-04-17 (PCT/US2003/011953)
[87] 2003-10-30 (WO2003/089227)
[30] US (60/373,568) 2002-04-18
[30] DE (10312464.0) 2003-03-20

[21] **2,480,011**
[13] A1

[51] **Int.Cl. 7A61K 38/00 7A61K 39/00 7A61K 45/00 7A01N 43/04 7A61K 9/127 7A61K 39/35 7A61K 39/36**
[25] EN
[54] **DENTRITIC CELL NODES**
[54] **GANGLIONS A CELLULES DENDRITIQUES**
[72] CHEN, LAN BO, US
[72] HACOEN, NIR, US
[72] IRVINE, DARRELL, US
[72] HUANG, QIAN, US
[72] HIGBEE, RUSSELL G., US
[72] WARREN, WILLIAM L., US
[72] KACHURIN, ANATOLY, US
[71] SCIPERIO, INC., US
[85] 2004-09-20
[86] 2003-03-18 (PCT/US2003/008330)
[87] 2003-12-04 (WO2003/100034)
[30] US (60/365,324) 2002-03-18

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[13] A1

[51] **Int.Cl. 7C12N 15/00 7C12N 5/06 7C12N 15/63**
[25] EN
[54] **CHIMERIC BIRD FROM EMBRYONIC STEM CELLS**
[54] **OISEAU CHIMERIQUE FORME A PARTIR DE CELLULES SOUCHES EMBRYONNAIRES**
[72] MATHER, CHRISTINE, US
[72] DIAMOND, JENNIFER, US
[72] HEYER, BABETTE, US
[72] BEEMER, KATHLEEN, US
[72] MYERS, HEATHER, US
[72] ETCHES, ROBERT J., US
[72] VAN DE LAVOIR, MARIE-CECILE, US
[71] ORIGEN THERAPEUTICS, US
[85] 2004-09-20
[86] 2003-02-03 (PCT/US2003/003235)
[87] 2003-08-07 (WO2003/064627)
[30] US (10/067,148) 2002-02-01

[21] **2,480,013**
[13] A1

[51] **Int.Cl. 7B61L 11/08**
[25] EN
[54] **RAILROAD TRACKWORK SWITCH POINT POSITION STATUS INDICATOR**
[54] **INDICATEUR DE POSITION D'AIGUILLAGE DE CHEMIN DE FER**
[72] TAYLOR, PHILIP A., US
[71] TAYLOR, PHILIP A., US
[85] 2004-09-20
[86] 2003-05-29 (PCT/US2003/016783)
[87] 2004-01-29 (WO2004/010244)
[30] US (10/199,282) 2002-07-19

[21] **2,480,014**
[13] A1

[51] **Int.Cl. 7A41C 3/00**
[25] EN
[54] **UNDERCUP INSERT MEMBER**
[54] **PIECE RAPPORTEE DE TYPE BALEINE**
[72] GILL, KANWALJIT SINGH, GB
[71] BG TECHNOLOGIES UK LIMITED, GB
[85] 2004-09-21
[86] 2003-03-20 (PCT/GB2003/001338)
[87] 2003-10-02 (WO2003/079831)
[30] GB (0206816.1) 2002-03-22
[30] GB (0229330.6) 2002-12-17

[21] **2,480,015**
[13] A1

[51] **Int.Cl. 7F41A 19/48 7F41A 19/45**
[25] EN
[54] **TRIGGER MECHANISM FOR SMALL ARMS**
[54] **SYSTEME DE DETENTE POUR ARMES A FEU DE POING**
[72] THOMELE, ADRIAN, DE
[71] S.A.T. SWISS ARMS TECHNOLOGY AG, CH
[85] 2004-09-21
[86] 2003-12-19 (PCT/EP2003/014586)
[87] 2004-08-26 (WO2004/072571)
[30] DE (103 05 682.3) 2003-02-12

[21] **2,480,019**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **BIOPROSTHESIS AND METHOD FOR SUTURELESSLY MAKING SAME**
[54] **BIOPROTHESE ET PROCEDE DE PRODUCTION SANS SUTURE DE CELLE-CI**
[72] BUCKLEY, LISA A., US
[72] XIE, HUA, US
[71] PROVIDENCE HEALTH SYSTEM- OREGON, US
[85] 2004-09-21
[86] 2003-03-21 (PCT/US2003/008903)
[87] 2003-10-02 (WO2003/079928)
[30] US (10/104,499) 2002-03-21

[21] **2,480,021**
[13] A1

[51] **Int.Cl. 7A61B 17/08**
[25] EN
[54] **PATENT FORAMEN OVALE (PFO) CLOSURE CLIPS**
[54] **PINCES DE FERMETURE DE FORAMEN OVALE PERSISTANT (PFO)**
[72] PEAVEY, TODD A., US
[72] CALLAGHAN, DAVID J., US
[72] CHANDUSZKO, ANDRZEJ J., US
[72] FORDE, SEAN T., US
[71] NMT MEDICAL, INC., US
[85] 2004-09-21
[86] 2003-03-25 (PCT/US2003/009051)
[87] 2003-10-09 (WO2003/082076)
[30] US (60/366,534) 2002-03-25

[21] **2,480,028**
[13] A1

[51] **Int.Cl. 7A23K 1/18**
[25] EN
[54] **FEED PELLETS AND A METHOD FOR MANUFACTURE OF SAID PELLETS**
[54] **GRANULES D'ALIMENTS POUR ANIMAUX ET PROCEDE DE PRODUCTION DESDITS GRANULES**
[72] RIMESTAD, TERJE, NO
[72] JENSEN, TORBEN DUEDAL, DK
[72] HJERMITSLEV, NIELS HARTHOJ, DK
[71] BIOMAR GROUP, DK
[85] 2004-09-21
[86] 2002-03-22 (PCT/NO2002/000121)
[87] 2003-10-02 (WO2003/079809)

[21] **2,480,023**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **SUTURELESS BIOPROSTHETIC STENT AND METHOD AND DEVICE FOR MANUFACTURING SAME**
[54] **BIOPROTHESE ENDOVASCULAIRE SANS SUTURE ET PROCEDE ET DISPOSITIF DE FABRICATION DE CELLE-CI**
[72] BUCKLEY, LISA A., US
[72] XIE, HUA, US
[71] PROVIDENCE HEALTH SYSTEM- OREGON, US
[85] 2004-09-21
[86] 2003-03-21 (PCT/US2003/008966)
[87] 2003-10-02 (WO2003/079929)
[30] US (10/104,391) 2002-03-21

[21] **2,480,027**
[13] A1

[51] **Int.Cl. 7A01K 1/12**
[25] EN
[54] **METHOD FOR OPERATING A MILKING FACILITY, IN ADDITION TO CORRESPONDING MILKING FACILITY**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DE TRAITE ET DISPOSITIF DE TRAITE**
[72] KAEVER, PETER, DE
[72] HOLSCHER, FRANK, DE
[72] SCHONROCK, KARSTEN, DE
[71] WESTFALIASURGE GMBH, DE
[85] 2004-09-21
[86] 2003-03-20 (PCT/EP2003/002936)
[87] 2003-10-02 (WO2003/079772)
[30] DE (102 12 676.3) 2002-03-22

[21] **2,480,028**
[13] A1

[51] **Int.Cl. 7A23K 1/18**
[25] EN
[54] **FEED PELLETS AND A METHOD FOR MANUFACTURE OF SAID PELLETS**
[54] **GRANULES D'ALIMENTS POUR ANIMAUX ET PROCEDE DE PRODUCTION DESDITS GRANULES**
[72] RIMESTAD, TERJE, NO
[72] JENSEN, TORBEN DUEDAL, DK
[72] HJERMITSLEV, NIELS HARTHOJ, DK
[71] BIOMAR GROUP, DK
[85] 2004-09-21
[86] 2002-03-22 (PCT/NO2002/000121)
[87] 2003-10-02 (WO2003/079809)

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[21] **2,480,029**
[13] A1
[51] **Int.Cl. 7A61F 13/49**
[25] EN
[54] **UNDERPANTS TYPE DISPOSABLE DIAPER**
[54] **COUCHE JETABLE DE TYPE CULOTTE**
[72] TAKINO, SHUNSUKE, JP
[72] OTSUBO, TOSHIFUMI, JP
[71] UNI-CHARM CO., LTD., JP
[85] 2004-09-21
[86] 2003-03-13 (PCT/JP2003/003017)
[87] 2003-10-02 (WO2003/079950)
[30] JP (2002-083560) 2002-03-25

[21] **2,480,030**
[13] A1
[51] **Int.Cl. 7A61J 17/00**
[25] EN
[54] **PACIFIER**
[54] **TETINE**
[72] STRUCKMEIER, ARMIN, DE
[72] BROCKHAUS, ROLF, DE
[72] HINZ, ROLF, DE
[72] STRUCKMEIER, HANS, DE
[71] NOVATEX GMBH, DE
[85] 2004-09-21
[86] 2003-03-24 (PCT/EP2003/003061)
[87] 2003-10-02 (WO2003/079960)
[30] DE (102 12 847.2) 2002-03-22
[30] DE (102 27 787.7) 2002-06-21

[21] **2,480,031**
[13] A1
[51] **Int.Cl. 7A23G 3/00 7A23L 1/09 7A23L 1/236**
[25] EN
[54] **USE OF TAGATOSE IN LAXATIVES**
[54] **UTILISATION DE TAGATOSE DANS DES LAXATIFS**
[72] LEVIN, GILBERT, US
[71] SPHERIX INCORPORATED, US
[85] 2004-09-21
[86] 2003-03-20 (PCT/US2003/008445)
[87] 2003-10-02 (WO2003/079988)
[30] US (60/365,793) 2002-03-21

[21] **2,480,032**
[13] A1
[51] **Int.Cl. 7A61K 31/155 7A61P 11/00 7A61P 11/06 7A61P 11/14**
[25] EN
[54] **USE OF LTB4 ANTAGONISTS IN VETERINARY MEDICINE**
[54] **UTILISATION D'ANTAGONISTES DE LTB4 DANS LA MEDECINE ANIMALE**
[72] BIRKE, FRANZ, DE
[72] MATZEK, KANDACE, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2004-09-21
[86] 2003-03-24 (PCT/EP2003/003021)
[87] 2003-10-02 (WO2003/080037)
[30] DE (102 13 350.6) 2002-03-26

[21] **2,480,033**
[13] A1
[51] **Int.Cl. 7A61K 31/195 7A61K 31/497**
[25] EN
[54] **IN VIVO USE OF GLUTATHIONONE S-TRANSFERASE ACTIVATED NITRIC OXIDE DONORS**
[54] **UTILISATION IN VIVO DE DONNEURS D'OXYDE NITRIQUE ACTIVES PAR LA GLUTATHION S-TRANSFERASE**
[72] SHAMI, PAUL, US
[71] THE UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2004-09-21
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[87] 2003-10-02 (WO2003/080039)
[30] US (60/366,221) 2002-03-21

[21] **2,480,034**
[13] A1
[51] **Int.Cl. 7A61K 38/19 7A61K 39/00 7C07K 16/28 7C07K 16/30 7A61K 39/395 7C07K 14/52**
[25] EN
[54] **ANTIBODY FUSION PROTEINS: EFFECTIVE ADJUVANTS OF PROTEIN VACCINATION**
[54] **PROTEINES DE FUSION D'ANTICORPS UTILISEES EN TANT QU'ADJUVANTS EFFICACES DE VACCINATION PAR PROTEINES**
[72] PENICHERET, MANUEL L., US
[72] MORRISON, SHERIE L., US
[72] PENG, LISAN, US
[72] DELA CRUZ, JAY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2004-09-21
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[87] 2003-10-02 (WO2003/080106)
[30] US (60/366,917) 2002-03-21
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[13] A1
[51] **Int.Cl. 7A61M 15/00 7G06M 3/02**
[25] EN
[54] **INDICATING DEVICE FOR AEROSOL CONTAINER**
[54] **DISPOSITIF D'INDICATION POUR CONTENANT D'AEROSOL**
[72] SCARROTT, PETER MYKOLA, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[85] 2004-09-21
[86] 2003-03-20 (PCT/IB2003/001032)
[87] 2003-10-02 (WO2003/080162)
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[13] A1
[51] **Int.Cl. 7B32B 15/08 7B29C 33/00 7E04C 2/292 7E04C 2/296 7B32B 27/40**
[25] EN
[54] **COMPOSITE ELEMENTS**
[54] **ELEMENTS COMPOSITES**
[72] MERTES, JUERGEN, DE
[72] STADLER, EDMUND, DE
[72] DROEGE, THOMAS, DE
[72] KNOBLAUCH, GEORG, DE
[72] BOOS, JUERGEN, DE
[72] LUENNE, STEFANIE, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
[85] 2004-09-21
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[87] 2003-10-02 (WO2003/080330)
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[25] EN
[54] **REMOVER FOR HEAVY METALS**
CONTAINED IN WATER
[54] **EXTRACTEUR DE METAUX**
LOURDS CONTENUS DANS L'EAU
[72] MOURI, MOTOYA, JP
[72] YANAGI, JUICHI, JP
[71] JAPAN ENVIROCHEMICALS, LTD.,
JP
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[86] 2003-03-19 (PCT/JP2003/003400)
[87] 2003-10-02 (WO2003/080518)
[30] JP (2002-080577) 2002-03-22

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[25] EN
[54] **SUBSTITUTED 4-**
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[54] **4-AMINOCYCLOHEXANOLS**
SUBSTITUES
[72] SUNDERMANN, BERND, DE
[72] ENGLBERGER, WERNER, DE
[72] KOEGEL, BABELLE-YVONNE, DE
[72] HENNIES, HAGEN-HEINRICH, DE
[71] GRUNENTHAL GMBH, DE
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[25] EN
[54] **SPIRO DERIVATIVES AND**
ADHESION MOLECULE INHIBITORS
COMPRISED THE SAME AS ACTIVE
INGREDIENT
[54] **DERIVES SPIRO ET INHIBITEURS**
DE MOLECULES D'ADHESION LES
CONTENANT EN TANT QUE PRINCIPE
ACTIF
[72] KAINOH, MIE, JP
[72] ISHIGAKI, TAKESHI, JP
[72] TANIGUCHI, KOJI, JP
[72] ISHIZAKA, YOKO, JP
[72] MEGURO, HIROYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
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[30] JP (2002-80697) 2002-03-22

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[13] A1

[51] **Int.Cl. 7A61F 13/58**
[25] EN
[54] **DISPOSABLE PULL-ON DIAPER**
AND PROCESS FOR MAKING THE
SAME
[54] **COUCHE-CULOTTE JETABLE ET**
SON PROCEDE DE PRODUCTION
[72] SHIMOE, NARIAKI, JP
[72] SAITO, KYOTA, JP
[72] ITO, KYOKO, JP
[71] UNI-CHARM CO., LTD., JP
[85] 2004-09-21
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[21] **2,480,044**
[13] A1

[51] **Int.Cl. 7A61F 2/24**
[25] EN
[54] **SEQUENTIAL HEART VALVE**
LEAFLET REPAIR DEVICE AND
METHOD OF USE
[54] **DISPOSITIF DE REPARATION DE**
FEUILLET DE VALVULE CARDIAQUE
A ACTION SEQUENTIELLE ET
PROCEDE D'UTILISATION DE CE
DERNIER
[72] SCHRECK, STEFAN, US
[71] EDWARDS LIFESCIENCES
CORPORATION, US
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[30] US (10/106,583) 2002-03-26

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[13] A1

[51] **Int.Cl. 7C07K 14/00 7C07K 17/00**
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[54] **NOVEL POLYPEPTIDE**
SCAFFOLDS AND USE THEREOF
[54] **NOUVEAU ECHAFAUDAGES**
POLYPEPTIDIQUES ET LEUR
UTILISATION
[72] LUNDSTROEM, INGEMAR, SE
[72] LIEDBERG, BO, SE
[72] BALTZER, LARS, SE
[72] DOLPHIN, GUNNAR, SE
[71] BALTZER, LARS, SE
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[30] SE (0200968-6) 2002-03-26

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[54] **TENASCIN-W COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS A BASE DE TENASCINE-W ET LEURS UTILISATIONS**
[72] SCHERBERICH, ARNAUD, FR
[72] CHIQUET-EHRISMANN, RUTH, CH
[71] NOVARTIS FORSCHUNGSSTIFTUNG, ZWEIGNIEDERLASSUNG FRIEDRICH MIESCHER INSTI TUTE FOR BIOMEDICAL RESEARCH, CH
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[86] 2003-03-26 (PCT/EP2003/003150)
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[13] A1

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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING RESPIRATORY DISEASE**
[54] **COMPOSITION PHARMACEUTIQUE PERMETTANT D'EMPECHER OU DE TRAITER LES MALADIES RESPIRATOIRES**
[72] KAWABE, YOSHIKI, JP
[72] CYN Shi, OSAMU, JP
[72] TAKASHIMA, YOSHIKI, JP
[72] EFTHIMIOU, JOHN, GB
[72] SAKAI, MIKIO, JP
[72] KOMORI, TOSHIHIKO, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2004-09-21
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[87] 2003-10-09 (WO2003/082264)
[30] JP (2002/95493) 2002-03-29

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[13] A1

[51] **Int.Cl. 7G09G 5/00**
[25] EN
[54] **SYMBOL ENCODING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE CODAGE DE SYMBOLES**
[72] RAJKOWSKI, JANUSZ W., US
[71] RAJKOWSKI, JANUSZ W., US
[85] 2004-09-21
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[87] 2003-10-23 (WO2003/088202)
[30] US (60/370,278) 2002-04-06

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[13] A1

[51] **Int.Cl. 7E04G 21/12 7E01D 1/00**
[25] EN
[54] **WORK METHOD FOR FILLING GROUT INTO INNER CABLE OF POST TENSION SYSTEM PC STRUCTURE**
[54] **PROCEDE DE REMPLISSAGE DE COULIS DE CIMENT DANS DES CABLES INTERIEURS DANS UNE STRUCTURE PRECONTRAINTE DE SYSTEME DE TENSION DE POTEAUX**
[72] NARUI, SHIN, JP
[72] KUMAMOTO, YUSUKE, JP
[72] KADOTANI, TSUTOMU, JP
[72] MIYAUCHI, HIDETOSHI, JP
[72] MUGURUMA, HIROSHI, JP
[72] NISHIDA, YOSHITAKA, JP
[72] SHIMIZU, MOTOO, JP
[71] ANDERSON TECHNOLOGY CORPORATION, JP
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[13] A1

[51] **Int.Cl. 7C07K 16/28 7C12N 5/20 7A61K 39/395**
[25] EN
[54] **MONOCLONAL ANTIBODY AGAINST INTERLEUKIN-13 RECEPTOR ALPHA 1 (IL-13R.ALPHA.1)**
[54] **ANTICORPS MONOCLONAL CONTRE LE RECEPTEUR ALPHA1 DE L'INTERLEUKINE 13 (IL-13RA1)**
[72] BACA, MANUEL, AU
[72] NASH, ANDREW DONALD, AU
[72] DUNLOP, FELICITY MEREDITH, AU
[72] FABRI, LOUIS JERRY, AU
[72] HILTON, DOUGLAS JAMES, AU
[72] NICOLA, NICOS A., AU
[71] AMRAD OPERATIONS PTY. LTD., AU
[85] 2004-09-21
[86] 2003-03-21 (PCT/AU2003/000352)
[87] 2003-10-02 (WO2003/080675)
[30] AU (PS 1301) 2002-03-22
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[21] **2,480,061**
[13] A1

[51] **Int.Cl. 7C08G 81/02 7C04B 24/26**
[25] EN
[54] **POLYMERS IN A SOLID STATE**
[54] **POLYMERES A L'ETAT SOLIDE**
[72] MAEDER, URS, CH
[72] VELTEN, ULF, CH
[72] SULSER, UELI, CH
[72] SCHOBER, IRENE, CH
[71] SIKA SCHWEIZ AG, CH
[85] 2004-09-21
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[87] 2003-10-02 (WO2003/080714)
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[51] **Int.Cl. 7C09D 175/06 7C09D 151/00 7C08J 3/00 7C08J 3/03 7C09D 175/04 7C08F 265/04 7C08L 75/04 7C08F 265/06 7C08G 18/08 7C08G 18/12 7C08G 18/40 7C08G 18/42 7C08G 18/44 7C08G 18/46 7C04B 41/48 7C08G 63/48 7C08G 18/58 7C08G 18/62 7C08G 18/66 7C08G 63/668 7C08G 18/70 7C08G 18/71 7C08G 18/76 7C08G 18/78**

[25] EN

[54] **AQUEOUS TWO-COMPONENT POLYURETHANE SYSTEMS**

[54] **SYSTEMES PUR A DEUX COMPOSANTES AQUEUX**

[72] PROBST, JOACHIM, DE

[72] STINGL, THOMAS, DE

[72] RUTTMANN, GERHARD, DE

[72] MELCHORS, MARTIN, DE

[72] OTTENSCHMANN, HARTMUT, DE

[71] BAYER MATERIALSCIENCE AG, DE

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[86] 2003-03-12 (PCT/EP2003/002531)

[87] 2003-10-02 (WO2003/080752)

[30] DE (102 13 229.1) 2002-03-25

[21] **2,480,063**
[13] A1

[51] **Int.Cl. 7D06L 1/12 7B65D 1/00 7B08B 3/04 7C11D 17/04**

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[54] **CLEANING METHOD**

[54] **PROCEDE DE NETTOYAGE**

[72] CORRADINI, FABIO, IT

[72] KOSUB, MIKE, IT

[71] RECKITT BENCKISER N.V., NL

[85] 2004-09-21

[86] 2003-02-07 (PCT/GB2003/000546)

[87] 2003-10-02 (WO2003/080918)

[30] GB (0206724.7) 2002-03-22

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[13] A1

[51] **Int.Cl. 7G11B 7/00 7G11B 11/00**

[25] EN

[54] **METHOD FOR MANAGING DEFECTIVE AREA ON WRITE-ONCE OPTICAL RECORDING MEDIUM, AND OPTICAL RECORDING MEDIUM USING THE SAME**

[54] **PROCEDE DE GESTION D'UNE ZONE DEFECTUEUSE SUR UN SUPPORT D'ENREGISTREMENT OPTIQUE A ECRITURE UNIQUE ET SUPPORT D'ENREGISTREMENT OPTIQUE L'UTILISANT**

[72] KIM, SUNG DAE, KR

[72] PARK, YONG CHEOL, KR

[71] LG ELECTRONICS INC., KR

[85] 2004-09-21

[86] 2003-09-26 (PCT/KR2003/001975)

[87] 2004-04-08 (WO2004/029940)

[30] KR (10-2002-0058516) 2002-09-26

[30] KR (10-2003-0001857) 2003-01-11

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[13] A1

[51] **Int.Cl. 7A61K 47/10**

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[54] **INJECTABLE VETERINARY COMPOSITION FOR SMALL ANIMALS**

[54] **COMPOSITION VETERINAIRE INJECTABLE DESTINEE A DE PETITS ANIMAUX**

[72] CROMIE, LILLIAN, GB

[72] DUFFY, SEAN, GB

[72] BLAKELY, WILLIAM, GB

[71] NORBROOK LABORATORIES LIMITED, GB

[85] 2004-09-21

[86] 2003-03-31 (PCT/GB2003/001404)

[87] 2003-10-09 (WO2003/082340)

[30] GB (0207529.9) 2002-04-02

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[13] A1

[51] **Int.Cl. 7B62D 21/00 7B62D 27/02**

[25] EN

[54] **FRAME ASSEMBLY FOR A MOTOR VEHICLE AND PROTECTIVE MEMBER THEREFOR**

[54] **ENSEMBLE CHASSIS POUR VEHICULE AUTOMOBILE ET ELEMENT PROTECTEUR AFFERENT**

[72] ASHLEY, RICHARD, US

[72] PERRY, WILLIAM, US

[72] HORTON, FRANK A., US

[72] AGGARWAL, ASHWANI, US

[72] GABBIANELLI, GIANFRANCO, US

[72] KAMINSKI, ROBERT M., US

[72] BARBER, MARK W., CA

[72] DICESARE, JOHN, CA

[71] MAGNA INTERNATIONAL INC., CA

[85] 2004-09-21

[86] 2003-03-07 (PCT/US2003/007321)

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[30] US (10/091,600) 2002-03-07

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[13] A1

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[54] **ROD PERSUADER**

[54] **OUTIL A CONTRAINDRE LES TIGES**

[72] CROZET, YVES, US

[72] MARKWORTH, AARON, US

[71] STRYKER SPINE, FR

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[86] 2003-04-16 (PCT/US2003/011685)

[87] 2003-10-30 (WO2003/088856)

[30] US (10/124,170) 2002-04-17

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[13] A1

[51] **Int.Cl. 7E06B 9/322 7E06B 9/60 7E06B 9/90**

[25] EN

[54] **ONE WAY BRAKE FOR A CORDLESS BLIND**

[54] **FREIN UNIDIRECTIONNEL POUR STORE SANS CORDON**

[72] PALMER, ROGER C., US

[72] CIUCA, ZAZU, US

[71] NEWELL WINDOW FURNISHINGS, INC., US

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[13] A1

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[25] EN
[54] **A MARKING APPARATUS FOR NUCLEIC ACID MARKING OF ITEMS**
[54] **APPAREIL POUR LE MARQUAGE A L'ACIDE NUCLEIQUE D'ARTICLES**
[72] SLEAT, ROBERT, GB
[72] LINT, GREG VAN, BE
[71] TRACE TAG INTERNATIONAL LTD, GB
[71] 3SI SECURITY SYSTEMS, INC., US
[85] 2004-09-21
[86] 2003-03-21 (PCT/GB2003/001199)
[87] 2003-10-02 (WO2003/080931)
[30] GB (0206820.3) 2002-03-22

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[13] A1

[51] **Int.Cl. 7E21B 43/04 7E21B 23/02**
[25] EN
[54] **METHOD AND APPLICATION FOR OPEN HOLE GRAVEL PACKING**
[54] **PROCEDE ET APPLICATION DE GRAVILLONNAGE DES CREPINES DE TROU NON SONDE**
[72] BAYNE, CHRISTIAN F., US
[72] HILL, LEO E., JR., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2004-09-21
[86] 2003-03-20 (PCT/US2003/008661)
[87] 2003-10-02 (WO2003/080993)
[30] US (10/102,983) 2002-03-21

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[13] A1

[51] **Int.Cl. 7A61M 5/175**
[25] EN
[54] **MULTI-STAGE FLUID DELIVERY DEVICE AND METHOD**
[54] **DISPOSITIF DE DISTRIBUTION DE FLUIDE A PLUSIEURS ECHELONS ET PROCEDE ASSOCIE**
[72] FENTRESS, JAMES, US
[72] POWELL, KENNETH, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2004-09-21
[86] 2003-03-26 (PCT/US2003/009021)
[87] 2003-10-09 (WO2003/082371)
[30] US (60/367,213) 2002-03-26

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[13] A1

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[54] **INTERPOLATION FOR USE IN CHANNEL ESTIMATION**
[54] **INTERPOLATION DANS L'ESTIMATION DE CANAL**
[72] ETTORRE, DONATO, IT
[72] VALLE, STEFANO, IT
[72] SIMONI, LORENA, IT
[72] RUSCITTO, ALFREDO, IT
[72] GRAZIANO, MAURIZIO, IT
[72] MELIS, BRUNO, IT
[72] FINOTELLO, ANDREAS, IT
[71] TELECOM ITALIA S.P.A., IT
[85] 2004-09-21
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[87] 2003-10-02 (WO2003/081862)
[30] EP (02425177.9) 2002-03-21

[21] **2,480,075**
[13] A1

[51] **Int.Cl. 7B01D 15/08**
[25] EN
[54] **A CHROMATOGRAPHY SYSTEM FOR AUTOMATICALLY SEPARATING DIFFERENT COMPOUNDS IN A SAMPLE**
[54] **SYSTEME CHROMATOGRAPHIQUE DE SEPARATION AUTOMATIQUE DE DIFFERENTS COMPOSES PRESENTS DANS UN ECHANTILLON**
[72] MICHEL, JONATHAN D., US
[72] ALBRECHT, ROBERT W., JR., US
[71] BIOTAGE, INC., US
[85] 2004-09-21
[86] 2003-03-20 (PCT/US2003/008699)
[87] 2003-10-09 (WO2003/082428)
[30] US (10/108,221) 2002-03-26

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[13] A1

[51] **Int.Cl. 7H04L 29/00 7G06F 15/16 7G06F 17/30**
[25] EN
[54] **APPARATUS AND METHOD FOR ADAPTIVE DATA TRANSMISSION**
[54] **SYSTEME ET PROCEDE DE TRANSMISSION ADAPTATIVE DE DONNEES**
[72] PARNES, PETER, SE
[71] MARRATECH AB, SE
[85] 2004-09-21
[86] 2003-03-24 (PCT/SE2003/000485)
[87] 2003-10-02 (WO2003/081872)
[30] SE (0200926-4) 2002-03-26

[21] **2,480,077**
[13] A1

[51] **Int.Cl. 7E21B 34/06 7E21B 34/10**
[25] EN
[54] **MULTI-POSITION SLIDING SLEEVE VALVE**
[54] **SOUPAPE A MANCHON DE TYPE COULISSANT A POSITIONS MULTIPLES**
[72] CARMODY, MICHAEL A., US
[72] GARAY, THOMAS W., US
[72] EDWARDS, JEFFRY S., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2004-09-22
[86] 2003-03-17 (PCT/US2003/008281)
[87] 2003-10-09 (WO2003/083256)
[30] US (10/106,087) 2002-03-26

[21] **2,480,083**
[13] A1

[51] **Int.Cl. 7F02M 57/00 7F02M 65/00 7F02B 77/04 7F02M 21/06 7F02M 53/06 7F02M 61/16 7F02M 31/18 7F02M 61/18**
[25] EN
[54] **FUEL INJECTOR FOR AN INTERNAL COMBUSTION ENGINE**
[54] **INJECTEUR DE MOTEUR A COMBUSTION INTERNE**
[72] SPRINKEL, FRANCIS MURPHY, US
[72] BARON, JOHN, US
[72] LINNA, JAN-ROGER, US
[72] MELLO, JOHN PAUL, US
[72] PALMER, PETER, US
[72] LOFTUS, PETER, US
[72] PELLIZZARI, ROBERTO O., US
[72] SPRAGUE, STUART BENNETT, US
[71] CHRYSALIS TECHNOLOGIES, INC., US
[85] 2004-09-22
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[51] **Int.Cl. 7F23C 5/08 7F23L 15/02**
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[54] **REACTOR COMBUSTION CONTROL METHOD AND REACTOR**
[54] **PROCEDE DE COMMANDE DE REACTEUR DE COMBUSTION ET REACTEUR**
[72] YOSHIOKA, TOSHIAKI, JP
[72] HASEGAWA, TOSHIAKI, JP
[72] HOZUMI, YOSHIKAZU, JP
[72] SHIOZAKI, TETSU, JP
[72] MOCHIDA, SUSUMU, JP
[72] MOHRI, TAKAAKI, JP
[71] CHIYODA CORPORATION, JP
[71] NIPPON FURNACE KOGYO KAISHA, LTD., JP
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[51] **Int.Cl. 7G05G 1/16**
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[54] **AUXILIARY BRAKE CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE FREINAGE AUXILIAIRE**
[72] FENG, ZHIDE, US
[71] FENG, ZHIDE, US
[85] 2004-09-21
[86] 2003-04-03 (PCT/US2003/010327)
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[51] **Int.Cl. 7G06F 17/60 7G07F 19/00**
[25] EN
[54] **PAYMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PAIEMENT**
[72] SAUER, HERMANN, DE
[71] ELECTRONIC DATA SYSTEMS CORPORATION, US
[85] 2004-09-21
[86] 2003-05-06 (PCT/US2003/014078)
[87] 2003-11-20 (WO2003/096251)
[30] US (10/140,403) 2002-05-06

