

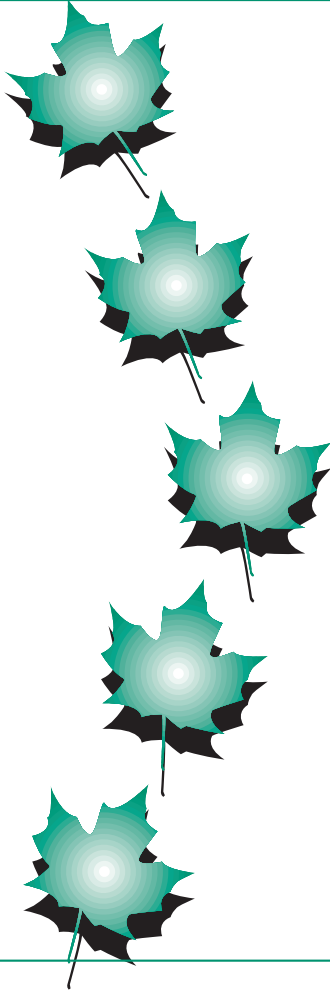


**Canadian
Intellectual Property
Office**

An Agency of
Industry Canada

**Office de la propriété
intellectuelle
du Canada**

Un organisme
d'Industrie Canada



**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

Vol. 131, No. 36 September 9, 2003

Vol. 131, N° 36 le 9 septembre 2003

Canada



THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Hull, 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-Hull, 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	7
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public	33
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale.....	57
Canadian Divisional and Previously Unavailable Laid-Open applications	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant.....	95
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés	97
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public.....	103
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale	107
Index of Canadian Divisional and Previously Unavailable Laid-Open applications	
Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant.....	115

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

Avis

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

Dates

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

Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
- [41] - Date de mise à la disposition publique
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

Avis

2. Country Code

A complete list of country codes has been published in the issue of April 29, 2003 and will be published twice a year in the last issues of April and October.

3. Canadian Class Titles

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

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

4. Class Schedules and Definitions

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

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

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

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

2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 29 avril 2003 et sera republiée deux fois par année dans le dernier numéro des mois d'avril et d'octobre.

3. Liste des classes canadiennes

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

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

4. Listes et définitions des classes

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

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

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

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

Notices

6. Orders for Patents by Class or Sub-Class

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

7. Advice on Making a Patent Application

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

8. Licensing of Patents

Voluntary Licences

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

Compulsory Licences

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

9. Patents Available for Licence or Sale

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

6. Commande de brevets par classe ou sous-classe

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

7. Conseils relatifs à la préparation de demandes de brevets

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

8. Octroi de licences en vertu des brevets

Licences librement accordées

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

Licences obligatoires

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

9. Brevets disponibles pour licence ou vente

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

Avis

10. List of Patents Available for Licence or Sale

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

2,228,569

2,359,091

11. Laid-Open Applications

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

12. Language of Published Documents

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

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

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

2,228,569

2,359,091

11. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées au Bureau des brevets depuis le 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.

12. Langue du document publié

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

Notices

13. Patent Cooperation Treaty (PCT)

SCHEDULE OF FEES APPLICABLE AS OF JUNE 1, 2003

1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee:	730.00
Amount for each additional sheet over 30	17.00
3. Designation Fee: (Rule 15.2(a))	157.00
The maximum that can be charged for the Designation Fee is \$785.00; therefore, if more than 5 countries are designated the fee remains \$785.00	

4. **International Search Fee** 1,552.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

Preliminary Examination

6. Handling Fee: (Rule 57.2(a))	159 Euro Dollars
7. Preliminary Examination Fee: (Rule 58)	1,530 Euro Dollars

The Preliminary Examination Fees are payable in Euro Dollars and should be paid directly to the European Patent Office in Munich. Please note that the European Patent Office will NOT consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

* International fees will be reduced by \$224.00 for all applications filed using PCT-Easy.

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

BARÈME DE TAXES À PARTIR DU 1 JUIN 2003

1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base:	730,00
Montant pour chaque feuille au delà de 30	17,00
3. Taxe de désignation (Règle 15.2(a))	157,00
Le maximum payable pour la taxe de désignation est de 785,00 \$; donc, si plus que 5 pays sont désignés, la taxe demeure 785,00 \$.	

4. **Taxe de recherche internationale** 1 552,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Générale du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à le 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))	159 dollars euro
7. Taxe d'examen préliminaire: (Règle 58)	1 530 dollars euro

Les taxes d'examen préliminaire sont payables en Euros et doivent être payées à l'Office européen des brevets à Munich. Veuillez noter que l'Office européen des brevets NE considérera PAS les honoraires comme étant reçus jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par télécopieur de la traite bancaire au 011-4889-2399-4465.

*Les frais seront réduits par 224,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

14. PCT notices

PCT Signature Requirements

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

Patent Cooperation Treaty (PCT)

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

New Member States

On 06 September 2003, Egypt (country code: EG) will become the 121st contracting State of the PCT at both the Chapter I and II levels.

On 30 October 2003, Botswana (country code: BW) will become the 122nd contracting State of the PCT at both the Chapter I and II levels.

Also, since Botswana is a member state of the Harare Protocol within the framework of the African Regional Industrial Property Organization (ARIPO), Botswana will be able to be designated for a patent granted by ARIPO. Any designation in an international application for an ARIPO patent will, as from 30 October 2003, automatically include the designation of Botswana for that purpose.

14. Avis PCT

Exigences des signatures du PCT

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

Traité de Coopération en matière de brevets (PCT)

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

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

Nouveaux États Membre

Le 06 septembre 2003, Égypte (code du pays: EG) deviendra le 121ième pays membre des États contractants du PCT au niveau des Chapitres I et II.

Le 30 octobre 2003, Botswana (code du pays: BW) deviendra le 122ième pays membre des États contractants du PCT au niveau des Chapitres I et II.

De plus, le Botswana étant partie au Protocole de Harare dans le cadre de l'Organisation régionale africaine de la propriété industrielle (ARIPO), il pourra être désigné en vue de l'obtention d'un brevet délivré par l'ARIPO. Toute désignation faite dans une demande internationale en vue de l'obtention d'un brevet de l'ARIPO emportera automatiquement, dès le 30 octobre 2003, la désignation de Botswana à cet effet.

15. Notice for CPOR

Administrative Status Information Now Available on the Canadian Patents Database

The Canadian Patents Database (CPD) now includes information on administrative status. Administrative status information allows users to consult various fields containing details on statuses and dates associated with the processing of patent applications. For more information, visit the CPD on CIPO's Web site at: www.cipo.gc.ca

16. Patent Office practice regarding multiple examiner's requisitions

The Patent Office takes the position that a single Examiner's Report may contain more than one separate requisition and that failure to reply in good faith to any one of the requisitions will result in the application being deemed to be abandoned pursuant to paragraph 73(1)(a) of the Patent Act. For example, an Examiner's Report may contain a requisition under subsection 30(2) of the Patent Rules concerning defects in the application and, in addition, contain one or more separate requisitions under:

- section 29 of the Patent Rules (regarding information or documents in respect of applications for a patent filed in or for any country describing the same invention in the application being examined),
- section 89 of the Patent Rules (regarding the filing of a certified copy of the previously regularly filed application and a certification of the actual date of its filing) or
- section 104.1 of the Patent Rules (regarding the inclusion of the date of the original deposit of biological material with an international depositary authority in the description of the application).

In the case of an Examiner's report containing such multiple requisitions, in order to avoid abandonment pursuant to paragraph 73(1)(a) of the Patent Act, the response to the Report must include a reply in good faith to each requisition. Responses that are completely silent in respect of any of the requisitions in the Report will not be considered as replying in good faith to that particular requisition and the application will be deemed to be abandoned. Details of this Patent Office Practice are found in sections 19.07.02 and 19.07.03 of the new chapter of 19 of the Manual of Patent Office Practice (M.O.P.O.P.).

15. Avis au CPOR

Les renseignements relatifs aux états administratifs sont maintenant accessibles dans la Base de données sur les brevets canadiens

La Base de données sur les brevets canadiens (BDBC) contient maintenant des renseignements relatifs aux états administratifs. Les renseignements sur les « états administratifs » permettent aux utilisateurs de consulter un certain nombre de champs, où figurent des données sur les états et les dates associées au traitement d'une demande de brevet. Pour obtenir plus de renseignements, consultez la BDBC sur le site Web de l'OPIC à: www.opic.gc.ca

16. Pratique du Bureau des brevets au sujet des demandes multiples d'un examinateur

Le Bureau des brevets estime qu'un seul rapport d'examineur peut comporter plus d'une demande distincte et que si le demandeur omet de répondre de bonne foi à toute demande de l'examineur, la demande de brevet sera considérée comme abandonnée conformément à l'alinéa 73(1)a) de la Loi sur les brevets. Par exemple, selon le paragraphe 30(2) des Règles sur les brevets, un rapport d'examineur peut contenir une demande concernant des irrégularités observées dans la demande de brevet et, en plus, comporter une ou plusieurs demandes distinctes aux dispositions suivantes :

- l'article 29 des Règles sur les brevets (concernant les renseignements ou les documents relatifs à des demandes de brevet déposées dans tout pays ou pour tout pays qui décrivent la même invention dans la demande examinée);
- l'article 89 des Règles sur les brevets (concernant le dépôt d'une copie certifiée conforme de la demande de brevet antérieurement déposée de façon régulière ainsi que du certificat indiquant la date de dépôt effectif);
- l'article 104.1 des Règles sur les brevets (concernant l'insertion dans le mémoire descriptif de la date du dépôt initial d'un échantillon de matières biologiques auprès de l'autorité de dépôt internationale).

Lorsqu'un rapport d'examineur comporte des demandes multiples, le demandeur doit répondre de bonne foi à chaque demande afin d'éviter l'abandon de la demande de brevet prévue à l'alinéa 73(1)a) de la Loi sur les brevets. La réponse d'un demandeur qui omet de donner suite à toute demande du rapport ne sera pas considérée comme une réponse de bonne foi à cette demande précise, et la demande de brevet sera considérée comme abandonnée. Les détails de cette pratique du Bureau des brevets sont élaborés aux sections 19.07.02 et 19.07.03 du nouveau chapitre 19 du Recueil des pratiques du Bureau des brevets (R.P.B.B.).

Avis

17.Canadian Laid-Open Applications

The Patent Office Record of September 9, 2003 contains laid-open applications from August 17, 2003 - August 23, 2003.

17.Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 17 août 2003 - 23 août 2003

Canadian Patents Issued

September 9, 2003

Brevets canadiens délivrés

9 septembre 2003

[11] 2,031,480
[13] C

[51] Int.Cl. 5C07D 213/80 5C07D 237/08
5C07D 333/24 5A61K 31/33 5C07D 307/54
5C07D 213/55

[25] EN
[54] ACETYLENES DISUBSTITUTED
WITH A HETEROAROMATIC GROUP
AND A SUBSTITUTED PHENYL GROUP
HAVING RETINOID LIKE ACTIVITY
[54] ACETYLENES DISUBSTITUES
AVEC UN GROUPEMENT
HETEROAROMATIQUE ET UN
GROUPEMENT PHENYLE SUBSTITUE
PRESENTANT UNE ACTIVITE
RETINOIDIENNE

[72] CHANDRARATNA, ROSHANTHA A.
S., US
[73] ALLERGAN, INC., US
[73] CHANDRARATNA, ROSHANTHA A.
S., US
[22] 1990-12-04
[30] US (07/458,963) 1989-12-29

[11] 2,033,578
[13] C

[51] Int.Cl. 5C09K 5/02

[25] EN
[54] DRY POWDER MIXES
COMBINING PHASE CHANGE
MATERIALS

[54] MELANGES DE POUDRES
COMBINANT DES MATIERES A
TRANSITION DE PHASE

[72] SALYER, IVAL O., US
[73] UNIVERSITY OF DAYTON, US
[22] 1991-01-03
[30] US (462,365) 1990-01-09

[11] 2,036,770
[13] C

[51] Int.Cl. 5C07C 281/16 5C07C 279/00
6A61K 38/05 6C07K 5/062 5C07C 271/08
5A61K 31/195 5A61K 31/215 5C07C 271/
60

[25] EN
[54] INHIBITORS OF NITRIC OXIDE
BIOSYNTHESIS

[54] INHIBITEURS DE LA
BIOSYNTHESE DE L'OXYDE
NITRIQUE

[72] WHITTEN, JEFFREY P., US
[72] MCDONALD, IAN A., US
[72] LAMBERT, LAURIE E., US
[72] DOHERTY, NIAL S., US
[73] AVENTIS PHARMA INC., CA
[22] 1991-02-20
[30] US (485,109) 1990-02-26
[30] US (585,349) 1990-09-19

[11] 2,037,114
[13] C

[51] Int.Cl. 5C07D 333/20 5C07D 409/06
5A61K 31/135 5C07C 211/26 5A61K 31/33
5C07D 307/52

[25] EN
[54] N-CYCLOALKYLALKYLAMINES,
THEIR PROCESS OF PREPARATION,
THEIR USE AS MEDICATION AND
THEIR SYNTHETIC INTERMEDIATES

[54] N-CYCLOALKYLALKYLAMINES,
LEUR PROCEDE DE PREPARATION,
LEUR UTILISATION COMME
MEDICAMENT ET LEURS
INTERMEDIAIRES DE SYNTHESE

[72] AUBARD, GILBERT, FR
[72] CALVET, ALAIN, FR
[72] DEFAUX, JEAN-PIERRE, FR
[72] GOURET, CLAUDE-JEAN, FR
[72] GROUHEL, AGNES, FR
[72] HUDSPETH, JAMES, US
[72] JACOBELLI, HENRI, FR
[72] JUNIEN, JEAN-LOUIS, FR
[72] PASCAUD, XAVIER, FR
[72] ROMAN, FRANCOIS, FR
[72] YUAN, LIN, US
[73] PARKE-DAVIS, FR
[22] 1991-02-25
[30] FR (90 02494) 1990-02-28
[30] US (07/484,403) 1990-02-26

[11] 2,044,174
[13] C

[51] Int.Cl. 5C12H 1/04

[25] EN
[54] BEER PROCESSING AND
COMPOSITION

[54] TRAITEMENT DE LA BIERE ET
COMPOSITION

[72] BERG, KENNETH A., US
[72] WITT, REINHARD H., US
[72] DEROLF, M. ROBERT, US
[73] PQ HOLDING, INC., US
[85] 1991-06-11
[86] 1990-10-11 (PCT/US1990/005858)
[87] (WO1991/005485)
[30] US (420,502) 1989-10-12

[11] 2,044,698
[13] C

[51] Int.Cl. 5C08L 1/00 5C08L 101/00
5D21H 17/20 5D21H 17/24 5D21H 17/33

[25] EN
[54] CHARGED ORGANIC POLYMER
MICROBEADS IN PAPER MAKING
PROCESS

[54] MICROBILLES DE POLYMERE
ORGANIQUE CHARGEES UTILISEES
DANS LA FABRICATION DU PAPIER

[72] HONIG, DAN S., US
[72] HARRIS, ELIETH W., US
[73] CIBA SPECIALTY CHEMICALS
CORPORATION, US
[22] 1991-06-14
[30] US (07/540,667) 1990-06-18

Canadian Patents Issued
September 9, 2003

[11] 2,055,607
[13] C

[51] Int.Cl. 5B22D 11/00 5E04C 3/06
[25] EN
[54] AS-CONTINUOUSLY CAST BEAM
BLANK AND METHOD FOR CASTING
CONTINUOUSLY CAST BEAM BLANK
[54] DECOUPES DE POUTRE COULEE
EN CONTINU ET METHODE DE
COULEE EN CONTINU DE DECOUPES
DE POUTRE
[72] FORWARD, GORDON E., US
[72] ROSTIK, LIBOR F., US
[72] SCHMELZLE, LLOYD M., US
[73] CHAPARRAL STEEL COMPANY, US
[85] 1991-11-28
[86] 1991-03-28 (PCT/US1991/002191)
[87] (WO1991/016158)
[30] US (511,653) 1990-04-20

[11] 2,057,291
[13] C

[51] Int.Cl. 6A61K 38/23
[25] EN
[54] A STABLE PHARMACEUTICAL
COMPOSITION OF HUMAN
CALCITONIN
[54] COMPOSITIONS
PHARMACEUTIQUES DE
CALCITONINE HUMAINE STABLE
[72] ARVINTE, TUDOR, GB
[72] RYMAN, KATHERINE D., GB
[73] NOVARTIS AG, CH
[22] 1991-12-09
[30] GB (9026882.2) 1990-12-11
[30] GB (9119048.8) 1991-09-06

[11] 2,057,956
[13] C

[51] Int.Cl. 5B08B 3/10
[25] EN
[54] METHOD AND APPARATUS FOR
CLEANING A MIXER
[54] METHODE ET APPAREIL
SERVANT A NETTOYER UN
MELANGEUR
[72] SCHMITKONS, JAMES W., US
[72] PRICE, RICHARD P., US
[73] NORDSON CORPORATION, US
[22] 1991-12-18
[30] US (640,043) 1991-01-11

[11] 2,058,821
[13] C

[51] Int.Cl. 5A42B 3/04
[25] EN
[54] FIREFIGHTER'S HELMET
HAVING TILT ADJUSTMENT
[54] CASQUE DE POMPIER MUNI D'UN
DISPOSITIF DE COMPENSATION DE
L'INCLINAISON
[72] LANE, ABBOTT A., US
[72] HETZEL, JOHN M., JR., US
[73] LION APPAREL, INC., US
[22] 1992-01-06
[30] US (656,843) 1991-02-19

[11] 2,059,081
[13] C

[51] Int.Cl. 5H01F 17/04
[25] FR
[54] PROCEDE DE REALISATION D'UN
INDUCTEUR ELECTROMAGNETIQUE
STATIQUE
[54] STATIC ELCTROMAGNETIC
INDUCTOR MAKING PROCESS
[72] NOVE, MARIE-CLAUDE, FR
[72] KOUYOUUMDJIAN, MICHEL, FR
[73] ROTELEC, FR
[22] 1992-01-10
[30] FR (91 00 297) 1991-01-11

[11] 2,059,383
[13] C

[51] Int.Cl. 5F25B 21/00
[25] EN
[54] STATIC MAGNETIC
REFRIGERATOR
[54] REFRIGERATEUR MAGNETIQUE
STATIQUE
[72] SAJI, YOSHIRO, JP
[72] TODA, HIROAKI, JP
[72] TAKAGI, TETSUO, JP
[72] SUGIOKA, TAKAO, JP
[72] INOUE, MASARU, JP
[72] OTANI, KOHEI, JP
[72] SATO, MANABU, JP
[73] KOATSU GAS KOGYO CO., LTD., JP
[22] 1992-01-15
[30] JP (3-22894) 1991-01-22

[11] 2,061,229
[13] C

[51] Int.Cl. 5A61F 5/445
[25] EN
[54] OSTOMY APPLIANCE
[54] APPAREIL POUR STOMIE
[72] TAKAHASHI, TETSUYA, JP
[73] ALCARE CO., LTD., JP
[22] 1992-02-14
[30] JP (3-12846) 1991-02-15

[11] 2,062,105
[13] C

[51] Int.Cl. 5A61K 39/35
[25] EN
[54] PURIFIED MITE ALLERGEN
[54] EXTRAITS ALLERGENES
D'ACARIENS PURIFIES
[72] OKA, SATORU, JP
[72] ONO, KAZUHISA, JP
[72] SHIGETA, SEIKO, JP
[72] WADA, TAKESHI, JP
[73] FUMAKILLA LIMITED, JP
[73] HIROSHIMA UNIVERSITY, JP
[22] 1992-02-28
[30] JP (104950/1991) 1991-03-09

[11] 2,066,843
[13] C

[51] Int.Cl. 5A61N 1/39
[25] EN
[54] NON-COMMITTED
DEFIBRILLATION/CARDIOVERSION
SYSTEM
[54] SYSTEME DE DEFIBRILLATION
ET DE CARDIOVERSION AVEC
PERIODE D'INACTIVITE
[72] VAN HOFWEGEN, LLOYD, US
[72] HSUNG, JEAN-CHEUI, US
[72] HUNTWORK, DANIEL, US
[73] CARDIAC PACEMAKERS, INC., US
[22] 1992-04-22

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,071,619**
[13] C

[51] **Int.Cl. 5H04L 12/52 5H04Q 11/04 5H04M 11/06**
[25] EN
[54] **DIGITAL COMMUNICATION SYSTEM WITH PROGRAMMING INFORMATION BY WAY OF THE B CHANNEL**
[54] **SYSTEME DE COMMUNICATION NUMERIQUE A TRANSMISSION D'INFORMATIONS DE PROGRAMMATION SUR LE CANAL B**
[72] HESDAHL, PIET B., NL
[72] KLIK, CORNELIS M., NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[22] 1992-06-18
[30] EP (91201592.2) 1991-06-21

[11] **2,078,814**
[13] C

[51] **Int.Cl. 5C07D 401/12 5C07D 409/12 5C07D 417/12 5A61K 31/44**
[25] EN
[54] **SUBSTITUTED PYRIDINYLAMINO-1H-INDOLES, 1H-INDAZOLES, 2H-INDAZOLES, BENZO[B]THIOPHENES AND 1,2-BENZISOTHIAZOLES, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**
[54] **DERIVES DE SUBSTITUTION DE PYRIDINYLAMINO-1H-INDOLES, 1H-INDAZOLES, 2H-INDAZOLES, BENZO[B]THIOPHENES ET 1,2-BENZISOTHIAZOLES; METHODE DE PREPARATION ET UTILISATION COMME MEDICAMENTS**
[72] EFFLAND, RICHARD C., US
[72] KLEIN, JOSEPH T., US
[72] MARTIN, LAWRENCE L., US
[73] AVENTIS PHARMACEUTICALS INC., US
[22] 1992-09-22
[30] US (764,031) 1991-09-23

[11] **2,079,413**
[13] C

[51] **Int.Cl. 5C07H 19/09 5C07H 23/00 5A61K 31/70**
[25] EN
[54] **PYRIMIDINE NUCLEOSIDE DERIVATIVES HAVING ANTI-TUMOR ACTIVITY, THEIR PREPARATION AND USE**
[54] **DERIVES DE NUCLEOSIDE PYRIMIDIQUE AYANT UNE ACTION ANTI-TUMORALE, LEUR PREPARATION ET LEUR UTILISATION**
[72] KANEKO, MASAKATSU, JP
[72] HOTODA, HITOSHI, JP
[72] SHIBATA, TOMOYUKI, JP
[72] KOBAYASHI, TOMOWO, JP
[72] MITSUHASHI, YOSHIHIRO, JP
[72] MATSUDA, AKIRA, JP
[72] SASAKI, TAKUMA, JP
[73] SANKYO COMPANY, LIMITED, JP
[22] 1992-09-29
[30] JP (3-252015) 1991-09-30

[11] **2,080,082**
[13] C

[51] **Int.Cl. 5F16B 13/00**
[25] EN
[54] **SELF-PLUGGING BLIND RIVET**
[54] **RIVET PLEIN A AUTO-ASSEMBLAGE**
[72] DENHAM, KEITH, GB
[73] BROWNE, LAURENCE ANTHONY, GB
[73] AVDEL SYSTEMS LIMITED, GB
[22] 1992-10-07
[30] GB (9121387.6) 1991-10-09

[11] **2,082,141**
[13] C

[51] **Int.Cl. 5B25B 27/08**
[25] EN
[54] **COTTER PIN SPREADER WITH SAFETY LOCK FEATURE**
[54] **ECARTE-GOUPILLE AVEC VERROUILLAGE DE SECURITE**
[72] NADHERNY, RUDOLPH E., US
[73] IRECO, INC., US
[22] 1992-11-04
[30] US (788,484) 1991-11-06

[11] **2,082,977**
[13] C

[51] **Int.Cl. 5B29C 45/14 5B29C 45/18 5B29C 45/48**
[25] EN
[54] **INJECTION MOLDING MACHINE**
[54] **MACHINE A MOULER PAR INJECTION**
[72] HEHL, KARL, DE
[73] HEHL, KARL, DE
[22] 1992-11-16
[30] DE (P 41 42 927.3) 1991-12-24

[11] **2,083,082**
[13] C

[51] **Int.Cl. 5B22D 17/08 5B22D 17/12 5B22D 17/32**
[25] EN
[54] **COLD CHAMBER DIE CASTING MACHINE INJECTION SYSTEM**
[54] **SYSTEME D'INJECTION POUR MACHINE DE COULEE SOUS PRESSION, A CHAMBRE FROIDE**
[72] PERRELLA, GUIDO, CA
[72] BIGLER, NICOLAS, CA
[73] UNICAST TECHNOLOGIES INC., CA
[22] 1992-11-17

[11] **2,083,313**
[13] C

[51] **Int.Cl. 5C09B 33/02 5C09B 53/00 5C09B 23/14 5C09B 29/14 5G01N 33/84**
[25] EN
[54] **COLORIMETRIC METHODS AND REAGENTS FOR THE ASSAY OF CALCIUM IN A TEST SAMPLE**
[54] **METHODES COLORIMETRIQUES ET REACTIFS PERMETTANT DE DETERMINER LA TENEUR EN CALCIUM D'UN ECHANTILLON**
[72] CHAPOTEAU, EDDY, US
[72] CZECH, BRONISLAW P., US
[72] ZAZULAK, WOLODYMYR I., US
[73] BAYER CORPORATION, US
[22] 1992-11-19
[30] US (842,860) 1992-02-27

[11] **2,084,214**
[13] C

[51] **Int.Cl. 5A61M 15/00**
[25] EN
[54] **AN INHALER**
[54] **INHALEUR**
[72] ZECHNER, KURT, CH
[73] NOVARTIS AG, CH
[22] 1992-12-01
[30] DE (P 41 39 806.8) 1991-12-03

Canadian Patents Issued
September 9, 2003

[11] **2,085,230**
[13] C
[51] **Int.Cl. 5A61K 31/195 5A61K 31/40**
[25] EN
[54] **PROCESS FOR ACTIVATING REPRODUCTION OF SEASONAL BREEDING ANIMALS BY ADMINISTERING L-DIHYDROXYPHENYLALANINE (L-DOPA)**
[54] **PROCEDE POUR ACTIVER LA REPRODUCTION D'ANIMAUX A REPRODUCTION SAISONNIERE PAR L'ADMINISTRATION DE L-DIHYDROXYPHENYLALANINE (L-DOPA)**
[72] MEIER, ALBERT H., US
[72] WILSON, JOHN M., US
[73] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE (THE), US
[85] 1992-12-11
[86] 1991-06-11 (PCT/US1991/004115)
[87] (WO1991/019492)
[30] US (538,538) 1990-06-13

[11] **2,085,838**
[13] C
[51] **Int.Cl. 5B65D 81/32 5B65D 47/36 5B65D 17/40**
[25] EN
[54] **PACKAGING FOR FOOD PRODUCTS**
[54] **EMBALLAGE POUR PRODUITS ALIMENTAIRES**
[72] WEAVER, EDMUND ALOYSIOUS JR., US
[73] KRAFT FOODS, INC., US
[22] 1992-12-18
[30] US (815,112) 1991-12-27

[11] **2,086,329**
[13] C
[51] **Int.Cl. 5B23D 47/02 5B23Q 5/58**
[25] EN
[54] **ANTI-KICK FORWARD DEVICE FOR RADIAL ARM SAWS**
[54] **DISPOSITIF ANTIRECUL POUR SCIE RADIALE**
[72] MAYFIELD, ALFRED B., US
[72] JOHNSON, CHARLES, US
[72] KANSTEINER, BEAU, US
[73] ONE WORLD TECHNOLOGIES LIMITED, BM
[85] 1992-12-24
[86] 1991-06-26 (PCT/US1991/004557)
[87] (WO1992/000159)
[30] US (545,279) 1990-06-28

[11] **2,087,298**
[13] C
[51] **Int.Cl. 5C07J 31/00 5A61K 31/575**
[25] EN
[54] **BILE ACID SULFURATED DERIVATIVES**
[54] **DERIVES SULFURES D'UN ACIDE BILIAIRE**
[72] GIULIANI, GIANGERMANO, IT
[72] FRIGERIO, GIULIANO, IT
[72] PELLICCIARI, ROBERTO, IT
[73] GIULIANI S.P.A., IT
[22] 1993-01-14
[30] IT (MI 92 A 000082) 1992-01-17

[11] **2,089,524**
[13] C
[51] **Int.Cl. 5G01S 15/42 5G08G 1/123 5G01S 13/91**
[25] EN
[54] **TWO-FREQUENCY TRANSMITTING APPARATUS WITH TONE-MODULATION PHASING FOR AN INSTRUMENT LANDING SYSTEM**
[54] **APPAREIL D'EMISSION UTILISANT DEUX FREQUENCES A DEPHASAGE D'UNE TONALITE POUR SYSTEME D'ATTERRISSAGE AUX INSTRUMENTS**
[72] GREVING, GERHARD, DE
[72] POSCHADEL, WERNER, DE
[73] ALCATEL SEL AKTIENGESELLSCHAFT, DE
[22] 1993-02-15
[30] DE (P 42 06 327.2) 1992-02-29