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[51] **Int.Cl. 7C07D 498/04 7C07D 261/00 7C07D 311/00 7A61P 25/00 7C07D 498/14 7C07D 261/20 7A61K 31/424 7A61K 31/5383**
[25] EN
[54] **SUBSTITUTED AMINO ISOXAZOLINE DERIVATIVES AND THEIR USE AS ANTI-DEPRESSANTS.**
[54] **DERIVES D'AMINO ISOXAZOLINE SUBSTITUES ET UTILISATION DE CEUX-CI EN TANT QU'ANTIDEPRESSEURS**
[72] DE LUCAS OLIVARES, ANA ISABEL, ES
[72] BAKKER, MARGARETHA HENRICA MARIA, BE
[72] ALCAZAR-VACA, MANUEL JESUS, ES
[72] ANDRES-GIL, JOSE IGNACIO, ES
[71] JANSSEN PHARMACEUTICA, NV, BE
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[51] **Int.Cl. 7C03B 7/06 7C03B 7/096**
[25] EN
[54] **OXYGEN-FIRED FRONT END FOR GLASS FORMING OPERATION**
[54] **AVANT-CORPS CHAUFFE A L'OXYGENE POUR OPERATION DE FORMATION DE VERRE**
[72] TOTH, WILLIAM W., US
[72] JIAN, CHRISTOPHER Q., US
[72] ADAMS, HARRY P., US
[72] BAKER, DAVID J., US
[71] OWENS CORNING, US
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[51] **Int.Cl. 7C07D 311/94**
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[54] **PRODUCTION OF DIHYDRONEPETALACTONE BY HYDROGENATION OF NEPETALACTONE**
[54] **PRODUCTION DE DIHYDRONEPETALACTONE PAR HYDROGENATION DE NEPETALACTONE**
[72] MANZER, LEO E., US
[71] E.I. DU PONT DE NEMOURS, US
[85] 2004-09-21
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[51] **Int.Cl. 7C03B 15/00 7H01L 21/00 7C30B 29/26**
[25] EN
[54] **SPINEL SUBSTRATE AND HETEROEPITAXIAL GROWTH OF III-V MATERIALS THEREON**
[54] **SUBSTRAT DE SPINELLE ET CROISSANCE HETEROEPITAXIALE D'ELEMENTS DES GROUPES III-V SUR CELUI-CI**
[72] KOKTA, MILAN R., US
[72] ONG, HUNG T., US
[71] SAINT-GOBAIN CERAMICS AND PLASTICS, INC., US
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[87] 2003-10-16 (WO2003/084886)
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[51] **Int.Cl. 7C12N 5/02 7C07K 16/00**
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[54] **CELL CULTURE MEDIUM**
[54] **MILIEU DE CULTURE CELLULAIRE**
[72] WAYTE, JEREMY, GB
[72] MAINWARING, DAVID, GB
[71] LONZA BIOLOGICS PLC., GB
[85] 2004-09-21
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[54] **SPIROLACTONISATION C-17 ET OXYDATION 6,7 DE STEROIDES**
[72] CHOU, SHINE K., US
[72] MILLER, PAULA C., US
[72] POZZO, MARK J., US
[71] PHARMACIA CORPORATION, US
[85] 2004-09-21
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[87] 2003-10-09 (WO2003/082894)
[30] US (60/366,784) 2002-03-22
[30] US (60/411,874) 2002-09-19
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[25] EN
[54] **METHODS OF MANUFACTURING DERIVATIVES OF .BETA.-HYDROXYCARBOXYLIC ACIDS**
[54] **PROCEDES RELATIFS A L'ELABORATION DE DERIVES D'ACIDES .BETA.-HYDROXYCARBOXYLIQUES**
[72] MENG, XIANGSHENG, US
[72] ABRAHAM, TIMOTHY W., US
[72] TSOBANAKIS, PARASKEVAS, US
[71] CARGILL, INCORPORATED, US
[85] 2004-09-22
[86] 2003-03-25 (PCT/US2003/009095)
[87] 2003-10-09 (WO2003/082795)
[30] US (60/367,301) 2002-03-25

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[25] EN
[54] **SUPERABSORBENT WATER SENSITIVE MULTILAYER CONSTRUCTION**
[54] **CONSTRUCTION MULTICOUCHE SUPERABSORBANTE SENSIBLE A L'EAU**
[72] ANDERSON, STEWART C., US
[71] H.B. FULLER LICENSING & FINANCING, INC., US
[85] 2004-09-22
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[30] US (10/121,171) 2002-04-11

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[13] A1

[51] **Int.Cl. 7F25D 11/02 7F25D 23/06**
[25] EN
[54] **AUGMENTATIVE REFRIGERATOR COMPARTMENT**
[54] **COMPARTIMENT DE REFRIGERATEUR AUGMENTATIF**
[72] BRENNAN, RICHARD LEE, AU
[71] RECREATION R & D PTY LTD, AU
[85] 2004-09-22
[86] 2003-03-21 (PCT/AU2003/000341)
[87] 2003-10-02 (WO2003/081150)
[30] AU (PS1282) 2002-03-22

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[13] A1

[51] **Int.Cl. 7C04B 35/565 7C10M 103/00**
[25] EN
[54] **A COMPOSITE BODY OF SILICON CARBIDE AND BINDERLESS CARBON AND PROCESS FOR PRODUCING**
[54] **CORPS COMPOSITE CARBURE DE SILICIUM ET CARBONE SANS LIANT, PROCEDE PERMETTANT DE PRODUIRE UN TEL CORPS COMPOSITE ET ARTICLE MANUFACTURE POUR APPLICATIONS TRIBOLOGIQUES COMPRENANT UN TEL CORPS COMPOSITE**
[72] DEMENDI, JOSEPH F., US
[72] CLEMENS, WILLIAM R., US
[72] CHEN, XIN E., US
[71] JOHN CRANE INC., US
[85] 2004-09-22
[86] 2003-04-10 (PCT/US2003/011206)
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[13] A1

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[54] **FLEXIBLE COUPLINGS**
[54] **RACCORDS SOUPLES**
[72] HAUCK, ANTHONY LEE, US
[71] ATR SALES, INC., US
[85] 2004-09-22
[86] 2003-01-29 (PCT/US2003/002592)
[87] 2003-10-09 (WO2003/083320)
[30] US (10/107,285) 2002-03-26

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[13] A1

[51] **Int.Cl. 7C04B 38/00 7C04B 35/185 7C04B 35/64**
[25] EN
[54] **MULLITE BODIES AND METHODS OF FORMING MULLITE BODIES**
[54] **CORPS DE MULLITE ET PROCEDES DE FORMATION DE CORPS DE MULLITE**
[72] TODD, CLIFFORD S., US
[72] SAHA, CHANDAN K., US
[72] PRUNIER, ARTHUR R., JR., US
[72] PYZIK, ALEKSANDER J., US
[72] WALLIN, STEN A., US
[71] DOW GLOBAL TECHNOLOGIES INC., US
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[13] A1

[51] **Int.Cl. 7G06F 15/173**
[25] EN
[54] **MULTI-TIERED REMOTE ENTERPRISE MANAGEMENT SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE GESTION D'ENTREPRISE A DISTANCE A PLUSIEURS ETAGES**
[72] KNIGHT, ERIK A., US
[71] ELECTRONIC DATA SYSTEMS CORPORATION, US
[85] 2004-09-21
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7F02K 9/68
[25] EN
[54] **METHOD AND APPARATUS FOR**
GENERATING POWER BY
COMBUSTION OF VAPORIZED FUEL
[54] **PROCEDE ET APPAREIL DE**
GENERATION D'ENERGIE PAR
COMBUSTION DE COMBUSTIBLE
VAPORISE
[72] PELLIZZARI, ROBERTO O., US
[71] CHRYSALIS TECHNOLOGIES, INC.,
US
[85] 2004-09-22
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[30] US (60/367,131) 2002-03-22
[30] US (10/143,463) 2002-05-10

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[13] A1
[51] **Int.Cl. 7A47B 53/02 7A47B 96/00**
[25] EN
[54] **DRIVE MECHANISM FOR A**
TRACK MOUNTED BODY
[54] **MECANISME DE COMMANDE**
POUR CORPS MONTE SUR RAILS
[72] CAMPBELL, GEORGE GILES, AU
[72] PARKER, BRIAN MAURICE, AU
[71] GLIDESTORE FREETRACK PTY
LTD, AU
[85] 2004-09-22
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[87] 2003-10-02 (WO2003/079851)
[30] AU (PS 1361) 2002-03-26

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[13] A1
[51] **Int.Cl. 7B65D 83/02 7A61J 1/00**
[25] EN
[54] **A MEDICAL SYRINGE**
CONTAINER
[54] **RECEPTACLE DE SERINGUES**
MEDICALES
[72] KIEHNE, BRUCE LEIGH, AU
[71] OCCUPATIONAL & MEDICAL
INNOVATIONS LTD, AU
[85] 2004-09-22
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[87] 2003-10-02 (WO2003/080467)
[30] AU (PS 1357) 2002-03-25

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[51] **Int.Cl. 7A61B 5/00**
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[54] **MEDICAL IMAGING APPARATUS**
MEDICALE
[72] ROBERTSON, DUNCAN
ALEXANDER, GB
[72] MACFARLANE, DAVID GRAHAM,
GB
[72] LESURF, JAMES CHRISTOPHER
GEORGE, GB
[71] THE UNIVERSITY COURT OF THE
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[86] 2003-03-26 (PCT/GB2003/001284)
[87] 2003-10-09 (WO2003/082090)
[30] GB (0207370.8) 2002-03-28

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[13] A1
[51] **Int.Cl. 7A23J 3/16 7A23J 1/14**
[25] EN
[54] **AN IMPROVED PROCESS FOR**
THE PREPARATION OF SOY PROTEIN
CONCENTRATE WITH IMPROVED
FUNCTIONAL PROPERTIES
[54] **PROCEDE AMELIORE DESTINE A**
LA PREPARATION DE CONCENTRE
DE PROTEINE DE SOJA POSSEDANT
DES PROPRIETES FONCTIONNELLES
AMELIOREES
[72] RAO, APPU RAO GOPALA RAO
APPU, IN
[72] PRAKASH, VISHWESHVARIAH, IN
[72] SWAMYLINGAPPA, BHAGYA, IN
[71] COUNCIL OF SCIENTIFIC AND
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[51] **Int.Cl. 7G07F 7/08 7G07F 19/00**
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[25] EN
[54] **METHOD AND DEVICE FOR**
RECHARGING A CREDIT TO CHIP
CARDS
[54] **PROCEDE ET DISPOSITIF POUR**
RECHARGER UN CREDIT SUR DES
CARTES A PUCE
[72] MEIXNER, JIRI, CZ
[72] HOSNEDL, JIRI, CZ
[71] SAZKA, A.S., CZ
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[30] CZ (PV 2002-1130) 2002-03-29

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[51] **Int.Cl. 7H02G 3/06**
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[54] **COUPLER FOR CABLE TROUGH**
COUPLEUR POUR CHEMIN DE
CABLES
[72] NAULT, GARY, US
[72] WATTS, ALEX, US
[72] HAATAJA, TIMOTHY JON, US
[72] FERRIS, MATHEW D., US
[71] ADC TELECOMMUNICATIONS,
INC., US
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[30] US (10/107,547) 2002-03-27
[30] US (10/330,590) 2002-12-27

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[51] **Int.Cl. 7H02P 3/22 7B60L 15/20**
7B63H 23/24
[25] EN
[54] **SYSTEM AND METHOD FOR**
BRAKING A MOTOR OF A
PROPULSION UNIT
[54] **SYSTEME ET PROCEDE DE**
FREINAGE DU MOTEUR D'UNE UNITE
DE PROPULSION
[72] YLITALO, JARI, FI
[71] ABB OY, FI
[85] 2004-09-23
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[87] 2003-10-09 (WO2003/084045)
[30] FI (20020619) 2002-03-28

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[25] EN
[54] **HYDROPHILIC FILM, PROCESS FOR PRODUCING THE SAME AND PAINT FOR FORMATION OF HYDROPHILIC FILM**
[54] **FILM HYDROPHILE, SON PROCEDE D'OBTENTION ET PEINTURE POUR LA FORMATION D'UN FILM HYDROPHILE**
[72] SHIGERU, KEIJIRO, JP
[72] MAEDA, DAISAKU, JP
[71] SUMITOMO OSAKA CEMENT CO., LTD., JP
[85] 2004-09-23
[86] 2003-03-27 (PCT/JP2003/003855)
[87] 2003-10-02 (WO2003/080744)
[30] JP (2002-89158) 2002-03-27
[30] JP (2002-321172) 2002-11-05

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[13] A1

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[25] EN
[54] **SKIN IMPEDANCE MATCHED BIOPOTENTIAL ELECTRODE**
[54] **ELECTRODE DE BIOPOTENTIEL ADAPTEE A L'IMPEDANCE CUTANEE**
[72] BRUN DEL RE, RICCARDO, CA
[72] KOLPIN, HANS, CA
[72] BATKIN, IZMAIL, CA
[71] BRUN DEL RE, RICCARDO, CA
[71] KOLPIN, HANS, CA
[71] BATKIN, IZMAIL, CA
[85] 2004-09-23
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[87] 2003-10-02 (WO2003/079897)
[30] CA (2,379,268) 2002-03-26

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[13] A1

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[25] EN
[54] **CIRCUIT AND METHOD FOR PHASE ERROR CANCELLATION IN FREQUENCY DIVERSES**
[54] **CIRCUIT ET PROCEDE D'ANNULATION D'ERREUR DE PHASE ET DIVISEURS DE FREQUENCE FRACTIONNELS ET CIRCUITS COMPORTANT CE CIRCUIT D'ANNULATION**
[72] RILEY, THOMAS ATKINS DENNING, CA
[71] KABEN RESEARCH INC., CA
[85] 2004-09-23
[86] 2003-03-28 (PCT/CA2003/000447)
[87] 2003-10-09 (WO2003/084069)
[30] US (60/367,744) 2002-03-28

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[13] A1

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[25] EN
[54] **ONE TRIP THROUGH TUBING WINDOW MILLING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE FRAISAGE DE FENETRE DE TUBAGE EN UNE SEULE MANOEUVRE**
[72] TOULOUSE, JEFFREY E., GB
[72] PITMAN, MALCOLM D., GB
[71] BAKER HUGHES INCORPORATED, US
[85] 2004-09-22
[86] 2003-03-27 (PCT/US2003/009320)
[87] 2003-10-09 (WO2003/083250)
[30] US (10/109,140) 2002-03-28

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[13] A1

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[25] EN
[54] **DISTRACTION DEVICE USED FOR OSTEOGENESIS**
[54] **APPAREIL DE DISTRACTION POUR OSTEOGENESE**
[72] CIERNY, MICHAEL, CH
[72] FUCHS, ERNST, CH
[71] CIERNY, MICHAEL, CH
[71] FUCHS, ERNST, CH
[85] 2004-09-22
[86] 2003-03-08 (PCT/DE2003/000741)
[87] 2003-10-02 (WO2003/079912)
[30] DE (102 12 815.4) 2002-03-22

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[54] **A SOLID SEPERATOR**
[54] **SEPARATEUR DE MATIERE SOLIDE**
[72] KAESKE, EGON, DE
[71] DURR ECOCLEAN GMBH, DE
[85] 2004-09-23
[86] 2003-11-03 (PCT/EP2003/012193)
[87] 2004-05-21 (WO2004/041438)
[30] DE (102 51 570.0) 2002-11-06

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[13] A1

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[25] EN
[54] **NEW PRESERVATIVES AND PROTECTIVE SYSTEMS**
[54] **NOUVEAUX CONSERVATEURS ET SYSTEMES DE PROTECTION**
[72] SEGUER BONAVENTURA, JOAN, ES
[72] ROCABAYERA BONVILA, XAVIER, ES
[72] MARTINEZ RUBIO, MARIANO A., ES
[71] LABORATORIOS MIRET, S.A., ES
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[13] A1

[51] **Int.Cl. 7A61K 35/78**
[25] EN
[54] **COCHLEATES MADE WITH PURIFIED SOY PHOSPHATIDYLSERINE**
[54] **STRUCTURES COCHLEAIRES PRODUITES A PARTIR DE PHOSPHATIDYLSERINE DE SOJA PURIFIEE**
[72] TAN, FENG, US
[72] ZARIF, LEILA, FR
[71] BIODELIVERY SCIENCES INTERNATIONAL, INC., US
[85] 2004-09-23
[86] 2003-03-26 (PCT/US2003/009562)
[87] 2003-10-09 (WO2003/082209)
[30] US (10/105,314) 2002-03-26
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[25] EN
[54] **USE OF AN ALFA2-ADRENORECEPTOR ANTAGONIST FOR CNS-RELATED DISEASES**
[54] **UTILISATION DE L'ANTAGONISTE D'UN ALFA2-ADRENOCEPTEUR EN CAS DE MALADIES DU SNC**
[72] SIRVIOE, JOUNI, FI
[72] SALLINEN, JUKKA, FI
[71] ORION CORPORATION, FI
[71] OY JUVANTIA PHARMA LTD., FI
[85] 2004-09-23
[86] 2003-04-03 (PCT/FI2003/000254)
[87] 2003-10-09 (WO2003/082825)
[30] US (60/369,323) 2002-04-03

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[13] A1

[51] **Int.Cl. 7E21B 33/13**
[25] EN
[54] **COMPOSITIONS FOR RESTORING LOST CIRCULATION**
[54] **COMPOSITIONS DE RESTAURATION DE CIRCULATION PERDUE**
[72] SHAARPOUR, MANO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2004-09-23
[86] 2003-03-12 (PCT/GB2003/001062)
[87] 2003-10-09 (WO2003/083254)
[30] US (10/107,873) 2002-03-26

[21] **2,480,268**
[13] A1

[51] **Int.Cl. 7A61K 31/13**
[25] EN
[54] **CHROMIUM COMPOSITIONS AND METHODS FOR USING THE SAME FOR INHIBITING DRUG-INDUCED INSULIN RESISTANCE**
[54] **COMPOSITIONS DE CHROME ET PROCEDES DE LEUR UTILISATION AFIN D'INHIBER LA RESISTANCE A L'INSULINE D'ORIGINE MEDICAMENTEUSE**
[72] MONTGOMERY, GAIL, US
[72] KOMOROWSKI, JAMES R., US
[72] JUTURU, VIJAYA, US
[71] NUTRITION 21, INC., US
[85] 2004-09-23
[86] 2003-04-03 (PCT/US2003/010717)
[87] 2003-11-06 (WO2003/090671)
[30] US (60/375,848) 2002-04-23

[21] **2,480,270**
[13] A1

[51] **Int.Cl. 7A61K 9/14 7A61K 31/352**
[25] EN
[54] **STABILIZED NATURAL CANNABINOID FORMULATION**
[54] **FORMULATION DE CANNABINOIDE NATUREL STABILISE**
[72] VAN DROOGE, DIRK J., NL
[72] EISSENS, ANKO C., NL
[72] HINRICHS, WOUTER L. J., NL
[72] FRIJLINK, HENDERIK W., NL
[71] SOLVAY PHARMACEUTICALS B.V., NL
[85] 2004-09-23
[86] 2003-04-02 (PCT/EP2003/050087)
[87] 2003-10-09 (WO2003/082246)
[30] US (60/369,613) 2002-04-03
[30] EP (02076339.7) 2002-04-04

[21] **2,480,271**
[13] A1

[51] **Int.Cl. 7B29D 22/00 7B32B 15/04**
[25] EN
[54] **ALUMINUM CONDUCTOR COMPOSITE CORE REINFORCED CABLE AND METHOD OF MANUFACTURE**
[54] **CABLE RENFORCE PRESENTANT UNE AME COMPOSITE ENTOUREE D'UN CONDUCTEUR D'ALUMINIUM, ET SON PROCEDE DE PRODUCTION**
[72] KORZENIOWSKI, GEORGE, US
[72] HIEL, CLEM, US
[71] COMPOSITE TECHNOLOGY CORPORATION, US
[85] 2004-09-23
[86] 2003-04-23 (PCT/US2003/012520)
[87] 2003-11-06 (WO2003/091008)
[30] US (60/374,879) 2002-04-23

[21] **2,480,281**
[13] A1

[51] **Int.Cl. 7C22C 19/05 7C22F 1/10**
[25] EN
[54] **NICKEL-BASE ALLOY**
[54] **ALLIAGE A BASE DE NICKEL**
[72] CAO, WEI-DI, US
[71] ATI PROPERTIES, INC., US
[85] 2004-09-21
[86] 2003-05-06 (PCT/US2003/014069)
[87] 2003-11-27 (WO2003/097888)
[30] US (10/144,369) 2002-05-13

[21] **2,480,332**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 17/00 7A61K 9/08 7A23L 1/38**
[25] EN
[54] **DRINKING TEA FOR TREATING DERMATITIS**
[54] **THE THERAPEUTIQUE CONTRE LA DERMATITE**
[72] LI, SONGHUA, JP
[72] WANG, RUWEI, CN
[72] SANTO, TETSUO, JP
[72] IWASAKI, SUMIO, JP
[71] SANTO, TETSUO, JP
[85] 2004-09-22
[86] 2002-04-15 (PCT/JP2002/003749)
[87] 2003-10-23 (WO2003/086434)

[21] **2,480,335**
[13] A1

[51] **Int.Cl. 7A61K 31/7056 7A61K 45/00 7A61P 35/00 7A61P 43/00 7A61K 31/24 7A61K 31/282 7A61K 31/4745 7A61K 31/519 7A61K 31/704 7A61K 31/7048**
[25] EN
[54] **COMBINED USE OF ANTITUMOR INDOLOPYRROLOCARBAZOLE DERIVATIVE AND OTHER ANTITUMOR AGENT**
[54] **UTILISATION COMBINEE DE DERIVES ANTICANCEREUX DE L'INDOLOPYRROLOCARBAZOLE ET D'UN AUTRE AGENT ANTICANCEREUX**
[72] ARAKAWA, HIROHARU, JP
[72] NAKATSURU, YOKO, JP
[72] KODERA, TSUTOMU, JP
[72] MONDEN, YOSHIAKI, JP
[71] BANYU PHARMACEUTICAL CO., LTD., JP
[85] 2004-09-22
[86] 2002-09-30 (PCT/JP2002/010186)
[87] 2003-10-02 (WO2003/080077)
[30] JP (2002-84677) 2002-03-26

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[21] **2,480,351**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/11 7C12N 15/31**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO A METHOD OF DNA TESTING FOR _____ MYCOBACTERIUM PARATUBERCULOSIS STRAINS**
[54] **AMELIORATIONS APORTEES A UN PROCEDE DE TEST DE L'ADN DESTINE A DES SOUCHES DE MYCOBACTERIUM PARATUBERCULOSIS**
[72] COLLINS, DESMOND MICHAEL, NZ
[71] AGRESEARCH LIMITED, NZ
[85] 2004-09-23
[86] 2003-06-10 (PCT/NZ2003/000119)
[87] 2003-12-18 (WO2003/104493)
[30] NZ (519469) 2002-06-10

[21] **2,480,401**
[13] A1

[51] **Int.Cl. 7C01G 1/00 7C01G 33/00 7C01G 35/00**
[25] EN
[54] **A PROCESS FOR PRODUCING MICRO-MESOPOROUS METAL OXIDE HAVING REGULATED PORES BY NOVEL TEMPLATE REMOVAL METHOD**
[54] **PROCEDE DE PRODUCTION D'OXYDE METALLIQUE MICRO-MESOPOREUX PRESENTANT DES PORES CONTROLES FORMES PAR UN PROCEDE NOUVEAU DE RETRAIT DE GABARIT**
[72] RI, BYONJIN, JP
[72] NÔMURA, JUNKO, JP
[72] DOMEN, KAZUNARI, JP
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
[85] 2004-09-22
[86] 2002-10-02 (PCT/JP2002/010282)
[87] 2003-10-02 (WO2003/080514)
[30] JP (2002-085737) 2002-03-26

[21] **2,480,406**
[13] A1

[51] **Int.Cl. 7B65D 81/32 7B05B 11/00 7B65D 83/00**
[25] EN
[54] **PACKAGING CONTAINER WITH CONTENTS MIXING STRUCTURE**
[54] **RECIPIENT DE CONDITIONNEMENT AVEC STRUCTURE PERMETTANT DE MELANGER DES CONTENUS**
[72] KI, KEUN-SEO, KR
[71] TANI INDUSTRY CO., LTD., JP
[85] 2004-09-22
[86] 2002-11-21 (PCT/JP2002/012211)
[87] 2003-10-09 (WO2003/082703)
[30] KR (20-2002-0009441) 2002-03-29
[30] KR (20-2002-0020977) 2002-07-12

[21] **2,480,408**
[13] A1

[51] **Int.Cl. 7A61K 51/00 7A61P 35/00 7A61K 9/127 7A61K 47/20 7A61K 47/22**
[25] EN
[54] **METHOD OF ENCAPSULATING METAL COMPLEX WITHIN LIPOSOMES**
[54] **PROCEDE D'ENCAPSULATION DE COMPLEXES METALLIQUES DANS DES LIPOSOMES**
[72] KANEKO, EMI, JP
[72] MURAKAMI, MASAHIRO, JP
[72] ARANO, YASUSHI, JP
[71] AMATO PHARMACEUTICAL PRODUCTS, LTD., JP
[85] 2004-09-22
[86] 2003-02-25 (PCT/JP2003/002034)
[87] 2003-09-04 (WO2003/072142)
[30] JP (2002/49037) 2002-02-26

[21] **2,480,411**
[13] A1

[51] **Int.Cl. 7C01B 33/149 7B41M 5/00**
[25] EN
[54] **COMPOSITE SOL, PROCESS FOR PRODUCING THE SAME, AND INK-JET RECORDING MEDIUM**
[54] **SOL COMPOSITE, SON PROCEDE DE PRODUCTION, ET SUPPORT D'ENREGISTREMENT A JET D'ENCRE**
[72] KATO, HIROKAZU, JP
[72] OIWAMOTO, MASAKI, JP
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[85] 2004-09-22
[86] 2003-03-25 (PCT/JP2003/003589)
[87] 2003-10-02 (WO2003/080509)
[30] JP (2002/85027) 2002-03-26
[30] JP (2003/45455) 2003-02-24

[21] **2,480,417**
[13] A1

[51] **Int.Cl. 7A61K 31/196 7A61P 29/00 7A61K 47/10 7A61K 47/14 7A61K 47/28 7A61K 9/48**
[25] EN
[54] **DICLOFENAC SODIUM ORAL PHARMACEUTICAL**
[54] **PRODUIT PHARMACEUTIQUE DE DICLOFENAC SODIQUE S'ADMINISTRANT PAR VOIE ORALE**
[72] ISHIBASHI, NOBUYUKI, JP
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
[85] 2004-09-22
[86] 2003-03-27 (PCT/JP2003/003803)
[87] 2003-10-02 (WO2003/080040)
[30] JP (2002-089321) 2002-03-27

[21] **2,481,402**
[13] A1

[51] **Int.Cl. 7C07H 13/08 7C07H 5/02**
[25] EN
[54] **PROCESS FOR IMPROVING SUCRALOSE PURITY AND YIELD**
[54] **PROCEDE DESTINE A AUGMENTER LA PURETE ET LE RENDEMENT DU SUCRALOSE**
[72] MICINSKI, EDWARD, US
[72] MERKEL, CAROLYN, US
[72] VERNON, NICHOLAS M., US
[72] WILEY, JAMES EDWIN, US
[72] CATANI, STEVEN J., US
[71] TATE & LYLE PUBLIC LIMITED COMPANY, GB
[85] 2004-09-07
[86] 2003-03-06 (PCT/US2003/006628)
[87] 2003-09-18 (WO2003/076454)
[30] US (10/092,730) 2002-03-08

[21] **2,481,405**
[13] A1

[51] **Int.Cl. 7C07H 5/02 7C07H 1/06**
[25] EN
[54] **EXTRACTIVE METHODS FOR PURIFYING SUCRALOSE**
[54] **PROCEDES D'EXTRACTION DESTINES A PURIFIER LE SUCRALOSE**
[72] MICINSKI, EDWARD, US
[72] CATANI, STEVEN J., US
[72] NEIDITCH, DAVID SAUL, US
[72] WILEY, JAMES EDWIN, US
[72] VERNON, NICHOLAS M., US
[71] TATE & LYLE PUBLIC LIMITED COMPANY, GB
[85] 2004-09-07
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[87] 2003-09-18 (WO2003/076453)
[30] US (10/092,715) 2002-03-08

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[21] **2,481,690**
[13] A1

[51] **Int.Cl. 7B65D 30/04**
[25] EN
[54] **REFUSE DISPOSAL IN SEVERE ENVIRONMENTS**
[54] **ELIMINATION DES DECHETS DANS DES ENVIRONNEMENTS SEVERES**
[72] CARTER, LANDIS H., US
[72] MURARI, SHOBHA, US
[71] JPS CONVERTER AND INDUSTRIAL CORPORATION, US
[85] 2004-08-05
[86] 2003-02-26 (PCT/US2003/005893)
[87] 2004-09-16 (WO2004/078608)

[21] **2,481,697**
[13] A1

[51] **Int.Cl. 7C08G 18/40 7C09J 175/14 7C08G 18/65 7C08G 18/69**
[25] EN
[54] **GRAFT POLYOLS WITH A BIMODAL PARTICLE SIZE DISTRIBUTION AND METHOD FOR PRODUCING GRAFT POLYOLS OF THIS TYPE, IN ADDITION TO THE USE THEREOF FOR PRODUCING POLYURETHANES**
[54] **POLYOLS GREFFES A REPARTITION GRANULOMETRIQUE BIMODALE, LEURS PROCEDES DE PRODUCTION ET LEUR UTILISATION POUR REALISER DES POLYURETHANNES**
[72] ZASCHKE, BERND, DE
[72] HOPPE, ANDREAS, DE
[72] WENZEL, MARION, DE
[72] SCHUSTER, MARITA, DE
[72] WAGNER, KLAUS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-09-10
[86] 2003-03-13 (PCT/EP2003/002576)
[87] 2003-09-25 (WO2003/078496)
[30] DE (102 11 669.5) 2002-03-15

[21] **2,481,954**
[13] A1

[51] **Int.Cl. 7A41D 19/00**
[25] EN
[54] **HAND COVERING**
[54] **PROTEGE-MAIN**
[72] WERNER, JUSTIN SAUL, US
[72] WILSON, RONALD L., II, US
[72] ISOM, MATTHEW, US
[72] TIPP, ALAN, US
[72] LE GETTE, BRIAN E., US
[71] 180S, INC., US
[85] 2004-07-29
[86] 2003-02-05 (PCT/US2003/003553)
[87] 2003-08-14 (WO2003/065831)
[30] US (10/062,508) 2002-02-05

[21] **2,481,974**
[13] A1

[51] **Int.Cl. 7F02C 7/277 7F16K 1/22**
[25] EN
[54] **ACTUATOR FOR AN AIR TURBINE STARTER VALVE**
[54] **ACTIONNEUR DE VANNE DE DEMARREUR DE TYPE TURBINE A AIR**
[72] LOUIS, RONALD J., US
[72] REED, WILLIAM H., US
[72] WIGGINS, JIMMY D., US
[72] DOAK, JOHN L., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2004-08-05
[86] 2003-02-05 (PCT/US2003/003379)
[87] 2003-08-14 (WO2003/067056)
[30] US (10/071,351) 2002-02-06

[21] **2,482,087**
[13] A1

[51] **Int.Cl. 7C01B 3/00 7C01B 3/02 7C07F 9/50**
[25] EN
[54] **METHOD OF STORING HYDROGEN, HYDROGEN INCLUSION COMPOUND AND PROCESS FOR PRODUCING THE SAME**
[54] **PROCEDE DE CONSERVATION D'HYDROGENE, COMPOSE D'INCLUSION D'HYDROGENE ET PROCEDE DE PRODUCTION DE CE COMPOSE**
[72] YAGI, MINORU, JP
[71] KURITA WATER INDUSTRIES LTD., JP
[85] 2004-03-19
[86] 2003-06-10 (PCT/JP2003/007318)
[87] 2003-12-31 (WO2004/000857)
[30] JP (2002-178755) 2002-06-19
[30] JP (2003-024590) 2003-01-31

[21] **2,482,191**
[13] A1

[51] **Int.Cl. 7C07D 491/10 7A61P 9/00 7A61K 31/438**
[25] EN
[54] **SPIRO COMPOUNDS WITH NPY ANTAGONISTIC ACTIVITY**
[54] **COMPOSES SPIRO PRESENTANT UNE ACTIVITE ANTAGONISTE DU NEUROPEPTIDE Y**
[72] HAGA, YUJI, JP
[72] SAKAMOTO, TOSHIHIRO, JP
[72] ISHIHARA, AKANE, JP
[72] TAKAHASHI, TOSHIYUKI, JP
[72] ISHII, YASUYUKI, JP
[72] KANATANI, AKIO, JP
[72] FUKAMI, TAKEHIRO, JP
[72] CHIBA, MASATO, JP
[72] ITOH, TAKAHIRO, JP
[71] BANYU PHARMACEUTICAL CO., LTD., JP
[85] 2004-09-03
[86] 2003-03-05 (PCT/JP2003/002611)
[87] 2003-09-18 (WO2003/076443)
[30] US (10/092,549) 2002-03-08

[21] **2,482,209**
[13] A1

[51] **Int.Cl. 7H04M 1/00 7H04R 1/00 7H04R 25/00 7H04M 1/02 7H04R 1/02 7H04M 1/03**
[25] EN
[54] **HANDSET FOR COMMUNICATION EQUIPMENT**
[54] **COMBINE POUR EQUIPEMENT DE COMMUNICATION**
[72] FUKUDA, MIKIO, JP
[71] TEMCO JAPAN CO., LTD., JP
[85] 2004-04-23
[86] 2002-10-29 (PCT/JP2002/011221)
[87] 2003-05-08 (WO2003/039109)
[30] JP (2001-333221) 2001-10-30