[11] **2,089,870**
[13] C
[51] **Int.Cl. 5G01N 33/577 5G01N 33/564**
[25] EN
[54] **IMMUNOLOGICAL TEST FOR THE PRESENCE OF ANTIBODIES IN BIOLOGICAL FLUIDS, AND A KIT FOR CARRYING OUT THE TEST**
[54] **IMMUNO-ESSAI POUR LA DETECTION D'ANTICORPS DANS DES FLUIDES BIOLOGIQUES ET TROUSSE POUR L'ADMINISTRATION DE L'ESSAI**
[72] BERGMANN, ANDREAS, DE
[73] B.R.A.H.M.S. AKTIENGESELLSCHAFT, DE
[85] 1993-02-18
[86] 1992-06-15 (PCT/EP1992/001348)
[87] (WO1993/000587)
[30] DE (P 41 20 412.3) 1991-06-20

[11] **2,091,705**
[13] C
[51] **Int.Cl. 5C09D 175/06 5C08L 67/00 5C08L 33/02 5C09D 5/03 5C08L 33/06**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF HYDROXY-FUNCTIONAL COPOLYMERS**
[54] **PROCEDE D'OBTENTION DE COPOLYMERES A FONCTIONS HYDROXY-**
[72] WAMPRECHT, CHRISTIAN, DE
[72] MEIER-WESTHUES, HANS-ULRICH, DE
[72] MEIXNER, JURGEN, DE
[72] RUF, GUNTER, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1993-03-16
[30] DE (P 42 09 035.0) 1992-03-20

[11] **2,092,577**
[13] C
[51] **Int.Cl. 5C08G 18/20 5C09J 9/00 5C08G 18/06**
[25] EN
[54] **PROCESS FOR MAKING FLEXIBLE FOAMS**
[54] **PROCEDE POUR L'OBTENTION DE MOUSSES FLEXIBLES**
[72] SPERTINI, SEVERINO, BE
[73] HUNTSMAN INTERNATIONAL LLC, US
[22] 1993-03-26
[30] GB (9208396.3) 1992-04-16

[11] **2,094,940**
[13] C
[51] **Int.Cl. 5B27N 3/02**
[25] EN
[54] **ATOMIZED RESIN BINDING METHOD AND SYSTEM FOR MAKING WOOD-SHAVING PANELS**
[54] **METHODE DE PULVERISATION D'UN LIANT POUR RESINE UTILISEE POUR LA FABRICATION DE PANNEAUX A PARTIR DE COPEAUX DE BOIS**
[72] BERTOLA, ROBERTO, IT
[72] GOGLINO, GUIDO, IT
[73] SIA S.R.L., IT
[22] 1993-04-27

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,095,471**
[13] C

[51] **Int.Cl. 5E04C 2/52**
[25] EN
[54] **OFFICE PANEL WITH TOP LAY-IN PASSAGEWAY**
[54] **SYSTEME DE PANNEAUX MURAUX POUR BUREAUX, AVEC CHEMINS DE CABLES**
[72] HELLWIG, JOHN, CA
[72] KUZNICK, IAN B., CA
[73] TEKNION FURNITURE SYSTEMS LIMITED, CA
[22] 1993-05-04
[30] US (07/878,432) 1992-05-04

[11] **2,095,991**
[13] C

[51] **Int.Cl. 5G07D 11/00**
[25] EN
[54] **CURRENCY RECEIVING DEVICE**
[54] **DISPOSITIF DE RECEPTION DE DEVICES**
[72] SIEMENS, JOHN, CA
[73] SIEMENS, JOHN, CA
[22] 1993-05-11

[11] **2,096,712**
[13] C

[51] **Int.Cl. 5C07D 223/10 5C08G 69/46**
[25] EN
[54] **RECOVERY OF CAPROLACTAM FROM OLIGOMERS AND/OR POLYMERS OF CAPROLACTAM**
[54] **RECUPERATION DE CAPROLACTAME A PARTIR D'OLIGOMERES OU DE POLYMERES DE CAPROLACTAME**
[72] FUCHS, HUGO, DE
[72] PRIESTER, CLAUS-ULRICH, DE
[72] NEUBAUER, GERALD, DE
[72] BRUNNER, ERWIN, DE
[72] RITZ, JOSEF, DE
[72] KOPIETZ, MICHAEL, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[22] 1993-05-20
[30] DE (P 42 16 848.1) 1992-05-21

[11] **2,098,194**
[13] C

[51] **Int.Cl. 5H04J 3/14**
[25] EN
[54] **METHOD OF FAULT IDENTIFICATION FOR MULTIPLEXED DEVICES**
[54] **METHODE DE LOCALISATION DE DEFAILLANCES DANS LES DISPOSITIFS MULTIPLIES**
[72] SERVI, LESLIE D., US
[73] GTE LABORATORIES INCORPORATED, US
[22] 1993-06-10
[30] US (07/900,224) 1992-06-17

[11] **2,099,041**
[13] C

[51] **Int.Cl. 5C01F 11/46**
[25] EN
[54] **PROCESS FOR PREPARING CALCIUM SULPHATE**
[54] **METHODE DE PREPARATION DE SULFATE DE CALCIUM**
[72] NENCINI, PIERGIORGIO, IT
[72] BARONTI, RUTILIO, IT
[73] TIOXIDE GROUP SERVICES LIMITED, GB
[22] 1993-06-23
[30] GB (9213998.9) 1992-07-01

[11] **2,100,215**
[13] C

[51] **Int.Cl. 5C10M 117/00 5C10M 137/10**
[25] EN
[54] **GREASE COMPOSITIONS**
[54] **COMPOSITIONS DE GRAISSE**
[72] TODD, PATRICIA R., US
[72] VINCI, JAMES N., US
[73] THE LUBRIZOL CORPORATION, US
[22] 1993-07-09
[30] US (911,443) 1992-07-10

[11] **2,100,524**
[13] C

[51] **Int.Cl. 5D06P 3/52 5E06B 3/02 5B32B 15/08 5B32B 17/10**
[25] EN
[54] **COLOURED FILM**
[54] **FILM COULEUR**
[72] SNIDER, WILLIAM DOUGLAS, GB
[73] CPFILMS INC., US
[22] 1993-07-14
[30] GB (9215003.6) 1992-07-15

[11] **2,100,947**
[13] C

[51] **Int.Cl. 5E04H 12/22 5E01F 9/01 5E04H 12/34 5E02D 27/42**
[25] EN
[54] **RAILROAD SIGNAL FOUNDATION AND METHOD OF PRODUCING, TRANSPORTING AND ERECTING SAME**
[54] **SOCLE SUPPORTANT UN PANNEAU DE SIGNALISATION FERROVIAIRE; METHODE DE FABRICATION, DE TRANSFERT ET DE MONTAGE**
[72] ANGELETTE, AUBREY M., US
[73] DIXIE PRECAST, INC., US
[22] 1993-07-20
[30] US (07/915,270) 1992-07-20

[11] **2,101,597**
[13] C

[51] **Int.Cl. 5E06B 9/08 5E06B 9/56**
[25] EN
[54] **SAFETY DEVICE AGAINST RUPTURE OF A ROTARY SHAFT**
[54] **DISPOSITIF DE PROTECTION CONTRE LE BRIS D'UN ARBRE TOURNANT**
[72] KRAEUTLER, BERNARD, FR
[73] NERGECO (SOCIETE ANONYME), FR
[22] 1993-07-29
[30] FR (92-09391) 1992-07-29

[11] **2,101,648**
[13] C

[51] **Int.Cl. 6C07K 14/00 5A61K 39/385 5A61K 39/39**
[25] EN
[54] **POLYSACCHARIDE-PROTEIN CONJUGATES**
[54] **CONJUGUES POLYSACCHARIDE-PROTEINE**
[72] SCHNEERSON, RACHEL, US
[72] ROBBINS, JOHN B., US
[72] SARVAMANGALA, DEVI J. N., US
[73] UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 1993-07-29
[86] 1992-03-12 (PCT/US1992/001796)
[87] (WO1992/016232)
[30] US (667,170) 1991-03-12

**Canadian Patents Issued
September 9, 2003**

[11] **2,102,183**
[13] C

[51] **Int.Cl. 5A01K 45/00 5A22B 1/00**
[25] EN
[54] **POULTRY-HANDLING ASSEMBLY**
[54] **APPAREIL DE MANUTENTION DES VOLAILLES**
[72] BERRY, PAUL SIMON, GB
[73] BTG INTERNATIONAL LIMITED, GB
[85] 1993-11-01
[86] 1992-05-13 (PCT/GB1992/000857)
[87] (WO1992/020223)
[30] GB (9110455.4) 1991-05-14

[11] **2,102,650**
[13] C

[51] **Int.Cl. 5C10M 129/38 5C10M 139/00 5C10M 159/12**
[25] EN
[54] **GREASE COMPOSITIONS**
[54] **GRAISSES**
[72] VINCI, JAMES N., US
[72] RIZVI, SYED Q. A., US
[72] LUCIANI, CARMEN V., US
[73] THE LUBRIZOL CORPORATION, US
[22] 1993-11-08
[30] US (975,362) 1992-11-12

[11] **2,103,080**
[13] C

[51] **Int.Cl. 5F16D 65/30**
[25] EN
[54] **BRAKE LEVER FOR AN S-CAM AUTOMOTIVE DRUM BRAKE**
[54] **LEVIER DE FREIN POUR FREIN A TAMBOUR A CAME EN S**
[72] NELANDER, AKE, SE
[73] HALDEX AB, SE
[22] 1993-11-15
[30] SE (9203455-2) 1992-11-18

[11] **2,108,282**
[13] C

[51] **Int.Cl. 5C12Q 1/56 5G01N 33/86 5G01N 33/96**
[25] EN
[54] **QUANTITATIVE CLOTTING ASSAY FOR ACTIVATED FACTOR VII**
[54] **DOSAGE QUANTITATIF DE COAGULATION DU FACTEUR VII**
[72] MORRISSEY, JAMES H., US
[73] OKLAHOMA MEDICAL RESEARCH FOUNDATION, US
[85] 1993-10-12
[86] 1992-04-09 (PCT/US1992/002898)
[87] (WO1992/018870)
[30] US (683,682) 1991-04-10

[11] **2,108,853**
[13] C

[51] **Int.Cl. 5D21B 1/12**
[25] EN
[54] **CONICAL INSERTS FOR CHIP BIN**
[54] **ELEMENTS CONIQUES POUR BENNE A COPEAUX**
[72] JOHANSON, JERRY R., US
[73] ANDRITZ INC., US
[22] 1993-10-20
[30] US (08/130,525) 1993-10-01

[11] **2,109,490**
[13] C

[51] **Int.Cl. 5H04B 7/24 5G07C 7/00 5H04M 11/06**
[25] EN
[54] **BILLING SYSTEM FOR RADIO COMMUNICATIONS**
[54] **SYSTEME DE FACTURATION POUR LES RADIOCOMMUNICATIONS**
[72] TSUMURA, MIHOJI, JP
[73] RICOS CO., LTD., JP
[22] 1993-10-28
[30] JP (H4-315938) 1992-10-30
[30] JP (H4-322615) 1992-11-06
[30] JP (H4-341671) 1992-11-27
[30] JP (H5-20611) 1993-01-12
[30] JP (H5-82561) 1993-03-16
[30] JP (H5-215290) 1993-08-06

[11] **2,109,933**
[13] C

[51] **Int.Cl. 5E02B 9/08 5F03B 13/12**
[25] EN
[54] **GRAVITATIONAL WINDOW SHUTTER FOR HYDRO-PNEUMATIC CURRENT FLOW HARNESSING SYSTEM**
[54] **VOLET GRAVITAIRE DE FENETRE DE VANNE POUR LA REGULATION HYDROPNEUMATIQUE DU COURANT**
[72] GORLOV, ALEXANDER M., US
[73] NORTHEASTERN UNIVERSITY, US
[85] 1993-11-24
[86] 1992-02-14 (PCT/US1992/001238)
[87] (WO1992/019812)
[30] US (697,209) 1991-05-08
[30] US (808,684) 1991-12-17

[11] **2,110,020**
[13] C

[51] **Int.Cl. 5H02H 3/20 5H02H 7/10**
[25] EN
[54] **ISOLATOR SURGE PROTECTOR FOR DC ISOLATION AND AC GROUNDING OF CATHODICALLY PROTECTED SYSTEMS**
[54] **PROTECTION CONTRE LES SURTENSIONS POUR CIRCUIT D'ISOLATION C.C. ET MISE A LA TERRE C.A. DES SYSTEMES A PROTECTION CATHODIQUE**
[72] PELLY, BRIAN R., US
[72] TACHICK, HENRY N., US
[73] DAIRYLAND ELECTRICAL INDUSTRIES INC., US
[22] 1993-11-25
[30] US (994,516) 1992-12-21

[11] **2,110,272**
[13] C

[51] **Int.Cl. 5B23P 19/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SUPPLYING PARTS**
[54] **METHODE UTILISEE POUR LIVRER DES PIECES, ET APPAREIL CONNEXE**
[72] AOYAMA, YOSHITAKA, JP
[73] AOYAMA, YOSHITAKA, JP
[85] 1993-11-29
[86] 1993-04-01 (PCT/JP1993/000423)
[87] (WO1993/019891)
[30] JP (4-127865) 1992-04-04
[30] JP (4-127864) 1992-04-04
[30] JP (4-352755) 1992-11-24

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,111,021**
[13] C

[51] **Int.Cl. 5H04N 9/80**
[25] EN
[54] **ENCODING METHOD AND
DECODING METHOD OF COLOR
SIGNAL COMPONENT OF PICTURE
SIGNAL HAVING PLURAL
RESOLUTIONS**
[54] **METHODES DE CODAGE ET DE
DECODAGE DES COMPOSANTES DE
COULEUR D'UN SIGNAL D'IMAGERIE
A DEFINITIONS MULTIPLES**
[72] TAHARA, KATSUMI, JP
[73] SONY CORPORATION, JP
[22] 1993-12-09
[30] JP (PO4-360170) 1992-12-28

[11] **2,112,875**
[13] C

[51] **Int.Cl. 5G01N 33/00 5C22C 1/00
5G01N 1/34**
[25] EN
[54] **ANALYTICAL METHOD FOR
NONMETALLIC CONTAMINANTS IN
SILICON**
[54] **METHODE D'ANALYSE DE
CONTAMINANTS NON METALLIQUES
CONTENUS DANS LE SILICIUM**
[72] DAUGHERTY, RICHARD
DEWAYNE, US
[72] HALM, ROLAND LEE, US
[72] KUIVILA, CHARLES SPENCER, US
[73] DOW CORNING CORPORATION, US
[22] 1994-01-05
[30] US (08/003,041) 1993-01-11