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[21] **2,482,309**
[13] A1

[51] **Int.Cl. 7A61F 2/44**
[25] EN
[54] **METHODS, DEVICES, AND PREPARATIONS FOR INTERVERTEBRAL DISC TREATMENT**
[54] **PROCEDES, DISPOSITIFS, ET PREPARATIONS POUR LE TRAITEMENT DE DISQUES INTERVERTEBRAUX**
[72] NOFF, MATITIAU, IL
[72] PITARU, SHAHAR, IL
[71] COLBAR LIFESCIENCE LTD., IL
[85] 2004-06-09
[86] 2002-12-10 (PCT/IL2002/000997)
[87] 2003-06-19 (WO2003/049669)
[30] US (60/337,145) 2001-12-10

[21] **2,482,321**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **A PROSTHESIS FOR LARGE BLOOD VESSELS**
[54] **PROTHESE POUR GROS VAISSEAUX SANGUINS**
[72] COPPI, GIOACCHINO, IT
[71] G.A.M.A.-H.S. S.R.L., IT
[85] 2004-08-09
[86] 2003-11-24 (PCT/IT2003/000767)
[87] 2004-06-24 (WO2004/052240)
[30] IT (MO2002A000349) 2002-12-06

[21] **2,482,326**
[13] A1

[51] **Int.Cl. 7A61M 16/01**
[25] EN
[54] **MULTIPLE OUTPUT ANESTHESIA SYSTEM**
[54] **SYSTEME D'ANESTHESIE A SORTIES MULTIPLES**
[72] DALGETTY, RICHARD GEORGE, US
[72] BATES, BRIAN ROBERT, US
[72] NELSON, MICHAEL BO, US
[71] XENOGEN CORPORATION, US
[85] 2004-08-17
[86] 2003-02-19 (PCT/US2003/005493)
[87] 2003-08-28 (WO2003/070308)
[30] US (10/081,040) 2002-02-20
[30] US (60/385,397) 2002-05-31

[21] **2,482,329**
[13] A1

[51] **Int.Cl. 7G01R 33/44 7G01V 3/32**
[25] EN
[54] **NMR ANTENNA WITH SLOTTED METAL COVER**
[54] **ANTENNE NMR POURVUE D'UN COUVERCLE METALLIQUE RAINURE**
[72] KRUSPE, THOMAS, DE
[72] BLANZ, MARTIN, DE
[72] ROTTENGATTER, PETER, DE
[71] BAKER HUGHES INCORPORATED, US
[85] 2004-08-17
[86] 2003-02-18 (PCT/US2003/004692)
[87] 2003-08-28 (WO2003/071301)
[30] US (60/357,748) 2002-02-18
[30] US (10/146,534) 2002-05-15

[21] **2,482,333**
[13] A1

[51] **Int.Cl. 7C07K 16/08 7C12P 21/08 7C12P 19/34 7A61K 39/42**
[25] EN
[54] **HUMAN ANTIBODIES FOR THERAPY AGAINST VACCINIA OR SMALLPOX**
[54] **ANTICORPS HUMAINS UTILISES COMME AGENT THERAPEUTIQUE CONTRE LA VACCINE OU LA VARIOLE**
[72] BOWDISH, KATHERINE S., US
[72] WILD, MARTHA A., US
[71] ALEXION PHARMACEUTICALS, INC., US
[85] 2004-08-09
[86] 2003-02-10 (PCT/US2003/003880)
[87] 2003-08-21 (WO2003/068151)
[30] US (60/356,087) 2002-02-11

[21] **2,482,336**
[13] A1

[51] **Int.Cl. 7F02B 75/00**
[25] EN
[54] **LIQUID PISTON INTERNAL COMBUSTION POWER SYSTEM**
[54] **SYSTEME GENERATEUR A COMBUSTION INTERNE ET A PISTON A LIQUIDE**
[72] SHKOLNIK, NIKOLAY, US
[71] SHKOLNIK, NIKOLAY, US
[85] 2004-08-20
[86] 2003-02-26 (PCT/US2003/005749)
[87] 2003-09-12 (WO2003/074840)
[30] US (60/360,955) 2002-02-28

[21] **2,482,337**
[13] A1

[51] **Int.Cl. 7C07C 2/64**
[25] EN
[54] **A REACTIVE DISTILLATION PROCESS FOR THE ALKYLATION OF AROMATIC HYDROCARBONS**
[54] **PROCEDE DE DISTILLATION REACTIVE POUR L'ALKYLATION D'HYDROCARBURES AROMATIQUES**
[72] SORENSEN, WAYNE L., US
[72] SZURA, DANIEL P., US
[72] HOWE, RICHARD C., US
[72] BROWN, MARY J., US
[72] SCHELL, JOHN R., US
[72] MURRAY, JOY L., US
[72] WINDER, J. BARRY, US
[72] WHARRY, DONALD L., US
[71] SASOL NORTH AMERICA INC., US
[85] 2004-08-23
[86] 2003-01-16 (PCT/US2003/001437)
[87] 2003-09-18 (WO2003/076369)
[30] US (10/091,199) 2002-03-05

[21] **2,482,339**
[13] A1

[51] **Int.Cl. 7C10L 1/32**
[25] EN
[54] **LOW EMISSIONS FUEL EMULSION COMPRISING FISCHER-TROPSCH DERIVED HYDROCARBON**
[54] **EMULSION DE COMBUSTIBLE A FAIBLE EMISSION DE PARTICULES, RENFERMANT UN HYDROCARBURE OBTENU PAR PROCEDE FISCHER-TROPSCH**
[72] CHAKRABARTY, TAPANTOSH, CA
[72] WITTENBRINK, ROBERT JAY, US
[72] BERLOWITZ, PAUL JOSEPH, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2004-08-24
[86] 2003-02-07 (PCT/US2003/003850)
[87] 2003-09-12 (WO2003/074638)
[30] US (10/086,775) 2002-03-01

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[21] **2,482,403**
[13] A1

[51] **Int.Cl. 7A61F 2/44**
[25] EN
[54] **INTRAVERTÉBRAL PROSTHESIS**
[54] **PROTHESE INTERVERTÉBRALE**
[72] KELLER, ARNOLD, DE
[72] MCAFEE, PAUL C., US
[71] CERVITECH, INC., US
[85] 2004-08-23
[86] 2002-10-15 (PCT/EP2002/011524)
[87] 2003-09-18 (WO2003/075803)
[30] EP (02005632.1) 2002-03-12
[30] EP (02005631.3) 2002-03-12
[30] EP (02005630.5) 2002-03-12

[21] **2,482,404**
[13] A1

[51] **Int.Cl. 7C01B 3/38 7B01J 8/04 7B01J 8/06 7C01B 3/36**
[25] EN
[54] **A PROCESS AND APPARATUS FOR THE PRODUCTION OF SYNTHESIS GAS**
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'UN GAZ DE SYNTHÈSE**
[72] REPASKY, JOHN MICHAEL, US
[72] PENG, XIANG-DONG, US
[72] NATARAJ, SHANKAR, US
[72] WANG, SHOOU-I, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2004-08-25
[86] 2003-02-24 (PCT/IB2003/000695)
[87] 2003-08-28 (WO2003/070629)
[30] US (10/083,778) 2002-02-25

[21] **2,482,405**
[13] A1

[51] **Int.Cl. 7A61M 1/14 7A61J 1/00**
[25] EN
[54] **MULTIPLE COMPARTMENT BAG ASSEMBLY FOR DIALYSIS FLUID**
[54] **ENSEMBLE POCHE A COMPARTIMENTS MULTIPLES POUR LIQUIDE DE DIALYSE**
[72] WIESLANDER, ANDERS, SE
[72] OLSSON, LARS-FRIDE, SE
[72] SASSO, GIUSEPPE, IT
[72] SANDSTROEM, THEODOR, SE
[71] GAMBRO LUNDIA AB, SE
[85] 2004-09-10
[86] 2003-02-04 (PCT/SE2003/000183)
[87] 2003-09-18 (WO2003/075982)
[30] IT (MI2002A000516) 2002-03-12

[21] **2,482,406**
[13] A1

[51] **Int.Cl. 7A47C 7/74**
[25] EN
[54] **AIR CONDITIONING SEAT DEVICE**
[54] **SIEGE A AIR CONDITIONNE**
[72] MORIYA, YOSHIFUMI, JP
[72] YONENO, NORIYUKI, JP
[72] UNO, HIROSHI, JP
[72] YONEYAMA, MITSURU, JP
[72] NAKANO, KOICHI, JP
[72] NOZAWA, SHINTARO, JP
[72] ARIMA, SATOSHI, JP
[72] KIKUTANI, FUMITAKA, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2004-09-17
[86] 2003-03-18 (PCT/JP2003/003233)
[87] 2003-09-25 (WO2003/077710)
[30] JP (2002-75725) 2002-03-19
[30] JP (2002-75747) 2002-03-19
[30] JP (2002-106160) 2002-04-09
[30] JP (2002-246525) 2002-08-27
[30] JP (2002-246526) 2002-08-27

[21] **2,482,623**
[13] A1

[51] **Int.Cl. 7C01F 11/18 7C09K 3/10**
[25] EN
[54] **MATERIAL FOR IMPARTING THIXOTROPY AND PASTY RESIN COMPOSITION**
[54] **MATIERE CONFERANT UNE THIXOTROPIE ET COMPOSITION DE RESINE PATEUSE**
[72] HOSOI, KAZUYUKI, JP
[72] KAYANO, YOSHISADA, JP
[72] MORIOKA, ISAO, JP
[71] SHIRAIISHI KOGYO KAISHA, LTD., JP
[71] SHIRAIISHI CENTRAL LABORATORIES CO., LTD., JP
[85] 2004-05-14
[86] 2002-11-19 (PCT/JP2002/012042)
[87] 2003-06-12 (WO2003/048046)
[30] JP (2001-368360) 2001-12-03
[30] JP (2002-316062) 2002-10-30

[21] **2,482,948**
[13] A1

[51] **Int.Cl. 7B60B 3/04**
[25] EN
[54] **A WHEEL AND A WHEEL DISC**
[54] **ROUE ET DISQUE DE ROUE**
[72] MARYAO, MARCELLINO, BR
[72] ESCHER FILHO, DECIO ANTONIO, BR
[72] WONSOWSKI, JASON CHRISTOPHER, US
[71] ARVINMERITOR DO BRASIL SISTEMAS AUTOMOTIVOS LTDA., BR
[85] 2004-08-05
[86] 2003-01-17 (PCT/BR2003/000005)
[87] 2003-08-21 (WO2003/068533)
[30] BR (PI 0200351-1) 2002-02-14

[21] **2,482,969**
[13] A1

[51] **Int.Cl. 7A61M 25/10**
[25] EN
[54] **DILATION BALLOON FOR ENDOSCOPE**
[54] **BALLONNET DE DILATATION POUR ENDOSCOPE**
[72] BARTHEL, JAMES S., US
[71] UNIVERSITY OF SOUTH FLORIDA, US
[85] 2004-06-16
[86] 2003-04-11 (PCT/US2003/011036)
[87] 2003-10-23 (WO2003/086524)
[30] US (60/371,754) 2002-04-11

[21] **2,482,974**
[13] A1

[51] **Int.Cl. 7H02K 21/12 7H02K 1/14**
[25] EN
[54] **ROTARY PERMANENT MAGNET ELECTRIC MOTOR WITH VARYING AIR GAP BETWEEN INTERFACING STATOR AND ROTOR ELEMENTS**
[54] **MOTEUR ELECTRIQUE A AIMANT PERMANENT ROTATIF AVEC ENTREFER VARIABLE ENTRE LES ELEMENTS DE STATOR ET DE ROTOR EN INTERFACE**
[72] SOGHOMONIAN, ZAREH SALMASI, US
[72] MASLOV, BORIS A., US
[71] WAVECREST LABORATORIES, LLC, US
[85] 2004-11-09
[86] 2003-03-28 (PCT/US2003/008673)
[87] 2003-12-18 (WO2003/105318)
[30] US (10/160,257) 2002-06-04
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[30] US (10/207,848) 2002-07-31

PCT Applications Entering the National Phase

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Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,475,976**
[13] A1

[51] **Int.Cl. 7E01B 9/68**
[25] EN
[54] **RAIL PAD AND METHOD FOR STRAIN ATTENUATION**
[54] **PATIN DE RAIL ET METHODE D'ATTENUATION DE LA DEFORMATION**
[72] MCQUEEN, PHILIP JEFFREY, US
[71] MCQUEEN, PHILIP JEFFREY, US
[22] 2002-10-09
[41] 2002-12-21
[62] 2,402,523

[21] **2,476,257**
[13] A1

[51] **Int.Cl. 7C07D 498/18 7A61K 31/436**
[25] EN
[54] **O-ALKYLATED RAPAMYCIN DERIVATIVES AND THEIR USE, PARTICULARLY AS IMMUNOSUPPRESSANTS**
[54] **DERIVES DE RAPAMYCINE ALKYLES EN O ET LEUR UTILISATION, PRINCIPALEMENT COMME IMMUNOSUPPRESSEURS**
[72] COTTENS, SYLVAIN, CH
[72] SEDRANI, RICHARD, CH
[71] NOVARTIS AG, CH
[22] 1993-09-24
[41] 1994-04-28
[62] 2,145,383
[30] GB (9221220.8) 1992-10-09

[21] **2,476,714**
[13] A1

[51] **Int.Cl. 7H03M 7/30 7H04B 1/66**
[25] EN
[54] **"METHOD AND APPARATUS FOR COMPRESSING AND TRANSMITTING HIGH SPEED DATA"**
[54] **METHODE ET APPAREIL DE COMPRESSION ET DE TRANSMISSION DE DONNEES A HAUT E VITESSE**
[72] KURTZ, SCOTT DAVID, US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[22] 1997-11-04
[41] 1998-05-14
[62] 2,405,527
[30] US (08/743,749) 1996-11-07

[21] **2,477,750**
[13] A1

[51] **Int.Cl. 7D06F 75/08**
[25] EN
[54] **ELECTRIC STEAM IRON WITH IMPROVED WATER TANK AND SKIRT ASSEMBLY**
[54] **FER A VAPEUR AVEC ASSEMBLAGE RESERVOIR D'EAR ET JUPE AMELIORE**
[72] DRIZOS, GEORGE M., US
[72] FARRINGTON, RICHARD I., US
[71] BLACK & DECKER INC., US
[22] 1996-11-27
[41] 1997-07-17
[62] 2,191,418
[30] US (08/587,313) 1996-01-16

[21] **2,481,077**
[13] A1

[51] **Int.Cl. 7A61K 31/16 7C12N 5/00 7A61P 35/00 7C12N 1/38**
[25] EN
[54] **BETA-ALETHINE USE IN CELL CULTURE AND THERAPY**
[54] **UTILISATION DE BETA-ALETHINE EN CULTURE CELLULAIRE ET EN THERAPIE**
[72] MANN, PAUL L., US
[72] KNIGHT, GALEN D., US
[72] SCALLEN, TERENCE J., US
[71] MANN, PAUL L., US
[71] KNIGHT, GALEN D., US
[71] SCALLEN, TERENCE J., US
[22] 1993-01-22
[41] 1994-01-28
[62] 2,087,883
[30] US (07/919,253) 1992-07-27
[30] US (07/924,977) 1992-08-05

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[21] **2,481,564**
[13] A1

[51] **Int.Cl. 6H02H 7/22 6H02H 3/20**
[25] EN
[54] **INTEGRATED PROTECTION SYSTEM FOR ELECTRICAL DISTRIBUTION**

[54] **SYSTEME DE PROTECTION INTEGRE POUR SYSTEME DE DISTRIBUTION ELECTRIQUE**

[72] TURNER, DUANE L., US
[72] WONG, KON B., US
[72] FIXEMER, JAMES V., US
[72] FLEEGE, DENNIS W., US
[72] WIESE, GREGORY S., US
[72] BETTIS, CHARLES D., US
[72] DICKENS, JAMES W., US
[72] LARSON, BRETT E., US
[72] HAUN, ANDY A., US
[72] ERGER, ROBERT J., US
[72] BROOKS, STANLEY J., US
[72] DVORAK, ROBERT F., US
[71] SQUARE D. COMPANY, US
[22] 1998-01-23
[41] 1998-08-13
[62] 2,278,708
[30] US (08/788,969) 1997-01-24
[30] US (08/789,659) 1997-01-27
[30] US (08/794,848) 1997-02-04
[30] US (08/796,745) 1997-02-06
[30] US (08/799,095) 1997-02-11
[30] US (08/804,420) 1997-02-21
[30] US (08/827,031) 1997-03-25
[30] US (08/825,005) 1997-03-26

[21] **2,481,622**
[13] A1

[51] **Int.Cl. 7G01N 27/26**
[25] EN
[54] **AN APPARATUS AND METHOD FOR DETERMINING THE CONCENTRATION OF A COMPONENT IN A FLUID**

[54] **DISPOSITIF ET PROCEDE POUR INDIQUER LA CONCENTRATION D'UN COMPOSANT DANS UN FLUIDE**

[72] BEATY, TERRY ALLEN, US
[72] KUHN, LANCE SCOTT, US
[72] SVETNIK, VLADIMIR, US
[72] BURKE, DAVID W., US
[71] ROCHE DIAGNOSTICS CORPORATION, US
[22] 1998-12-21
[41] 1999-07-01
[62] 2,310,021
[30] US (08/996,280) 1997-12-22

[21] **2,481,625**
[13] A1

[51] **Int.Cl. 7A47C 7/54**
[25] EN

[54] **ARM HEIGHT ADJUSTMENT MECHANISM FOR A CHAIR**

[54] **MECANISME DE REGLAGE EN HAUTEUR DES BRAS D'UN FAUTEUIL**

[72] KOPISH, ANDREW J., US
[72] DART, MARK D., US
[71] KRUEGER INTERNATIONAL, INC., US
[22] 2001-03-20
[41] 2001-12-09
[62] 2,341,342
[30] US (09/591,326) 2000-06-09

[21] **2,481,709**
[13] A1

[51] **Int.Cl. 7E02B 3/04 7B65D 77/04 7B32B 7/08**

[25] EN
[54] **IMPROVED GEOTEXTILE CONTAINER AND METHOD OF PRODUCING SAME**

[54] **RECEPTACLE DE GEOTEXTILE AMELIORE ET SON PROCEDE DE FABRICATION**

[72] BRADLEY, ANTHONY S., US
[71] BRADLEY INDUSTRIAL TEXTILES, INC., US
[22] 1998-05-29
[41] 1998-12-10
[62] 2,293,505
[30] US (08/870,525) 1997-06-06

[21] **2,481,830**
[13] A1

[51] **Int.Cl. 7B05C 3/09 7B05C 13/00 7A61J 3/06 7B05D 1/18**

[25] EN
[54] **PROCESS AND APPARATUS FOR THE GELATIN COATING OF MEDICAMENTS**

[54] **PROCEDE ET APPAREIL D'ENROBAGE DE MEDICAMENTS PAR DE LA GELATINE**

[72] VO, PATRICK, US
[72] SLATER, DANIEL A., US
[72] TORRES, LUIS R., US
[72] REVELLE, DAVID J., US
[72] REITER, THOMAS C., US
[72] BREHAUT, JEFFREY D., US
[72] KUCHARSKI, THOMAS, US
[72] HOOVER, LINN, US
[71] BAYER CORPORATION, US
[22] 1998-07-01
[41] 1999-02-04
[62] 2,266,445
[30] US (08/900,225) 1997-07-24

[21] **2,481,833**
[13] A1

[51] **Int.Cl. 7B05C 13/00 7A61J 3/06 7B05C 3/09**

[25] EN
[54] **PROCESS AND APPARATUS FOR THE GELATIN COATING OF MEDICAMENTS**

[54] **PROCEDE ET APPAREIL D'ENROBAGE DE MEDICAMENTS PAR DE LA GELATINE**

[72] REITER, THOMAS C., US
[72] REVELLE, DAVID J., US
[72] SLATER, DANIEL A., US
[72] HOOVER, LINN, US
[72] KUCHARSKI, THOMAS, US
[72] TORRES, LUIS R., US
[72] BREHAUT, JEFFREY D., US
[71] BAYER CORPORATION, US
[22] 1998-07-01
[41] 1999-02-04
[62] 2,266,445
[30] US (08/900,225) 1997-07-24

[21] **2,481,836**
[13] A1

[51] **Int.Cl. 7A61J 3/00**

[25] EN
[54] **PROCESS AND APPARATUS FOR THE GELATIN COATING OF MEDICAMENTS**

[54] **PROCEDE ET APPAREIL D'ENROBAGE DE MEDICAMENTS PAR DE LA GELATINE**

[72] HOOVER, LINN, US
[72] BREHAUT, JEFFREY D., US
[72] REITER, THOMAS C., US
[72] KUCHARSKI, THOMAS, US
[72] REVELLE, DAVID J., US
[72] SLATER, DANIEL A., US
[72] VO, PATRICK, US
[72] TORRES, LUIS R., US
[71] BAYER CORPORATION, US
[22] 1998-07-01
[41] 1999-02-04
[62] 2,266,445
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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,481,862**
[13] A1

[51] **Int.Cl. 7A61M 5/00 7A61B 5/15
7G01N 33/49**
[25] EN
[54] **DEVICE FOR THE DETECTION OF
ANALYTE AND ADMINISTRATION OF
A THERAPEUTIC SUBSTANCE**
[54] **DISPOSITIF DE DETECTION D'UN
ANALYTE ET D'ADMINISTRATION
D'UNE SUBSTANCE THERAPEUTIQUE**
[72] HENNING, TIMOTHY P., US
[72] ELSTROM, TUAN A., US
[72] SHAIN, ERIC B., US
[72] KHALIL, GAMAL, US
[71] ABBOTT LABORATORIES, US
[22] 1996-11-26
[41] 1997-06-26
[62] 2,240,405
[30] US (08/574,880) 1995-12-19

[21] **2,481,868**
[13] A1

[51] **Int.Cl. 7A61K 31/573 7A61M 15/00
7A61K 9/16 7A61K 47/26 7A61K 9/72**
[25] EN
[54] **PREPARATION OF POWDER
AGGLOMERATES**
[54] **PREPARATION
D'AGGLOMERATS DE POUDRE**
[72] YANG, TSONG-TOH, US
[71] SCHERING CORPORATION, US
[22] 1998-03-16
[41] 1998-09-24
[62] 2,282,360
[30] US (08/821,129) 1997-03-20

[21] **2,481,870**
[13] A1

[51] **Int.Cl. 7C08L 83/02 7C08J 3/02
7C08K 3/10 7C08K 3/22**
[25] EN
[54] **POLYSILICATE MICROGELS AND
SILICA-BASED MATERIALS**
[54] **MICROGELS DE POLYSILICATE
ET MATIERES A BASE DE SILICE**
[72] PERSSON, MICHAEL, SE
[72] SIKKAR, REIN, SE
[72] TOKARZ, MAREK TADEUSZ, SE
[71] AKZO NOBEL N.V., NL
[22] 1998-06-08
[41] 1998-12-17
[62] 2,292,577
[30] SE (9702207-3) 1997-06-09
[30] US (60/049,105) 1997-06-09
[30] EP (97850092.4) 1997-06-09
[30] EP (97850101.3) 1997-06-19
[30] EP (97850109.6) 1997-07-04

[21] **2,481,880**
[13] A1

[51] **Int.Cl. 7F01M 11/06 7F02B 63/02
7F01M 11/02 7F01M 1/04 7F01M 1/06**
[25] EN
[54] **FOUR-STROKE INTERNAL
COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION
INTERNE A QUATRE TEMPS**
[72] WIATROWSKI, DARRELL ALBERT,
US
[72] HOTZ, PETER, US
[72] BRAUN, MICHAEL PAUL, US
[72] BARTELT, RONALD LEE, US
[72] HUBBARD, BRIAN, US
[72] HIRSCH, NICHOLAS ROBERT, US
[72] SCHAEFER, MARK DONALD, US
[71] BRIGGS & STRATTON
CORPORATION, US
[22] 2000-01-13
[41] 2000-07-27
[62] 2,368,207
[30] US (60/117,215) 1999-01-25

[21] **2,482,198**
[13] A1

[51] **Int.Cl. 7A61B 17/12 7A61B 17/28**
[25] EN
[54] **SURGICAL DEVICE WITH
MALLEABLE SHAFT**
[54] **INSTRUMENT CHIRURGICAL
AVEC BRAS MALLEABLE**
[72] BLOCK, THOMAS J., US
[72] WILLIAMS, DONALD B., US
[72] GRAY, JOEL DONALD, US
[72] GOSGROVE, DELOS M., III, US
[71] ALLEGIANCE CORPORATION, US
[71] GOSGROVE, DELOS M., III, US
[22] 1998-09-24
[41] 1999-04-01
[62] 2,272,895
[30] US (08/936,394) 1997-09-25

[21] **2,482,559**
[13] A1

[51] **Int.Cl. 7A61K 31/7048 7A61P 31/04**
[25] EN
[54] **PROCESSES FOR PREPARING
CRYSTALLINE AND AMORPHOUS
MUPIROCIN CALCIUM**
[54] **PROCEDES DE PREPARATION DE
MUPIROCINE CALCIQUE**
[54] **CRISTALLINE ET AMORPHE**
[72] SZABO, CSABA, HU
[72] SINGER, CLAUDE, IL
[72] MESZAROS SOS, ERZSEBET, HU
[72] GYURICZA, LORANT, HU
[71] BIOGAL GYOGYSZERGYAR RT.,
HU
[22] 2002-11-06
[41] 2003-08-14
[62] 2,460,970
[30] US (60/344,117) 2001-12-28
[30] US (60/344,118) 2001-12-28
[30] US (60/348,142) 2002-01-11
[30] US (60/348,183) 2002-01-11
[30] US (60/360,721) 2002-03-01
[30] US (60/368,735) 2002-03-29

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index of Canadian Patents Issued

December 14, 2004

Index des brevets canadiens délivrés

14 décembre 2004

ABB INC.	2,187,702	ASAHI GLASS COMPANY LTD.	2,128,981	BIO MEDIC DATA SYSTEMS, INC.	2,279,583
ABBOTT LABORATORIES	2,136,075	ASAHI, TAKASHI	2,213,079	BIO MEDIC DATA SYSTEMS, INC.	2,279,584
ABE, SHIZUO	2,297,615	ASTEC INDUSTRIES, INC.	2,152,084	BITTINGER, REED RICHARD	2,218,169
ABOULOUME, ISSAM	2,440,614	ASTRA AKTIEBOLAG	2,166,109	BJORK, NANCY S.	2,067,162
ABRAMSON, STEVE	2,213,582	AUGUSTINE, SCOTT D.	2,284,166	BLACK & DECKER INC.	2,183,026
ABREO, MELWYN A.	2,136,075	AVAYA TECHNOLOGY CORP.	2,330,263	BLUNDELL, CHRIS C.	2,296,975
ACEVEDO, OSCAR L.	2,180,867	AVAYA TECHNOLOGY CORP.	2,330,836	BOEHRINGER INGELHEIM (CANADA) LTD.	
ADAIR, RANDY W.	2,312,919	AXONN, L.L.C.	2,223,560	BOEHRINGER INGELHEIM (CANADA) LTEE	2,195,841
ADAMS, EDWARD JOHN	2,235,146	AZAR, TONY	2,359,923	BOFFITO, CLAUDIO	2,152,241
ADAMS, JEFFREY K.	2,286,889	AZKONA		BOHUSCH, MICHAEL	2,118,378
ADERANS CO., LTD.	2,290,632	OLLACARIZQUETA, MANUEL	2,295,347	BOMAR, JOHN B., JR.	2,260,635
AGG, CHARLES SIMON JAMES	2,175,674	BACKSTROM, KJELL GORAN ERIK	2,166,109	BORELLI-SANBORD, KIM	2,328,384
AGRAWAL, RAKESH	2,322,400	BAE, INSOO	2,284,278	BOSTON SCIENTIFIC CORPORATION	2,180,138
AHMED, MUNIR	2,235,774	BAIKA, TOYOKAZU	2,297,615	BOURDON, JEAN-CLAUDE	2,108,315
AIR PRODUCTS AND CHEMICALS, INC.	2,322,400	BAKER HUGHES INCORPORATED	2,249,168	BRENCO, INCORPORATED	2,350,138
AIR PRODUCTS AND CHEMICALS, INC.	2,323,020	BAKER HUGHES INCORPORATED	2,286,889	BRETON, LIONEL	2,235,038
AIR PRODUCTS AND CHEMICALS, INC.	2,323,297	BAKER HUGHES INCORPORATED	2,335,075	BREYER, STEPHEN R.	2,271,619
AIR PRODUCTS AND CHEMICALS, INC.	2,344,875	BALLARD GENERATION SYSTEMS INC.	2,238,237	BRITISH NUCLEAR FUELS PLC	2,233,996
AKZO NOBEL N.V.	2,322,278	BARD PERIPHERAL VASCULAR, INC.	2,189,662	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	2,173,942
ALBER, GERHARD	2,202,972	BARD PERIPHERAL VASCULAR, INC.	2,245,897	BRITTON, ROBERT ALLEN (DECEASED)	2,224,195
ALCAN INTERNATIONAL LIMITED	2,284,575	BARNES, AUSTEN BERNARD	2,133,474	BRONS, GLEN	2,215,893
ALCAN INTERNATIONAL LIMITED	2,336,685	BARTELS, ANTONIUS JOSEPHUS	2,237,959	BRONS, GLEN BARRY	2,235,735
ALLAYE-CHAN, MARK	2,337,285	BARTLETT, KEITH R.	2,118,183	BROOKE, BARBARA CATHERINE	2,146,322
ALLER-GARD 100 PRODUCTS, INC.	2,213,582	BASS, JONATHAN L.	2,246,767	BROOKS, ANDREW G.	2,335,075
ALLISON, JAMES	2,286,889	BASTEN, JOHANNES	2,261,597	BRUCKERHOFF, SCOTT A.	2,449,617
ALUMINIUM PECHINEY	2,249,464	BASTIEN, ALEX	2,348,709	BRUN, STEPHANE	2,216,005
ALVEY SYSTEMS, INC.	2,331,658	BATTARD, JEAN-CLAUDE	2,108,563	BUCCI, DONALD PETER	2,323,020
AMERONGEN, MARNIX P. VAN	2,245,466	BAUGHMAN, RICHARD C.	2,358,794	BUCCI, KIMBERLEY	2,310,350
AMGEN INC.	2,286,092	BAUMANN, HERVE	2,193,509	BUCHERT, JANUSZ M.	2,290,957
ANALYTICA OF BRANFORD, INC.	2,318,586	BEATY, VIRGIL J.	2,117,554	BUNDLE, DAVID	2,251,674
ANDO, EIICHI	2,128,981	BEAU, CHRISTIAN	2,233,409	BURNS, DAVID H.	2,362,693
ANDRIEN, BRUCE A., JR.	2,318,586	BEEKMAN, ALICE C.	2,286,092	BURNS, JAMES G.	2,132,019
ANDRITZ INC.	2,222,664	BELLMAN, DAVID H.	2,091,830	BURNS, MICHAEL EUGENE	2,261,103
ANWAR, MOHAMMED	2,338,454	BELVEZE, FABRICE	2,211,246	BURROWS, BRUCE D.	2,160,586
ARCH UK BIOCIDES LIMITED	2,162,268	BERENSON, STEVEN C.	2,284,413	BUSS, CHRISTOPHER	2,118,183
ARIZANT HEALTHCARE INC.	2,284,166	BEROL CORPORATION	2,328,384	CAIN, DAVID E.	2,330,105
ARMACELL ENTERPRISE GMBH	2,257,745	BERSCHIEDT, KEVIN T.	2,242,445	CAIRATTI, CLIFFORD R.	2,449,617
ARMOR, JOHN NELSON	2,323,297	BEST LOCK CORPORATION	2,113,694	CALIFORNIA INSTITUTE OF TECHNOLOGY	2,361,527
ARMOR, JOHN NELSON	2,344,875	BETZDEARBORN INC.	2,301,255	CAMPBELL, LOUIS A.	2,333,409
ARMSTRONG, GLEN	2,251,674	BIC CORPORATION	2,223,593	CAMPBELL, LOUIS A.	2,333,411
ASAEDA, TAKEAKI	2,393,506	BILLINGHAM, JOHN FREDRIC	2,358,269	CANON KABUSHIKI KAISHA	2,300,020
				CAPON, DANIEL J.	1,341,468

**Index of Canadian Patents Issued
December 14, 2004**

CAPORUSSO, ALESSANDRO	2,284,427	CULBERTSON, ROBERT		ECKER, DAVID J.	2,146,320
CAPORUSSO, MARIO	2,284,427	HARGITT	2,369,233	ECKER, DAVID J.	2,180,867
CARBONE SA VOIE	2,361,613	CYJON, ROSA L.	2,225,453	EDEN, CHARLES W., JR.	2,313,454
CARDIOCOMM SOLUTIONS INC.	2,117,720	DABEGRAN		EDMAN, PETER	2,166,109
CASCADE DESIGNS, INC.	2,338,763	TECHNOLOGIES, INC.	2,235,774	EDWARDS, STEVEN L.	2,118,529
CASE CORPORATION	2,305,903	DACULSI, GUY	2,159,739	EGGENA, DEAN A.	2,199,931
CATERPILLAR INC.	2,106,278	DADD, MICHAEL WILLIAM	2,259,605	EKHOLM, ROLF	2,172,967
CENTRE NATIONALE DE LA RECHERCHE		DAHLBACK, CARL MAGNUS		ELECTROFECT AS	2,285,056
SCIENTIFIQUE (C.N.R.S.)	2,159,739	OLOF	2,166,109	ELEMENT SIX (PTY) LTD.	2,167,119
CERTAINTED		DAIKYO SEIKO, LTD.	2,183,219	ELLINGSEN, OLAV	2,278,024
CORPORATION	2,272,784	DASSIER, CLAUDE	2,233,409	ELLIOTT, RICHARD L.	2,136,075
CHAMBERS, JOSEPH W., SR.	2,153,539	DAUGHERTY, TAMARA		ELLWOOD, DAVID	2,279,583
CHAN, NORMAN C.	2,330,263	LYNN	2,322,400	ELLWOOD, DAVID	2,279,584
CHAN, NORMAN C.	2,330,836	DAVIDSON, JOHN B.	2,306,855	ELMENDORF, PATRICK	2,371,465
CHAND, SUKHMAL	2,338,454	DAVIS, EMERY W.	2,245,614	EMIG, LENORE ANN	2,344,875
CHANEY, MARK MICHAEL	2,373,949	DAVIS, PETER W.	2,180,867	ENGSTROM, BJORN	2,322,278
CHAPMAN, DANIEL R.	2,316,415	DAVISON, DOUGLAS W.	2,242,445	ENTREPRISE JEAN LEFEBVRE	2,268,167
CHASSE, R. FRED	2,222,664	DAVISSON, THOMAS L.	2,284,575	ENZON, INC.	2,154,170
CHATTERJEE, NIRMAL	2,323,020	DE LACHARRIERE, OLIVIER	2,235,038	EPP, MARK A.	2,238,237
CHELATOR LLC	2,225,453	DECUADRO-HANSEN, GUSTAVO	2,233,409	ERNST, RONALD L.	2,331,658
CHIPPOWER.COM, INC.	2,354,454	DEDONCKER, RIK WIVINA		ESNAULT, DANIEL	2,108,563
CHIUMINATTA, ALAN RAY	2,129,654	ANNA ADELSON	2,108,403	ETABLISSEMENTS V. MANE FILS	2,108,563
CHIUMINATTA, EDWARD R.	2,129,654	DEERE & COMPANY	2,279,169	EUREKA OIL ASA	2,278,024
CHIV, LIM	2,181,450	DEERE & COMPANY	2,344,951	EWES ENTERPRISES, L.L.C.	2,272,630
CHOLET, HENRI	2,108,315	DEERE & COMPANY	2,357,656	EXXON RESEARCH AND ENGINEERING	
CHRISTENSEN, JOHN M.	2,202,499	DEERE & COMPANY	2,373,949	COMPANY	2,215,893
CHRISTENSEN, JORGEN	2,336,685	DEGUSSA AG	2,235,146	EXXON RESEARCH AND ENGINEERING	
CLARIANT GMBH	2,118,378	DEL MONTE CORPORATION	2,076,428	COMPANY	2,235,735
CLARK EQUIPMENT COMPANY	2,199,931	DELECRIN, JOEL	2,159,739	EXXONMOBIL CHEMICAL PATENTS INC.	2,146,322
CLARKSON, KATHLEEN A.	2,067,162	DEMARCO, DANIEL L.	2,357,125	PATENTS INC.	2,148,079
CLOUD, MICHAEL L.	2,212,208	DEPOORTER, MARK CHARLES	2,344,951	EXXONMOBIL CHEMICAL PATENTS INC.	2,199,171
CML INTERNATIONAL S.P.A.	2,284,427	DEREUME, JEAN-PIERRE		PATENTS INC.	2,237,959
CNC ATLAS MANUFACTURING INC.	2,307,974	GEORGES EMILE	2,234,948	FAIREY ARLON B.V.	2,229,818
COERS, BRUCE ALAN	2,373,949	DESSAUX, CHRISTOPHE	2,263,953	FALKE KG	
COHEN, BERNARD	2,212,984	DEW ENGINEERING AND DEVELOPMENT		FEINTOOL INTERNATIONAL HOLDING	2,250,019
COKELEY, JEFFREY H.	2,358,794	LIMITED	2,310,350	FELS, DEBORAH INGRID	2,289,697
COLARUSSO, PETER C.	2,118,183	DEWEY, CHARLES H.	2,108,916	FENNESSY, CRAIG J.	2,153,539
COLELLA, MICHAEL	2,084,173	DEWEY, CHARLES H.	2,108,917	FERLAND, JEAN-MARIE	2,195,841
COLONE, WILLIAM M.	2,189,662	DI LEO, VINCENZO	2,162,680	FIBERSPAR CORPORATION	2,233,345
COOK, PHILIP DAN	2,146,320	DIAGRAPH CORPORATION	2,449,617	FICARA, PASQUALE	2,336,685
COOK, PHILLIP DAN	2,180,867	DICKSON, MONTE ANDRE	2,305,903	FIELD, JEFFREY F.	2,312,919
COOPER AUTOMOTIVE PRODUCTS, INC.	2,185,125	DING, HAO	2,344,875	FIELDS, WILLIAM A.	2,125,796
COOPER, DAVID A.	2,145,201	DIRKS, DAVID D.	2,357,656	FISCHBACH, WILHELM	2,351,173
COPPERWELD CANADA INC.	2,262,777	DJ ORTHOPEDICS, LLC	2,115,215	FISCHBACH, WILHELM	2,360,548
CORCORAN, JEREMY J.	2,162,367	DOBSON, ANDREW	2,249,168	FISHER DYNAMICS CORPORATION	2,136,117
CORNELIUS, ERWIN D.	2,106,278	DOUCET, MICHEL	2,223,593	FISHER, GIL	2,129,090
CORTESE, RICCARDO	2,290,740	DRAUZ, KARLHEINZ	2,235,146	FKI INDUSTRIES INC.	2,357,125
CORVITA CORPORATION	2,234,948	DRAVENSTADT, LOWELL V.	2,076,428	FLANEGAN, JAMES A.	2,323,108
CORVITA CORPORATION	2,236,959	DREEF-TROMP, CORNELIA	2,261,597	FLOW DESIGN, INC.	2,174,091
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	2,338,454	DREYFUZ, JEAN-MICHEL	2,361,613	FMC TECHNOLOGIES, INC.	2,330,105
COVE, HARRY RICHARD	2,363,974	DRIGUEZ, PIERRE		FORD, MICHAEL EDWARD	2,323,297
COWFER, JOSEPH ALLEN	2,191,962	ALEXANDRE	2,261,597	FOREMOST INDUSTRIES INC.	2,039,535
COWSERT, LEX M.	2,296,535	DRISCOLL, JOHN CUERVO	2,185,125	FORESTIER, ALEXANDRE	2,218,459
CRAWFORD, JAMES	2,234,753	DRUMMOND, ROGER	2,231,744	FOSTER, SUJEANNE	2,330,836
CREBER, DAVID K.	2,336,685	DSM IP ASSETS B.V.	2,111,595	FRAENKEL, MICHAEL LEVI	2,218,169
CREO IL. LTD.	2,129,090	DUCHAUSSOY, PHILIPPE	2,261,597	FRANZ PLASER BAHNBAUMASCHINEN-	
CRYOVAC, INC.	2,127,416	DUPHAR-INTERFRAN LTD.	2,084,855		
CRYPTTEK, INC.	2,422,268	DURAMETAL CORPORATION			
			2,337,636		
		DYKEMAN, ALLAN H.	2,438,966		
		EASTMAN KODAK COMPANY	2,358,794		
		EATON CORPORATION	2,198,575		

**Index des brevets canadiens délivrés
14 décembre 2004**

INDUSTRIEGESELLSCH AFT M.B.H.	2,151,993	GRIMANDI, GAEL	2,159,739	HOLYWELL, GEORGE C.	2,336,685
FRANZ PLASSER		GROFF, DONALD E.	2,364,345	HONDA GIKEN KOGYO	
BAHNBAUMASCHINEN- INDUSTRIEGESELLSCH AFT M.B.H.	2,158,320	GROOTENHUIS, PETER	2,261,597	KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.)	2,273,255
FREEZING MACHINES, INC.	2,342,786	GROUPE SPORTCHIEF INC./ SPORTCHIEF GROUP INC.	2,344,726	HONDA GIKEN KOGYO	
FREIER, SUSAN M	2,146,320	GROVES, LEONARD J.	2,272,630	KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.)	2,322,915
FUJIMORI, KOUKICHI	2,297,615	GUERIN, FRANCOIS	2,159,739	HONG, SEUNG-SUH	2,284,278
FULLWOOD, DAVID TOD	2,233,996	GUIET, LIONEL	2,279,169	HONG, WONPYO	2,235,146
FUNDERBURK, JEFFREY V.	2,312,919	GUNN, DAVID E.	2,136,075	HONIGSBAUM, RICHARD	2,246,861
GADSBY, ELIZABETH DEIBLER	2,208,496	GUPTA, ANIL	2,332,298	HORSPOOL, ROBERT NIGEL STANHOPE	2,117,720
GAETA, ANTHONY C.	2,245,562	GUPTA, VISHWA	2,218,196	HOTTOVY, JOHN D.	2,362,693
GALANT, STEVE N.	2,307,974	GUSE, INGRID	2,195,841	HOUGH, PAUL A.	2,257,745
GARAT, MICHEL	2,249,464	GUSTAFSON, KEITH W.	2,132,946	HOUSEL, BARRON CORNELIUS III	2,218,169
GARCES, LUIS J.	2,152,625	GUTIERREZ, ANTONIO	2,199,171	HU, TENG-FU	2,366,647
GARNETT, MARK W.	2,350,138	HABIBI, MASOOD	2,234,551	HUBBELL INCORPORATED	2,102,014
GARVEY, DAVID S.	2,136,075	HA-INTERNATIONAL, LLC	2,187,706	HUGHES, JOHN THOMAS	2,196,366
GAUTHIER, GERARD PHILIPPE	2,315,359	HALIBURTON COMPANY	2,108,916	HUGUENIN, DENIS	2,243,400
GEBR. GOLDSCHMIDT BAUBESCHLAGE GMBH	2,119,400	HALIBURTON COMPANY	2,108,917	HYDE-THOMSON, HENRY C.A.	2,242,065
GEC ALSTHOM TRANSPORT SA	2,216,005	HALLE, ROY THOMAS	2,148,079	IBA, HIDEKI	2,268,534
GELUK, HENDRIK W. GENENCOR	2,084,855	HALLIBURTON ENERGY SERVICES, INC.	2,196,371	ICHIKAWA, HIROMITSU	2,329,117
INTERNATIONAL, INC.	2,067,162	HALLIBURTON ENERGY SERVICES, INC.	2,231,904	IDEE & PRODOTTI S.R.L.	2,162,680
GENENTECH, INC.	1,341,468	HALLIBURTON ENERGY SERVICES, INC.	2,242,445	ILCHENKO, VLADIMIR	2,361,527
GENERAL ELECTRIC COMPANY	2,108,403	HAMANN, OLIVER S.	2,285,189	ILLINOIS TOOL WORKS INC.	2,281,478
GENERAL INSTRUMENT CORPORATION	2,364,345	HAMEL, LYN EDWARD	2,113,694	ILLINOIS TOOL WORKS INC.	2,395,537
GEOX S.P.A.	2,234,720	HAN, MAN YOP	2,349,855	IMMEGA, GUY BROER	2,294,004
GERBER, ANDRE	2,118,183	HANSEN, RICHARD W.	2,371,465	IMPERIAL OIL RESOURCES LIMITED	2,349,234
GERBER, EDWIN MILTON	2,344,951	HARDY, PHIL	2,344,726	INJURY SCIENCES LLC	2,260,635
GEREZ, VALERIO	2,206,154	HARRIS CORPORATION	2,409,565	INSTITUT FRANCAIS DU PETROLE	2,108,315
GERSHONY, MOSHE	2,129,090	HARRIS, GEORGE M.	2,272,630	INSTRUMENTS DE MEDECINE VETERINAIRE	2,233,409
GETZEWICH, LEE A.	2,338,763	HART, PAUL R.	2,301,255	INTERCONSTEC CO., LTD.	2,349,855
GIAT INDUSTRIES	2,263,953	HARTMANN, THOMAS	2,337,587	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,218,169
GILDAY-WEBER, KIMBERLY ANN	2,369,233	HASHIM, AMID IHSAN	2,318,673	INTERNATIONAL SECURITY PRODUCTS, INC.	2,313,454
GILLBERG-LAFORCE, GUNILLA ELSA	2,208,496	HASHIMA, TAKASHI	2,297,615	IRVIN, RANDALL T.	2,251,674
GINGRAS, LUC	2,337,636	HASHIMOTO, AKIRA	2,322,915	ISIS INNOVATION LIMITED	2,259,605
GIORDANO, ANTONIO	2,169,355	HASHIZUME, MITSUO	2,322,915	ISIS PHARMACEUTICALS, INC.	2,146,320
GIRAULT, DANIEL GEORGES	2,315,359	HATSUK CORPORATION	2,269,509	ISIS PHARMACEUTICALS, INC.	2,180,867
GIVAUDAN SA	2,117,408	HAYNES, MICHAEL JONATHON	2,296,195	ISIS PHARMACEUTICALS, INC.	2,296,535
GLADYSHEV, GEORGI PAVLOVICH	2,327,747	HAYNES, MICHAEL JONATHON	2,326,268	ISLEY, REGGALD EMORY	2,283,028
GOACOLOU, HONORE	2,268,167	HEBERT, NORMAND	2,180,867	ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A.	2,290,740
GOETTEL, WALTER E.	2,231,744	HECKLER & KOCH GMBH	2,351,173	ITO, MASATAKA	2,290,632
GOLDENBERG, MERRILL SEYMOUR	2,286,092	HECKLER & KOCH GMBH	2,360,548	ITO, TAKASHI	2,291,929
GOLDSCHMIDT, HANS-GERD	2,119,400	HEISEY, KENNETH E.	2,257,745	JACKSON, GRAHAM	2,146,322
GOLESTAN, FARHAD	2,174,091	HELLWIG, JOHN	2,199,315	JAIN, PRAVEEN KUMAR	2,354,454
GOLLNER, WILHELM	2,357,656	HENDRICKSON, LARRY LEE	2,305,903	JANI, WILLIAM	2,224,917
GOODMAN, ANDREW	2,333,716	HENNEN, VIRGIL CHIP	2,371,465	JANSSON, ULF	2,172,967
GOODNIGHT, TRENT LYNN	2,357,656	HERBERT, JEAN-MARC	2,261,597		
GOODRICH, ROBERT RAY	2,318,673	HERNANDEZ, DIDIER HIPPOLYTE	2,218,459		
GOTTLING, JOSEF	2,337,587	HIGASHIHARA, TAKANORI	2,291,929		
GREENWALD, RICHARD B.	2,154,170	HIGH, GRANT LYSLE	2,167,119		
GRENOBLE, DANE CLARK	2,148,079	HILL, THOMAS G.	2,318,217		
GRIFFITH, JAMES E.	2,196,371	HILTON, DENNIS M.	2,361,007		
		HIRAI, FUMIYASU	2,213,079		
		HJALTASON, DANIEL THORGEIR	2,119,473		
		HODGES, ROBERT S.	2,251,674		
		HOECHST CELANESE CORPORATION	2,124,834		
		HOFER, PETER	2,167,119		
		HOKANSON, JON V.	2,285,189		

**Index of Canadian Patents Issued
December 14, 2004**

JENKINS, ROBERT F.	2,118,183	KLOPFENSTEIN, TERRY		LUCENT TECHNOLOGIES	
JENSEN, RODERICK JAMES	2,373,949	JAMES	2,224,195	INC.	2,318,673
JERNIGAN, TERRY A.	2,187,702	KNOX, ALISTAIR J.	2,162,367	MACAUDIERE, PIERRE	2,243,400
JODA ENTERPRISES, INC.	2,306,855	KOBAYASHI ENGINEERING		MACGREGOR, DAVID	2,234,948
JOHANSSON, ANN		WORKS LTD.	2,246,009	MACK, KARL E.	2,118,378
CHARLOTTE BIRGIT	2,166,109	KOBAYASHI, SHOGO	2,246,009	MACROVISION	
JOHNSON & JOHNSON		KOBAYASHI, TATSUO	2,297,615	CORPORATION	2,162,367
PROFESSIONAL, INC.	2,122,066	KOIKE, YASUHIRO	2,098,604	MAGNA INTERIOR SYSTEMS	
JOHNSON, CLARENCE		KOLANUS, WALDEMAR	2,104,957	OF AMERICA, INC.	2,249,243
WILLIAM	2,039,535	KOLBERG, KENNETH		MAKINO, MASAHIRO	2,290,632
JOHNSON, DOUGLAS RENE	2,357,656	DANIEL	2,198,575	MALEKI, LUTFOLLAH	2,361,527
JOHNSON, HAROLD D.	2,108,916	KOLEILAT, BASHIR M.	2,330,105	MALENFANT, ERIC	2,195,841
JOHNSON, HAROLD D.	2,108,917	KOTT, KEVIN LEE	2,261,103	MALEWSKI, WOJCIECH	
JOHNSON, BO	2,322,278	KOWALCHUK, LOREN G.	2,363,974	MAREK	2,369,467
JONES, MARVIN E.	2,116,983	KOZYRSKI, VINCENT T.	2,280,362	MAN ROLAND	
JONES, MURRAY K.	2,187,702	KRAFT, DIETER H.	2,323,108	DRUCKMASCHINEN AG	2,337,587
JUNG, NEON-CHEOL	2,284,278	KRAJCIR, DEZI A.	2,247,157	MANDAI, SHIGEMI	2,342,685
JWC ENVIRONMENTAL	2,153,539	KRAJCIR, DEZI A.	2,336,429	MANE, JEAN MAURICE	
KAATTARI, STEVE	2,202,499	KRAWCZYK, JULIE A.	2,231,744	EUGENE	2,108,563
KABUSHIKI KAISHA		KRUGER, ULF	2,245,897	MANNING, ROBERT L.	2,187,706
TOYOTA JIDOSHOKKI	2,368,598	KRY, P. RICHARD	2,349,234	MANOHARAN, MUTHIAH	2,296,535
KALDE, FRANZ-JOSEF	2,229,818	KUFELD, SCOTT E.	2,362,693	MAPLE CHASE COMPANY	2,369,467
KAMIREDDY, BALREDDY	2,235,146	KUMAR, SUSHIL	2,338,454	MARANGONI, LORIE	2,199,315
KANAI, YUTAKA	2,291,929	KUMASAKA, YOSHINORI	2,329,825	MARANO, APRIL A.	2,312,919
KANEGAFUCHI KAGAKU		KUREHA CHEMICAL		MARCOCCIA, BRUNO S.	2,222,664
KOGYO KABUSHIKI		INDUSTRY CO., LTD.	2,288,905	MARITIME HYDRAULICS AS	2,240,797
KAISHA	2,213,079	KVAERNER PULPING		MARTICH, MARK E.	2,370,086
KARSTENMANUFACTURING		AKTIEBOLAG	2,172,967	MARTIN, TIMOTHY J.	2,118,183
CORPORATION	2,324,829	KWAN, MORI Y.	2,349,234	MARTINEZ, ANTHONY J.	2,154,170
KARUBIAN, RALPH K.	2,148,027	LAAKSO, RICHARD O.	2,222,664	MARUYAMA, AKIHIKO	2,291,929
KASINA, SUDHAKAR	2,180,555	LAAPOTTI, JORMA	2,117,215	MASON, JAMES B.	2,183,026
KATO, YOSHISHIGE	2,291,929	LAD, PUSHKARAJ J.	2,067,162	MASTER FLO VALVE INC.	2,363,974
KAWASAKI, ANDREW M.	2,146,320	LANGDAL, JAMES	2,332,298	MASTERS, BEN F.	2,159,504
KEARNEY-NATIONAL, INC.	2,370,086	LANUS, MARK	2,332,298	MASUNAGA, HIROSHI	2,393,506
KEEFER, DOROTHY KRAUSE	2,076,428	LARSON, TROY W.	2,323,108	MATHIESEN, IACOB	2,285,056
KELLER, LEE W.	2,127,416	LASER SENSOR		MATRA COMMUNICATION	2,211,246
KEMPINSKI, STEVE JOHN	2,185,125	TECHNOLOGY, INC.	2,285,189	MATSUNAGA, YASUHIKO	2,259,085
KENNEDY, PAUL G.	2,274,238	LASNE, XAVIER	2,211,246	MATUSITA, SOUICHI	2,297,615
KENNEDY, THOMAS J., III	2,216,505	LAWN, RICHARD M.	1,341,468	MAXEY, ROBERT R.	2,132,019
KENTMASTER MFG. CO.,		LEA, JAMES M.	2,338,763	MAY, JAMES G.	2,152,084
INC.	2,148,027	LEAMEN, JOHN A.	2,148,027	MAYZUS, ILYA A.	2,039,535
KENWARD, RACHEL		LEBEL, J. PIERRE	2,349,234	MCCONNELL, SUSAN M.	2,312,919
EVELYN MARY	2,146,322	LEBOLD, SUZANNE A.	2,136,075	MCDONALD, THOMAS M.	2,102,014
KESSLER, RONALD	2,213,582	LEE, HYUN-SOO	2,284,278	MCDONOUGH, JAMES M.	2,223,593
KETTUNEN, JYRKI	2,226,773	LEM, RUSSELL A.	2,076,428	MCGILL UNIVERSITY	2,251,674
KEYLON, GARY R.	2,152,084	LENNOX, R. BRUCE	2,251,674	MCGREGOR, MARLIN F., JR.	2,364,345
KIDD, SCOTT D.	2,260,635	LICHTBERGER, BERNHARD	2,151,993	MCGUIRE, ALAN	2,173,942
KIERKELS, JOANNES G. T.	2,111,595	LIEVENSE, LOURUS		MCKEDY, GEORGE EDWARD	
KIERMEIER, THEODOR	2,213,426	CORNELIS	2,245,466		2,174,541
KIKUCHI, MASAICHI	2,347,954	LIM, GIT B.	2,349,234	MCKIM, DARREN M.	2,323,108
KILLEN, WILLIAM DEAN	2,409,565	LIN, NAN-HORNG	2,136,075	MCWANE, INC.	2,274,238
KIM, DONG-SOO	2,284,278	LINCOLN GLOBAL, INC.	2,315,650	MEADWESTVACO	
KIMBERLY-CLARK		LINDQUIST, DAVID BRUCE	2,218,169	PACKAGING SYSTEMS	
WORLDWIDE, INC.	2,118,529	LINDSAY, RICHARD D.	2,090,575	LLC	2,294,079
KIMBERLY-CLARK		LIRON, ROGER	2,242,065	MEDTRONIC MINIMED, INC.	2,312,919
WORLDWIDE, INC.	2,208,496	LLOYD, NIGEL PAUL	2,233,996	MENAND, JEAN RENE	2,333,716
KIMBERLY-CLARK		LLOYD, THOMAS C.	2,058,784	MERCO/SAVORY, INC.	2,319,797
WORLDWIDE, INC.	2,212,984	LLOYD, THOMAS C., JR.	2,058,784	METALLGLANZ	
KINDT, LAWRENCE J.	2,361,007	LOCKETT, MICHAEL JAMES	2,358,269	GESELLSCHAFT FUER	
KINETIC SCIENCES INC.	2,294,004	LOMO, TERJE	2,285,056	ENTGERATUNG UND	
KINNUCAN, JAMES A.	2,198,402	LOOS, WYBRAND T.	2,084,855	OBERFLAECHEANTECHNI	
KIRAN, USHA	2,338,454	LOPEZ, JUAN E.	2,449,617	K MBH	2,156,644
KITOV, PAVEL	2,251,674	L'OREAL	2,235,038	METSO PAPER, INC.	2,117,215
KLEIN, JOSEPH Y.	2,225,453	LOUE, WILLEM	2,249,464	MGM GRAND, INC.	2,132,019
KLEIN, OFER	2,225,453	LOVIN, JOSEPH R.	2,127,416		
KLIMAN, GERALD BURT	2,108,403				

**Index des brevets canadiens délivrés
14 décembre 2004**

MICROPORE INTERNATIONAL LIMITED	2,196,366	NORTON, KENNETH E. NOVACOR CHEMICALS (INTERNATIONAL) S.A.	2,387,281	PRAXAIR TECHNOLOGY, INC.	2,358,269
MICROSOFT CORPORATION	2,117,845	NOVAMEDIA, LP	2,084,173	PROUGH, J. ROBERT	2,222,664
MILLIGAN, DANIEL J.	2,212,208	NYSTROM, PER	2,119,473	PULLIAM, DANIEL	2,284,575
MINISTER, DAVID BRIAN	2,448,007	OASIS CORPORATION	2,172,967	QUAN, RONALD	2,162,367
MINNESOTA MINING AND MANUFACTURING COMPANY	2,116,983	OCHIAI, HISAAKI	2,160,586	QUARANTA, JOSEPH	2,272,784
MINNESOTA VALLEY ENGINEERING, INC.	2,132,946	O'CONNOR, JAMES G.	2,294,773	QUINN, SCOTT D.	2,117,845
MIRACLE, GREGORY SCOT	2,261,103	OCTEL COMMUNICATIONS CORPORATION	2,249,243	RADTKE, DAVID E.	2,395,537
MITA, NAOKI	2,291,929	OHIRA, SEIICHI	2,242,065	RAILTON, CRAIG	2,251,674
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,342,685	OKA, MELVIN S.	2,288,905	RAJAIAH, JAYANTH	2,369,233
MIURA, HIROYUKI	2,291,929	OKABE, AKIRA	2,091,444	RAMBACH, ALAIN	2,168,114
MIYANOSHITA, TOMOAKI	2,294,773	OLSEN, JORGEN MEJNER	2,300,020	RAMOS, LUCIANO	2,091,444
MIYASHITA, KOTARO	2,322,915	OLSON, LAWRENCE P.	2,264,673	RAMPRASAD, DORAI	2,344,875
MIZUNO, TOSHIYA	2,288,905	ONAN, DAVID D.	2,282,095	REED, BARRY W.	2,285,189
MOE, RIYAD	2,333,411	OPEN TV, INC.	2,196,371	REHRIG INTERNATIONAL INC.	2,181,450
MOLLIEUX, LUDOVIC EDMOND CAMILLE	2,315,359	OREBROSKEANAN AKTIEBOLAG	2,333,716	REID, JOHN F.	2,305,903
MOMONA, MORIHISA	2,259,085	ORGANO CORPORATION	2,154,551	RENO, JOHN M.	2,180,555
MONACI, PAOLO	2,290,740	OSAKI, HISASHI	2,294,773	REPASKY, JOHN MICHAEL	2,323,020
MONIA, BRETT P.	2,146,320	OVER, GEORGE WILLIAM	2,128,981	RESENDEZ, MICHAEL R.	2,183,026
MONIA, BRETT P.	2,296,535	OVERHEAD DOOR CORPORATION	2,167,119	RHODIA CHIMIE	2,243,400
MONTAGUE, THOMAS W.	2,285,189	OXY VINYL S, L.P.	2,344,964	RICHARDSEN, JAN T.	2,222,664
MONTGRAIN, LUC	2,284,575	OYAMA, TAKUJI	2,191,962	RING, CURTIS PHILLIP	2,296,975
MOORE, TERRY L.	2,090,575	PANCRATZ, DAVID J.	2,128,981	RISLEY ENTERPRISES LTD.	2,283,028
MOREAU, EMMANUEL	2,263,953	PANDA, APARAJIT	2,260,635	RITCHIE, ALLAN	2,122,066
MORI, TOSHIHIRO	2,268,534	PARKS, DAVID ALLEN	2,328,384	RITSCHER, DAVID ERIC	2,108,403
MORIWAKI, YUKIKO	2,347,954	PASSUTI, NORBERT	2,198,575	ROBBINS & MYERS CANADA, LTD.	2,296,975
MORRIS, JAMES C.	2,115,215	PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH	2,159,739	ROBERTS, MARK JULIAN	2,322,400
MORRIS, KIMBERLEY	2,198,575	PATRA, DHARANI DHAR	2,213,426	ROBERTS, PETER M.	2,306,855
MORTON, STEVEN E.	2,272,135	PAULUS, REGIS	2,338,454	ROBERTSON, JOHN CHARLES	2,132,917
MOSS, GEOFFREY ALAN	2,448,007	PAULY, JOHN DAVID	2,361,613	ROBICHEAU, PETER	2,272,630
MOTOROLA, INC.	2,332,298	PEETERS, WIJNAND P. H.	2,162,268	ROCK, JOHN P.	2,284,166
M-REAL OYJ	2,226,773	PEITL, FRIEDRICH	2,111,595	RODET, ALAIN	2,216,005
MUKERJEE, DEEPAY	2,272,630	PENCE INC.	2,158,320	ROE, DEREK VERNON	2,262,777
MULHOLLAND, BRUCE M.	2,124,834	PENTAIR PUMP GROUP, INC.	2,251,674	ROETMAN, TIMOTHY	2,362,693
MULLER, DETLEF R.	2,167,119	PERITO, RICHARD P.	2,117,554	ROGERS, LAUREL	2,122,066
MULTISORB TECHNOLOGIES, INC.	2,174,541	PERKINS, GERARD T.	2,361,007	ROGERS, LINDA J.	2,260,635
MUNAKATA, KAZUYUKI	2,288,905	PETERS, ALAN R.	2,387,281	ROLLINS, DAVID KENT	2,349,288
MURAKAMI, AKIRA	2,322,915	PETERS, MARK E.	2,280,362	ROMEO, CHARLES	2,104,957
MURAMATSU, NOBUYUKI	2,297,615	PETERSEN, GODBER	2,395,537	ROSEIRO, ALBERT	2,211,246
MURELLO, JOHANNES	2,351,173	PETERSEN, WALLACE CHRISTIAN	2,337,587	ROSELLE, BRIAN JOSEPH	2,349,288
MURELLO, JOHANNES	2,360,548	PETITOU, MAURICE	2,235,146	ROSEN, AKE	2,107,873
MURNANE, AMY A.	2,091,444	PHILLIPS PETROLEUM COMPANY	2,261,597	ROTH, ELDON	2,342,786
NADKARNI, SADASHIV	2,284,575	PHILLIPS, JOSEPH R.	2,362,693	ROUQUETTE, ROBERT E.	2,223,560
NAFISI-MOVAGHER, KARIM	2,076,428	PIGANELLI, JON D.	2,222,664	ROUSSEAU, ALAN D.	2,116,983
NAKASHIMA, SHIGETO	2,347,954	PINCHUK, LEONARD	2,202,499	ROWLAND, GEORGE E.	2,212,208
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	2,291,929	PINCHUK, LEONARD	2,234,948	RUSSO, PETER B.	2,281,478
NEC CORPORATION	2,259,085	PLASMA PROCESSING CORPORATION	2,236,959	RUTANEN, ANNE	2,226,773
NEORX CORPORATION	2,180,555	PLATIPUS ANCHORS LIMITED	2,090,575	RYAN, JOHN O.	2,162,367
NIPPON FILCON CO., LTD.	2,246,009	POLAK, THOMAS ALEXANDER	2,175,674	RYERSON POLYTECHNIC UNIVERSITY	2,289,697
NOONE, MICHAEL J.	2,272,784	POLEGATO, MARIO	2,233,996	RYHAM, ROLF C.	2,222,664
NORDIN, SOFIA	2,322,278	POLLOCK, C. ANDREW	2,234,720	SABOL, ROBERT T.	2,153,539
NORTEL NETWORKS LIMITED	2,218,196	POMAGALSKI S.A.	2,426,657	SABOURIN, MICHAEL	2,218,196
NORTEL NETWORKS LIMITED	2,337,285	PQ CORPORATION	2,113,883	SADOYAMA, KEIICHI	2,269,509
NORTON COMPANY	2,245,562	PQ HOLDING, INC.	2,145,201	SAES GETTERS S.P.A.	2,152,241
			2,246,767	SAFABASH, JASON H.	2,312,919
				SAHATJIAN, RONALD A.	2,180,138
				SAINT-RAMON, JEAN-GERARD	2,233,409
				SAMUELSSON, ANDERS	2,304,447
				SAMYANG GENEX CORPORATION	2,284,278