[11] **2,113,170**
[13] C

[51] **Int.Cl. 5E01B 19/00 5E01B 1/00
5F16F 1/36 5F16F 1/44**
[25] EN
[54] **SHOCK ABSORBER COMPONENT
ELEMENT AMORTISSEUR**
[72] ENGST, WILHELM, DE
[72] REPCZUK, ALEXANDER, DE
[72] WELLER, HORST, DE
[73] CONTITECH
TRANSPORTBANDSYSTEME GMBH, DE
[85] 1994-03-09
[86] 1992-06-30 (PCT/DE1992/000541)
[87] (WO1993/001355)
[30] DE (P 41 22 682.8) 1991-07-09

[11] **2,116,609**
[13] C

[51] **Int.Cl. 5B01J 20/20 5B01J 20/00
5A61F 13/52 5D21H 17/67**
[25] EN
[54] **ADSORBENT FIBROUS
NONWOVEN COMPOSITE
STRUCTURE**
[54] **NONTISSE FIBREUX ADSORBANT**
[72] SPRANG, TROY ALAN, US
[72] DOUGLAS, ANNMARIE VERONICA,
US
[72] MORGAN, BENJI DAWN, US
[73] KIMBERLY-CLARK WORLDWIDE,
INC., US
[22] 1994-02-28
[30] US (151,609) 1993-11-12

[11] **2,116,873**
[13] C

[51] **Int.Cl. 5E21B 33/035 5E21B 33/043
5E21B 33/047**
[25] EN
[54] **WELLHEAD**
[54] **TETE DE PUIT**
[72] HOPPER, HANS PAUL, GB
[72] CASSITY, THOMAS GUS, GB
[73] COOPER CAMERON
CORPORATION, US
[85] 1994-03-02
[86] 1993-05-28 (PCT/US1993/005246)
[87] (WO1993/024730)
[30] EP (92305014.0) 1992-06-01

[11] **2,116,952**
[13] C

[51] **Int.Cl. 5A61F 13/50**
[25] EN
[54] **ABSORBENT ARTICLE WHICH
INCLUDES SUPERABSORBENT
MATERIAL LOCATED IN DISCRETE
POCKETS HAVING AN IMPROVED
CONTAINMENT STRUCTURE**
[54] **ARTICLE ABSORBANT
COMPRENANT UN MATERIAU
SUPERABSORBANT LOGE DANS DES
POCHETTES SEPARÉES ET
PRESENTANT UNE CAPACITÉ DE
RETENTION AMÉLIORÉE**
[72] TANZER, RICHARD WARREN, US
[72] ABUTO, FRANK PAUL, US
[72] KELLENBERGER, STANLEY ROY,
US
[72] LAUX, DANIEL RICHARD, US
[72] NORTMAN, BRIAN KEITH, US
[72] YARBROUGH, SANDRA MARIE, US
[72] ZENKER, DAVID LOUIS, US
[72] POMPLUN, WILLIAM SEAL, US
[72] RIPPL, CARL GERARD, US
[72] ROBINSON, MARK LOUIS, US
[72] SALLEE, LORRY FRANCIS, US
[73] KIMBERLY-CLARK WORLDWIDE,
INC., US
[22] 1994-03-03
[30] US (145,924) 1993-10-29

Canadian Patents Issued
September 9, 2003

[11] **2,117,219**
[13] C
[51] **Int.Cl. 5A61F 13/46 5A61F 13/50**
[25] EN
[54] **ABSORBENT ARTICLE WHICH INCLUDES SUPERABSORBENT MATERIAL AND HYDROPHILIC FIBERS LOCATED IN DISCRETE POCKETS**
[54] **ARTICLE ABSORBANT COMPORTANT UN MATERIAU TRES ABSORBANT ET DES FIBRES HYDROPHILES DANS DES POCHEES DISCRETES**
[72] TANZER, RICHARD WARREN, US
[72] ABUTO, FRANK PAUL, US
[72] KELLENBERGER, STANLEY ROY, US
[72] LAUX, DANIEL RICHARD, US
[72] NORTMAN, BRIAN KEITH, US
[72] POMPLUN, WILLIAM SEAL, US
[72] RIPPL, CARL GERARD, US
[72] ROBINSON, MARK LOUIS, US
[72] SALLEE, LORRY FRANCIS, US
[72] SCHROEDER, WEN ZYO, US
[72] YARBROUGH, SANDRA MARIE, US
[72] ZENKER, DAVID LOUIS, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1994-03-08
[30] US (145,927) 1993-10-29

[11] **2,117,342**
[13] C
[51] **Int.Cl. 5A61F 13/50**
[25] EN
[54] **ABSORPTION BODY FOR AN ABSORBING ARTICLE**
[54] **ELEMENT D'ABSORPTION POUR ARTICLE ABSORBANT**
[72] OSTERDAHL, EJE, SE
[72] WIDLUND, URBAN, SE
[72] ANNERGREN, JEANETTE, SE
[73] SCA HYGIENE PRODUCTS AKTIEBOLAG, BE
[85] 1994-06-22
[86] 1992-02-10 (PCT/SE1992/000078)
[87] (WO1993/015702)

[11] **2,117,432**
[13] C
[51] **Int.Cl. 5G01S 15/58 5G01S 7/52 5G01S 15/96**
[25] EN
[54] **UNDERWATER DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION SOUS L'EAU**
[72] NISHIMORI, YASUSHI, JP
[72] FUKUOKA, ITSUO, JP
[72] YOSHIOKA, TAKASHI, JP
[72] HAYASHI, TATSUO, JP
[72] KAWAI, MASATO, JP
[73] FURUNO ELECTRIC COMPANY, LIMITED, JP
[85] 1994-07-25
[86] 1993-02-04 (PCT/JP1993/000141)
[87] (WO1993/016399)
[30] JP (21087/1992) 1992-02-06

[11] **2,119,268**
[13] C
[51] **Int.Cl. 5B62D 33/07**
[25] EN
[54] **TILT CAB LATCH**
[54] **VERROUILLAGE DE CABINE BASCULANTE**
[72] BAUER, DAVID R., US
[73] APPLIED POWER INC., US
[85] 1994-03-16
[86] 1992-10-14 (PCT/US1992/008574)
[87] (WO1993/008066)
[30] US (778,420) 1991-10-16

[11] **2,121,332**
[13] C
[51] **Int.Cl. 5G06K 9/18 5G02B 26/10**
[25] EN
[54] **ELECTRO-OPTICAL SCANNING SYSTEM**
[54] **SYSTEME DE BALAYAGE ELECTRO-OPTIQUE**
[72] PLESKO, GEORGE A., US
[73] GEO ACQUISITION CORP., US
[85] 1994-04-14
[86] 1992-10-14 (PCT/US1992/008757)
[87] (WO1993/008539)
[30] US (776,663) 1991-10-15

[11] **2,123,656**
[13] C
[51] **Int.Cl. 5A01D 34/00 5G05D 1/02**
[25] EN
[54] **GRASS CUTTING DEVICE**
[54] **APPAREIL A COUPER LE GAZON**
[72] NORRIS, ROGER PHILIP, GB
[73] BLACK & DECKER INC., US
[22] 1994-05-16
[30] GB (9310526.0) 1993-05-21

[11] **2,124,193**
[13] C
[51] **Int.Cl. 5C02F 1/62 5C02F 1/28**
[25] EN
[54] **SEPARATION OF HEAVY METALS FROM AQUEOUS MEDIA**
[54] **RECUPERATION DE METAUX LOURDS DANS UN MILIEU AQUEUX**
[72] LIDZEY, RAYMOND G., GB
[73] BIO-SEPARATION LIMITED, GB
[85] 1994-05-24
[86] 1993-09-24 (PCT/GB1993/002003)
[87] (WO1994/007800)
[30] GB (9220269.6) 1992-09-25

[11] **2,125,882**
[13] C
[51] **Int.Cl. 5E21B 4/06 5E21B 17/00 5B25D 17/08**
[25] EN
[54] **DOWN-THE-HOLE ROCK DRILL**
[54] **PERFORATRICE DE ROCHE FOND DE TROU**
[72] HEDLUND, JAN-GUNNAR, US
[72] HEDSTROM, LEIF, US
[73] SANDVIK AB, SE
[85] 1994-06-14
[86] 1993-01-18 (PCT/SE1993/000019)
[87] (WO1993/015299)
[30] SE (9200168-4) 1992-01-22

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,125,891**
[13] C

[51] **Int.Cl. 5B32B 27/08 5B32B 27/32**
[25] EN
[54] **POLYOLEFIN FILM HAVING BARRIER COATING RECEIVING SURFACE AND POLYOLEFIN FILM INCLUDING SUCH COATING**
[54] **PELLICULE EN POLYOLEFINE AVEC REVETEMENT DE PROTECTION SUR LA SURFACE DE RECEPTION ET PELLICULE EN POLYOLEFINE COMPRENANT CE REVETEMENT**
[72] COMER, ANNETTE MARIE, US
[72] FATICA, MICHAEL GARY, US
[72] KOLPAK, FRANCIS JOHN, US
[72] LANDOLL, LEO MICHAEL, US
[73] APPLIED EXTRUSION TECHNOLOGIES, INC., US
[22] 1994-06-15
[30] US (08/076,894) 1993-06-15

[11] **2,127,353**
[13] C

[51] **Int.Cl. 5B23B 47/02 5B23G 3/00**
[25] EN
[54] **IN-DIE TAPPING TOOL**
[54] **OUTIL DE TARAUDAGE MECANIQUE**
[72] MAYNARD, SCOTT D., US
[73] CONNELL LIMITED PARTNERSHIP, US
[85] 1994-07-04
[86] 1993-01-21 (PCT/US1993/001023)
[87] (WO1993/013900)
[30] US (823,205) 1992-01-21

[11] **2,128,417**
[13] C

[51] **Int.Cl. 5B32B 27/08**
[25] EN
[54] **RELEASE SHEET**
[54] **PELLICULE NON ADHERENTE**
[72] ALL, FRANK EDWARD, US
[72] CHANG, KEUNSUK PAUL, US
[72] LU, PANG CHIA, US
[72] REID, LELAND WALLACE, US
[72] WEBER, RALPH JOHANNES, US
[73] EXXONMOBIL OIL CORPORATION, US
[85] 1994-07-19
[86] 1993-01-27 (PCT/US1993/000727)
[87] (WO1993/014932)
[30] US (07/827,314) 1992-01-29
[30] US (07/827,312) 1992-01-29

[11] **2,129,626**
[13] C

[51] **Int.Cl. 5A61B 5/14 5B01D 71/28**
[25] EN
[54] **ACRYLIC COPOLYMER MEMBRANES FOR BIOSENSORS**
[54] **MEMBRANES DE COPOLYMERE ACRYLIQUES POUR BIOSENSEURS**
[72] ALLEN, DOUGLAS J., US
[72] NEVIN, ROBERT S., US
[73] DISETRONIC LICENSING AG, CH
[85] 1994-08-05
[86] 1993-02-10 (PCT/US1993/001194)
[87] (WO1993/015651)
[30] US (07/834,002) 1992-02-11

[11] **2,130,174**
[13] C

[51] **Int.Cl. 6C07K 5/023 6A61K 38/06**
[25] EN
[54] **4-OXO-2 THIOXOIMIDAZOLIDINE DERIVATIVES AS INHIBITORS OF BLOOD PLATELET AGGREGATION**
[54] **DERIVES DE LA 4-OXO-2-THIOXOIMIDAZOLIDINE UTILISES COMME INHIBITEURS DE L'AGREGATION PLAQUETTAIRE**
[72] ZOLLER, GERHARD, DE
[72] JABLONKA, BERND, DE
[72] KNOLLE, JOCHEN, DE
[72] JUST, MELITTA, DE
[72] KONIG, WOLFGANG, DE
[73] CASSELLA AKTIENGESELLSCHAFT, DE
[85] 1994-08-15
[86] 1993-02-24 (PCT/EP1993/000424)
[87] (WO1993/018057)
[30] DE (P 42 07 254.9) 1992-03-07

[11] **2,131,710**
[13] C

[51] **Int.Cl. 5F16D 53/00 5F16D 65/78**
[25] EN
[54] **SHIELDED VEHICLE BRAKE**
[54] **FREIN AVEC ECRAN PROTECTEUR**
[72] SIEGRIST, ERIC, CA
[73] SIEGRIST, ERIC, CA
[85] 1994-09-08
[86] 1993-03-17 (PCT/CA1993/000101)
[87] (WO1993/019307)
[30] US (07/853,081) 1992-03-17

[11] **2,131,804**
[13] C

[51] **Int.Cl. 5G02F 1/1333 5C09K 19/54**
[25] EN
[54] **ENCAPSULATED LIQUID CRYSTAL STRUCTURES, APPARATUS CONTAINING THE SAME, AND METHODS THEREFOR**
[54] **STRUCTURES CRISTALLISEES LIQUIDES ENCAPSULEES; DISPOSITIF QUI EN RENFERME; PROCEDE D'OBTENTION**
[72] WARTENBERG, MARK F., US
[72] ATKINS, HARRIETTE, US
[72] REAMEY, ROBERT H., US
[72] LAU, ALDRICH N.K., US
[72] WELSH, LAURENCE, US
[72] TOMITA, AKIRA, US
[72] STRAIN, JAMES, US
[72] HAVENS, JOHN, US
[72] WOJTOWICZ, JANUSZ, US
[72] DRZAIC, PAUL S., US
[72] MONTOYA, WAYNE, US
[73] TYCO ELECTRONICS CORPORATION, US
[85] 1994-09-09
[86] 1993-03-09 (PCT/US1993/002031)
[87] (WO1993/018431)
[30] US (07/850,378) 1992-03-10

[11] **2,135,040**
[13] C

[51] **Int.Cl. 5A61C 15/00 5A46B 15/00 5A46D 3/05**
[25] EN
[54] **INTERDENTAL TOOTHBRUSH**
[54] **BROSSE A DENTS A ACTION INTERDENTAIRE**
[72] GEKHTER, VLADIMIR, US
[72] SHIMKUS, JOHN, US
[73] JOHN O. BUTLER COMPANY, US
[22] 1994-11-03
[30] US (08/278,019) 1994-07-20