**Index of Canadian Patents Issued
December 14, 2004**

SANDERFORD, HUGH BRITTON JR.	2,223,560	SOCIETE NATIONALE D'EXPLOITATION INDUSTRIELLE DES TABACS ET ALLUMETTES	2,108,563	THE PROCTER & GAMBLE COMPANY	2,369,233
SANK, GERALD W.	2,319,797	SOFF-CUT INTERNATIONAL, INC.	2,129,654	THE RAYMOND CORPORATION	2,387,281
SANOFI-SYNTHELABO	2,261,597	SOMEYA, KEISUKE	2,300,020	THE REGIONAL MUNICIPALITY OF PEEL	2,426,657
SARKISSIAN, ANDRANIK	2,249,157	SONOBE, TOSHIMITSU	2,118,468	THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY	2,202,499
SARNOWSKI, EDWARD J.	2,333,411	SOUTHLAND, STEPHEN G.	2,276,841	THE UNIVERSITY OF TORONTO	2,289,697
SASAKI, TORU	2,329,825	SQUARE D. COMPANY	2,152,625	THERIAULT, KENNETH T.	2,313,454
SAS-JAWORSKY, ALEXANDER	2,233,345	SRINIVASAN, KAMAKSHI	2,108,403	THEURER, JOSEF	2,151,993
SATO, TAKASHI	2,288,905	STAHL, KERMIT E.	2,272,784	THEURER, JOSEF	2,158,320
SAUER-DANFOSS INC.	2,357,656	STAVA, ELLIOTT K.	2,315,650	THOMSON, WILLIAM DOUGLAS	2,148,079
SAVAGE, JOHN	2,310,350	STETMAN, JOE GREGORY	2,115,215	THYSSEN INDUSTRIE AG	2,202,972
SAVESCU, OVIDIU I.	2,262,777	STOKLEY, CHARLES O.	2,205,728	THYSSEN STAHL AG	2,262,845
SCHACHNER, JAMES ROBERT	2,198,575	STOUT, JAMES T.	2,294,079	TOSHIBA MITSUBISHI- ELECTRIC INDUSTRIAL SYSTEMS CORPORATION	2,393,506
SCHAFFER, MATTHIAS	2,235,146	STRASSER, JURGEN H.	2,076,428	TOSHIBA TEC KABUSHIKI KAISHA	2,329,117
SCHIABEL, ANTONIO	2,152,241	STROUSS, CHARLES A., III	2,117,845	TOTI, ANDREW J.	2,352,574
SCHLUDE, RICHARD D.	2,357,125	STRUTT, JAMES W.	2,365,715	TOYOTA JIDOSHA KABUSHIKI KAISHA	2,268,534
SCHMEH, ALEXANDER	2,202,972	SUDO, MORIHIRO	2,183,219	TOYOTA JIDOSHA KABUSHIKI KAISHA	2,297,615
SCHNITZ, BRIAN E.	2,369,467	SUENAGA, KIYOSHI	2,342,685	TOYRE, GEORGES	2,113,883
SCHOLZ, HANS	2,245,897	SUGGS, GREGORY M.	2,324,829	TRANHAM, JOHN MICHAEL	2,174,091
SCHREINER, JASON DAVID	2,319,797	SULZER CARBOMEDICS INC.	2,333,409	TREVIRANUS, JUTTA	2,289,697
SCHRIEVER, UDO	2,262,845	SULZER CARBOMEDICS INC.	2,333,411	TRINKNER, MICHAEL J.	2,395,537
SCHUCO INTERNATIONAL KG	2,119,400	SUNTIER INVENTIONS LTD.	2,365,715	TRONSGARD, JOCELYN	2,365,715
SCHUMACHER, CAROLE ANN	2,369,233	SUPER-EGO TOOLS, S.A.	2,295,347	TRONSGARD, KEN	2,365,715
SEA MARCONI TECHNOLOGIES DI WANDER TUMIATTI S.A.S.	2,152,473	SURTEC SYSTEM	2,125,796	TSCHERSICH, HANS- JOACHIM	2,262,845
SECAP	2,193,509	SUZUKI, SADANORI	2,368,598	TSE, KWOK-TUEN	2,187,706
SEED, BRIAN	2,104,957	SWANDE, JERKER	2,154,551	TSUTSUMI, YASUHIRO	2,297,615
SEKI, MASATOSHI	2,290,632	SWEATMAN, RONALD E.	2,231,904	TUMIATTI, WANDER	2,152,473
SELECT COMFORT CORP.	2,323,108	SWEI, GWO SHIN	2,245,562	TYCO ELECTRONICS LOGISTICS AG	2,118,468
SELF, JAMES M. (DECEASED)	2,159,504	TAIT, JONATHAN	2,180,555	UNDERWOOD, LANCE D.	2,108,916
SEMBER, JAMES W.	2,152,625	TAKAKI, SATORU	2,128,981	UNDERWOOD, LANCE D.	2,108,917
SETTMACHER, UTZ	2,245,897	TAKANOHASHI, TOSHIKATSU	2,322,915	UNI-CHARM CORPORATION	2,329,825
SEXTON, JAMES H.	2,117,554	TAM INTERNATIONAL, INC.	2,205,728	UNILEVER PLC	2,245,466
SGG PATENTS LLC	2,216,505	TANABE, YUICHIRO	2,322,915	UNITED STATES GYPSUM COMPANY	2,212,208
SHAPIRO, BRUCE	2,371,465	TANAKA, KATSUNORI	2,342,685	UNITED STATES SURGICAL CORPORATION	2,132,917
SHIDARA, SADAFUMI	2,273,255	TANI, NOBUTAKA	2,213,079	UNIVERSITY OF WASHINGTON	2,180,555
SHIELDS, JAMES A.	2,337,285	TAPPER, ULF ANDERS STAFFAN	2,167,119	UNLIMITED TECHNOLOGIES, INC.	2,159,504
SHIMIZU, JUNICHI	2,128,981	TARASSOFF, SERGE	2,113,883	URBAS, DONALD J.	2,279,583
SHIMOE, NARIAKI	2,329,825	TASHIRO, HIDETOSHI	2,291,929	URBAS, DONALD J.	2,279,584
SIGNER, TODD NEIL	2,344,951	TEH, SHIOK GUAT	2,117,408	USUI, AKIRA	2,291,929
SILENIUS, PETRI	2,226,773	TEKNION FURNITURE SYSTEMS LIMITED	2,199,315	VAIDYANATHAN, RAGAVAN	2,362,693
SIMON, ELLIOT D.	2,225,453	TELBOTICS INC.	2,289,697	VAN BOECKEL, CONSTANT	2,261,597
SINK, DANNY R.	2,350,138	TETRA LAVAL HOLDINGS & FINANCE S.A.	2,107,873		
SJOSTROM, ANDERS	2,117,930	TETRA LAVAL HOLDINGS & FINANCE S.A.	2,117,930		
SLIVKA, BENJAMIN W.	2,117,845	THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA	2,224,195		
SMITH INTERNATIONAL, INC.	2,276,841	THE FLETCHER-TERRY COMPANY	2,280,362		
SMITH, DARRIN A.	2,260,635	THE GENERAL HOSPITAL CORPORATION	2,104,957		
SMITH, GRAHAM THOMAS	2,289,697	THE PROCTER & GAMBLE COMPANY	2,261,103		
SMITH, MICHAEL J.	2,118,529	THE PROCTER & GAMBLE COMPANY	2,349,288		
SMITHKLINE BEECHAM CORPORATION	2,091,444				
SNAP-ON TECHNOLOGIES, INC.	2,371,465				
SNECMA MOTEURS	2,206,154				
SNECMA MOTEURS	2,218,459				
SNECMA MOTEURS	2,315,359				
SNYDER, GREGORY DAVID	2,323,020				

**Index des brevets canadiens délivrés
14 décembre 2004**

VANDERKOOY, GEOFFREY EDWARD	2,294,004
VANDERMEULEN, MEINE	2,336,685
VANOIL EQUIPMENT INC.	2,314,412
VATNE, PER	2,240,797
VEDAGE, GAMINI ANANDA	2,344,875
VEHAR, GORDON A.	1,341,468
VERBEEK, STEVE	2,199,315
VIOLA, FRANK J.	2,132,917
VON HOFMANN, TIMM	2,156,644
W.R. GRACE & CO.-CONN.	2,118,183
W.R. GRACE & CO.-CONN.	2,361,007
WADA, TETSU	2,273,255
WAGNER, DANIEL G.	2,231,744
WARD, THOMAS EDWARD	2,349,288
WASICAK, JAMES T.	2,136,075
WATANABE, SHUJIRO	2,128,981
WEBSTER, WILLIAM W.	2,196,371
WECK, DAVID	2,284,413
WECKBECKER, CHRISTOPH	2,235,146
WEINDORF, CHARLES THOMAS, JR.	2,113,694
WEIR SLURRY GROUP, INC.	2,318,217
WEISS, GEOFFREY L.	2,067,162
WEISS, PIERRE	2,159,739
WESTINGHOUSE AIR BRAKE COMPANY	2,231,744
WHALEN, JOHN F.	2,136,117
WHITEHOUSE, CRAIG M.	2,318,586
WHITLEY, L. BLAKE	2,344,964
WHITNEY, JOHN ROY	2,369,233
WIDEX A/S	2,264,673
WIEDEMANN, JIM	2,314,412
WIENS, GREGORY	2,202,499
WILHELM, FREDERICK CARL	2,344,875
WILLIAMS, TIMOTHY C.	2,422,268
WILMOT, THEODORE STEVEN	2,185,125
WILSON, MAYWOOD L.	2,215,961
WILSON, STEPHEN	2,122,066
WINCHELL, HARRY S.	2,225,453
WINDELS, WARREN JEFFERSON	2,117,720
WINOWISKI, THOMAS STEPHEN	2,224,195
WONFOR, PETER J.	2,162,367
WOOD, EDWARD T.	2,249,168
WOOD, WILLIAM I.	1,341,468
WRIGHT, ANDREW J.	2,296,975
WYMAN, HANS	2,250,019
YAO, XIATIAN STEVE	2,361,527
YI, YONG-WEON	2,284,278
YIM, HEAJOON	2,284,278
YOSHIDA, KAZUYA	2,246,009
YOUNG, GEORGE HANSON	2,191,962
YUAN, YUSHENG	2,242,445
ZAKLAD, HAIM	2,225,453
ZARETSKIY, LEONID	2,187,706
ZHANG, HAIBO	2,354,454
ZHANG, JIA A.	2,202,499
ZHANG, ZHEN-HAI	2,309,644

**Index of Canadian Patents Issued
December 14, 2004**

Index of Canadian Applications Open to Public Inspection

November 21, 2004 to November 27, 2004

Index des demandes canadiennes mises à la disponibilité du public

21 novembre 2004 au 27 novembre 2004

ABRAMS, MICHAEL BENJAMIN	2,467,386	BHM MEDICAL INC.	2,468,318	CHOI, MIN-JO	2,448,350
ACS ENGINEERING TECHNOLOGIES INC.	2,430,088	BIOSPECT, INC.	2,467,144	CHOLETTE, DEBORAH LYNNE	2,429,829
ACS ENGINEERING TECHNOLOGIES INC.	2,468,012	BLANCHARD, STEPHANE	2,467,842	CHRISTIANA, SANDRA A.	2,466,855
ADAMIA, SOPHIA	2,441,681	BOHBOT, MICHEL	2,429,765	CHROBUCK, TIMOTHY	2,467,996
AHN, MOON-HWI	2,459,433	BOHBOT, MICHEL	2,468,007	CHROBUCK, TIMOTHY	2,468,098
AHN, SANG-WUK	2,459,433	BOMBARDIER RECREATIONAL PRODUCTS INC.	2,468,330	CHUI, SAI PENG	2,428,988
AKABOSHI, SHINJIROU	2,453,018	BOMBARDIER RECREATIONAL PRODUCTS INC.	2,468,333	COGLEY, PAUL A.	2,467,213
AKIYAMA, TETSUYA	2,467,888	BOONE, BRIAN T.	2,438,747	COGNOS INCORPORATED	2,429,284
ALCAN INTERNATIONAL LIMITED	2,467,183	BOONS, CORNELIS HENDRIKUS MARIA	2,467,640	COGNOS INCORPORATED	2,429,335
ALEXANDER, JAMES PELLEGRINO	2,467,177	BREWSTER, JAMES	2,440,263	COGNOS INCORPORATED	2,429,336
ALLISON, JEFFREY W.	2,462,401	BRIETZKE, DANIEL W.	2,468,662	COGNOS INCORPORATED	2,429,375
ALSTOM	2,469,866	BRONSON, ANGELA	2,468,198	COGNOS INCORPORATED	2,429,558
ANDELL, FRANK, III	2,467,144	BROOKHAVEN SCIENCE ASSOCIATES	2,464,379	COGNOS INCORPORATED	2,429,907
ARMSTRONG, ROSS	2,447,415	BROUWER, GERALD A.	2,467,934	COGNOS INCORPORATED	2,429,909
ARSENAULT, PATRICE	2,429,293	BROWN, JEFFREY THOMAS	2,467,984	COGNOS INCORPORATED	2,429,910
ASHBY, CHARLES R., JR.	2,464,379	BRUGMANN, DONALD H.	2,468,094	COGNOS INCORPORATED	2,467,878
AT&T CORP.	2,467,405	BRUNO, AURELIEN	2,468,480	COGNOS INCORPORATED	2,467,994
AT&T CORP.	2,467,985	BUCHLER, KAMIL	2,429,375	COGNOS INCORPORATED	2,468,008
AT&T CORP.	2,468,480	BUCHLER, KAMIL	2,468,008	COGNOS INCORPORATED	2,468,045
ATOFINA CHEMICALS, INC.	2,467,386	BURMEISTER, JENS	2,467,610	COGNOS INCORPORATED	2,468,064
ATS AUTOMATION TOOLING SYSTEMS, INC.	2,447,415	BURNS, BRADLEY GERALD	2,429,506	COGNOS INCORPORATED	2,468,372
AUBART, MARK ANTHONY	2,467,386	BURRITT, DAVID R.	2,445,926	COGNOS INCORPORATED	2,468,373
AVAYA TECHNOLOGY CORP.	2,445,926	BURROWS, SUSAN T.	2,467,996	COGNOS INCORPORATED	2,468,398
AVAYA TECHNOLOGY CORP.	2,454,985	C.N.R.S.	2,429,235	COGNOS INCORPORATED	2,468,403
B.M.R. MFG. INC.	2,429,282	CADIMA, PAUL BRYAN	2,461,773	COGNOS INCORPORATED	2,468,404
BACHERT, DARCY	2,440,950	CALANOG, MARCIANO M.	2,468,215	COGNOS INCORPORATED	2,468,406
BANDURA, MIECZYSLAW	2,467,450	CAMPBELL, JOY M.	2,430,051	COGNOS INCORPORATED	2,468,614
BANSAL, VINOD KUMAR	2,467,141	CAMY-PEYRET, FREDERIC	2,469,861	COGNOS INCORPORATED	2,468,617
BARBAFIERI, GERARD	2,429,161	CANNING, ANAT	2,429,875	COGNOS INCORPORATED	2,468,624
BARBEZAT, GERARD	2,460,296	CARNEGIE, ANDREW J.	2,465,254	COLLINS, P. MICHAEL	2,467,932
BARRET, HERVE	2,467,842	CAZEMIER, HENK	2,429,910	CONAWAY, LAWRENCE	2,457,603
BAUR, AI J. C.	2,429,111	CAZEMIER, HENK	2,468,403	CONTINUUM ENVIRONMENTAL, LLC	2,457,603
BAUR, AL J.C.	2,468,204	CENTRAL RESEARCH INSTITUTE OF ELECTRIC POWER INDUSTRY	2,463,585	COPYRIGHT CLEARANCE CENTER, INC.	2,467,896
BAYER POLYMERS LLC	2,468,119	CHAKRABARTY, TAPANTOSH	2,429,295	CORBIN, CLAUDE	2,467,842
BAYER TECHNOLOGY SERVICES GMBH	2,467,610	CHAMPOUX, ALAIN	2,467,183	CORLEY, ANDREW A.	2,466,855
BEAUMONT, ROBERT	2,429,407	CHEN, CHING-CHEN	2,429,433	CORRIVEAU, MICHEL	2,468,318
BEDARD, YVON	2,468,330	CHEVRON ORONITE COMPANY LLC	2,467,640	COSCO MANAGEMENT, INC.	2,466,777
BEDARD, YVON	2,468,333	CHEVRON ORONITE COMPANY LLC	2,467,843	COSCO MANAGEMENT, INC.	2,466,778
BEFFERT, HELMUT	2,429,909	CHEVRON ORONITE TECHNOLOGY B.V.	2,467,640	COSMA, MARIUS	2,429,909
BEFFERT, HELMUT	2,468,372	CHEVRON ORONITE TECHNOLOGY B.V.	2,467,843	COSMA, MARIUS	2,429,910
BEFFERT, HELMUT	2,468,373	CHIAPPETTA, GARY	2,468,019	COSMA, MARIUS	2,468,372
BEGIN, ROSAIRE	2,467,183	CHO, MYONG J.	2,468,151	COSMA, MARIUS	2,468,373
BELCH, ANDREW R.	2,441,681			COSMA, MARIUS	2,468,614
BERBERICH, MICAH JOEL	2,467,570			COVELEY, MICHAEL E.	2,429,623
BERRAK, ABDERRAZAK	2,474,176			COVELEY, MICHAEL E.	2,430,181
BETTON, JEAN-MICHEL	2,429,235			CREAGER, CHRISTOPHER WAYNE	2,467,616

**Index of Canadian Applications Open to Public Inspection
November 21, 2004 to November 27, 2004**

CUSHING, DAVID	2,468,373	FREUDENBERG-NOK		HOPKINS MANUFACTURING	
CUSHING, DAVID	2,468,406	GENERAL PARTNERSHIP		CORPORATION	2,437,300
DABROWSKI, HENRYK JAN	2,467,450		2,465,030	HOPPE, JOHN	2,430,613
DACHEVSKI, BORIS	2,429,375	FUHRIG, THOMAS ROY	2,466,988	HOSHINO, MUNEHIRO	2,463,585
DACHEVSKI, BORIS	2,468,008	FUKUTANI, MASAYUKI	2,468,134	HSU, KAI	2,465,254
DAHL, CAROL A.	2,467,144	FUNK, TOBIAS	2,467,141	HUANG, DEBORAH	2,429,759
DANA CORPORATION	2,468,094	FUNKE, JAMES	2,467,450	HUBER, ANDREAS	2,467,518
DAWSON, RICHARD A.	2,429,314	FYKE, STEVEN H.	2,467,889	HUBER, ANDREAS	2,467,560
DEAVER, JOHN	2,467,896	GAGNON, GUY	2,429,219	HUBER, ANDREAS	2,467,609
DECAUX, JEAN-CHARLES	2,434,440	GALAND, CLAUDE	2,468,480	HUBER, MARCEL	2,467,673
DECAUX, JEAN-FRANCOIS	2,434,440	GATEWAY BOOKBINDING		HUBER, MARCEL	2,467,675
DECAUX, JEAN-SEBASTIEN	2,434,440	SYSTEMS LTD.	2,429,874	HUGGER, WERNER	2,467,040
DEERE & COMPANY	2,467,570	GELCORE LLC	2,467,852	HURLEY CORPORATION	2,429,223
DEMUTH, KADE H.	2,462,220	GENERAL ELECTRIC		HUSZCZA, ANDREW	2,430,613
DEPUY MITEK, INC.	2,467,004	COMPANY	2,461,773	IBM CANADA LIMITED - IBM	
DERMOUNE,		GENERAL ELECTRIC		CANADA LIMITEE	2,429,761
ABDERRAHMANE	2,474,176	COMPANY	2,467,177	IBM CANADA LIMITED - IBM	
DESCAMPS, LAURENT	2,429,241	GENERAL ELECTRIC		CANADA LIMITEE	2,429,762
DESGARLAI, MATTHEW G.	2,429,874	COMPANY	2,467,230	IBM CANADA LIMITED - IBM	
DESPREAUX, JEAN-LOUIS	2,467,839	GENKIN, MICHAEL B.	2,429,876	CANADA LIMITEE	2,429,876
DIAMOND INNOVATIONS,		GEORGE, RAYMOND A.	2,468,198	ICHINOSE, AKITOYO	2,447,737
INC.	2,468,392	GILBERT, ANDRE	2,468,333	IDE, SHINICHI	2,468,315
DIESEL, EDGAR	2,467,610	GILBERT, ANNA C.	2,467,985	IHDE, DAVID H.	2,437,300
DOBBS, DOUGLAS B.	2,462,481	GIROIR, DIDIER	2,468,480	IHI AEROSPACE CO., LTD.	2,465,614
DONG, CHENGLI	2,465,254	GLEASON, MARK	2,468,098	ILLINOIS TOOL WORKS INC.	2,462,735
DRAPER, ROBERT	2,468,198	GLICK, JONATHAN	2,466,557	ILLINOIS TOOL WORKS INC.	2,462,820
DUBUC, EDEN	2,467,852	GOGLIO, LUIGI	2,429,444	ILLINOIS TOOL WORKS INC.	2,463,029
DUNST, WALTER	2,467,254	GORDON, EVAN ARTHON	2,467,635	ILLINOIS TOOL WORKS INC.	2,463,266
DUPONT, ERIC	2,429,466	GOTO, KOHEI	2,467,613	IMPERIAL OIL RESOURCES	
DUTOIT, DANIEL	2,469,866	GRABNER, STEVE JOSEPH	2,453,079	LIMITED	2,429,295
DYNAMIC AIR INC.	2,440,500	GREENQUIST, ALFRED	2,467,144	INSTITUT PASTEUR	2,429,235
EATON CORPORATION	2,467,450	GREINER, STEVEN P.	2,467,213	INTERNATIONAL PAPER	
EATON CORPORATION	2,467,616	GRILLIOT, MARY I.	2,437,776	COMPANY	2,467,284
EDMARK, JOHN THOMAS	2,468,023	GRILLIOT, WILLIAM L.	2,437,776	INVENTIO AG	2,467,673
ELLINGTON, PETER	2,467,899	GUEGUIN, MICHEL	2,429,253	INVENTIO AG	2,467,675
ELLSWORTH, STOUGHTON		GYMNOVA SA	2,429,161	IRASSAR, PABLO DANIEL	2,429,762
L., JR.	2,467,144	HAINZ, ROBERT	2,468,095	IZUMI PRODUCTS COMPANY	
ENVIROMETRICS SYSTEMS		HALL, ROBERT J.	2,467,405		2,468,589
INC.	2,468,605	HALL, ROCKNE	2,467,949	JAKOB, ANDREAS	2,465,242
EPWORTH, LARRY NORMAN	2,429,517	HAMAD, IMAD A.	2,429,256	JDS UNIPHASE INC.	2,468,132
EVANS, ELLIOTT	2,445,926	HAMILTON, JOHN A.	2,465,876	JDS UNIPHASE INC.	2,468,139
EXXONMOBIL RESEARCH		HANDFIELD, ROBERT	2,429,497	JIN, WENLIN	2,468,132
AND ENGINEERING		HANNA, GREGORY SCOTT	2,466,988	JOHNSON, WOODROW W.	2,467,896
COMPANY	2,468,215	HARMONIC DESIGN, INC.	2,467,530	JSR CORPORATION	2,467,613
FACTOR, JODY L.	2,466,557	HARRIS CORPORATION	2,465,876	JUN, SUNG BAE	2,467,891
FAECKE, THOMAS	2,468,119	HASHIMOTO, HIROYUKI	2,468,147	KABUSHIKI KAISHA	
FAUCHER, MARTIN	2,468,318	HASHIMOTO, KOICHI	2,468,147	TOSHIBA	2,461,805
FCI AMERICA'S		HAWLEY, DAVID	2,460,296	KALE, CHRISTOPHER J.	2,429,761
TECHNOLOGY, INC.	2,462,401	HAY, MARY	2,441,681	KARSTEN MANUFACTURING	
FERTE, JEAN-PIERRE	2,467,810	HECTOR, ZACHARY K.	2,467,996	CORPORATION	2,467,623
FERTE, JEAN-PIERRE	2,467,846	HEGEMAN, PETER S.	2,465,254	KAWAFUNE, KYOICHI	2,468,589
FILA, RUDOLF	2,464,859	HEISEY, NATHAN W.	2,466,778	KAWASAKI, KAZUNORI	2,465,614
FISCHER, KLAUS	2,465,242	HELLER, JONATHAN C.	2,467,144	KELLER, MICHAEL R.	2,457,603
FOLEY, PETER	2,467,144	HESS, DAVID R.	2,468,132	KEY, JERRY F., JR.	2,429,456
FORBIS, JOHN T.	2,468,481	HEWITT, AMY L.	2,467,213	KEYWORTH, BARRIE	2,468,132
FOSS, SHELDON	2,462,220	HIKICHI, KOICHI	2,466,551	KEYWORTH, BARRIE	2,468,139
FOUCAULT, ANDRE	2,429,219	HIRAI, KIMITAKA	2,467,598	KIM, YONG JOO	2,467,891
FOX, BRYAN	2,468,019	HIROSE, SUSUMU	2,447,762	KIMURA, YUTAKA	2,467,952
FRANCHET, JEAN-MICHEL		HOFF, STEVEN R.	2,468,094	KING, SCOTT M.	2,467,996
PATRICK MAURICE	2,467,810	HOMNER, BERNHARD	2,466,553	KING, SCOTT M.	2,468,098
FRANCHET, JEAN-MICHEL		HON TECHNOLOGY INC.	2,464,061	KLADAR, DALIBOR	2,467,450
PATRICK MAURICE	2,467,839	HONDA MOTOR CO., LTD.	2,466,551	KLASSEN, WALTER D.	2,429,874
FRANCHET, JEAN-MICHEL		HONDA MOTOR CO., LTD.	2,468,134	KLEBE, SKOTT C.	2,467,896
PATRICK MAURICE	2,467,846	HONDA MOTOR CO., LTD.	2,468,315	KLEIJWEGT, PETER	2,467,843
FREIBERG, STEVEN	2,465,193	HONGU, TATSUHIKO	2,467,290	KLEIN, ROBERT M.	2,445,926
				KLEMME, KENT ALVIN	2,467,570

**Index des demandes canadiennes mises à la disponibilité du public
21 novembre 2004 au 27 novembre 2004**

KOCHER, JOHANNES	2,467,673	MAGUIRE, PATRICK GLEN	2,468,189	MUTHUKRISHNAN, SHANMUGAVELAYUTH AM	2,467,985
KOCHER, JOHANNES	2,467,675	MAKINO, HISAO	2,463,585	NAGASAKI UNIVERSITY	2,447,737
KOLLECK, RALF	2,467,600	MALA, MOHIUDDIN	2,468,139	NAITO, NOBUHARU	2,467,817
KONG, RAYMOND LEE-MAN	2,429,762	MAN ROLAND		NAKASHIMA, KOJI	2,461,805
KOPPELKAMM, GUENTER	2,446,019	DRUCKMASCHINEN AG	2,446,019	NASARC TECHNOLOGIES INC.	2,429,974
KOST, CECIL	2,467,996	MARCOUX, PATRICK	2,429,219	NATIONAL INSTITUTE OF GENETICS	2,447,762
KOST, CECIL	2,468,098	MARTIN, CHARLES JOSEPH	2,467,616	NELSON, RICKY JERRALL, SR.	2,467,984
KOSTENIUK, STEVE	2,429,937	MARTIN, LOUIS-PHILIPPE	2,429,208	NEUSTADTER, UDO MIRCEA	2,453,079
KOSTER, JOEL	2,468,019	MASCHINENFABRIK GERD MOSCA AG	2,467,495	NEWFREY LLC	2,467,817
KOYABU, AKIRA	2,468,120	MASOTTA, JOHN R.	2,468,210	NIPPON INSTRUMENTS CORPORATION	2,463,585
KRAFT FOODS HOLDINGS, INC.	2,467,213	MASTERFOODS AUSTRIA OHG	2,464,859	NIPPON SANSO CORPORATION	2,467,952
KROY BUILDING PRODUCTS, INC.	2,468,481	MATRANA, BARRY ALLEN	2,466,988	NOBLE, ROGER K.	2,457,603
KURIHARA, SHINICHI	2,461,805	MATSUDA, YOSHIYUKI	2,468,315	NODA, ETSUO	2,468,134
KURKJIAN, ANDREW L.	2,465,254	MATSUMOTO, KUNIHARU	2,447,762	NODA, NAOKI	2,463,585
KWC AG	2,467,040	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,467,888	NORDX/CDT, INC.	2,429,765
LA ROSE, DAVID MARIO	2,468,576	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,468,147	NORDX/CDT, INC.	2,468,007
L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE P OUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	2,469,861	MATUS, TIM A.	2,462,735	NOVAMAC INDUSTRIES INC.	2,429,293
LAITRAM, L.L.C.	2,466,855	MATUS, TIM A.	2,462,820	OBIOLS, JEROME	2,467,386
LAM, LAWRENCE S.	2,429,295	MAYEKAWA MFG. CO., LTD.	2,453,018	OH, JANG-KEUN	2,449,891
LANGLAIS, STEVE	2,468,330	MAYER, YARON	2,429,111	OH, JANG-KEUN	2,450,065
LAPERGUE, GUY	2,469,853	MAYER, YARON	2,468,204	OH, JANG-KEUN	2,466,820
LAPEYRE, ROBERT S.	2,466,855	MCAVOY, JAMES IVAN	2,429,284	OHWADA, SACHIO	2,453,018
LAPLANTE, GRANT W.	2,440,001	MCAVOY, JAMES IVAN	2,468,064	OKADA, TAKASHI	2,467,613
LAPPOEHN, ANDREAS	2,467,254	MCCORMACK, ROBERT D.	2,429,955	OLIVER, JAMES	2,467,903
LASKARIS, EVANGELOS TRIFON	2,467,177	MCDONOUGH, SCOTT D.	2,468,662	O'NEILL, KEVIN	2,462,481
LATTING, JOHN A.	2,444,027	MCKINNON, GRAHAM	2,468,139	ORDILLE, JOANN J.	2,445,926
LE PENNEC, JEAN-FRANCOIS	2,468,480	MEDMANAGE SYSTEMS, INC.	2,467,996	ORTIZ DE ZARATE, DOMINIQUE	2,469,819
LEBLANC, RAYMOND	2,429,466	MEDMANAGE SYSTEMS, INC.	2,468,098	OSBORNE, GARRY ALBERT	2,429,517
LECUYER & FILS LTEE	2,429,466	MEEKER, PAUL K.	2,466,777	OVERTURF, JOHN D.	2,465,876
LECUYER, MAURICE	2,429,466	MEGADEX CORPORATION	2,468,023	P.L.V. SPA	2,429,444
LEE, BYUNG-JO	2,448,350	MENARD, SYLVAIN	2,429,466	PALLMANN MASCHINENFABRIK GMBH & CO. KG	2,468,200
LEE, DONG-YUN	2,448,350	MENDOZA, ANTHONY- CERNAN	2,467,450	PALLMANN, HARTMUT	2,468,200
LES TECHNOLOGIES ELCOTECH INC.	2,474,176	MESSIER DESIGNERS INC.	2,429,241	PANCOU, THIERRY	2,467,842
LETOURNEAU, MICHEL	2,430,220	MESSIER, PATRICK	2,429,241	PARADIGM GEOPHYSICAL (LUXEMBOURG) S.A.R.L.	2,429,875
LEVEQUE, STEPHANE ANDRE	2,467,839	MEYER, MARTIN	2,467,804	PASQUER, FELIX	2,469,868
LEWIS, PATRICIA	2,437,776	MICELI, HENRI	2,429,161	PASQUER, FELIX	2,469,871
LG ELECTRONICS INC.	2,467,891	MICROSOFT CORPORATION	2,468,001	PASQUER, FELIX	2,469,943
LHOMME, DANIEL GASTON	2,467,810	MILLER, JOHN MICHAEL	2,468,132	PATENT-TREUHAND- GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH	2,465,242
LHOMME, DANIEL GASTON	2,467,839	MILLER, JOHN MICHAEL	2,468,139	PATENT-TREUHAND- GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH	2,467,518
LHOMME, DANIEL GASTON	2,467,846	MILLINGTON, BRADLEY D.	2,468,001	PATENT-TREUHAND- GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH	2,467,560
LINDBERG, SHARON REITER	2,467,141	MILTON, STEPHEN M.	2,454,985	PATENT-TREUHAND- GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH	2,467,609
LIU, YU-HENG	2,429,566	MIYAGAWA, NAOYASU	2,467,888		
LOEWENSTEIN, PHILIPPE	2,469,868	MIYAGAWA, TORU	2,466,551		
LOEWENSTEIN, PHILIPPE	2,469,871	MOODY, EUGENE I.	2,430,041		
LOEWENSTEIN, PHILIPPE	2,469,943	MOODY, EUGENE I.	2,468,383		
LOMBARDI, LOUIS FRANK	2,467,141	MOPPETT, GARRY DEAN	2,464,859		
LORIEUX, ALAIN	2,467,810	MORABITO, PATRICK	2,467,284		
LORIEUX, ALAIN	2,467,839	MORIN, MICHEL G.	2,429,568		
LORIEUX, ALAIN	2,467,846	MORIYAMA, HIDEAKI	2,465,614		
LUEDTKE, PETER	2,467,495	MORNING PRIDE MANUFACTURING, L.L.C.	2,437,776		
MA, YUAN	2,468,132	MOSCA, TIMO	2,467,495		
MA, YUAN	2,468,139	MOSTOLLER, MATTHEW E.	2,462,401		
		MOUNTZ, DAVID A.	2,467,386		
		MULHERN, JAMES P.	2,467,982		
		MULLINS, OLIVER C.	2,465,254		
		MURAMATSU, SHOJI	2,465,614		

**Index of Canadian Applications Open to Public Inspection
November 21, 2004 to November 27, 2004**

PATHFINDER SYSTEMS, INC.		RODDY, NICHOLAS		SIEMENS	
	2,432,871	EDWARD	2,467,230	AKTIENGESELLSCHAFT	2,467,934
PATHFINDER SYSTEMS, INC.		RODRIGUEZ, HECTOR	2,468,019	SIEMENS MILLTRONICS	
	2,444,027	ROECKEL, JOSEPH	2,464,859	PROCESS INSTRUMENTS	
PENDLETON, GARY	2,467,899	ROGALSKI, GARY	2,468,212	INC.	2,440,950
PENNING, RANDALL J.	2,454,985	ROHRBAUGH, BRIAN M.	2,462,401	SIEMENS WESTINGHOUSE	
PERKY-PET PRODUCTS		ROYAL GROUP		POWER CORPORATION	2,468,198
COMPANY, INC.	2,454,864	TECHNOLOGIES		SIEMPELKAMP MASCHINEN-	
PETROFSKY, KEITH E.	2,467,213	LIMITED	2,430,180	UND ANLAGENBAU	
PFEFFER-SLOBODINSKY,		ROZENFELD, BORIS	2,468,210	GMBH & CO. KG	2,467,992
ARIEL S.	2,467,528	RUDY, THOMAS M.	2,468,215	SII P & S INC.	2,467,598
PHILLIPS, WILLIAM R.	2,429,282	RUNHORN PRETECH		SILVERMAN, GARY	
PILARSKI, LINDA	2,441,681	ENGINEERING CO., LTD.	2,429,927	STEPHEN	2,467,386
PITNEY BOWES INC.	2,468,210	RUSSELL, LOUIS E.	2,430,051	SINGER, STEVEN E.	2,467,996
POGREBTSOV, ALEXEI	2,429,336	SAINT-GOBAIN CALMAR		SINGER, STEVEN E.	2,468,098
POGREBTSOV, ALEXEI	2,429,375	INC.	2,462,481	SINGH, AMARDEEP	2,468,662
POGREBTSOV, ALEXEI	2,467,994	SAINT-GOBAIN CALMAR		SINK, HENRY CLIFTON, III	2,467,570
POGREBTSOV, ALEXEI	2,468,008	INC.	2,466,857	SIVASUBRAMANIAM,	
POHANKA, MIKULAS	2,429,884	SAKATA, DAVID	2,465,030	KIRUBA	2,467,177
POTTER, CHARLES M.	2,429,284	SAKUMA, SEIICHI	2,453,018	SKARINE, ALEXEI	2,468,388
POTTER, CHARLES M.	2,429,335	SAMSON, SERGE	2,429,293	SMITH INTERNATIONAL,	
POTTER, CHARLES M.	2,429,336	SAMSUNG GWANGJU		INC.	2,468,662
POTTER, CHARLES M.	2,429,375	ELECTRONICS CO., LTD.	2,448,350	SMITH, INGRID OLGA	2,429,517
POTTER, CHARLES M.	2,429,558	SAMSUNG GWANGJU		SMITH, RONALD JAMES	2,429,517
POTTER, CHARLES M.	2,429,907	ELECTRONICS CO., LTD.	2,449,891	SNECMA MOTEURS	2,467,810
POTTER, CHARLES M.	2,467,878	SAMSUNG GWANGJU		SNECMA MOTEURS	2,467,839
POTTER, CHARLES M.	2,467,994	ELECTRONICS CO., LTD.	2,450,065	SNECMA MOTEURS	2,467,842
POTTER, CHARLES M.	2,468,008	SAMSUNG GWANGJU		SNECMA MOTEURS	2,467,846
POTTER, CHARLES M.	2,468,045	ELECTRONICS CO., LTD.	2,466,820	SNECMA MOTEURS	2,469,853
POTTER, CHARLES M.	2,468,064	SARKAR, SUJIT K.	2,430,088	SNECMA MOTEURS	2,469,868
POTTER, CHARLES M.	2,468,406	SARKAR, SUJIT K.	2,468,012	SNECMA MOTEURS	2,469,871
POTVIN, JEAN-CLAUDE	2,430,244	SATO, KATSUARI	2,467,598	SNECMA MOTEURS	2,469,943
POZO, FRANCISCO JAVIER		SATOH, KAZUE	2,468,147	SOLAE, LLC	2,468,151
POLO	2,430,051	SCHAEFER, STEVEN E.	2,467,932	SOLHEIM, JOHN A.	2,467,623
PREVISH, THOMAS	2,468,198	SCHARF, RICH	2,467,530	SOOR, BALDEV S.	2,429,761
PRIDE MOBILITY PRODUCTS		SHELLER, DANIEL L.	2,437,300	SOUCY PLASTIQUES INC.	2,429,497
CORPORATION	2,467,982	SCHLUMBERGER CANADA		SPAGNUOLO, VITO	2,466,395
QIU, XIAOPING	2,467,791	LIMITED	2,465,254	SPALA, EUGENE	2,467,640
QUENNEVILLE, ALAIN	2,429,765	SCHLUMBERGER CANADA		SPALA, GENE	2,467,843
QUENNEVILLE, ALAIN	2,468,007	LIMITED	2,467,791	SPEIDELSBACH, DAVID J.	2,467,450
QUIGLEY, SCOTT D.	2,440,263	SCHMELING, DAVID J.	2,467,530	SPRINGS WINDOW	
RADIO FLYER INC.	2,468,019	SCHMID, RICHARD K.	2,460,296	FASHIONS LP	2,434,528
RAMSAY, JEAN-ROCK	2,467,956	SCHOELER, MICHAEL	2,467,992	STARKEY, MICHAEL	2,429,876
RASIDESCU, MIHAI	2,468,330	SCHOETZ, MANFRED	2,468,095	STARR, JOSEPH W.	2,467,949
RAWLINS, JAMES W.	2,468,119	SCHWARZ VERBINDUNGS-		STEADMAN, WILLIAM	
RAYMAN, WILLIAM EARL	2,466,988	SYSTEME GMBH	2,466,553	DAVID	2,468,043
REAVELL, JAMES A.	2,429,282	SCHWARZ, HELMUT	2,466,553	STEELE, JAMES R.	2,440,500
REFKE, ARNO	2,460,296	SCLAFANI, ADAM CHARLES	2,467,635	STEINHOEFER, DETLEFF	2,467,600
REIMAN, TONY	2,441,681	SEDLACEK, JAMES E.	2,454,864	STEPHENS, BRENDEN LEW	2,467,570
REINSCH, FRANK G.	2,432,871	SEIKO EPSON		STEPHENSON, DALE D.	2,429,731
REINSCH, FRANK G.	2,444,027	CORPORATION	2,468,120	STEPHENSON, JEFFREY A.	2,429,731
RESEARCH IN MOTION		SERRANO, ANTHONY D.	2,467,623	STEPHENSON, MARK D.	2,429,731
LIMITED	2,467,889	SETHI, RAVI	2,445,926	STEPHENSON, SCOTT M.	2,429,731
RESEARCH IN MOTION		SEVI, GUILLAUME	2,469,853	STJERNSCHANTZ, JOHAN	2,467,410
LIMITED	2,468,388	SHIMAMURA, KOICHI	2,466,551	STRAND, CARL OLAF	2,429,016
RICE, JODY	2,429,974	SHIN-ETSU FILM CO., LTD.	2,467,290	STRAND, TORALF H.	2,434,528
RICORDI, CHRISTIAN PAUL		SHIRAI, HIROMI	2,463,585	STRAUSS, MARTIN J.	2,467,985
ANDRE	2,463,029	SHOJI, NORIYOSHI	2,467,598	STREIT, ROBIN MICHAEL	2,464,061
RICORDI, CHRISTIAN PAUL		SHOWA CORPORATION	2,453,359	STUERZLINGER,	
ANDRE	2,463,266	SHUE, MING-JENG	2,429,753	WOLFGANG	2,429,880
RIES, SCOTT A.	2,468,392	SHUE, MING-JENG	2,429,759	STULTS, JOHN T.	2,467,144
RIO TINTO IRON &		SHUE, PHILLIP	2,429,753	STULTZ, ROBERT D.	2,465,876
TITANIUM INC.	2,429,253	SHUE, PHILLIP	2,429,759	STYLES, MICHAEL E.	2,429,910
ROBICHAUD, MARIO	2,429,466	SIEMENS		STYLES, MICHAEL E.	2,468,398
ROBSMAN, DMITRY	2,468,001	AKTIENGESELLSCHAFT	2,467,804	STYLES, MICHAEL E.	2,468,403
ROCHE, JACQUES	2,469,853			STYLES, MICHAEL E.	2,468,404

**Index des demandes canadiennes mises à la disponibilité du public
21 novembre 2004 au 27 novembre 2004**

STYLES, MICHAEL E.	2,468,614	VAN DAM, WILLEM	2,467,843
STYLES, MICHAEL E.	2,468,617	VAN LEEUWEN, JEROEN	2,467,843
STYLES, MICHAEL E.	2,468,624	VARMA, ANIL	2,467,230
SUBRAMANIAN, RAMESH	2,468,119	VESELIC, DUSAN	2,468,388
SUDANO, ANGELO	2,430,180	VIDRA, ERIC J.	2,468,119
SUGI, NORIO	2,465,614	VIERICH, RALF	2,429,335
SULZER METCO AG	2,460,296	VIERICH, RALF	2,467,878
SUSSMEIER, JOHN W.	2,468,210	VOITH FABRICS	
SWEETON, STEVE L.	2,466,857	SHREVEPORT, INC.	2,440,263
SYMPHORA AB	2,467,410	VORIS, LARRY	2,466,778
SYSTRA	2,469,866	VTECH	
TAILLIE, STEVEN A.	2,468,151	TELECOMMUNICATION	
TALARICO, ANTHONY M.	2,429,223	S LIMITED	2,468,212
TALLARD, ROBERT	2,429,466	WALKER, FRANCIS JOSEPH	2,465,030
TANGPRASERTCHAI,		WALKER, WINSTON G.	2,467,530
URAIWAN	2,467,213	WANNI, AMAR S.	2,468,215
TANIDA, KOJI	2,463,585	WARAGAI, ATSUKUNI	2,468,134
TAVARÉS, ANTONIO	2,429,466	WARD, ADAM	2,434,528
TAZBAZ, ANTOINE	2,429,765	WARNER, NEIL	2,429,909
TAZBAZ, ANTOINE	2,468,007	WARNER, NEIL	2,468,372
TECHNIFEX PRODUCTS, LLC	2,467,949	WARNER, NEIL	2,468,373
TEKNI-PLEX, INC.	2,467,984	WATCH OUT	
TENNANT, GWENDOLYN		ENTERTAINMENT, LLC.	2,466,557
FAYE	2,429,525	WEATHERFORD/LAMB, INC.	2,467,899
TERADA, EIICHI	2,453,359	WEATHERFORD/LAMB, INC.	2,467,903
TERAI, KENICHI	2,468,147	WEATHERFORD/LAMB, INC.	2,468,189
TESNIERE, MARC	2,469,868	WHANGER, JAMES K.	2,467,903
TESNIERE, MARC	2,469,871	WHEDBEE, KENNETH C., JR.	2,465,876
TESNIERE, MARC	2,469,943	WHIRLPOOL CORPORATION	2,467,254
THE GOODYEAR TIRE &		WHITTAKER, GREGORY R.	2,467,004
RUBBER COMPANY	2,466,988	WINTRELL, REGINALD	2,429,948
THE GOVERNORS OF THE		WONG, KENT WAH SHUN	2,468,212
UNIVERSITY OF		WONG, KOI CHONG (CASEY)	2,429,762
ALBERTA	2,441,681	WORTLEY, MICHAEL	2,468,576
THE HOOVER COMPANY	2,467,635	WRIGHT, WILLIAM J.	2,468,210
THE LAURIDSEN GROUP,		WU, CHIEN-I	2,429,279
INC.	2,430,051	WU, CHUNG-CHENG	2,429,589
THE LIFE BELT S.R.L.	2,466,395	WUBBEN, THOMAS MARK	2,467,570
THE UNIVERSITY OF		YASUTOME, AKIRA	2,453,018
QUEENSLAND	2,468,576	YE, WEN-YA	2,455,213
THOMAS, CLARK STEELE	2,467,570	YEUNG, PETER	2,429,535
THOMPSON, JAMES D.	2,468,605	YIN, SAMUEL	2,429,927
THORNTON, DARREN MARK	2,468,576	YOON, KYOUNG RO	2,467,891
THYSSEN POLYMER GMBH	2,468,095	YORK UNIVERSITY	2,429,880
THYSSENKRUPP		YOUNG, BARBARA FAYE	2,429,525
AUTOMOTIVE AG	2,467,600	ZANCHETTI, LOUKA	2,429,293
TOMOTAKI, ROBERTO		ZANCHETTI, REGGIE	2,429,293
CARLOS	2,468,215	ZHANG, LIN	2,462,735
TONDRA, AARON PATRICK	2,467,635	ZHANG, LIN	2,462,820
TOSHIBA COMMUNICATION			
SYSTEMS			
CORPORATION	2,461,805		
TOVREA, DAVID V.	2,467,996		
TOVREA, DAVID V.	2,468,098		
TOWLER, JOHN D.	2,467,450		
TOZAKI, SHUJI	2,467,598		
TROJER, STEPHAN	2,464,859		
TROPIC NETWORKS INC.	2,453,079		
TSENG, KENNETH KUO-SHU	2,467,386		
TSUBATA, KOUICHI	2,453,018		
TUTZAUER, RENE	2,469,866		
UESAKA, KENICHI	2,467,290		
UNILEVER PLC	2,467,141		
URROZ, HECTOR	2,445,926		
VACUMETRICS INC.	2,430,613		
VAN DAM, WILLEM	2,467,640		

**Index of Canadian Applications Open to Public Inspection
November 21, 2004 to November 27, 2004**

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

180S, INC.	2,481,954	AMMERMANN, EBERHARD	2,479,791	BAKER, DAVID J.	2,480,115
3M INNOVATIVE PROPERTIES COMPANY	2,479,226	AMOO, VICTOR	2,479,877	BAKKER, MARGARETHA HENRICA MARIA	2,480,113
3M INNOVATIVE PROPERTIES COMPANY	2,479,923	AMRAD OPERATIONS PTY. LTD.	2,480,059	BAKX, MARTINUS C. M.	2,479,756
3M INNOVATIVE PROPERTIES COMPANY	2,479,925	ANCLIFF, RACHAEL ANN	2,479,910	BALLOU, WILLIAM R.	2,463,581
3SI SECURITY SYSTEMS, INC.	2,480,069	ANDERSEN, LARS FUGLSANG	2,479,604	BALTZER, LARS	2,480,049
A.L. LIGHTECH, INC.	2,478,792	ANDERSEN, LARS FUGLSANG	2,479,608	BANDARAGE, UPUL	2,479,877
ABANADES GARCIA, JUAN CARLOS	2,479,886	ANDERSON TECHNOLOGY CORPORATION	2,480,058	BANHOLZER, ROLF	2,479,919
ABATO, PAUL	2,479,877	ANDERSON, GREG D.	2,479,743	BANYU PHARMACEUTICAL CO., LTD.	2,480,335
ABB OY	2,480,255	ANDERSON, STEWART C.	2,480,153	BANYU PHARMACEUTICAL CO., LTD.	2,482,191
ABBOTT LABORATORIES	2,479,363	ANDRES-GIL, JOSE IGNACIO	2,480,113	BARATTA, ANTHONY	2,479,366
ABE, MASATOSHI	2,479,898	ANGEL, MAXIMILIAN	2,479,557	BARATTA, ANTHONY	2,479,575
ABRAHAM, TIMOTHY W.	2,480,152	ANGSTROM POWER INCORPORATED	2,473,491	BARBER, KEITH A.	2,479,895
ACKERMANN, MATHIAS	2,478,009	AOKI, YASUHIRO	2,479,774	BARBER, MARK W.	2,480,066
ACM RESEARCH, INC.	2,479,794	AQUAFIBER TECHNOLOGIES CORPORATION	2,476,733	BARKER, ANDREW J.	2,479,490
ACM RESEARCH, INC.	2,479,873	ARAKAWA, HIROHARU	2,480,335	BARKER, ANDREW J.	2,479,493
ADAMS, HARRY P.	2,480,115	ARANO, YASUSHI	2,480,408	BARON, JOHN	2,480,083
ADAMS, NEIL P.	2,479,619	ARCANGELI, ROBERT	2,479,857	BARTHEL, JAMES S.	2,482,969
ADC TELECOMMUNICATIONS, INC.	2,480,254	ARCHEY, RICK L.	2,479,793	BASELL POLIOLEFINE ITALIA S.P.A.	2,479,994
AFFINITY CO., LTD.	2,453,194	ARIMA, SATOSHI	2,482,406	BASF AKTIENGESELLSCHAFT	2,479,557
AFNAN, MUHAMMED	2,479,794	ARVIN TECHNOLOGIES, INC.	2,479,953	BASF AKTIENGESELLSCHAFT	2,479,766
AGGARWAL, ASHWANI	2,480,066	ARVINMERITOR DO BRASIL SISTEMAS AUTOMOTIVOS LTDA.	2,482,948	BASF AKTIENGESELLSCHAFT	2,479,791
AGRESEARCH LIMITED	2,480,351	ASHE, ARTHUR J., III	2,480,006	BASF AKTIENGESELLSCHAFT	2,479,940
AGRINOMICS, LLC	2,479,843	ASHLEY, RICHARD	2,480,066	BASF AKTIENGESELLSCHAFT	2,480,036
AHMED, MAHMOOD	2,479,786	ASSEFA, HAREGEWEIN	2,479,877	BASF AKTIENGESELLSCHAFT	2,481,697
AIR PRODUCTS AND CHEMICALS, INC.	2,482,404	ASSEILY, ALEXANDER M.	2,479,758	BASF PLANT SCIENCE GMBH	2,479,409
AIRMAGNET, INC.	2,479,792	ASTRAZENECA AB	2,479,887	BATES, BRIAN ROBERT	2,482,326
AIRMAGNET, INC.	2,479,795	ATI PROPERTIES, INC.	2,480,281	BATKIN, IZMAIL	2,480,257
AIRMAGNET, INC.	2,479,854	ATR SALES, INC.	2,480,158	BAUDRY, JEROME	2,479,818
AKATSUKA, HIDENORI	2,479,831	AU, DEAN	2,479,792	BAUER, JOERG	2,479,409
AKEB, FATIMA	2,478,122	AU, DEAN	2,479,795	BAVARIAN NORDIC A/S	2,478,009
AKZO NOBEL N.V.	2,473,718	AU, DEAN	2,479,854	BAX, BART JAN	2,479,728
ALBEMARLE CORPORATION	2,479,942	AUSTIN, ED	2,479,848	BAYER HEALTHCARE, LLC	2,477,921
ALBRECHT, ROBERT W., JR.	2,480,075	AUSTIN, ED	2,479,956	BAYER MATERIALSCIENCE AG	2,479,772
ALCAZAR-VACA, MANUEL JESUS	2,480,113	AVECIA BIOTECHNOLOGY INC.	2,479,901	BAYER MATERIALSCIENCE AG	2,480,062
ALCON, INC.	2,479,915	AVECIA LIMITED	2,479,998	BAYER POLYMERS LLC	2,479,793
ALEXION PHARMACEUTICALS, INC.	2,482,333	AVENTIS PHARMACEUTICALS INC.	2,479,647	BAYNE, CHRISTIAN F.	2,480,070
ALFERNES, CLIFTON A.	2,479,805	B & C BIOPHARM	2,479,777	BEAUDOIN, ADRIEN	2,479,501
ALIPHCOM	2,479,758	BACA, MANUEL	2,480,059	BECTON, DICKINSON AND COMPANY	2,480,072
ALLASIA, ANDREA	2,479,224	BADER, UNAL	2,479,921	BEDARD, PAUL NORMAND	2,479,946
ALUMILOC INC.	2,479,513	BAELL, JONATHAN B.	2,479,481	BEEMER, KATHLEEN	2,480,012
AMATO PHARMACEUTICAL PRODUCTS, LTD.	2,480,001	BAIKER, WOLFGANG	2,479,992	BEIMFOHR, CLAUDIA	2,479,990
AMATO PHARMACEUTICAL PRODUCTS, LTD.	2,480,002	BAKER HUGHES INCORPORATED	2,480,070	BELCHER, W. MAURICE	2,479,773
AMATO PHARMACEUTICAL PRODUCTS, LTD.	2,480,408	BAKER HUGHES INCORPORATED	2,480,077	BELL, BRANDON WAYNE	2,479,725
AMERSHAM BIOSCIENCES AB	2,479,896	BAKER HUGHES INCORPORATED	2,480,259	BENDER, HELMUT	2,479,652
AMITAI, YAAKOV	2,479,824	BAKER HUGHES INCORPORATED	2,482,329	BENLALAM, HOUSSEM	2,477,762
AMMERMANN, EBERHARD	2,479,766			BENREZZAK, OUHIDA	2,479,501
				BENSON, RICHARD W.	2,479,797
				BERKSHIRE LABORATORIES, INC.	2,480,003
				BERLOWITZ, PAUL JOSEPH	2,482,339

Index of PCT Applications Entering the National Phase

BERNIAC, JOEL	2,479,877	PUBLIC LIMITED		CATANI, STEVEN J.	2,481,405
BERRILL, ARTHUR R.	2,479,838	COMPANY	2,479,219	CELGENE CORPORATION	2,479,666
BERRY, BRET M.	2,479,802	BRITISH		CELLCONTROL BIOMEDICAL	
BG TECHNOLOGIES UK		TELECOMMUNICATIONS		LABORATORIES AG	2,478,346
LIMITED	2,480,014	PUBLIC LIMITED		CENTRE NATIONAL DE LA	
BHATIA, BEENA	2,479,877	COMPANY	2,479,223	RECHERCHE	
BIECK, FLORIAN	2,479,823	BRITISH		SCIENTIFIQUE (CNRS)	2,478,122
BIO DAR LTD.	2,479,915	TELECOMMUNICATIONS		CERVITECH, INC.	2,482,403
BIO MINERALS N.V.	2,479,659	PUBLIC LIMITED		CHAKRABARTY, TAPANTOSH	2,482,339
BIODELIVERY SCIENCES		COMPANY	2,479,231	CHANDUSZKO, ANDRZEJ J.	2,480,021
INTERNATIONAL, INC.	2,480,265	BRITISH		CHANDY, GEORGE K.	2,479,481
BIOFLASH INC.	2,479,501	TELECOMMUNICATIONS		CHANG, RU KAO	2,479,794
BIOMAR GROUP	2,480,028	PUBLIC LIMITED		CHAOTICOM, INC.	2,479,729
BIOTAGE, INC.	2,480,075	COMPANY	2,479,573	CHAPLIN, PAUL	2,478,009
BIRCH, PHILLIP JOHN	2,479,718	BRITISH		CHAPMAN, JAMES	
BIRKE, FRANZ	2,480,032	TELECOMMUNICATIONS		CHRISTOPHER TYDD	2,479,219
BIRKS, TIMOTHY ADAM	2,479,760	PUBLIC LIMITED		CHASTEEN, THOMAS G.	2,479,857
BJOERK, FREDRIK	2,479,778	COMPANY	2,479,577	CHEN, JACKSON	2,479,877
BLAKELY, WILLIAM	2,480,065	BRITISH		CHEN, LAN BO	2,480,011
BLANZ, MARTIN	2,482,329	TELECOMMUNICATIONS		CHEN, XIN E.	2,480,156
BLATT, YOAV	2,479,915	PUBLIC LIMITED		CHEVRON U.S.A. INC.	2,479,287
BLATTNER, FREDERICK R.	2,473,922	COMPANY	2,479,581	CHIAN, RI-CHENG	2,477,743
BLETTNER, CARSTEN	2,479,766	BRITISH		CHIBA, MASATO	2,482,191
BLOK, EDWARD J.	2,479,926	TELECOMMUNICATIONS		CHILINGARIAN, ASHOT	2,478,022
BLUM, BENTLEY J.	2,480,003	PUBLIC LIMITED		CHIQUET-EHRISMANN, RUTH	2,480,050
BLUME, JOHN E.	2,477,348	COMPANY	2,479,585	CHIYODA CORPORATION	2,480,102
BOCHNIAK, DAVID	2,479,943	BRITISH		CHO, KWAN-HYUNG	2,479,888
BOEHME, THOMAS		TELECOMMUNICATIONS		CHO, KWAN-HYUNG	2,479,893
FRIEDHELM	2,479,955	PUBLIC LIMITED		CHOI, HAN-KOOK	2,479,851
BOEHRINGER INGELHEIM		COMPANY	2,479,651	CHOKSHI, HIMANSHU J.	2,479,794
INTERNATIONAL GMBH	2,479,914	BRITISH		CHOU, SHINE K.	2,480,151
BOEHRINGER INGELHEIM		TELECOMMUNICATIONS		CHOUINARD, PAUL F.	2,476,734
PHARMA GMBH & CO. KG	2,479,652	PUBLIC LIMITED		CHRISSTOFFELS, LYSANDER	2,479,557
BOEHRINGER INGELHEIM		COMPANY	2,479,789	CHRISTEN, THOMAS	2,479,791
PHARMA GMBH & CO. KG	2,479,919	BRITISH		CHRISTENSEN, MOGENS	2,476,751
BOEHRINGER INGELHEIM		TELECOMMUNICATIONS		CHRISTENSEN, NEIL	2,480,008
PHARMA GMBH & CO. KG	2,479,992	PUBLIC LIMITED		CHRISTIANSEN, BERND O.	2,479,966
BOEHRINGER INGELHEIM		COMPANY	2,480,030	CHRYSALIS TECHNOLOGIES,	
PHARMA GMBH & CO. KG	2,480,032	BROCKHAUS, ROLF	2,480,030	INC.	2,480,083
BOEHRINGER INGELHEIM		BROOKS, JULIANA H. J.	2,480,003	CHRYSALIS TECHNOLOGIES,	
PHARMA GMBH & CO. KG	2,480,032	BROWN, LINDSAY	2,479,098	INC.	2,480,220
BOEHRINGER INGELHEIM		BROWN, MARY J.	2,482,337	CHUGAI SEIYAKU KABUSHIKI	
PHARMACEUTICALS, INC.	2,479,943	BRUN DEL RE, RICCARDO	2,480,257	KAISHA	2,480,054
BOILY, JACQUES	2,479,513	BRYANT, JUDI	2,479,892	CHUNG, CHONG-SAM	2,479,851
BONDÉ, HANS SOEREN	2,479,775	BUCKLEY, LISA A.	2,480,019	CHUNG, DO HYUN	2,479,401
BOOS, JUERGEN	2,480,036	BUCKLEY, LISA A.	2,480,023	CHUNG, HYUN-KWON	2,479,483
BOSCH, H., WILLIAM	2,479,665	BUCKMAN, BRAD O.	2,479,892	CIBA SPECIALTY CHEMICALS	
BOSCH, WILLIAM H.	2,479,737	BUDTZ, LARS	2,476,751	HOLDING, INC.	2,479,946
BOSSOUTROT, CEDRIC	2,476,633	BURDEN, FAITH ADELAIDE	2,479,897	CIERNY, MICHAEL	2,480,261
BOSSOUTROT, CEDRIC	2,476,634	BUREAU, CHRISTOPHE	2,479,364	CIMINI, JOSEPH	2,479,836
BOSSOUTROT, CEDRIC	2,476,635	BURKEY, BRYAN	2,479,880	CINELLI, FABIO	2,479,781
BOSTON SCIENTIFIC LIMITED	2,476,734	BURNETT, GEORGE		CITRIX ONLINE, LLC	2,479,966
BOURGUIGNON, MICHEL	2,479,817	ALEXANDER	2,479,590	CIUCA, ZAZU	2,480,068
BOUT, ABRAHAM	2,477,954	BURNETT, GREGORY C.	2,479,758	CLAVETTE, DAN	2,479,754
BOVEE, LOREN LEE	2,479,725	BURROWS, BRUCE D.	2,479,368	CLEMENS, WILLIAM R.	2,480,156
BOWDISH, KATHERINE S.	2,482,333	BUTINA APS	2,479,806	CLENDENNEN, STEPHANIE K.	2,479,843
BRACHMAN, ERIN E.	2,478,479	CALLAGHAN, DAVID J.	2,480,021	COATE, JEREMY E.	2,479,843
BRADLEY, DAVID	2,479,220	CAMERON, KIMBERLY		COENRAETS, BENOIT	2,479,548
BRADY, CHARLES A.	2,479,942	O'KEEFE	2,479,222	COGNISCIENCE LIMITED	2,479,944
BRAILLARD, FREDERIC	2,476,633	CAMPAS HOMS, MONICA	2,479,987	COLBAR LIFESCIENCE LTD.	2,482,309
BRAILLARD, FREDERIC	2,476,634	CAMPBELL, GEORGE GILES	2,480,243	COLES, PETER	2,479,781
BRAILLARD, FREDERIC	2,476,635	CAMPBELL, JACQUELINE A.	2,479,226	COLGATE-PALMOLIVE	
BRANDES, GEORGE R.	2,479,657	CAO, WEI-DI	2,480,281	COMPANY	2,479,945
BRANNAN, DENNIS G.	2,479,226	CARGILL, INCORPORATED	2,479,948	COLGATE-PALMOLIVE	
BRENNAN, RICHARD LEE	2,480,155	CARGILL, INCORPORATED	2,480,152	COMPANY	2,479,947
BRINGE, NEAL A.	2,479,587	CARMODY, MICHAEL A.	2,480,077	COLLINS, DESMOND MICHAEL	2,480,351
BRITISH		CARTER, LANDIS H.	2,481,690	COMMISSARIAT A L'ENERGIE	
TELECOMMUNICATIONS		CARY, GRETA G.	2,479,665	ATOMIQUE	2,479,364
PUBLIC COMPANY		CARY, GRETA G.	2,479,737	COMMOTION INC.	2,479,883
LIMITED	2,479,228	CASH, DENNIS R.	2,479,287	COMPOSHIELD A/S	2,479,775
BRITISH		CASIO COMPUTER CO., LTD.	2,479,844		
TELECOMMUNICATIONS		CASTILE, JONATHAN DAVID	2,479,718		
		CATANI, STEVEN J.	2,481,402		