Canadian Patents Issued
September 9, 2003

[11] 2,135,897
[13] C

[51] Int.Cl. 5C02F 3/22 5C02F 3/30
[25] EN
[54] SYSTEM AND PROCESS FOR PURIFYING WASTE WATER WHICH CONTAINS NITROGENOUS COMPOUNDS
[54] SYSTEME ET PROCEDE DE PURIFICATION D'EAUX USEES RENFERMANT DES COMPOSES NITROGENES
[72] MULDER, RONALD, NL
[72] VELLINGA, SJOERD HUBERTUS JOZEF, NL
[73] PAQUES B.V., NL
[85] 1994-11-15
[86] 1993-06-10 (PCT/NL1993/000125)
[87] (WO1993/025485)
[30] NL (9201026) 1992-06-10
[30] NL (9201693) 1992-09-30

[11] 2,138,026
[13] C

[51] Int.Cl. 5C07D 241/44 5A61K 31/495
[25] EN
[54] NOVEL 1,4-DIHYDROQUINOXALINE-2,3-DIONES AND USES THEREFOR AS GLYCINE RECEPTOR ANTAGONISTS
[54] NOUVEAU 1,4-DIHYDROQUINOXALINE-2,3-DIONES ET LEUR UTILISATION EN TANT QU'ANTAGONISTES DES RECEPTEURS DE LA GLYCINE
[72] WEBER, ECKARD, US
[72] KEANA, JOHN F. W., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] STATE OF OREGON, ACTING BY AND THROUGH THE OREGON STATE BOARD OF HIGHER EDUCATION, ACTING FOR AND ON BEHALF OF THE OREGON HEALTH SCIENCES UNIVERSITY AND THE UNIVERSITY OF OREGON, US
[85] 1994-12-13
[86] 1993-06-17 (PCT/US1993/005859)
[87] (WO1994/000124)
[30] US (07/903,080) 1992-06-22
[30] US (07/995,167) 1992-12-22
[30] US (08/069,274) 1993-05-28

[11] 2,139,577
[13] C

[51] Int.Cl. 6G08G 1/042
[25] FR
[54] DISPOSITIF POUR DETECTER NOTAMMENT UNE OU PLUSIERS ROUES D'UN VEHICULE OU D'UN ENGIN MOBILE ROULANT ET PROCEDE METTENT EN OEUVRE CE DISPOSITIF
[54] DEVICE FOR DETECTING ESPECIALLY ONE OR MORE WHEELS OF A VEHICLE OR ROLLING MOBILE EQUIPMENT, AND PROCESS IMPLEMENTING SUCH DEVICE
[72] STANCZYK, DANIEL, FR
[73] CENTRE D'ETUDES TECHNIQUES DE L'EQUIPEMENT DE L'EST (C.E.T.E. DE L'EST) SERVICE EXTERIEUR DU MINISTERE DE L'EQUIPEMENT, FR
[85] 1995-01-04
[86] 1993-07-06 (PCT/FR1993/000699)
[87] (WO1994/001847)
[30] FR (92 08416) 1992-07-06

[11] 2,139,937
[13] C

[51] Int.Cl. 6A23L 3/3571 6A23C 9/123 6A23F 3/30 6A23L 3/3472 6A61K 38/44 6A61K 35/74
[25] EN
[54] ANTIOXIDATION FOOD PRODUCT, ANTIOXIDATION PREPARATION AND ANTIOXIDATION METHOD
[54] ANTIOXYDANT ALIMENTAIRE, PREPARATION ANTIOXYDANTE ET METHODE D'INHIBITION DE L'OXYDATION
[72] TOBA, MASAMICHI, JP
[72] UCHIYAMA, SHIGETO, JP
[72] OHTA, REIKO, JP
[72] SHIMIZU, SEIICHI, JP
[72] SAKAMOTO, SHUICHI, JP
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 1995-01-10
[86] 1994-05-09 (PCT/JP1994/000753)
[87] (WO1994/026133)
[30] JP (5-109643(1993)) 1993-05-11

[11] 2,140,904
[13] C

[51] Int.Cl. 6C08F 220/16 6C09J 7/02
[25] EN
[54] NON-SILICONE RELEASE POLYMER
[54] POLYMERE ANTIADHESIF NON SILICONIQUE
[72] CHAO, HUNG Y., US
[73] MOORE WALLACE, INC., US
[85] 1995-01-24
[86] 1994-05-23 (PCT/US1994/005735)
[87] (WO1994/028081)
[30] US (08/065,914) 1993-05-25

[11] 2,142,121
[13] C

[51] Int.Cl. 6A61K 38/17 6G01N 33/566 6G01N 33/86
[25] EN
[54] EFFECTS OF ACTIN FILAMENTS ON FIBRIN CLOT STRUCTURE AND LYSIS
[54] EFFETS DES FILAMENTS D'ACTINE SUR LA STRUCTURE DES CAILLOTS FIBRINEUX ET SUR LA LYSE
[72] JANMEY, PAUL A., US
[72] LAMB, JENNIFER A., US
[72] LIND, STUART E., US
[72] STOSSEL, THOMAS P., US
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, US
[85] 1995-02-09
[86] 1993-08-13 (PCT/US1993/007584)
[87] (WO1994/004704)
[30] US (07/929,203) 1992-08-14

[11] 2,144,547
[13] C

[51] Int.Cl. 6C09D 163/00 6C09J 163/00 6C09J 5/02 6B32B 15/08
[25] EN
[54] AQUEOUS ESSENTIALLY VOC-FREE ADHESIVE EPOXY PRIMER
[54] COUCHE PRIMAIRE ADHESIVE A BASE D'EPOXYDE, PRACTIQUEMENT EXEMPT DE SOLVANTS ORGANIQUES NON VOLATILS
[72] SWEET, DAVID EUGENE, US
[73] CYTEC TECHNOLOGY CORP., US
[85] 1995-03-10
[86] 1993-09-10 (PCT/US1993/008547)
[87] (WO1994/006876)
[30] US (07/944,570) 1992-09-14

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,145,630**
[13] C

[51] **Int.Cl. 6C12P 13/22 6C12N 15/01
6C12N 1/20 6C12N 15/53**
[25] EN
[54] **MICROORGANISMS FOR THE
PRODUCTION OF TRYPTOPHAN AND
PROCESS FOR PRODUCING THE
SAME**
[54] **MICROORGANISMES
PRODUISANT DU TRYPTOPHANE ET
PROCEDE DE FABRICATION**
[72] WICH, GUNTER, DE
[72] LEINFELDER, WALFRED, DE
[72] BACKMAN, KEITH, US
[73] CONSORTIUM FUR
ELEKTROCHEMISCHE INDUSTRIE
GMBH, DE
[85] 1995-03-27
[86] 1993-09-23 (PCT/EP1993/002588)
[87] (WO1994/008031)
[30] DE (P 42 32 468.8) 1992-09-28

[11] **2,146,372**
[13] C

[51] **Int.Cl. 6C07D 305/14 6C07F 7/10
6C07D 405/12 6C07D 407/12 6C07D 413/
12 6C07C 271/22**
[25] FR
[54] **NOUVEAU PROCEDE
D'ESTERIFICATION DE LA
BACCATINE III ET DE LA
DESACETYL-10 BACCATINE III**
[54] **NEW PROCESS FOR THE
ESTERIFICATION OF BACCATINE III
AND 10-DESACETYLBACCATINE III**
[72] DENIS, JEAN-NOEL, FR
[72] GREENE, ANDREW, FR
[72] MAS, JEAN-MANUEL, FR
[73] AVENTIS PHARMA S.A., FR
[85] 1995-04-04
[86] 1993-10-04 (PCT/FR1993/000965)
[87] (WO1994/007876)
[30] FR (92/11739) 1992-10-05

[11] **2,149,224**
[13] C

[51] **Int.Cl. 6C08G 69/28**
[25] EN
[54] **PROCESS FOR MAKING
PARTIALLY AROMATIC
POLYAMIDES CONTAINING 2-
METHYLPENTAMETHYLENEDIAMIN
E UNITS**
[54] **METHODE POUR PREPARER DES
POLYAMIDES PARTIELLEMENT
AROMATIQUES RENFERMANT DES
UNITES DE 2-
METHYLPENTAMETHYLENEDIAMIN
E**
[72] MARKS, DAVID NEIL, US
[73] E.I. DU PONT DE NEMOURS AND
COMPANY, US
[85] 1995-05-11
[86] 1993-11-05 (PCT/US1993/010434)
[87] (WO1994/011418)
[30] US (07/979,006) 1992-11-13

[11] **2,146,131**
[13] C

[51] **Int.Cl. 6A01C 7/08 6A01C 15/00
6G05D 7/00**
[25] EN
[54] **ELECTROMAGNETIC METER
FOR CLOSED DISPENSING
CONTAINER**
[54] **COMPTEUR
ELECTROMAGNETIQUE POUR
CONTENANT DE DISTRIBUTION
FERME**
[72] CONRAD, LARRY M., US
[72] WALTON, DAVID S., US
[73] CONRAD, LARRY M., US
[73] SYNGENTA CROP PROTECTION,
INC., US
[85] 1995-03-31
[86] 1993-10-04 (PCT/US1993/009521)
[87] (WO1994/008446)
[30] US (07/961,460) 1992-10-15

[11] **2,147,891**
[13] C

[51] **Int.Cl. 6G01V 1/104 6G01V 1/047
6B06B 1/18**
[25] EN
[54] **VIBRATING HOLE FORMING
DEVICE FOR SEISMIC EXPLORATION**
[54] **DISPOSITIF VIBRANT POUR LE
CREUSAGE DE TROUS AUX FINS
D'EXPLORATION SISMIQUE**
[72] GREMILLION, ERNEST J., US
[72] GREMILLION, ERNEST J., US
[73] SCHLUMBERGER SEISMIC
HOLDINGS LIMITED, VG
[85] 1995-04-13
[86] 1993-10-13 (PCT/US1993/009588)
[87] (WO1994/009386)
[30] US (07/961,851) 1992-10-16

[11] **2,158,169**
[13] C

[51] **Int.Cl. 6F16J 15/56 6F16L 27/02
6F16L 27/04 6F16L 27/047**
[25] EN
[54] **SELF-ALIGNING SHAFT SUPPORT**
[54] **PALIER POUR ARBRE ROTATIF A
ALIGNEMENT AUTOMATIQUE**
[72] CHERNY, DMITRY, AU
[72] CHERNY, NICOLAI, AU
[72] CHERNY, DIMITRY, AU
[73] HARBISON-FISCHER INC., US
[85] 1995-09-12
[86] 1994-03-17 (PCT/AU1994/000130)
[87] (WO1994/021944)
[30] AU (PL 7860) 1993-03-17

[11] **2,146,270**
[13] C

[51] **Int.Cl. 6E21D 20/02 6F16B 13/14**
[25] EN
[54] **ATTACHMENT ANCHOR
ASSEMBLY**
[54] **TIGE D'ANCRAGE**
[72] POPP, FRANZ, DE
[72] SEDLMEIER, ANDREAS, DE
[73] HILTI AKTIENGESSELLSCHAFT, LI
[22] 1995-04-04
[30] DE (P 44 13 743.5) 1994-04-20

[11] **2,165,691**
[13] C

[51] **Int.Cl. 6B65D 81/34**
[25] EN
[54] **TEA FILTER PACK FOR
AUTOMATIC BREWERS**
[54] **THE CONDITIONNE SANS FILTRE
POUR MACHINES A INFUSION
AUTOMATIQUES**
[72] GRUENBACHER, DANA PAUL, US
[72] KUPNESKI, MICHAEL JOSEPH, US
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 1995-12-07
[86] 1994-05-16 (PCT/US1994/005428)
[87] (WO1995/001293)
[30] US (08/084,051) 1993-06-29

Canadian Patents Issued
September 9, 2003

[11] **2,165,952**
[13] C
[51] Int.Cl. 6A61K 7/40 6A61K 7/09
[25] EN
[54] **SKIN AND SCALP BARRIER FOR USE WITH HAIR TREATMENT PRODUCTS**
[54] **PROTECTION DE LA PEAU ET DU CUIR CHEVELU CONTRE LES PRODUITS DE TRAITEMENT CAPILLAIRE**
[72] JARVIS, DAVID PAUL, US
[72] DE LA GUARDIA, MARIO JOSE, US
[72] JONES, JOSEPH JR., US
[73] CARSON PRODUCTS COMPANY, US
[85] 1995-12-21
[86] 1994-06-22 (PCT/US1994/006773)
[87] (WO1995/000107)
[30] US (08/079,809) 1993-06-22

[11] **2,170,842**
[13] C
[51] Int.Cl. 6G09F 13/34 6G09F 9/37
[25] EN
[54] **DISPLAY DEVICE WITH DISK AND LED**
[54] **DISPOSITIF D’AFFICHAGE AVEC DISQUE ET DEL**
[72] TIJANIC, VESO S., CA
[73] MARK IV INDUSTRIES LIMITED, CA
[22] 1996-03-01

[11] **2,171,830**
[13] C
[51] Int.Cl. 6B01J 13/02 6A61K 7/00 6A01N 25/04 6B01F 3/08 6A01N 57/16 6B01F 17/52
[25] EN
[54] **STABILISATION AND USE OF HETEROGENEOUS LIQUID COMPOSITIONS**
[54] **METHODE DE STABILISATION ET D’UTILISATION DE COMPOSITIONS LIQUIDES HETEROGENES**
[72] CHAMBERLAIN, PETER, GB
[72] HARDEN, ELEANOR, GB
[73] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB
[85] 1996-03-14
[86] 1994-09-15 (PCT/GB1994/002014)
[87] (WO1995/007613)
[30] GB (9319112.0) 1993-09-15

[11] **2,172,948**
[13] C
[51] Int.Cl. 6E04D 13/076
[25] EN
[54] **RAIN GUTTER SHIELD**
[54] **PROTECTEUR DE GOUTTIERE**
[72] IANNELLI, ANTHONY, US
[73] IANNELLI, ANTHONY, US
[22] 1996-03-28
[30] US (08/412,766) 1995-03-29

[11] **2,174,316**
[13] C
[51] Int.Cl. 6B05D 1/32 6B05D 3/04 6B05C 11/06
[25] EN
[54] **METHOD OF FORMING A PROTECTIVE FILM ON A COATED SURFACE AND APPARATUS FOR CARRYING OUT THE SAME**
[54] **METHODE POUR FORMER UNE PELLICULE PROTECTRICE SUR UNE SURFACE REVETUE ET APPAREIL POUR L’APPLIQUER**
[72] AKASAKA, KENSAKU, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 1996-04-16
[86] 1995-12-20 (PCT/JP1995/002612)
[87] (WO1996/019296)
[30] JP (6-320631) 1994-12-22
[30] JP (6-320636) 1994-12-22