Index des demandes PCT entrant en phase nationale

COMPOSITE TECHNOLOGY CORPORATION	2,480,271	DIETZ, TIMOTHY G.	2,479,667	ELECTRONIC DATA SYSTEMS CORPORATION	2,480,180
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	2,479,886	DIEZ, ELIZABETH	2,477,762	EMAYAN, KUMAR	2,479,892
CONSTANTZ, BRENT R.	2,479,753	DIKOVSKA, KLARA	2,479,906	EMORY UNIVERSITY	2,479,879
COOK BIOTECH, INCORPORATED	2,479,765	DILLARD, DAVID H.	2,479,805	ENGLBERGER, WERNER	2,480,038
COOK, CAROLINE MARY	2,479,910	DINSMORE, JONATHAN	2,479,582	ERIC TECHNOLOGIES CORP.	2,479,490
COOK, JOHN SPENCER	2,479,912	DOAK, JOHN L.	2,481,974	ERIC TECHNOLOGIES CORP.	2,479,493
COOPER, GARTH JAMES SMITH	2,477,969	DOLATABADI, ALI	2,479,811	ESCHER FILHO, DECIO ANTONIO	2,482,948
COORS BREWING COMPANY	2,479,726	DOLPHIN, GUNNAR	2,480,049	ETCHES, ROBERT J.	2,480,012
COPELAND, DICK	2,479,773	DOMEN, KAZUNARI	2,480,401	ETHICON ENDO-SURGERY, INC.	2,479,841
COPPI, GIOACCHINO	2,482,321	DOVE, JOHN	2,479,838	ETTORRE, DONATO	2,480,074
CORAZON TECHNOLOGIES, INC.	2,479,753	DOW GLOBAL TECHNOLOGIES INC.	2,479,809	EUM, JAE-YONG	2,479,851
CORCORAN, DEAN T.	2,479,805	DOW GLOBAL TECHNOLOGIES INC.	2,479,878	EVONIUK, CHRISTOPHER J.	2,479,226
CORDON, CASEY LEE	2,479,946	DOW GLOBAL TECHNOLOGIES INC.	2,480,006	EXXONMOBIL OIL CORPORATION	2,479,845
CORONET-WERKE GMBH	2,479,799	DOW GLOBAL TECHNOLOGIES INC.	2,480,167	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,479,779
CORRADINI, FABIO	2,480,063	DOW GLOBAL TECHNOLOGIES INC.	2,480,036	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,482,339
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	2,480,250	DREWRY, TROY D.	2,479,802	EYE DESIGNS LLC	2,446,823
CRANFIELD UNIVERSITY	2,479,886	DROEGE, THOMAS	2,480,036	F. HOFFMANN-LA ROCHE AG	2,479,644
CREAVIS GESELLSCHAFT FUR TECHNOLOGIE UND INNOVATION MBH	2,479,941	DUFFY, SEAN	2,480,065	FABRI, LOUIS JERRY	2,480,059
CREDALI, UMBERTO	2,479,994	DUGGAN, ANDREW MICHAEL	2,480,000	FARRIS, MATTHEW A.	2,479,575
CREE, INC.	2,479,657	DULLEA, LEONARD V.	2,479,860	FATTORI, JOSEPH EDWARD	2,479,947
CROCKER, STEVE	2,479,404	DUNKI-JACOBS, ROBERT	2,479,841	FEDERSPIEL, NANCY	2,479,843
CROMIE, LILLIAN	2,480,065	DUNLOP, FELICITY MEREDITH	2,480,059	FEECHAN, MICHAEL	2,479,961
CROWTHER, MARK	2,479,754	DURR ECOCLEAN GMBH	2,480,262	FENG, ZHIDE	2,480,103
CROZET, YVES	2,480,067	DURUZ, JEAN-JACQUES	2,479,821	FENTRESS, JAMES	2,480,072
CRUCCELL HOLLAND B.V.	2,477,954	DUTTA, ARUNAVA	2,479,860	FERRARIS, GIUSEPPE	2,479,224
CRYSTAL FIBRE A/S	2,479,760	DUVAL, DANIELE	2,478,122	FERRIS, MATHEW D.	2,480,254
CUEVAS, LUCIANO	2,479,575	DVORAK, SARAH LYNN	2,479,725	FIBERSPAR CORPORATION	2,479,961
CULLY, EDWARD H.	2,479,776	DYNACO INTERNATIONAL, S.A.	2,479,548	FILLATTI, JOANNE J.	2,479,587
CUMMING, JOHN	2,479,887	E.I. DU PONT DE NEMOURS	2,479,550	FINN, PAUL W.	2,479,906
CUPO, ANNY	2,478,122	E.I. DU PONT DE NEMOURS	2,480,116	FINOTELLO, ANDREAS	2,480,074
CURTIN, MICHAEL	2,479,363	EATON ELECTRIC N.V.	2,479,221	FISCHER, OLIVER	2,477,932
CUZZANI, OSCAR	2,479,490	ECKELS, KENNETH H.	2,463,581	FISHER CONTROLS INTERNATIONAL LLC	2,479,725
CUZZANI, OSCAR	2,479,493	ECKER, FRIEDRICH	2,479,289	FISHER, MICHAEL ANDREJA	2,479,573
CYNSHI, OSAMU	2,480,054	EDGE, ALBERT	2,479,582	FISHER, MICHAEL ANDREJA	2,479,651
CZEKAY, DIETMAR	2,479,981	EDWARDS LIFESCIENCES CORPORATION	2,480,044	FLETCHER, LEAH D.	2,479,118
DAHLBERG, ARTHUR J.	2,479,287	EDWARDS, JEFFRY S.	2,480,077	FLICK, DERRICK W.	2,479,883
DAI, YUJIA	2,479,363	EDWARDS, MARTIN RUSSELL	2,479,998	FLYNN, JEFFREY S.	2,479,657
DALGETTY, RICHARD GEORGE	2,482,326	EDWARDS, NICHOLAS HECTOR	2,479,219	FORDE, SEAN T.	2,480,021
DAMON, ROBERT EDSON	2,479,880	EFTHIMIOU, JOHN	2,480,054	FORNESS, CECILE	2,479,943
DANKO, MICHAEL	2,479,560	EICHARDT, ANNETTE	2,479,991	FRANCHINI, MARCO	2,478,009
DATA QUALITY SOLUTIONS, INC.	2,479,757	EICHARDT, ANNETTE	2,480,004	FRECHETTE, ROGER	2,479,877
DAVIDSEN, STEVEN K.	2,479,363	EINUADI, ANDREW E.	2,479,758	FREY, GEORGE	2,479,802
DE HAAN, PIETER	2,473,718	EISAI CO., LTD.	2,479,764	FREY, ROBIN R.	2,479,363
DE LUCAS OLIVARES, ANA ISABEL	2,480,113	EISSENS, ANKO C.	2,480,270	FRIJLINK, HENDERIK W.	2,480,270
DE NORA, VITTORIO	2,479,821	ELAN PHARMA INTERNATIONAL LIMITED	2,479,665	FRITO-LAY NORTH AMERICA, INC.	2,479,655
DEBINSKI, WALDEMAR	2,480,008	ELAN PHARMA INTERNATIONAL LIMITED	2,479,735	FUCHS, ERNST	2,480,261
DEHESH, KATAYOON	2,479,587	ELAN PHARMA INTERNATIONAL LIMITED	2,479,737	FUJII, IKUO	2,478,658
DELA CRUZ, JAY	2,480,034	ELDON, JAMES	2,446,823	FUJIKAWA, KEIJI	2,479,660
DELNEVO, ANNALISA	2,479,661	ELDRED, COLIN DAVID	2,479,910	FUKAMI, TAKEHIRO	2,482,191
DEMENDI, JOSEPH F.	2,480,156	ELECTROLUX PROFESSIONAL OUTDOOR PRODUCTS, INC.	2,479,366	FUKUDA, MIKIO	2,482,209
DENIAU, GUY	2,479,364	ELECTROLUX PROFESSIONAL OUTDOOR PRODUCTS, INC.	2,479,575	FURBER, STEPHEN BYRAM	2,479,944
DEPUY ACROMED, INC.	2,479,743	ELECTRONIC DATA SYSTEMS CORPORATION	2,480,105	G.A.M.A.-H.S. S.R.L.	2,482,321
DERIDDER, STEVEN D.	2,479,802			GABBIANELLI, GIANFRANCO	2,480,066
DERRE, LAURENT	2,477,762			GABOR, BAJKO	2,479,989
DEVORE, LAURI J.	2,479,805			GAILITE, VJIA	2,479,906
DEWALD, EDWARD	2,479,838			GALBRAITH, RICHARD LEO	2,479,965
DIAMOND, JENNIFER	2,480,012			GAMBRO LUNDIA AB	2,479,661
DICESARE, JOHN	2,480,066			GAMBRO LUNDIA AB	2,482,405

Index of PCT Applications Entering the National Phase

GENERAL INSTRUMENT CORPORATION	2,479,227	HAAGA, JOHN R.	2,479,552	HONEYWELL INTERNATIONAL INC.	2,481,974
GENVEC, INC.	2,479,582	HAATAJA, TIMOTHY JON	2,480,254	HONSBERG-RIEDL, MARTIN	2,479,981
GERECKE, HAGEN	2,479,991	HACKBARTH, SANDRA	2,479,772	HOPCUS, ERNEST A.	2,479,226
GERECKE, HAGEN	2,480,004	HACOHEN, NIR	2,480,011	HOPPE, ANDREAS	2,481,697
GERTZMANN, ROLF	2,479,772	HAGA, YUJI	2,482,191	HORHOTA, STEPHEN T.	2,479,943
GERVOIS, NADINE	2,477,762	HAHN, CHANG	2,479,647	HORIE, KENTARO	2,478,015
GEWEHR, MARKUS	2,479,766	HAIDER, GUENTER	2,479,658	HORION, PASCAL	2,479,860
GHANEA-HERCOCK, ROBERT ALAN	2,479,228	HAINES, CHRISTOPHER ALAN	2,479,471	HORTON, FRANK A.	2,480,066
GIANCOLA, ANDREA	2,479,224	HALLIBURTON ENERGY SERVICES, INC.	2,480,267	HOSEL, PETER	2,479,991
GIFFORD, MAURICE MERRICK	2,479,219	HALLVARDSSON, KRISTJAN	2,479,796	HOSEL, PETER	2,480,004
GILA, JANOS	2,479,225	HAMADA, KENICHI	2,479,281	HOSNEDL, JIRI	2,480,251
GILDE, DONALD R.	2,479,226	HAN, JAE-JIN	2,479,777	HOSOI, KAZUYUKI	2,482,623
GILL, KANWALJIT SINGH	2,480,014	HANNA, MARTIN	2,479,661	HOUSE FOODS CORPORATION	2,478,014
GILLEGERTEN, FRANK	2,479,658	HANNING-LEE, MARK A.	2,479,875	HOUSE FOODS CORPORATION	2,478,015
GLANCEY, LIUDMILLA PENCHEVA	2,479,897	HANSEN, HANS	2,478,011	HOVELL, PETER	2,479,581
GLASNER, JEREMY D.	2,473,922	HANSEN, HANS	2,478,012	HOVEY, DOUGLAS C.	2,479,737
GLASS, LEON	2,479,500	HARADA, HIROSHI	2,479,774	HOWE, RICHARD C.	2,482,337
GLAXO GROUP LIMITED	2,479,786	HARRISON, LEE ANDREW	2,479,910	HOZUMI, YOSHIKAZU	2,480,102
GLAXO GROUP LIMITED	2,479,819	HARVEY, ANDREW J.	2,479,481	HRATKO, LINDA	2,479,215
GLAXO GROUP LIMITED	2,479,910	HARVEY, MARK BRADFORD PULLAR	2,479,098	HSU, MICHAEL S.	2,479,742
GLAXO GROUP LIMITED	2,479,912	HASEGAWA, TOSHIAKI	2,480,102	HU, SHIH-CHE	2,479,979
GLEBA, YURI	2,479,984	HATTORI, AKIHIKO	2,479,695	HUANG, HAITAO	2,479,790
GLIDESTORE FREETRACK PTY LTD	2,480,243	HAUCK, ANTHONY LEE	2,480,158	HUANG, QIAN	2,480,011
GLIESING, SABINE	2,479,991	HAVERKOST, PATRICK A.	2,476,734	HUGHES, THOMAS EDWARD	2,479,880
GLIESING, SABINE	2,480,004	HAWKINS, PHILLIP THOMAS	2,479,907	HUTCHISON, ALAN	2,479,928
GOBERTI, PAOLO	2,479,994	HAWLEY, RONALD CHARLES	2,479,644	ICON GENETICS INC.	2,479,984
GOEHL, HERMANN	2,479,661	HAYES, ANN GAIL	2,479,718	IDENO, MITSUKO	2,479,288
GOLDENBERG, DAVID M.	2,478,011	HAYES, MARTIN ALISTAIR	2,479,819	IJIMA, TORU	2,479,831
GOLDENBERG, DAVID M.	2,478,012	HAYES, MARTIN ALISTAIR	2,479,910	IMAI, SHINSUKE	2,478,014
GOLDMAN, STEPHEN ALLEN	2,479,781	HEALTH PROTECTION AGENCY	2,479,576	IMAI, SHINSUKE	2,478,015
GOLDSTEIN, DAVID MICHAEL	2,479,644	HEFTI, HANS PETER	2,478,009	IMMUNOMEDICS, INC.	2,478,011
GONZALEZ, HUGO X.	2,479,805	HEINEKEN TECHNICAL SERVICES B.V.	2,479,728	IMMUNOMEDICS, INC.	2,478,012
GONZALEZ, JOSE	2,479,364	HELFERICH, JOHN D.	2,479,797	INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)	2,477,762
GORBATY, MARTIN LEO	2,479,779	HENNIES, HAGEN-HEINRICH	2,480,038	INTELLISIST LLC	2,479,407
GORDON, D. MICHAEL	2,479,367	HEO, JUNG-KWON	2,479,483	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,479,949
GORDON, D. MICHAEL	2,479,592	HERRING, CHRISTOPHER D.	2,473,922	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,479,955
GORDON, DAVID C., JR.	2,479,367	HEYER, BABETTE	2,480,012	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,479,965
GORDON, DAVID C., JR.	2,479,592	HIEL, CLEM	2,480,271	INTERNATIONAL RECTIFIER CORPORATION	2,479,754
GORE ENTERPRISE HOLDINGS, INC.	2,479,776	HIGBEE, RUSSELL G.	2,480,011	IONIX PHARMACEUTICALS LIMITED	2,479,718
GORE, PAUL MARTIN	2,479,910	HILDERINK, JOHANNES HERMANNUS LAURENTIUS ANTON	2,479,221	IP HOLDINGS, L.L.C.	2,479,773
GORISCHEK, IGNAZ M.	2,479,836	HILL, LEO E., JR.	2,480,070	IRVINE, DARRELL	2,480,011
GRABAU, PETER	2,479,604	HILLER GMBH	2,479,658	ISHIBASHI, NAOHIKO	2,479,660
GRABAU, PETER	2,479,608	HILTON, DOUGLAS JAMES	2,480,059	ISHIBASHI, NOBUYUKI	2,480,417
GRAEBNER, HAGEN	2,479,652	HINRICH, WOUTER L. J.	2,480,270	ISHIGAKI, TAKESHI	2,480,039
GRAMMENOS, WASSILIOS	2,479,766	HINZ, MARTIN C.	2,479,218	ISHIHARA, AKANE	2,482,191
GRAULICH, MANFRED	2,479,919	HINZ, ROLF	2,480,030	ISHII, AKIRA	2,479,549
GRAWE, DETLEF	2,479,991	HIRAMA, MASAHIRO	2,478,658	ISHII, YASUYUKI	2,482,191
GRAWE, DETLEF	2,480,004	HIRONORI, OKAZAWA	2,479,851	ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.	2,479,774
GRAZIANO, MAURIZIO	2,480,074	HJERMITSLEV, NIELS HARTHOJ	2,480,028	ISHIUCHI, SHOGO	2,479,495
GREEN, BRUCE A.	2,479,118	HO, FREDERICK	2,479,794	ISHIZAKA, YOKO	2,480,039
GREGOIRE, FRANCINE M.	2,477,348	HOBBS, DALE JAMES	2,479,626	ISIS INNOVATION LIMITED	2,479,881
GRIESE, ROLAND	2,479,788	HOBER, SOPHIA	2,479,896	ISLAM, IMADUL	2,479,892
GROGL, MAX	2,463,581	HODGSON, DAVID ALLAN	2,479,897	ISMAIL, MOHAMED Y.	2,479,877
GROTE, THOMAS	2,479,766	HODGSON, SIMON TEANBY	2,479,910	ISOM, MATTHEW	2,481,954
GRUNENTHAL GMBH	2,480,038	HOERSTING, KARLHEINZ	2,479,814	ITO, KYOKO	2,480,043
GSCHWIND, ANDREAS	2,477,932	HOFFMAN, COREY E.	2,479,960		
GUEDJ, ROGER	2,478,122	HOFFMANN, HAKIM	2,476,633		
GUEHENNEUX, FABIENNE	2,478,125	HOFFMANN, HAKIM	2,476,634		
GUILLOUX, YANNICK	2,477,762	HOFFMANN, HAKIM	2,476,635		
GUO, YAN	2,479,363	HOGERTON, PETER B.	2,479,925		
GUSTAFSON, ERIC J.	2,479,954	HOLSCHER, FRANK	2,480,027		
GUTMAN, FELIX	2,479,794	HOMEDICS, INC.	2,480,009		
GYPSEY, ANDREAS	2,479,766				
H.B. FULLER LICENSING & FINANCING, INC.	2,480,153				

Index des demandes PCT entrant en phase nationale

ITO, MOTOSHI	2,479,487	KIKUTANI, FUMITAKA	2,482,406	LANGE, ARNO	2,479,940
ITOH, TAKAHIRO	2,482,191	KILBRIDE, IAN PATRICK	2,479,760	LANGE, ERIC C.	2,479,802
IVANOV, PETER	2,479,984	KILDEGAARD, JACOB	2,479,806	LANGE-KORNBACH, DAN	2,479,775
IWASAKI, SUMIO	2,480,332	KIM, AERI	2,479,888	LE GETTE, BRIAN E.	2,481,954
JACOBON, MITCHELL	2,479,779	KIM, AERI	2,479,893	LE SAINT, CECILE	2,478,122
JAIN, RAJEEV	2,479,665	KIM, BONG-CHAN	2,479,888	LEA, TONY	2,479,838
JAIN, RAJEEV A.	2,479,737	KIM, JONG-WOO	2,479,777	LEE, GEUN-HYUNG	2,479,777
JAMES, DONALD E.	2,479,490	KIM, JU-HWAN	2,479,648	LEE, JEE-SUCK	2,479,648
JAMES, DONALD E.	2,479,493	KIM, OAK A.	2,479,877	LEE, SANG-WOOK	2,479,777
JANHUNEN, STEFAN E.	2,479,605	KIM, SEON-KYU	2,479,648	LEE, YONG-HOON	2,479,851
JANSSEN PHARMACEUTICA, NV	2,480,113	KIM, SUNG DAE	2,480,064	LEFKER, BRUCE ALLEN	2,479,222
JAPAN ENVIROCHEMICALS, LTD.	2,480,037	KIM, SUNG-JI	2,479,888	LEIB, JUERGEN	2,479,823
JAPAN SCIENCE AND TECHNOLOGY AGENCY	2,478,658	KIM, YOUNG-NAM	2,479,648	LESERER, MICHAEL	2,477,932
JAPAN SCIENCE AND TECHNOLOGY AGENCY	2,480,401	KING, JOHN ROBERT	2,479,581	LESURF, JAMES CHRISTOPHER GEORGE	2,480,248
JAWERTH, BJORN	2,479,401	KING, ROSWELL EASTON	2,479,946	LEUNG, SHUI-ON	2,478,012
JAYCOX, GARY DELMAR	2,479,550	KIRKUP, MICHAEL G.	2,479,619	LEUSENKAMP, MARTIN BERNARDUS JOHANNES	2,479,221
JEBB, TIMOTHY RALPH	2,479,231	KITAMORI, TAKEHIKO	2,479,695	LEVIN, GILBERT	2,480,031
JEBB, TIMOTHY RALPH	2,479,585	KITAMOTO, HIROKO	2,479,908	LEVIN, PHILIP	2,479,857
JENKINS, RHESA	2,479,220	KLANCNIK, ALVIN R.	2,479,951	LEVINE, ANDY	2,479,857
JENSEN, KYLE R.	2,476,733	KLIMYUK, VICTOR	2,479,984	LEVY, STANLEY JR.	2,479,667
JENSEN, TORBEN DUEDAL	2,480,028	KLINE, LAURA J.	2,479,737	LEWELL, XIAO QING	2,479,910
JI, ZHIQIN	2,479,363	KMIEC, ERIC B.	2,478,479	LG ELECTRONICS INC.	2,479,648
JIAN, CHRISTOPHER Q.	2,480,115	KNIGHT, ERIK A.	2,480,180	LG ELECTRONICS INC.	2,480,064
JOHANSEN, JACK T.	2,479,901	KNIGHT, JONATHAN CAVE	2,479,760	LG LIFE SCIENCES LTD.	2,479,888
JOHN CRANE INC.	2,480,156	KNOBLAUCH, GEORG	2,480,036	LG LIFE SCIENCES LTD.	2,479,893
JOHNSON, CHRISTOPHER NORBERT	2,479,786	KNOERZER, ANTHONY ROBERT	2,479,655	LI, SONGHUA	2,480,332
JOHNSON, JEFFREY D.	2,477,348	KO, JUNG-WAN	2,479,483	LI, XIANG	2,479,838
JOHNSON, WADE M.	2,476,734	KOBAYASHI, TOSHIHARU	2,479,774	LIBERMAN, ALEXANDRA	2,479,955
JONES, DAVID	2,478,022	KOCK, MICHAEL	2,479,409	LIEDBERG, BO	2,480,049
JONES, MARTIN C.	2,479,786	KODERA, TSUTOMU	2,480,335	LIGHTNER, JONATHAN	2,479,843
JOTEREAU, FRANCINE	2,477,762	KOEGEL, BABETTE-YVONNE	2,480,038	LINARD, BORIS	2,477,762
JPS CONVERTER AND INDUSTRIAL CORPORATION	2,481,690	KOEHLER, DAMON L.	2,479,794	LINNA, JAN-ROGER	2,480,083
JUDD, DUNCAN BRUCE	2,479,910	KOERMER, GERALD S.	2,479,215	LINT, GREG VAN	2,480,069
JUNG, KIL-SOO	2,479,483	KOESTER, DAVID JOHN	2,479,725	LINVATEC BIOMATERIALS LTD.	2,479,820
JUTURU, VIJAYA	2,480,268	KOHL, GARRETT WILLIAM	2,479,655	LITTLE, HERBERT A.	2,479,605
KABEN RESEARCH INC.	2,480,258	KOIZUMI, YUTAKA	2,479,774	LITTLE, HERBERT A.	2,479,619
KACHURIN, ANATOLY	2,480,011	KOKTA, MILAN R.	2,480,117	LITTLE, HERBERT A.	2,479,626
KADOTANI, TSUTOMU	2,480,058	KOLPIN, HANS	2,480,257	LIU, HONG	2,479,647
KAESKE, EGON	2,480,262	KOMORI, TOSHIHIKO	2,480,054	LM GLASFIBER A/S	2,479,604
KAEVER, PETER	2,480,027	KOMOROWSKI, JAMES R.	2,480,268	LM GLASFIBER A/S	2,479,608
KAINOH, MIE	2,480,039	KONDO, MASAMI	2,479,660	LOFTUS, PETER	2,480,083
KALVINSH, IVARS	2,479,906	KONRAD, WOLFGANG	2,479,225	LOLYA, DAINA	2,479,906
KAMATA, TSUNEHIRO	2,478,014	KORZENIOWSKI, GEORGE	2,480,271	LONZA BIOLOGICS PLC.	2,480,126
KAMATA, TSUNEHIRO	2,478,015	KOSLOW TECHNOLOGIES CORPORATION	2,478,396	LORENZ, GISELA	2,479,766
KAMINSKI, ROBERT M.	2,480,066	KOSLOW, EVAN E.	2,478,396	LORENZ, GISELA	2,479,791
KANATANI, AKIO	2,482,191	KOSUB, MIKE	2,480,063	LOUIE, WAI, SEUNG W.	2,479,287
KANEKO, EMI	2,480,408	KOWALCZYK, JAMES J.	2,479,764	LOUIS, RONALD J.	2,481,974
KATAKIS, IOANNIS DAIDALOS	2,479,987	KROPP, KARL M.	2,479,925	LOZA, EINARS	2,479,906
KATO, HIROKAZU	2,480,411	KRUSPE, THOMAS	2,482,329	LUCAS, PHILIP J.	2,479,726
KATO, IKUNOSHIN	2,479,288	KUAN, CHIA-CHEE	2,479,792	LUENNE, STEFANIE	2,480,036
KAUFMAN, ALON D.	2,480,009	KUAN, CHIA-CHEE	2,479,795	LUI, ALFRED SUI-TING	2,479,644
KAWABE, YOSHIKI	2,480,054	KUAN, CHIA-CHEE	2,479,854	LUMERX, INC.	2,479,857
KAWAGUCHI, TAKAYUKI	2,479,831	KUEHFUSZ, RUDOLF	2,479,814	LUMUS LTD.	2,479,824
KAY, JEFFREY	2,479,404	KUHN, GARY K.	2,479,925	LUNDSTROEM, INGEMAR	2,480,049
KAYANO, YOSHISADA	2,482,623	KULINNA, CHRISTIAN	2,479,919	LUTZ, ANDREAS	2,480,010
KAZHDAN, PAVEL	2,479,915	KUMAMOTO, YUSUKE	2,480,058	MAANSAARI, KIRSI	2,479,989
KEANE, MICHAEL	2,479,820	KUME, AKIHIRO	2,479,996	MACDONALD, GREGOR JAMES	2,479,786
KEELING, SUZANNE ELAINE	2,479,910	KURARAY CO., LTD.	2,479,281	MACFARLANE, DAVID GRAHAM	2,480,248
KELLER, ARNOLD	2,482,403	KURITA WATER INDUSTRIES LTD.	2,482,087	MACLAY, THOMAS B.	2,479,962
KELLER, BRADLEY T.	2,479,722	KUTZ, MICHAEL E.	2,479,818	MADDEN, MICHAEL P.	2,479,954
KELTER-WESEBBERG, NIELS	2,479,775	KUZNETSOV, GALINA	2,479,764	MAEDA, DAISAKU	2,480,256
KI, KEUN-SEO	2,480,406	KYLLINGSTAD, AGE	2,479,917	MAEDER, URS	2,480,061
KIEHNE, BRUCE LEIGH	2,480,246	LABARRIERE, NATHALIE	2,477,762	MAGILL, ALAN J.	2,463,581
		LABORATORIOS MIRET, S.A.	2,480,264	MAGNA INTERNATIONAL INC.	2,480,066
		LAINÉ, EMMANUEL	2,479,817	MAHNCKE, LYNN DEAN	2,479,725
		LANDON, ROBERT PHILIP	2,479,912		
		LANG, JOHN C.	2,479,915		

Index of PCT Applications Entering the National Phase

MAINWARING, DAVID	2,480,126	MENZLER, DIRK	2,479,598	NAGAI, MASASHI	2,479,898
MALAGOLI, MARCELLO	2,479,661	MENZOLIT FIBRON GMBH	2,479,814	NAKANO, KOICHI	2,482,406
MALIN, ROBERT E.	2,479,951	MERISKO-LIVERSIDGE, ELAINE	2,479,665	NAKATSURU, YOKO	2,480,335
MAN, HON-WAH	2,479,666	MERISKO-LIVERSIDGE, ELAINE	2,479,737	NARUI, SHIN	2,480,058
MANGAN, BRIAN JOSEPH	2,479,760	MERKEL, CAROLYN	2,481,402	NASH, ANDREW DONALD	2,480,059
MANN, NICHOLAS HAROLD	2,479,897	MERTES, JUERGEN	2,480,036	NATARAJ, SHANKAR	2,482,404
MANZER, LEO E.	2,480,116	METABOLEX, INC.	2,477,348	NATIONAL INSTITUTE FOR MATERIALS SCIENCE	2,479,774
MAPINFO CORPORATION	2,479,838	MICHAELIDES, MICHAEL R.	2,479,363	NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES	2,479,908
MARCONI UK INTELLECTUAL PROPERTY LIMITED	2,479,574	MICHEL, JONATHAN D.	2,480,075	NATIONAL OILWELL NORWAY AS	2,479,917
MAREL HF	2,479,796	MICINSKI, EDWARD	2,481,402	NAULT, GARY	2,480,254
MARILLONNET, SYLVESTRE	2,479,984	MICINSKI, EDWARD	2,481,405	NAVIN, MICHAEL D.	2,479,963
MARIOFF CORPORATION OY	2,479,767	MILLER, PAULA C.	2,480,151	NEIDITCH, DAVID SAUL	2,481,405
MARKWORTH, AARON	2,480,067	MILLS, GAIL	2,479,819	NELSON, MARK L.	2,479,877
MARRATECH AB	2,480,076	MILLS, GAIL	2,479,910	NELSON, MICHAEL BO	2,482,326
MARS, INC.	2,479,555	MINTEL, THOMAS	2,479,945	NEUROGEN CORPORATION	2,479,928
MARS, INC.	2,479,797	MINTZ, AKIVA	2,480,008	NEWELL WINDOW FURNISHINGS, INC.	2,480,068
MARTIN, JAMES BENEDICT	2,479,574	MITCHELL, MICHAEL R.	2,479,925	NGUYEN, CHAU K.	2,479,942
MARTINEZ RUBIO, MARIANO A.	2,480,264	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,479,660	NGUYEN, LEDU Q.	2,479,953
MARYAO, MARCELLINO	2,482,948	MITSUI, TAKASHI	2,479,831	NGUYEN, MY HOANG	2,479,794
MASAKI, SHOUJU	2,479,774	MIYAKAWA, TOKICHI	2,479,908	NICOLA, NICOS A.	2,480,059
MASAMURA, NORIYA	2,478,014	MIYAUCHI, HIDETOSHI	2,480,058	NIELSEN, LARS	2,479,775
MASAMURA, NORIYA	2,478,015	MIZUKAMI, HIROAKI	2,479,996	NIHLAWI, MOHAMMED	2,479,877
MASLOV, BORIS A.	2,482,974	MIZUTANI, YASUSHI	2,479,844	NILSSON, MICHAEL ERLING	2,479,231
MATHER, CHRISTINE	2,480,012	MOCHIDA, SUSUMU	2,480,102	NILSSON, MICHAEL ERLING	2,479,585
MATHES, ANDREAS	2,479,919	MOE, MAGNE	2,479,917	NIPPON FURNAE KOGYO KAISHA, LTD.	2,480,102
MATHEWS, JUDE	2,479,877	MOERMAN, PIET	2,479,801	NIPPON KAYAKU KABUSHIKI KAISHA	2,479,898
MATSUI, MAYUMI	2,479,914	MOHAN, RAJU	2,479,892	NIPPON SHEET GLASS CO., LTD.	2,479,695
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,479,487	MOHRI, TAKA AKI	2,480,102	NIPPON ZOKI PHARMACEUTICAL CO., LTD.	2,479,549
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,479,851	MOLTECH INVENT S.A. MOMENTA PHARMACEUTICALS, INC.	2,479,821	NIPPON ZOKI PHARMACEUTICAL CO., LTD.	2,480,417
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,482,406	MONDEN, YOSHI AKI	2,478,700	NISHIDA, YOSHITAKA	2,480,058
MATTHEW, TWEEDIE	2,479,838	MONSANTO TECHNOLOGY LLC	2,480,335	NISHIMURA, CHIHIRO	2,479,898
MATZEK, KANDACE	2,480,032	MONTGOMERY, GAIL	2,479,587	NISHIMURA, NAOHARU	2,479,549
MAX-PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V.	2,477,932	MOON, GEORGE C.	2,480,268	NISSAN CHEMICAL INDUSTRIES, LTD.	2,480,411
MAXWELL, PATRICK HENRY	2,479,881	MOORE, JEFFREY D.	2,479,838	NMT MEDICAL, INC.	2,480,021
MAY, KAREN	2,479,892	MORIOKA, ISAO	2,479,802	NOFF, MATITIAU	2,482,309
MAYER, LEO W.	2,479,726	MORISHITA, YOSHIHIRO	2,482,623	NOJIMA, SHIGERU	2,479,660
MCAFFEE, PAUL C.	2,482,403	MORIYA, YOSHIFUMI	2,479,281	NOKIA CORPORATION	2,479,989
MCALEXANDER, CHAD S.	2,479,765	MORRIS, DANIEL PATRICK	2,482,406	NOMURA, JUNKO	2,480,401
MCCLUNG, GUY LAMONT, III	2,479,590	MORRIS, DAVID W.	2,479,998	NORBROOK LABORATORIES LIMITED	2,480,065
MCDONALD, KAREN	2,476,734	MORRIS, DAVID W.	2,479,719	NORDLUND, MARK, STEPHEN	2,479,734
MCGEE, DENNIS E.	2,479,845	MORRIS, DAVID W.	2,479,721	NORTON, RAYMOND S.	2,479,481
MCGILL UNIVERSITY	2,477,743	MORRIS, DAVID W.	2,479,727	NOVARTIS AG	2,479,880
MCGILL UNIVERSITY	2,479,500	MORRIS, DAVID W.	2,479,731	NOVARTIS FORSCHUNGSSTIFTUNG, ZWEIGNIEDERLASSUNG FRIEDRICH MIESCHER INSTI TUTE FOR BIOMEDICAL RESEARCH	2,480,050
MCINTYRE, LAURA	2,479,877	MORRISON, SHERIE L.	2,480,034	NOVATEX GMBH	2,480,030
MCKEE, PAUL FRANCIS	2,479,573	MORTENSON, MARK G.	2,480,003	NOWOTARSKI, BRYAN	2,478,388
MCKEE, PAUL FRANCIS	2,479,651	MOSKOVICH, ROBERT	2,479,947	NOZAWA, SHINTARO	2,482,406
MCLEAN, GERARD FRANCIS	2,473,491	MOSS, STEPHEN FREDERICK	2,479,786	NUCH, VOHA	2,479,794
MCMAHON, ELLEN G.	2,479,722	MOSTAGHIMI, JAVAD	2,479,811	NUTRITION 21, INC.	2,480,268
MEADWESTVACO PACKAGING SYSTEMS LLC	2,479,756	MOURI, MOTOYA	2,480,037	OAKEY, JOHN	2,479,886
MEATTO, FRANK	2,479,367	MUELLER, BERND	2,479,766		
MEATTO, FRANK	2,479,592	MUGURUMA, HIROSHI	2,480,058		
MECHICHE, RACHID	2,479,877	MUKHERJEE, UJJAL K.	2,479,287		
MEDVINSKY, ALEXANDER	2,479,227	MULLANEY, MICHAEL W.	2,479,956		
MEGURO, HIROYUKI	2,480,039	MULLER, GEORGE W.	2,479,666		
MEHLBURGER, LUDWIG	2,479,992	MULLER, UWE	2,479,991		
MEISSNER, HELMUT	2,479,919	MULLER, UWE	2,480,004		
MEIXNER, JIRI	2,480,251	MUND, DIETRICH	2,479,823		
MELCHORS, MARTIN	2,479,772	MURAKAMI, JUN	2,479,831		
MELCHORS, MARTIN	2,480,062	MURAKAMI, MASAHIRO	2,480,001		
MELIS, BRUNO	2,480,074	MURAKAMI, MASAHIRO	2,480,002		
MELLO, JOHN PAUL	2,480,083	MURAKAMI, MASAHIRO	2,480,408		
MENG, XIANGSHENG	2,480,152	MURARI, SHOBHA	2,481,690		
		MURDOCH, HEATHER	2,479,576		
		MURRAY, JOY L.	2,482,337		
		MYERS, HEATHER	2,480,012		