[11] **2,175,472**
[13] C
[51] Int.Cl. 6A61K 9/127 6A61K 7/00
[25] EN
[54] **PROPYLENE GLYCOL STEARATE VESICLES**
[54] **VESICULES DE STEARATE DE PROPYLENE GLYCOL**
[72] MATHUR, RAJIV, US
[73] MICRO-PAK, INC., US
[85] 1996-04-30
[86] 1994-10-25 (PCT/US1994/012157)
[87] (WO1995/013052)
[30] US (08/148,952) 1993-11-08

[11] **2,176,083**
[13] C
[51] Int.Cl. 6G01G 21/04
[25] EN
[54] **KNIFE RING JOINT**
[54] **JOINT DE BAGUE DE COUPE**
[72] LUMPPPIO, JUHA LAURI, FI
[73] WENMEC SYSTEMS OY, FI
[22] 1996-05-08
[30] FI (952238) 1995-05-09

[11] **2,179,191**
[13] C
[51] Int.Cl. 6C08K 5/00 6C08L 27/06 6C08K 5/098 6C08K 5/3415 6C08K 5/57
[25] EN
[54] **STABILISED VINYL CHLORIDE COMPOSITION**
[54] **COMPOSITION STABILISEE DE CHLORURE DE VINYLE**
[72] HARVEY, HEATHER BLUE, GB
[72] BURLEY, JOSEPH WILLIAM, GB
[72] SCHMETS, GERARD HUB FRANS, NL
[73] AKCROS CHEMICALS, A PARTNERSHIP BETWEEN AKCROS SERVICES LIMITED AND PURE CHEMICALS LTD, GB
[85] 1996-06-14
[86] 1994-12-09 (PCT/GB1994/002691)
[87] (WO1995/016739)
[30] GB (9325849.9) 1993-12-17

[11] **2,179,388**
[13] C
[51] Int.Cl. 6B65D 49/02 6B65D 77/06 6B65D 47/20
[25] EN
[54] **BACK-FLOW PREVENTING BAG VALVE FOR BAG-IN-BOX CONTAINER**
[54] **SOUPAPE DE CARTON ANTI-REFOULEMENT POUR CARTON-OUTRE**
[72] RICHTER, SIMON J., US
[72] BOSTON, THOMAS R., US
[72] TOTTEN, KEVIN J., US
[72] CREDLE, WILLIAM S., JR., US
[73] COCA-COLA COMPANY (THE), US
[85] 1996-06-18
[86] 1995-02-01 (PCT/US1995/001358)
[87] (WO1995/021101)
[30] US (08/189,828) 1994-02-01
[30] US (08/260,572) 1994-06-16

[11] **2,180,483**
[13] C
[51] Int.Cl. 6C04B 14/04
[25] EN
[54] **ZEOLITE-BASED LIGHTWEIGHT CONCRETE PRODUCTS**
[54] **PRODUITS EN BETON LEGER A BASE DE ZEOLITE**
[72] FU, YAN, CA
[72] DING, JIAN, CA
[72] BEAUDOIN, JAMES J., CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 1996-06-25
[30] US (08/499,458) 1995-07-07

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,180,685**
[13] C

[51] **Int.Cl. 6H04L 12/66 6H04L 12/12**
[25] EN
[54] **INTERNET TELEPHONY GATEWAY**
[54] **PASSERELLE TELEPHONIQUE INTERNET**
[72] QUON, WYNN, CA
[73] MITEL NETWORKS CORPORATION, CA
[22] 1996-07-08

[11] **2,182,386**
[13] C

[51] **Int.Cl. 6G10L 9/14**
[25] FR
[54] **PROCEDE DE CODAGE DE PAROLE A PREDICTION LINEAIRE ET EXCITATION PAR CODES ALGEBRIQUES**
[54] **SPEECH CODING METHOD USING LINEAR PREDICTION AND ALGEBRAIC CODE EXCITATION**
[72] LAMBLIN, CLAUDE, FR
[73] FRANCE TELECOM, FR
[85] 1996-07-30
[86] 1996-01-04 (PCT/FR1996/000017)
[87] (WO1996/021221)
[30] FR (95/00133) 1995-01-06

[11] **2,183,155**
[13] C

[51] **Int.Cl. 6C07D 217/24 6C07D 491/052 6A61K 31/47**
[25] EN
[54] **NAPHTHYLISOQUINOLINE ALKALOIDS, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR USE FOR THE TREATMENT OF MALARIA**
[54] **ALCALOIDES DU TYPE NAPHTHYLISOQUINOLEINE, PREPARATIONS PHARMACEUTIQUES LES CONTENANT ET LEUR EMPLOI EN VUE DU TRAITEMENT DE LA MALARIA**
[72] FRANCOIS, GUIDO, BE
[72] BRINGMANN, GERHARD, DE
[72] PHILLIPSON, J. DAVID, GB
[72] BOYD, MICHAEL R., US
[72] ASSI, LAURENT AKE, CI
[72] SCHNEIDER, CHRISTOPH, DE
[72] TIMPERMAN, GEORGES, BE
[73] THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 1996-08-12
[86] 1995-02-13 (PCT/US1995/001717)
[87] (WO1995/021616)
[30] US (195,547) 1994-02-14

[11] **2,183,412**
[13] C

[51] **Int.Cl. 6C08L 69/00 6C08L 25/06 6C08L 67/06 6C08K 5/42**
[25] EN
[54] **THERMOPLASTIC RESIN COMPOSITION SUPERIOR IN TRANSPARENCY AND ANTISTATIC PROPERTY**
[54] **COMPOSITION DE RESINE THERMOPLASTIQUE SUPERIEURE EN TRANSPARENCE ET EN PROPRIETES ANTISTATIQUES**
[72] KIDO, NOBUAKI, JP
[72] MATSUMURA, SHUNICHI, JP
[72] ITO, TAKASHI, JP
[73] TEIJIN LIMITED, JP
[22] 1996-08-15
[30] JP (7-209,506) 1995-08-17
[30] JP (7-274,079) 1995-10-23

[11] **2,183,834**
[13] C

[51] **Int.Cl. 6A61K 31/505**
[25] EN
[54] **ANTIHYPERTENSIVE AGENTS CONTAINING PYRAZOLOPYRIMIDINE DERIVATIVES**
[54] **AGENTS ANTIHYPERTENSEURS CONTENANT DES DERIVES DE PYRAZOLOPYRIMIDINE**
[72] MAEDA, HIROSHI, JP
[72] AKAIKE, TAKAAKI, JP
[72] MIYAMOTO, YOICHI, JP
[72] YOSHIDA, MASAKI, JP
[73] MAEDA, HIROSHI, JP
[22] 1996-08-21
[30] JP (213292/1995) 1995-08-22

[11] **2,185,722**
[13] C

[51] **Int.Cl. 6E02F 3/43**
[25] EN
[54] **APPARATUS AND METHOD FOR CONTROLLING A CONSTRUCTION MACHINE**
[54] **APPAREIL ET METHODE POUR LA COMMANDE D'UN ENGINE DE CONSTRUCTION**
[72] ONO, TOMOAKI, JP
[72] TOZAWA, SHOJI, JP
[73] SHIN CATERPILLAR MITSUBISHI LTD., JP
[22] 1996-09-16
[30] JP (34033/1996) 1996-02-21
[30] JP (34034/1996) 1996-02-21

[11] **2,187,901**
[13] C

[51] **Int.Cl. 6C07K 5/075**
[25] EN
[54] **IMPROVED METHOD FOR THE PREPARATION OF AN ASPARTAME-DERIVED COMPOUND USEFUL AS A SWEETENER**
[54] **PROCEDE PERFECTIONNE DE PREPARATION D'UN COMPOSE DERIVE DE L'ASPARTAME UTILE COMME AGENT EDULCORANT**
[72] NOFRE, CLAUDE, FR
[72] TINTI, JEAN-MARIE, FR
[73] NOFRE, CLAUDE, FR
[73] TINTI, JEAN-MARIE, FR
[85] 1996-10-15
[86] 1995-05-05 (PCT/FR1995/000589)
[87] (WO1995/030689)
[30] FR (94/05674) 1994-05-09

Canadian Patents Issued
September 9, 2003

[11] 2,189,934
[13] C

[51] Int.Cl. 6G03G 15/20
[25] EN
[54] HEATER AND HEATING/FIXING UNIT COMPRISING THE SAME
[54] APPAREIL DE CHAUFFE ET UNITE DE CHAUFFE/FIXAGE EQUIPEE DE CET APPAREIL
[72] NATSUHARA, MASUHIRO, JP
[72] NAKATA, HIROHIKO, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1996-11-08
[30] JP (7-294594) 1995-11-13
[30] JP (8-284999) 1996-10-28

[11] 2,192,261
[13] C

[51] Int.Cl. 6H01M 4/24 6H01M 4/26
[25] EN
[54] NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
[54] BATTERIE SECONDAIRE A ELECTROLYTE NON AQUEUX
[72] SHOJI, YOSHIHIRO, JP
[72] KUSUMOTO, YASUYUKI, JP
[72] YAMASAKI, MIKIYA, JP
[72] NOHMA, TOSHIYUKI, JP
[72] NISHIO, KOJI, JP
[73] SANYO ELECTRIC CO., LTD., JP
[22] 1996-12-06
[30] JP (7-345132) 1995-12-06

[11] 2,192,879
[13] C

[51] Int.Cl. 6B08B 15/02 6B08B 5/00 6B08B 13/00
[25] EN
[54] FUME HOOD CABLE SYSTEM
[54] SYSTEME DE CABLE POUR HOTTE D'EXTRACTION DE FUMEE
[72] RINDOKS, KURT, US
[72] CLANTON, KAROLE, US
[73] KEWAUNEE SCIENTIFIC CORPORATION, US
[22] 1996-12-13
[30] US (08/573,434) 1995-12-15

[11] 2,193,380
[13] C

[51] Int.Cl. 6G01N 21/86 6G01B 11/30
[25] EN
[54] METHOD AND APPARATUS FOR MEASURING AND CONTROLLING THE SURFACE CHARACTERISTICS OF SHEET MATERIALS SUCH AS PAPER
[54] PROCEDE ET APPAREIL DE MESURE ET DE COMMANDE DES CARACTERISTIQUES DE SURFACE DE MATIERES EN FEUILLE TELLES QUE DU PAPIER
[72] CHASE, LEE M., US
[72] GOSS, JOHN D., US
[73] HONEYWELL-MEASUREX CORPORATION, US
[85] 1996-12-18
[86] 1996-05-02 (PCT/US1996/006153)
[87] (WO1996/035111)
[30] US (08/435,995) 1995-05-05

[11] 2,193,915
[13] C

[51] Int.Cl. 6C07K 14/415 6A21D 2/26
[25] EN
[54] METHOD FOR PRODUCING A HYPOALLERGENIC WHEAT FLOUR
[54] METHODE DE PRODUCTION D'UNE FARINE DE BLE HYPOALLERGENIQUE
[72] WATANABE, MICHIKO, JP
[73] JAPAN SCIENCE & TECHNOLOGY CORPORATION, JP
[22] 1996-12-24
[30] JP (344069/1995) 1995-12-28
[30] JP (344070/1995) 1995-12-28

[11] 2,201,751
[13] C

[51] Int.Cl. 6B65D 47/06 6B65D 41/62
[25] EN
[54] DETERGENT DISPENSER
[54] BOUCHON DISTRIBUTEUR POUR DETERGENT
[72] STOCKWELL, COLIN, ZA
[73] UNILEVER PLC, GB
[85] 1997-04-03
[86] 1994-10-14 (PCT/GB1994/002257)
[87] (WO1996/011855)

[11] 2,201,951
[13] C

[51] Int.Cl. 6F15B 21/08 6F15B 13/08 6F16K 11/24
[25] EN
[54] OVERMOLDED FRAME BUS WITH INTEGRAL PRESSURE SWITCH
[54] PLAQUETTE OMNIBUS MOULEE AVEC MANOSTAT INTEGRE
[72] NESS, JOHN A., US
[72] GLUF, CARL G. JR., US
[72] BENNETT, LARRY P., US
[73] EATON CORPORATION, US
[22] 1997-04-04
[30] US (08/637,997) 1996-04-25

[11] 2,204,689
[13] C

[51] Int.Cl. 6F23N 1/02 6F23N 5/12 6F23D 14/60
[25] EN
[54] PROCESS AND DEVICE FOR OPERATING A GAS BURNER
[54] PROCEDE ET DISPOSITIF POUR FAIRE FONCTIONNER UN BRULEUR A GAZ
[72] MERKER, ROLAND, DE
[72] HERRS, MARTIN, DE
[72] BREDEMEIER, ECKART, DE
[72] SCHWEDLER, NORBERT, DE
[72] NOLTE, HUBERT, DE
[73] STIEBEL ELTRON GMBH & CO. KG, DE
[22] 1997-05-07
[30] DE (196 18 573.4) 1996-05-09
[30] DE (196 27 857.0) 1996-07-11
[30] DE (196 31 821.1) 1996-08-07

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,205,374**
[13] C

[51] **Int.Cl. 6A61N 1/368**
[25] EN
[54] **MODIFICATION OF PACEMAKER TACHY RESPONSE BASED ON FFRW SENSING**
[54] **MODIFICATION, EN FONCTION DE LA DETECTION DE LA PRESENCE D'ONDES R DU CHAMP LOINTAIN (FFRW), DE LA REACTION D'UN STIMULATEUR CARDIAQUE A UNE ACCELERATION DU RYTHME CARDIAQUE**
[72] BUSACKER, JAMES W., US
[72] HESS, MICHAEL F., US
[72] MARKOWITZ, H. TOBY, US
[72] JURAN, CARLEEN J., US
[73] MEDTRONIC, INC., US
[85] 1997-05-14
[86] 1996-08-16 (PCT/US1996/013190)
[87] (WO1997/011745)
[30] US (08/536,715) 1995-09-29

[11] **2,207,311**
[13] C

[51] **Int.Cl. 6G05G 1/08 6G05G 21/00**
[25] EN
[54] **CAM-OPERATED TIMER QUIET CYCLE SELECTOR**
[54] **SELECTEUR DE CYCLE SILENCIEUX DE MINUTERIE A CAME**
[72] AMONETT, DANIEL KEITH, US
[73] EMERSON ELECTRIC CO., US
[22] 1997-05-28
[30] US (08/654,494) 1996-05-28

[11] **2,208,991**
[13] C

[51] **Int.Cl. 6A61G 5/10**
[25] EN
[54] **REDUCED SHEAR ASSEMBLY FOR RECLINE SEAT BACK OF A WHEELCHAIR**
[54] **DOSSIER INCLINABLE DE FAUTEUIL ROULANT A CISAILLEMENT REDUIT**
[72] BROADHEAD, DOUGLAS G., CA
[73] INVACARE CORPORATION, US
[22] 1997-06-27
[30] US (08/745,715) 1996-11-12

[11] **2,211,151**
[13] C

[51] **Int.Cl. 6E06B 9/40**
[25] EN
[54] **WOVEN FABRIC FOR USE AS A SHADE IN A ROLLER BLIND**
[54] **TISSU UTILISE COMME DISPOSITIF D'OMBRAGE DANS UN STORE ENROULABLE**
[72] FERNANDEZ LOPEZ, RAIMOND, ES
[73] L'ESTOR, S.L., ES
[22] 1997-07-21

[11] **2,212,578**
[13] C

[51] **Int.Cl. 6B01J 49/00**
[25] EN
[54] **AMINE HEAT STABLE SALT REMOVAL FROM TYPE II ANION EXCHANGE RESIN**
[54] **EXTRACTION DE SEL D'AMINE STABLE A LA CHALEUR D'UNE RESINE ECHANGEUSE D'ANIONS DE TYPE II**
[72] COBERLY, STEVEN H., US
[72] CUMMINGS, ARTHUR L., US
[72] LAVEN, THOMAS H., US
[73] MPR SERVICES, INC., US
[85] 1997-08-07
[86] 1996-02-15 (PCT/US1996/001955)
[87] (WO1996/026007)
[30] US (08/394,293) 1995-02-24

[11] **2,213,731**
[13] C

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04**
[25] EN
[54] **METHODS AND REAGENTS FOR TYPING HLA CLASS I GENES**
[54] **PROCEDE ET REACTIFS DE TYPAGE DE GENES HLA DE CLASSE I**
[72] CHADWICK, ROBERT B., US
[72] JOHNSTON-DOW, LESLIE, US
[72] PARHAM, PETER, US
[73] PE CORPORATION (NY), US
[85] 1997-08-14
[86] 1996-02-20 (PCT/US1996/002408)
[87] (WO1997/031126)

[11] **2,216,045**
[13] C

[51] **Int.Cl. 6B01F 15/04 6B01F 3/12**
[25] EN
[54] **APPARATUS AND METHOD FOR PREPARATION OF LIQUID/SOLID SLURRIES**
[54] **APPAREIL ET METHODE POUR LA PREPARATION DE BOUES LIQUIDE/SOLIDE**
[72] FUNDYTUS, DARCEY D., CA
[72] BILAK, ROMAN A., CA
[73] TERRALOG TECHNOLOGIES USA, INC., US
[73] TERRALOG TECHNOLOGIES INC., CA
[22] 1997-09-19
[30] US (08/919,070) 1997-08-22

[11] **2,218,707**
[13] C

[51] **Int.Cl. 6C07D 249/08 6C07D 403/00**
[25] FR
[54] **PROCEDE DE PREPARATION DU 4-AMINO-1,2,4 TRIAZOLE**
[54] **PROCESS FOR PREPARING 4-AMINO-1, 2, 4 TRIAZOLE**
[72] BOURDAUDUCQ, PAUL, FR
[73] ELF ATOCHEM S.A., FR
[22] 1997-11-06
[30] FR (96 13 590) 1996-11-07

[11] **2,219,670**
[13] C

[51] **Int.Cl. 6A23D 9/00 6A23L 1/015**
[25] EN
[54] **TREATMENT OF COOKING OILS AND FATS WITH MAGNESIUM SILICATE AND ALKALI MATERIALS**
[54] **TRAITEMENT D'HUILES ET DE MATIERES GRASSES POUR LA CUISINE AVEC DU SILICATE DE MAGNESIUM ET DES MATIERES ALCALINES**
[72] CALDWELL, JOSEPH D., US
[72] MUNSON, JAMES R., US
[72] BERTRAM, BRYAN L., US
[73] THE DALLAS GROUP OF AMERICA, INC., US
[85] 1997-10-28
[86] 1996-06-05 (PCT/US1996/008933)
[87] (WO1996/039044)
[30] US (08/462,510) 1995-06-05

Canadian Patents Issued
September 9, 2003

[11] 2,220,862
[13] C

[51] Int.Cl. 6A61M 5/32 6A61M 5/50
[25] FR
[54] SERINGUE PRE-REPLIEE DE SECURITE
[54] PREFILLED SAFETY SYRINGE
[72] ANEAS, ANTOINE, FR
[73] BIODOME, FR
[85] 1997-11-12
[86] 1996-05-24 (PCT/FR1996/000789)
[87] (WO1996/037247)
[30] FR (95/06415) 1995-05-24

[11] 2,221,953
[13] C

[51] Int.Cl. 6C02F 3/22 6B01F 3/04
[25] EN
[54] OXYGENATION OF STRATIFIED WATER
[54] OXYGENATION D'EAU STRATIFIEE
[72] GEMZA, ANDY, CA
[73] GEMZA, ANDY, CA
[22] 1997-11-21
[30] US (08/755,100) 1996-11-22

[11] 2,222,062
[13] C

[51] Int.Cl. 6C07C 219/16 6C07C 213/00 6C07D 295/03 6C07C 217/04 6C07C 68/06 6C07D 295/088 6C07C 211/10 6C07C 209/68 6C07C 69/96
[25] EN
[54] PROCESS FOR THE PREPARATION OF TERTIARY AMINOCARBONATES AND AMINOETHERS
[54] PROCEDE D'ELABORATION D'AMINOCARBONATES ET D'AMINOETHERS TERTIAIRES
[72] BASTRON, VICTOR, US
[73] OSI SPECIALTIES, INC., US
[85] 1997-11-24
[86] 1996-06-07 (PCT/US1996/008682)
[87] (WO1996/040613)
[30] US (08/477,322) 1995-06-07

[11] 2,227,352
[13] C

[51] Int.Cl. 6A43B 17/00
[25] EN
[54] FLEECE SOCK
[54] CHAUSSETTE EN MOLLETON
[72] OTTO, RICKY DAVID, US
[72] JACKSON, OKSU SIN, US
[73] DECKERS OUTDOOR CORPORATION, US
[22] 1998-01-16
[30] US (09/001,252) 1997-12-30

[11] 2,227,701
[13] C

[51] Int.Cl. 6A62B 18/08 6A62B 18/02 6A61F 9/04
[25] EN
[54] QUICK DONNING GOGGLES FOR USE WITH BREATHING MASK
[54] LUNETTES DE VOL A MISE EN PLACE RAPIDE S'UTILISANT AVEC UN MASQUE RESPIRATOIRE
[72] DE CASTRO, JOSE TADEO, US
[72] IMRAAN, AZIZ, US
[72] SWORD, RANDALL JAY, US
[73] SCOTT TECHNOLOGIES, INC., US
[85] 1998-01-23
[86] 1996-07-31 (PCT/US1996/012522)
[87] (WO1997/004837)
[30] US (509,800) 1995-08-01

[11] 2,227,740
[13] C

[51] Int.Cl. 6A61K 47/30 6A61K 47/04 6A61K 33/08 6A61K 47/14 6A61K 33/44 6A61K 31/60
[25] EN
[54] GASTROINTESTINAL DRUG COMPOSITION
[54] COMPOSITION PHARMACEUTIQUE DU TUBE DIGESTIF
[72] GRIMBERG, GEORGES SERGE, FR
[73] GRIMBERG, GEORGES SERGE, FR
[22] 1998-01-23
[30] FR (97 01410) 1997-02-07

[11] * 2,228,569
[13] C

[51] Int.Cl. 6B60K 15/01 6B60K 15/077
[25] EN
[54] GASOLINE TANK ADAPTER
[54] ADAPTATEUR DE RESERVOIR D'ESSENCE
[72] HANSEN, MARK G., CA
[73] HANSEN, MARK G., CA
[22] 1998-02-04

[11] 2,228,655
[13] C

[51] Int.Cl. 6C07D 403/06 6C07D 239/30 6C07D 239/36 6A61K 31/505
[25] EN
[54] PREPARATION OF TRIAZOLES BY ORGANOMETALLIC ADDITION TO KETONES
[54] PREPARATION DE TRIAZOLES PAR ADDITION DE REACTIFS ORGANOMETALLIQUES A DES CETONES ET INTERMEDIAIRES PREVUS A CET EFFET
[72] PETTMAN, ALAN JOHN, GB
[72] BUTTERS, MICHAEL, GB
[72] HARRISON, JULIE ANN, GB
[73] PFIZER RESEARCH AND DEVELOPMENT COMPANY, N.V./S.A., IE
[85] 1998-02-04
[86] 1996-07-26 (PCT/EP1996/003376)
[87] (WO1997/006160)
[30] GB (9516121.2) 1995-08-05

[11] 2,228,868
[13] C

[51] Int.Cl. 6B08B 9/02
[25] EN
[54] FEED CONTROL DEVICE FOR PLUMBING TOOLS
[54] COMMANDE D'AVANCEMENT POUR OUTILS DE PLOMBERIE
[72] RUTKOWSKI, MICHAEL J., US
[72] DUNKIN, JON R., US
[73] EMERSON ELECTRIC CO., US
[22] 1998-03-09
[30] US (08/901,653) 1997-07-28

[11] 2,229,431
[13] C

[51] Int.Cl. 6B65H 18/22 6B65H 16/06 6B65H 18/06 6B65H 16/10 6B65H 18/10 6B65H 19/12 6B65H 18/26 6B65H 19/30
[25] EN
[54] REELING DEVICE AND METHOD IN REELING OF A PAPER WEB OR EQUIVALENT
[54] BOBINEUSE ET METHODE DE BOBINAGE D'UNE BANDE DE PAPIER OU L'EQUIVALENT
[72] AIRIOLA, SAMI-JUSSI, FI
[72] VERAJANKORVA, JANNE, FI
[72] KOJO, TEPPU, FI
[73] METSO PAPER, INC., FI
[22] 1998-02-13
[30] FI (970610) 1997-02-13

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,230,608**
[13] C

[51] **Int.Cl. 6E04C 2/26 6B28B 23/00 6E04C 2/32**
[25] EN
[54] **CONCRETE-MADE PANEL AND METHOD OF FABRICATING THE SAME**
[54] **PANNEAU DE BETON ET SON PROCEDE DE PRODUCTION**
[72] NAKAMURA, MITSUO, JP
[73] JOIST CO., LTD., JP
[85] 1998-02-26
[86] 1997-06-20 (PCT/JP1997/002141)
[87] (WO1998/002304)
[30] JP (8-203137) 1996-07-12

[11] **2,233,262**
[13] C

[51] **Int.Cl. 6C09K 11/06 6A61K 7/021 6A61K 7/043 6A61K 7/13 6A61K 7/42 6A61K 7/48**
[25] FR
[54] **UTILISATION D'UN COMPOSANT PARTICULIER POUR AMELIORER LE PHOTOCHROMISME D'UN COMPOSE INITIALEMENT PHOTOCHROME**
[54] **USE OF A SPECIFIC COMPONENT TO IMPROVE THE PHOTOCHROMISM OF A COMPOUND THAT IS ALREADY PHOTOCHROMIC**
[72] REMY, CHRISTOPHE, FR
[73] L'OREAL, FR
[22] 1998-01-12
[30] FR (97 00 214) 1997-01-10

[11] **2,235,787**
[13] C

[51] **Int.Cl. 6B26B 25/00 6E04F 21/32**
[25] EN
[54] **WINDOW REPAIR TOOL**
[54] **OUTIL A REPARER LES FENETRES**
[72] SMITH, RICHARD A., US
[73] RSKB, US
[85] 1998-04-23
[86] 1996-10-23 (PCT/US1996/017020)
[87] (WO1997/015424)
[30] US (08/546,931) 1995-10-23

[11] **2,237,341**
[13] C

[51] **Int.Cl. 6A01B 29/00 6E01C 19/25**
[25] EN
[54] **FOLDABLE AGRICULTURAL ROLLER**
[54] **ROULEAU AGRICOLE PLIABLE**
[72] BERNIER, ANDRE, CA
[73] BERNIER, ANDRE, CA
[22] 1998-05-11

[11] **2,237,965**
[13] C

[51] **Int.Cl. 6A47L 9/00**
[25] EN
[54] **UPRIGHT TYPE VACUUM CLEANER CAPABLE OF SWITCHING BETWEEN SUCTION PATH CORRESPONDING TO PLACE TO BE CLEANED**
[54] **ASPIRATEUR VERTICAL A POSSIBILITE DE SELECTION ENTRE DEUX CANAUX D'ASPIRATION EN FONCTION DE L'ENDROIT A NETTOYER**
[72] KAJIHARA, SHINICHIRO, JP
[72] NISHINAKA, NOBORU, JP
[72] KITO, KAZUO, JP
[73] SHARP KABUSHIKI KAISHA, JP
[22] 1998-05-19
[30] JP (9-131087) 1997-05-21

[11] **2,238,099**
[13] C

[51] **Int.Cl. 6A46B 5/02**
[25] EN
[54] **DENTAL INSTRUMENT WITH IMPROVED GRIP**
[54] **INSTRUMENT DENTAIRE A PRISE AMELIOREE**
[72] YOST, KEVIN G., US
[72] ACHEPOHL, H. ALLEN, US
[72] KOEPEL, SCOTT H., US
[72] YABLONG, JUDITH M., US
[73] JOHN O. BUTLER COMPANY, US
[22] 1998-05-20
[30] US (08/962,463) 1997-10-31

[11] **2,239,318**
[13] C

[51] **Int.Cl. 6C09K 7/06 6E21B 43/26**
[25] EN
[54] **IMPROVED HYDROCARBON GELLING COMPOSITIONS USEFUL IN FRACTURING FORMATIONS**
[54] **HYDROCARBURES GELIFIANTS AMELIORES SERVANT AUX FORMATIONS DE FRACTURATION**
[72] GEIB, GEORGE GREGORY, US
[73] ETHOX CHEMICALS LLC, US
[22] 1998-05-29

[11] **2,239,400**
[13] C

[51] **Int.Cl. 6A61C 15/04**
[25] EN
[54] **MEDICATED DENTAL FLOSS**
[54] **SOIE DENTAIRE MEDICAMENTEUSE**
[72] MARCON, ROBERT VICTOR, CA
[73] MARCON, ROBERT VICTOR, CA
[22] 1998-07-09
[30] US (60/052,165) 1997-07-10

[11] **2,239,498**
[13] C

[51] **Int.Cl. 6A61K 35/12 6C12N 5/00**
[25] EN
[54] **BIOARTIFICIAL DEVICES AND CELLULAR MATRICES THEREFOR**
[54] **DISPOSITIFS BIOARTIFICIELS ET MATRICES CELLULAIRES POUR LESDITS DISPOSITIFS**
[72] USALA, ANTON-LEWIS, US
[73] ENCELLE, INC., US
[85] 1998-06-04
[86] 1996-11-14 (PCT/US1996/018209)
[87] (WO1997/020569)
[30] US (08/568,694) 1995-12-07