Index des demandes PCT entrant en phase nationale

OCCUPATIONAL & MEDICAL INNOVATIONS LTD	2,480,246	PETRONIS, SCOTT	2,479,838	RESEARCH IN MOTION LIMITED	2,479,619
ODINAK, GILAD	2,479,407	PFIZER PRODUCTS INC.	2,479,222	RESEARCH IN MOTION LIMITED	2,479,626
OGURI, HIROKI	2,478,658	PHARMACIA CORPORATION	2,478,473	RHEINHEIMER, JOACHIM	2,479,766
OHMENG, KWASI	2,479,877	PHARMACIA CORPORATION	2,479,722	RI, BYONJIN	2,480,401
OHKI, TOSHIMITSU	2,479,914	PHARMACIA CORPORATION	2,480,151	RILEY, THOMAS ATKINS DENNING	2,480,258
OIWAMOTO, MASAKI	2,480,411	PILPEL, EDWARD	2,479,367	RIMBAUGH, JENNI	2,479,805
OKAMOTO, KAORU	2,479,549	PILPEL, EDWARD	2,479,592	RIMESTAD, TERJE	2,480,028
OLIVER, MICHAEL D.	2,479,503	PINTO, RIKA	2,479,915	RITCHIE, JAMES	2,479,906
OLSEN, JOHN	2,479,220	PIRES, RAUL	2,479,772	ROBERTSON, DUNCAN ALEXANDER	2,480,248
OLSSON, LARS-FRIDE	2,482,405	PITARU, SHAHAR	2,482,309	ROBERTSON, GRAEME MICHAEL	2,479,910
OMNIGLOW CORPORATION	2,479,913	PITMAN, MALCOLM D.	2,480,259	ROCABAYERA BONVILA, XAVIER	2,480,264
OMOTO, SETSUO	2,479,660	PLUNKETT, GUY	2,473,922	ROCHA, RICARDO	2,478,473
ONG, HUNG T.	2,480,117	POSFAL, GYORGY	2,473,922	ROGERS, TOMMIE LOUIS	2,479,784
ORIGEN THERAPEUTICS	2,480,012	POSSELT, DIETMAR	2,479,940	ROMANO, MARIO	2,479,781
ORION CORPORATION	2,480,266	POWELL, KENNETH	2,480,072	ROMERO-MARTIN, MARIA- ROSARIO	2,479,906
ORN, ALEXANDER H.	2,477,921	POZZO, MARK J.	2,480,151	ROTTENGATTER, PETER	2,482,329
ORTON, KEVIN R.	2,479,882	PRAKASH, VISHWESHVARIAH	2,480,250	ROWTON, EDGAR D.	2,463,581
OSRAM SYLVANIA INC.	2,479,860	PREVOST, STUART MARK	2,479,577	RUDDY, STEPHEN	2,479,735
OSTRANDER, KEVIN D.	2,479,737	PRINGLE, WALLACE	2,479,928	RUSCITTO, ALFREDO	2,480,074
OTSUBO, TOSHIFUMI	2,480,029	PROBST, JOACHIM	2,480,062	RUSSELL, PHILIP ST. JOHN	2,479,760
OTTENSMANN, HARTMUT	2,480,062	PROFITT, JAMES A.	2,477,921	RUTTMANN, GERHARD	2,480,062
OTTO JUNKER GMBH	2,479,598	PROTEMIX CORPORATION LIMITED	2,477,969	RYDE, TUULA	2,479,665
OWENS CORNING	2,480,115	PROVIDENCE HEALTH SYSTEM-OREGON	2,480,019	S.A.T. SWISS ARMS TECHNOLOGY AG	2,480,015
OY JUVANTIA PHARMA LTD.	2,480,266	PROVIDENCE HEALTH SYSTEM-OREGON	2,480,023	SABALASKEY, ROBERT J.	2,479,951
OZAWA, KEIYA	2,479,996	PRUITT, JOHN	2,479,665	SACCO, WILLIAM J.	2,479,963
PACIFIC COAST COMPOSITES	2,479,367	PRUNIER, ARTHUR R., JR.	2,480,167	SACHTLER, J. W. ADRIAAN	2,479,957
PACIFIC COAST COMPOSITES	2,479,592	PRUSS, KARL	2,479,735	SAFFRE, FABRICE TRISTAN PIERRE	2,479,789
PAIN, BERTRAND	2,478,125	PUGH, CHRISTOPHER WILLIAM	2,479,881	SAFRONCHIK, OLEG	2,479,915
PALACIN, SERGE	2,479,364	PUGH, JAMES	2,479,790	SAGAWA, HIROAKI	2,479,288
PALMER, PETER	2,480,083	PUIK, ERIC JOHANNES	2,479,884	SAGRES DISCOVERY	2,479,719
PALMER, ROGER C.	2,480,068	PULSE DATA INTERNATIONAL LIMITED	2,479,964	SAGRES DISCOVERY	2,479,721
PALMER, STEPHEN L.	2,479,913	PYLES, ROBERT A.	2,479,793	SAGRES DISCOVERY	2,479,727
PALMER, WILLIAM R.	2,479,913	PYZIK, ALEKSANDER J.	2,480,167	SAGRES DISCOVERY	2,479,731
PANDA PRASANJIT PARATEK	2,479,401	QI, YI-WEI	2,478,700	SAHA, CHANDAN K.	2,480,167
PHARMACEUTICALS, INC.	2,479,877	QU, ZHENGXING	2,478,011	SAIDI, M. YAZID	2,479,790
PAREKH-OLMEDO, HETAL	2,478,479	QU, ZHENGXING	2,478,012	SAIM, SAID	2,479,943
PARK, CHEOL-WON	2,479,893	QUALCOMM INCORPORATED	2,479,411	SAINT-GOBAIN CERAMICS & PLASTICS, INC.	2,479,959
PARK, EUL-YONG	2,479,777	QUIGLEY, PETER A.	2,479,961	SAINT-GOBAIN CERAMICS AND PLASTICS, INC.	2,480,117
PARK, JAE-HYEON	2,479,888	RADE, JOHAN	2,479,401	SAITO, KYOTA	2,480,043
PARK, JAE-HYEON	2,479,893	RAJKOWSKI, JANUSZ W.	2,480,057	SAKAI, MIKIO	2,480,054
PARK, MIA	2,479,805	RANA, SOHAIL P.	2,479,651	SAKAMOTO, TOSHIHIRO	2,482,191
PARK, SANG-JIN	2,479,777	RANA, SOHAIL PARVES	2,479,573	SALLINEN, JUKKA	2,480,266
PARK, SUNG-WOOK	2,479,483	RAO, APPU RAO GOPALA RAO APPU	2,480,250	SAMSUNG ELECTRIC CO., LTD.	2,479,483
PARK, YONG CHEOL	2,480,064	RAPSON, MARK EDWARD	2,479,897	SAMSUNG ELECTRIC CO., LTD.	2,479,851
PARKER, BRIAN MAURICE	2,480,243	RATCLIFFE, PETER JOHN	2,479,881	SANDSTROEM, THEODOR	2,482,405
PARNES, PETER	2,480,076	RATH, HANS PETER	2,479,940	SANDVIK AB	2,479,778
PATEL, UMESH H.	2,479,765	RAVEN, NEIL DAVID HAMMOND	2,479,576	SANTO, TETSUO	2,480,332
PATENT-TREUHAND- GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH	2,479,981	RAVICHANDRAN, RAMANATHAN	2,479,946	SANTOBIANCO, JOHN G.	2,479,942
PATTERSON, JOHN	2,479,581	RECKITT BENCKISER N.V.	2,480,063	SARAN, LAURA	2,479,797
PEARSON, ANDRE	2,479,877	RECOT, INC.	2,479,895	SASAKI, SHIGERU	2,479,281
PEAVEY, TODD A.	2,480,021	RECREATION R & D PTY LTD	2,480,155	SASISEKHARAN, RAM	2,478,700
PELLIZZARI, ROBERTO O.	2,480,083	REDDY, LAXMA	2,479,877	SASOL NORTH AMERICA INC.	2,482,337
PELLIZZARI, ROBERTO O.	2,480,220	REED, WILLIAM H.	2,481,974	SASSO, GIUSEPPE	2,482,405
PENG, LISAN	2,480,034	REILLY, THOMAS J.	2,479,118	SAUER, HERMANN	2,480,105
PENG, XIANG-DONG	2,482,404	REIMELS, BILL	2,479,820	SAWAFTA, REYAD I.	2,479,818
PENICHER, MANUEL L.	2,480,034	RENAULT, THIERRY	2,476,633	SAZKA, A.S.	2,480,251
PENTAFRAGAS, DIMITRIOS	2,479,900	RENAULT, THIERRY	2,476,634	SCARROTT, PETER MYKOLA	2,480,035
PERALA, MARTTI	2,479,989	RENNER, ALEXANDER	2,479,225	SCHAEFER, PETER	2,479,766
PERIYASAMY, MOOKKAN	2,479,550	REPASKY, JOHN MICHAEL	2,482,404	SCHAEFER, BEATRIX	2,477,932
PERRY, WILLIAM	2,480,066	RESEARCH IN MOTION LIMITED	2,479,605		
PERSHIN, VALERIAN	2,479,811				
PETERSON, JOHN	2,479,928				
PETERSON, STAN	2,479,575				
PETIT, NICOLAS J.	2,479,758				
PETRIDIS, ARIS	2,479,577				

Index of PCT Applications Entering the National Phase

SCHAFFER, PETER H.	2,479,666	SIES, HELMUT	2,479,555	SWANSON, STEPHEN	2,479,819
SCHELBERGER, KLAUS	2,479,791	SIKA SCHWEIZ AG	2,480,061	SWANSON, STEPHEN	2,479,910
SCHELL, JOHN R.	2,482,337	SIMMONS, ROBERT J.	2,479,217	SYAGE, JACK A.	2,479,875
SCHERBERICH, ARNAUD	2,480,050	SIMONI, LORENA	2,480,074	SYAGEN TECHNOLOGY	2,479,875
SCHERING		SIRVIOE, JOUNI	2,480,266	SZABO, ANIKO	2,478,022
AKTIENGESELLSCHAFT	2,479,892	SISKIN, MICHAEL	2,479,779	SZURA, DANIEL P.	2,482,337
SCHERING		SIZENSKY, EMMANUELLE	2,479,877	TAKAHASHI, TOSHIYUKI	2,482,191
AKTIENGESELLSCHAFT	2,479,991	SJOGREN, ERIC BRIAN	2,479,644	TAKAHASHI, YOSHIIHISA	2,479,487
SCHERING		SLEAT, ROBERT	2,480,069	TAKARA BIO INC.	2,479,288
AKTIENGESELLSCHAFT	2,480,004	SLOVAK, WILLIAM R.	2,479,895	TAKASHIMA, YOSHIAKI	2,480,054
SCHIEWECK, FRANK	2,479,766	SMITH & NEPHEW, INC.	2,479,848	TAKINO, SHUNSUKE	2,480,029
SCHILLER, SHAWN	2,479,764	SMITH & NEPHEW, INC.	2,479,956	TAN, FENG	2,480,265
SCHINDLER, KONRAD	2,479,652	SMITH, ARNOLD L.	2,479,118	TANABE SEIYAKU CO., LTD.	2,479,831
SCHLEBUSCH, HARALD	2,478,346	SMITH, MAREE THERESE	2,479,098	TANI INDUSTRY CO., LTD.	2,480,406
SCHMELZER, WADE N.	2,479,948	SMITHEY, JEFFREY S.	2,479,802	TANIGUCHI, KOJI	2,480,039
SCHMIDT, FRIEDRICH-GEORG	2,479,941	SNAIDR, JIRI	2,479,990	TATE & LYLE PUBLIC LIMITED	
SCHNEIDER, JOHN	2,479,848	SNECMA SERVICES	2,476,633	COMPANY	2,481,402
SCHNEIDER, JOHN	2,479,956	SNECMA SERVICES	2,476,634	TATE & LYLE PUBLIC LIMITED	
SCHOBER, IRENE	2,480,061	SNECMA SERVICES	2,476,635	COMPANY	2,481,405
SCHOEFL, ULRICH	2,479,766	SOCIETE DES PRODUITS		TATENO, KATSUMI	2,479,500
SCHOEFL, ULRICH	2,479,791	NESTLE S.A.	2,479,817	TAYLOR, PHILIP A.	2,480,013
SCHOFIELD, CHRISTOPHER		SOGHOMONIAN, ZAREH		TELECOM ITALIA S.P.A.	2,479,224
JOSEPH	2,479,881	SALMASI	2,482,974	TELECOM ITALIA S.P.A.	2,480,074
SCHONROCK, KARSTEN	2,480,027	SOLIMAN, SAMIR S.	2,479,411	TEMCO JAPAN CO., LTD.	2,482,209
SCHOTT GLAS	2,479,823	SOLVAY PHARMACEUTICALS		TERUYUKI, TAKIZAWA	2,479,851
SCHRECK, STEFAN	2,480,044	B.V.	2,480,270	TETREULT, ALINE	2,479,860
SCHUELLEIN, GEORGE	2,479,754	SOMANI, SEEMA	2,479,783	THE BABRAHAM INSTITUTE	2,479,907
SCHUSTER, DEBRA K.	2,479,843	SORENSEN, WAYNE L.	2,482,337	THE CURATORS OF THE	
SCHUSTER, MARITA	2,481,697	SPECHT, PETER	2,479,919	UNIVERSITY OF	
SCHWARTZ, THOMAS W.	2,479,923	SPEEG, TREVOR W. V.	2,479,841	MISSOURI	2,479,118
SCHWEOGLER, ANJA	2,479,766	SPEER, ULRICH	2,479,816	THE ENGELHARD	
SCIFERT, JEFFREY L.	2,479,802	SPERONELLO, BARRY K.	2,479,215	CORPORATION	2,479,215
SCIPERIO, INC.	2,480,011	SPHERIX INCORPORATED	2,480,031	THE NEIMAN MARCUS GROUP,	
SDGI HOLDINGS, INC.	2,479,802	SPHIRATION, INC.	2,479,805	INC.	2,479,836
SEAKINS, PAUL JOHN	2,479,964	SPRAGUE, STUART BENNETT	2,480,083	THE PENN STATE RESEARCH	
SEGUER BONAVENTURA,		SPRINKEL, FRANCIS MURPHY	2,480,083	FOUNDATION	2,480,008
JOAN	2,480,264	SPYVEE, MARK	2,479,764	THE PROCTER & GAMBLE	
SELECT JEWELRY, INC.	2,479,798	STADLER, EDMUND	2,480,036	COMPANY	2,479,781
SELETSKY, BORIS M.	2,479,764	STARCHENKOV, IGOR	2,479,906	THE REGENTS OF THE	
SELIKTAR, RONEN	2,479,798	STEAG HAMATECH AG	2,479,816	UNIVERSITY OF	
SEOK, KUN-JUN	2,479,648	STENTIFORD, FREDERICK		CALIFORNIA	2,480,034
SERTA, INC.	2,479,951	WARWICK MICHAEL	2,479,223	THE REGENTS OF THE	
SEYFFERT, KENNETH WAYNE	2,479,590	STEPHENS, DAVID S.	2,479,879	UNIVERSITY OF	
SHAARPOUR, MANO	2,480,267	STEPHENS, LEN	2,479,907	MICHIGAN	2,480,006
SHAMI, PAUL	2,480,033	STEVENS, LUKE A.	2,479,948	THE UNIVERSITY COURT OF	
SHEAHAN, PAUL	2,479,877	STIERL, REINHARD	2,479,766	THE UNIVERSITY OF ST	
SHELL CANADA LIMITED	2,479,884	STIERL, REINHARD	2,479,791	ANDREWS	2,480,248
SHERILL, JAMES LEE	2,479,560	STINGL, THOMAS	2,480,062	THE UNIVERSITY OF	
SHIGERU, KEIJIRO	2,480,256	STITELER, JOHN M.	2,463,581	QUEENSLAND	2,479,098
SHIMIZU, MOTOO	2,480,058	STOWE WOODWARD LLC	2,479,954	THE UNIVERSITY OF UTAH	
SHIMMICK, JOHN K.	2,479,783	STOWE WOODWARD, LLC.	2,480,010	RESEARCH FOUNDATION	2,480,033
SHIMOE, NARIAKI	2,479,876	STRATHMANN, SIEGFRIED	2,479,766	THE WALTER AND ELIZA	
SHIMOE, NARIAKI	2,480,043	STRATHMANN, SIEGFRIED	2,479,791	HALL INSTITUTE OF	
SHIN, JOONG-CHUL	2,479,777	STRUCKMEIER, ARMIN	2,480,030	MEDICAL RESEARCH	2,479,481
SHINKURO, INC.	2,479,404	STRUCKMEIER, HANS	2,480,030	THELEN, KARIN	2,479,990
SHIOZAKI, TETSU	2,480,102	STRYKER SPINE	2,480,067	THERM-O-DISC,	
SHIRAIISHI CENTRAL		SUBRAMANIAN, GOVINDAN	2,479,818	INCORPORATED	2,479,926
LABORATORIES CO., LTD.	2,482,623	SULSER, UELI	2,480,061	THINKSHARP, INC.	2,479,963
SHIRAIISHI KOGYO KAISHA,		SUMITOMO OSAKA CEMENT		THOMELE, ADRIAN	2,480,015
LTD.	2,482,623	CO., LTD.	2,480,256	THOMPSON, MERVYN	2,479,786
SHKOLNIK, NIKOLAY	2,482,336	SUMMUS, INC.	2,479,401	THURKAUF, ANDREW	2,479,928
SHONO, HITOSHI	2,478,014	SUNDARAM, MALIKARJUN	2,478,700	TIMMERS, FRANCIS J.	2,480,006
SHONO, HITOSHI	2,478,015	SUNDERMANN, BERND	2,480,038	TIPP, ALAN	2,481,954
SHORT, KEVIN	2,479,729	SUNDHOLM, GOERAN	2,479,767	TO, ALEX WONG CHI	2,480,009
SHRIVER, ZACHARY	2,478,700	SURX, INC.	2,479,667	TODD, CLIFFORD S.	2,480,167
SIEGER, PETER	2,479,919	SUTER, MARK	2,478,009	TOKESHI, MANABU	2,479,695
SIELING, NOCOLAAS		SUTHERLAND, ALASTAIR	2,479,407	TOLHURST, WILLIAM	2,479,407
LAURISSE	2,479,911	SUTTON, JOHN MARK	2,479,576	TOLKOFF, MARC JOSHUA	2,479,857
SIEMENS		SVERRISSON, RAGNAR	2,479,796	TOPOTARGET UK LIMITED	2,479,906
AKTIENGESELLSCHAFT	2,479,225	SWAMYLINGAPPA, BHAGYA	2,480,250		

Index des demandes PCT entrant en phase nationale

TORAY INDUSTRIES, INC.	2,480,039	VINCENT, JEAN-PIERRE	2,478,122	WIESLANDER, ANDERS	2,482,405
TORMO I BLASCO, JORDI	2,479,766	VINCENT, JOHN B.	2,479,883	WIGGINS, JIMMY D.	2,481,974
TOTH, WILLIAM W.	2,480,115	VISKI, PETER	2,479,877	WILCOCK, GLENN RANDALL	2,479,949
TOULOUSE, JEFFREY E.	2,480,259	VISX, INC.	2,479,783	WILD, MARTHA A.	2,482,333
TOURIGNY, JUSTIN	2,479,877	VIVALIS	2,478,125	WILEY, JAMES EDWIN	2,481,402
TRACE TAG INTERNATIONAL LTD	2,480,069	VOGELS, RONALD	2,477,954	WILEY, JAMES EDWIN	2,481,405
TRANSTECH PHARMA, INC.	2,479,818	VOLLSTEDT, SABINE	2,478,009	WILKINSON, MARK	2,479,819
TROJAN TECHNOLOGIES INC.	2,479,503	VONESH, MICHAEL J.	2,479,776	WILKINSON, MARK	2,479,910
TROUTMAN, MALISA V.	2,479,946	VORA, BIPIN V.	2,479,957	WILKINSON, MARK	2,479,912
TRUDELL MEDICAL INTERNATIONAL	2,480,035	VOSKA, MATTHEW	2,479,954	WILLIAMS, CRAIG MCKENZIE	2,479,098
TRUNK, MICHAEL	2,479,919	VOSKOBOYNIKOV, TIMUR V.	2,479,957	WILSON, RONALD L., II	2,481,954
TRUNK, MICHAEL JOSEF FRIEDRICH	2,479,652	WADA, KOICHI	2,479,914	WINDER, J. BARRY	2,482,337
TSOBANAKIS, PARASKEVAS	2,480,152	WADE, CHARLES EDWARD	2,479,786	WINIG, ALAN	2,446,823
TSUBOI, YASUNORI	2,479,831	WAGENBAUER, ROBERT	2,479,658	WINIG, RICHARD	2,446,823
TSUBURAYA, TAKESHI	2,478,658	WAGNER, KLAUS	2,481,697	WISCONSIN ALUMNI RESEARCH FOUNDATION	2,473,922
TSUGE, NOBUAKI	2,478,014	WAGNER, UWE	2,478,346	WITT, GARY ALAN	2,479,725
TSUGE, NOBUAKI	2,478,015	WALKER, ANDREW JOHN	2,479,819	WITTENBRINK, ROBERT JAY	2,482,339
TUCKER, STEVEN KENNETH	2,479,655	WALKER, ANDREW JOHN	2,479,910	WITTY, DAVID	2,479,786
TUTCO, INC.	2,479,560	WALKER, ANDREW JOHN	2,479,912	WOBLEN, ALOYS	2,476,749
TWOSE, TREVOR MARTIN	2,473,922	WALKER, IKE D.	2,479,560	WONSOWSKI, JASON CHRISTOPHER	2,482,948
TZENG, YIH-LING	2,479,879	WALLAR, HOWARD	2,479,959	WOOD, CLAUDIA	2,479,557
U.S. ARMY MEDICAL RESEARCH AND MATERIEL COMMAND	2,463,581	WALLIN, STEN A.	2,480,167	WOOD, MERVIN GALE	2,479,946
UEDA, HIROSHI	2,479,487	WALLSH, JEREMY M.	2,479,757	WRIGHT, ALLEN B.	2,479,953
ULLRICH, AXEL	2,477,932	WALSH, JOHN G.	2,479,757	WU, HUIQUAN	2,479,873
UNI-CHARM CO., LTD.	2,479,876	WALTER HANKE MECHANISCHE WERKSTAETTEN GMBH & CO., KG	2,479,788	WU, MILES	2,479,792
UNI-CHARM CO., LTD.	2,480,029	WALTERS, AMY	2,479,665	WU, MILES	2,479,795
UNI-CHARM CO., LTD.	2,480,043	WALZ, MICHAEL	2,479,652	WU, MILES	2,479,854
UNITED PARCEL SERVICE OF AMERICA, INC.	2,479,220	WAMPLER, SCOTT D.	2,479,841	WULFF, HEIKE	2,479,481
UNIVERSITE DE NANTES	2,477,762	WANG, HUI	2,479,794	WYETH HOLDINGS CORPORATION	2,479,118
UNIVERSITE DE NICE-SOPHIA- ANTIPOLIS	2,478,122	WANG, HUI	2,479,873	XENOGEN CORPORATION	2,482,326
UNIVERSITY OF DELAWARE	2,478,479	WANG, JIAN	2,479,873	XIE, HUA	2,480,019
UNIVERSITY OF SOUTH FLORIDA	2,482,969	WANG, RUWEI	2,480,332	XIE, HUA	2,480,023
UNIVERSITY OF UTAH RESEARCH FOUNDATION	2,478,022	WANG, SHOOU-I	2,482,404	XU, AIMIN	2,477,969
UNIVERSITY OF WARWICK	2,479,897	WANG, YU	2,477,969	YAGI, MINORU	2,482,087
UNO, HIROSHI	2,482,406	WARCHOL, TADEUSZ	2,479,877	YAMAGUCHI, JUN	2,479,695
UOP LLC	2,479,957	WARREN, WILLIAM L.	2,480,011	YAMAMOTO, KEIICHIROU	2,479,898
VACCARONE, GIANLUCA	2,479,224	WATANABE, HARUO	2,453,194	YAMANOUCHI PHARMACEUTICAL CO. LTD.	2,479,495
VALENCE TECHNOLOGY, INC.	2,479,790	WATANABE, MIKIO	2,480,001	YANAGI, JUICHI	2,480,037
VALLE, STEFANO	2,480,074	WATANABE, MIKIO	2,480,002	YANG, HONG	2,480,006
VALLI, MOHAMMED	2,479,577	WATANABE, SATORU	2,479,660	YANG, HU	2,479,764
VAN DE LAVOIR, MARIE- CECILE	2,480,012	WATERS, MICHAEL	2,479,820	YASUTAKE, TOSHINOBU	2,479,660
VAN DER KLAUW, GUIDO	2,479,728	WATKINS, CLARE J.	2,479,906	YEE, KINGMAN	2,479,783
PETRUS JOHANNES	2,479,728	WATTS, ALEX	2,480,254	YEUNG, JEFFREY E.	2,476,731
VAN DROOGE, DIRK J.	2,480,270	WATTS, PETER JAMES	2,479,718	YEUNG, TERESA T.	2,476,731
VAN KERKWKYK, MARK JACOBUS	2,479,794	WAVECREST LABORATORIES, LLC	2,482,974	YI, SEUNG	2,479,805
VANDEN BERGHE, DIRK ANDRE RICHARD	2,479,659	WAYTE, JEREMY	2,480,126	YIH KAI ENTERPRISE CO., LTD.	2,479,979
VARCO IP, INC.	2,479,590	WEATHERFORD/LAMB, INC.	2,479,960	YIH, PEIHAUR	2,479,794
VARDELLE, MICHEL	2,476,633	WEATHERFORD/LAMB, INC.	2,480,000	YIH, PEIHAUR	2,479,873
VARDELLE, MICHEL	2,476,634	WEHMEYER, RICHARD M.	2,479,809	YIM, HONG-KYUN	2,479,851
VARDELLE, MICHEL	2,476,635	WEHMEYER, RICHARD M.	2,479,878	YLITALO, JARI	2,480,255
VELTEN, ULF	2,480,061	WEI, DANIEL H.	2,479,957	YOKOKAWA, TADAHARU	2,479,774
VENKATARAMAN, GANESH	2,478,700	WEIHRAUCH, GEORG	2,479,799	YONEMURA, MASANAO	2,479,660
VERMA, ATUL K.	2,479,877	WELDON, JAMES	2,476,734	YONENO, NORIYUKI	2,482,406
VERMICON AG	2,479,990	WENDEL, SUSAN	2,476,734	YONEYAMA, MITSURU	2,482,406
VERNON, NICHOLAS M.	2,481,402	WENZEL, MARION	2,479,735	YOON, SUK-KYOON	2,479,888
VERNON, NICHOLAS M.	2,481,405	WERNER, JUSTIN SAUL	2,481,697	YOON, SUK-KYOON	2,479,893
VESTAS WIND SYSTEMS A/S	2,476,751	WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH CENTRE LI MITED	2,481,954	YOON, TAEYOUNG	2,479,928
VICARI, MICHAEL	2,479,967	WEST, CHRISTOPHER	2,479,718	YOSHIDA, HIROHISA	2,479,660
		WEST, JEFFREY A.	2,479,892	YOSHIOKA, TOSHIKI	2,480,102
		WESTFALIASURGE GMBH	2,479,926	YOSHITO, SAJI	2,479,851
		WHARRY, DONALD L.	2,480,027	YU, GANG	2,479,550
		WHITE, JOHN L.	2,482,337	YU, SEON-IL	2,479,648
			2,479,802	YU, SUNG H.	2,479,959
				YUAN, SHENDONG	2,479,892

Index of PCT Applications Entering the National Phase

ZACK, MARC D.	2,478,473
ZAIDANHOJIN BISEIBUTSU	
KAGAKU KENKYUKAI	2,479,898
ZARIF, LEILA	2,480,265
ZASCHKE, BERND	2,481,697
ZENK, MEINHART	2,479,984
ZHANG, LONG BAO	2,478,792
ZHAO, HE	2,479,928
ZHOU, JIANGYING	2,479,401
ZIKELI, STEFAN	2,479,289
ZIMMER	
AKTIENGESELLSCHAFT	2,479,289
ZIMMER, SHANTA	2,479,879
ZINGG, JUERG	2,479,946
ZLOTNICK, GARY W.	2,479,118
ZTEK CORPORATION	2,479,742
ZUBIK, JOSEPH W.	2,479,765
ZUCHELLI, UGO	2,479,994
ZUGHAIER, SUSU	2,479,879

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

ABBOTT LABORATORIES	2,481,862	MESZAROS SOS, ERZSEBET	2,482,559
AKZO NOBEL N.V.	2,481,870	NOVARTIS AG	2,476,257
ALLEGIANCE CORPORATION	2,482,198	PERSSON, MICHAEL	2,481,870
BARTELT, RONALD LEE	2,481,880	REITER, THOMAS C.	2,481,830
BAYER CORPORATION	2,481,830	REITER, THOMAS C.	2,481,833
BAYER CORPORATION	2,481,833	REITER, THOMAS C.	2,481,836
BAYER CORPORATION	2,481,836	REVELLE, DAVID J.	2,481,830
BEATY, TERRY ALLEN	2,481,622	REVELLE, DAVID J.	2,481,833
BETTIS, CHARLES D.	2,481,564	REVELLE, DAVID J.	2,481,836
BIOGAL GYOGYSZERGYAR RT.	2,482,559	ROCHE DIAGNOSTICS	
BLACK & DECKER INC.	2,477,750	CORPORATION	2,481,622
BLOCK, THOMAS J.	2,482,198	SCALLEN, TERENCE J.	2,481,077
BRADLEY INDUSTRIAL		SCHAEFER, MARK DONALD	2,481,880
TEXTILES, INC.	2,481,709	SCHERING CORPORATION	2,481,868
BRADLEY, ANTHONY S.	2,481,709	SEDRANI, RICHARD	2,476,257
BRAUN, MICHAEL PAUL	2,481,880	SHAIN, ERIC B.	2,481,862
BREHAUT, JEFFREY D.	2,481,830	SIKKAR, REIN	2,481,870
BREHAUT, JEFFREY D.	2,481,833	SINGER, CLAUDE	2,482,559
BREHAUT, JEFFREY D.	2,481,836	SLATER, DANIEL A.	2,481,830
BRIGGS & STRATTON		SLATER, DANIEL A.	2,481,833
CORPORATION	2,481,880	SLATER, DANIEL A.	2,481,836
BROOKS, STANLEY J.	2,481,564	SQUARE D. COMPANY	2,481,564
BURKE, DAVID W.	2,481,622	SVETNIK, VLADIMIR	2,481,622
COTTENS, SYLVAIN	2,476,257	SZABO, CSABA	2,482,559
DART, MARK D.	2,481,625	TOKARZ, MAREK TADEUSZ	2,481,870
DICKENS, JAMES W.	2,481,564	TORRES, LUIS R.	2,481,830
DRIZOS, GEORGE M.	2,477,750	TORRES, LUIS R.	2,481,833
DVORAK, ROBERT F.	2,481,564	TORRES, LUIS R.	2,481,836
ELSTROM, TUAN A.	2,481,862	TURNER, DUANE L.	2,481,564
ERGER, ROBERT J.	2,481,564	VO, PATRICK	2,481,830
FARRINGTON, RICHARD I.	2,477,750	VO, PATRICK	2,481,836
FIXEMER, JAMES V.	2,481,564	WIATROWSKI, DARRELL	
FLEGE, DENNIS W.	2,481,564	ALBERT	2,481,880
GOSGRÖVE, DELOS M., III	2,482,198	WIESE, GREGORY S.	2,481,564
GRAY, JOEL DONALD	2,482,198	WILLIAMS, DONALD B.	2,482,198
GYURICZA, LORANT	2,482,559	WONG, KON B.	2,481,564
HAUN, ANDY A.	2,481,564	YANG, TSONG-TOH	2,481,868
HENNING, TIMOTHY P.	2,481,862		
HIRSCH, NICHOLAS ROBERT	2,481,880		
HOOVER, LINN	2,481,830		
HOOVER, LINN	2,481,833		
HOOVER, LINN	2,481,836		
HOTZ, PETER	2,481,880		
HUBBARD, BRIAN	2,481,880		
INTERDIGITAL TECHNOLOGY			
CORPORATION	2,476,714		
KHALIL, GAMAL	2,481,862		
KNIGHT, GALEN D.	2,481,077		
KOPISH, ANDREW J.	2,481,625		
KRUEGER INTERNATIONAL,			
INC.	2,481,625		
KUCHARSKI, THOMAS	2,481,830		
KUCHARSKI, THOMAS	2,481,833		
KUCHARSKI, THOMAS	2,481,836		
KUHN, LANCE SCOTT	2,481,622		
KURTZ, SCOTT DAVID	2,476,714		
LARSON, BRETT E.	2,481,564		
MANN, PAUL L.	2,481,077		
MCQUEEN, PHILIP JEFFREY	2,475,976		