[11] **2,240,551**
[13] C

[51] **Int.Cl. 6G02B 6/10 6F21V 8/00**
[25] EN
[54] **LIGHT DISTRIBUTING TUBES AND METHODS OF FORMING SAME**
[54] **TUBES D'ECLAIRAGE ET METHODE DE FABRICATION CONNEXE**
[72] JOHANSON, WALTER A., US
[73] JOHANSON, WALTER A., US
[22] 1998-06-12
[30] US (60/050,021) 1997-06-13
[30] US (08/975,339) 1997-11-20

Canadian Patents Issued
September 9, 2003

[11] 2,242,133
[13] C

[51] Int.Cl. 6F04B 43/12
[25] EN
[54] SQUEEZE PUMP HAVING
IMPROVED ROLLERS
[54] POMPE PERISTALTIQUE A
ROULEAUX AMELIORES
[72] IWATA, NOBORU, JP
[73] DAIICHI TECHNO CO., LTD., JP
[22] 1998-06-30
[30] US (08/886,686) 1997-07-01

[11] 2,243,133
[13] C

[51] Int.Cl. 6G01R 29/26 6H04B 17/00
6H04Q 7/34
[25] EN
[54] S/N MEASURING CIRCUIT AND
METHOD, TRANSMITTING ELECTRIC
POWER CONTROL APPARATUS AND
DIGITAL COMMUNICATING SYSTEM
[54] CIRCUIT DE MESURE D'UN
RAPPORT SIGNAL/BRUIT ET
METHODE, APPAREIL DE
REGULATION DE L'ENERGIE
ELECTRIQUE TRANSMISE ET
SYSTEME DE COMMUNICATION
NUMERIQUE
[72] USHIROKAWA, AKIHISA, JP
[72] YOSHIDA, SHOUSEI, JP
[72] MIZUGUCHI, HIRONORI, JP
[73] NEC CORPORATION, JP
[22] 1998-07-10
[30] JP (9-186388) 1997-07-11

[11] 2,244,298
[13] C

[51] Int.Cl. 6H04M 3/42 6H04Q 3/42
[25] EN
[54] TRANSPARENT PROTECTED
ACCESS TO CORPORATE DIALING
PLAN
[54] ACCES PROTEGE TRANSPARENT
A UN PLAN DE NUMEROTATION
D'ENTREPRISE
[72] JOHNSON, RICHARD, US
[72] O'SHAUGHNESSEY, PATRICK, US
[72] LOWERY, TED, US
[72] MCINTEE, MARK J., US
[73] NORTEL NETWORKS LIMITED, CA
[22] 1998-07-28
[30] US (08/903,441) 1997-07-30

[11] 2,244,867
[13] C

[51] Int.Cl. 6A61K 39/39 6A61K 39/00
6A61K 38/19
[25] EN
[54] COMPOSITIONS CONTAINING
IMMUNOGENIC MOLECULES AND
GRANULOCYTE-MACROPHAGE
COLONY STIMULATING FACTOR, AS
AN ADJUVANT
[54] COMPOSITIONS CONTENANT
DES MOLECULES IMMUNOGENES ET
FACTEUR DE STIMULATION DE
COLONIE DE GRANULOCYTES-
MACROPHAGES EN TANT
QU'ADJUVANT
[72] KNUTH, ALEXANDER, DE
[72] JAGER, ELKE, DE
[73] LUDWIG INSTITUTE FOR CANCER
RESEARCH, US
[85] 1998-07-31
[86] 1997-01-28 (PCT/US1997/001249)
[87] (WO1997/028816)
[30] US (08/598,909) 1996-02-09

[11] 2,247,539
[13] C

[51] Int.Cl. 6A22C 17/16
[25] EN
[54] METHOD AND APPARATUS FOR
CLEANING ANIMAL INTESTINES
[54] METHODE ET APPAREIL DE
NETTOYAGE D'INTESTINS
D'ANIMAUX
[72] BURKE, THOMAS J., US
[73] M&P CHITLIN COMPANY, INC., US
[22] 1998-09-16
[30] US (08/931,797) 1997-09-16

[11] 2,248,953
[13] C

[51] Int.Cl. 6C07D 307/83 6C07D 405/06
6C07D 407/06 6A61K 31/34 6A61K 31/40
[25] EN
[54] NOVEL BENZOFURANONE
DERIVATIVES AND PROCESS FOR
PRODUCING THE SAME
[54] NOUVEAUX DERIVES DE
BENZOFURANONE ET PROCEDE
D'ELABORATION
[72] NAKAKOSHI, MASAMICHI, JP
[72] YOSHIHAMA, MAKOTO, JP
[72] NAKAMURA, JUNJI, JP
[72] NAKAYAMA, SHOJI, JP
[73] DAIICHI PHARMACEUTICAL CO.,
LTD., JP
[85] 1998-09-14
[86] 1998-01-13 (PCT/JP1998/000090)
[87] (WO1998/030556)
[30] JP (9-15991) 1997-01-14
[30] JP (9-225565) 1997-08-08

[11] 2,249,141
[13] C

[51] Int.Cl. 6H04L 12/52 6H04L 12/46
6H04Q 3/545
[25] EN
[54] METHOD AND APPARATUS FOR
INTEGRATED SERVICES DIGITAL
NETWORK USER PART (ISUP)
SIGNALING LOOPBACK
[54] METHODE ET APPAREIL DE
BOUCLAGE DE SIGNALISATION
POUR SOUS-SYSTEME UTILISATEUR
DE RESEAU NUMERIQUE A
INTEGRATION DE SERVICES (SSUR
RNIS)
[72] HEWETT, JEFFREY ALLEN, US
[72] CHAPMAN, KEVEN TODD, US
[73] NORTEL NETWORKS LIMITED, CA
[22] 1998-10-01
[30] US (08/974,222) 1997-11-19

[11] 2,250,900
[13] C

[51] Int.Cl. 6G01S 5/14
[25] EN
[54] POSITIONING SYSTEM AND
METHOD
[54] SYSTEME ET PROCEDE DE
POSITIONNEMENT GLOBAL
[72] SCHUPAK, LEONARD, US
[72] SPEASL, JERRY ALAN, US
[73] DISCOVISION ASSOCIATES, US
[85] 1998-10-02
[86] 1997-01-29 (PCT/US1997/001486)
[87] (WO1997/038326)
[30] US (08/628,360) 1996-04-05

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,251,093**
[13] C

[51] **Int.Cl. 6C08J 9/14 6C09K 3/30**
[25] EN
[54] **AZEOTROPE-LIKE COMPOSITIONS OF 1,1,1,3,3-PENTAFLUOROPROPANE AND HYDROCARBONS**
[54] **COMPOSITIONS DE TYPE AZEOTROPIQUE DE 1,1,1,3,3-PENTAFLUOROPROPANE ET D'HYDROCARBURES**
[72] LUND, EARL AUGUST EUGENE (DECEASED), US
[72] PARKER, ROBERT CHRISTIAN, US
[72] SHANKLAND, IAN ROBERT, US
[73] ALLIEDSIGNAL INC., US
[85] 1998-10-08
[86] 1997-04-02 (PCT/US1997/005473)
[87] (WO1997/038045)
[30] US (08/630,239) 1996-04-10

[11] **2,252,973**
[13] C

[51] **Int.Cl. 6H04N 7/16 6G09G 5/00**
[25] EN
[54] **DIGITAL INFORMATION SYSTEM**
[54] **SYSTEME D'INFORMATIONS NUMERIQUE**
[72] HYLIN, MATS, SE
[72] DAHLGREN, MATS, SE
[72] JONASON, JOAKIM, SE
[73] DHJ MEDIA AB, SE
[85] 1998-10-19
[86] 1997-04-23 (PCT/SE1997/000684)
[87] (WO1997/041546)
[30] SE (9601603-5) 1996-04-26
[30] US (08/676,517) 1996-07-02
[30] SE (9700250-5) 1997-01-29

[11] **2,253,015**
[13] C

[51] **Int.Cl. 6B41J 2/175**
[25] EN
[54] **INK CONTAINER, INK JET HEAD HAVING INK CONTAINER, INK JET APPARATUS HAVING INK CONTAINER, AND MANUFACTURING METHOD FOR INK CONTAINER**
[54] **CONTENANT D'ENCRE, TETE D'IMPRESSION PAR JET D'ENCRE, AYANT UN CONTENANT D'ENCRE, APPAREIL A JET D'ENCRE AYANT UN CONTENANT D'ENCRE, ET METHODE DE FABRICATION D'UN CONTENANT D'ENCRE**
[72] IKEDA, MASAMI, JP
[72] HIGUMA, MASAHIKO, JP
[72] SUGITANI, HIROSHI, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1995-07-05
[62] 2,153,301
[30] JP (155076/1994(PAT.)) 1994-07-06
[30] JP (179505/1994(PAT.)) 1994-07-06

[11] **2,254,472**
[13] C

[51] **Int.Cl. 6H01R 13/04 6H01R 19/00**
[25] EN
[54] **RANGE PLUG**
[54] **FICHE DE GAMME**
[72] BLANCHE, STEPHEN ARTHUR, US
[72] VARATTA, THOMAS ROBERT, US
[73] ETCO INCORPORATED, US
[22] 1998-11-24
[30] US (08/982,921) 1997-12-02

[11] **2,255,530**
[13] C

[51] **Int.Cl. 6C08L 35/00 6C09D 135/00 6C08J 7/04 6C08K 5/54**
[25] EN
[54] **BARRIER LAYER COMPOSITION FOR PLASTIC BODIES**
[54] **COMPOSITION DE COUCHE BARRIERE POUR DES CORPS EN PLASTIQUE**
[72] KNOBLOCH, PETER, DE
[72] MULLER, HANS-JURGEN, DE
[72] PROBST, WERNER, DE
[72] ROTH, CHRISTOPH, DE
[73] FEW FORSCHUNGS- UND ENTWICKLUNGSGESELLSCHAFT WOLFEN MBH, DE
[73] PLASTIC OMNIUM GMBH, DE
[22] 1998-12-07
[30] DE (197 54 456.8) 1997-12-08

[11] **2,257,286**
[13] C

[51] **Int.Cl. 6A61F 13/06 6A61F 5/32**
[25] EN
[54] **THERAPEUTIC COMPRESSION GARMENT**
[54] **VETEMENT DE COMPRESSION THERAPEUTIQUE**
[72] BUNDENS, WARNER P., US
[72] ROGERS, AARON M., US
[72] SHAW, SANDRA ANNE, US
[73] CIRCAID MEDICAL PRODUCTS, INC., US
[85] 1998-11-30
[86] 1997-06-03 (PCT/US1997/010862)
[87] (WO1997/046181)
[30] US (08/658,519) 1996-06-04
[30] US (08/724,991) 1996-10-04
[30] US (08/747,605) 1996-11-12

[11] **2,261,101**
[13] C

[51] **Int.Cl. 6E05B 47/06 6E05B 17/22**
[25] EN
[54] **LOCKING MECHANISM FOR AN APPLIANCE DOOR**
[54] **MECANISME DE VERROUILLAGE POUR PORTE D'APPAREIL MENAGER**
[72] VANDE HAAR, EVAN R., US
[72] OSTDIEK, STEPHEN D., US
[72] WINDERS, MICHAEL W., US
[73] MAYTAG CORPORATION, US
[22] 1999-02-03
[30] US (09/037,955) 1998-03-11

[11] **2,262,651**
[13] C

[51] **Int.Cl. 6B65F 3/04**
[25] EN
[54] **CONTAINER GRABBING DEVICE**
[54] **DISPOSITIF POUR SAISIR DES CONTENEURS**
[72] CHRISTENSON, RONALD E., US
[73] MCNEILUS TRUCK AND MANUFACTURING, INC., US
[85] 1999-02-05
[86] 1997-04-09 (PCT/US1997/005877)
[87] (WO1998/012129)
[30] US (08/716,999) 1996-09-20

Canadian Patents Issued
September 9, 2003

[11] **2,263,566**
[13] C
[51] Int.Cl. 6C07D 487/04 6C07D 519/00
6C07D 471/04 6C07D 495/04 6C07D 498/
04 6C07D 513/04 6C07D 491/048 6A61K
31/435 6A61K 31/495 6A61K 31/53
[25] EN
[54] **SUBSTITUTED 6,5-HETERO-
BICYCLIC DERIVATIVES**
[54] **DERIVES 6,5-HETERO-
BICYCLIQUES SUBSTITUES**
[72] CHEN, YUHPYNG LIANG, US
[73] PFIZER INC., US
[85] 1999-02-15
[86] 1997-07-25 (PCT/IB1997/000922)
[87] (WO1998/008847)
[30] US (60/025,039) 1996-08-28

[11] **2,263,783**
[13] C
[51] Int.Cl. 6H01L 41/22
[25] EN
[54] **METHOD FOR POLING A
CERAMIC PIEZOELECTRIC PLATE**
[54] **PROCEDE POUR POLARISER
PLAQUE PIEZOELECTRIQUE EN
CERAMIQUE**
[72] PALIFKA, ROBERT G., US
[72] HOISINGTON, PAUL A., US
[72] GAILUS, DAVID W., US
[72] PAULSON, BRUCE A., US
[72] MACKAY, DIANE, US
[72] BARSS, STEVEN H., US
[72] MCDONALD, MARLENE M., US
[72] MOYNIHAN, EDWARD R., US
[72] HINE, NATHAN P., US
[72] MACKAY, STEPHEN C., US
[72] BIGGS, MELVIN L., US
[72] ADAMS-BRADY, DAVID, US
[73] SPECTRA, INC., US
[22] 1995-03-17
[62] 2,163,369
[30] US (08/215,301) 1994-03-21

[11] **2,264,461**
[13] C
[51] Int.Cl. 6H04L 12/18
[25] EN
[54] **IEEE-1394 SERIAL BUS NETWORK
CAPABLE OF MULTICAST
COMMUNICATION**
[54] **IEEE-1394 - RESEAU BUS EN SERIE
CAPABLE D'EFFECTUER DES
COMMUNICATIONS
MULTIDESTINATAIRES**
[72] MOMONA, MORIHISA, JP
[73] NEC CORPORATION, JP
[22] 1999-03-05
[30] JP (10-055166) 1998-03-06

[11] **2,265,264**
[13] C
[51] Int.Cl. 6F16B 13/06
[25] EN
[54] **ANCHOR BOLT WITH AN
EXPANSION CORE**
[54] **BOULON D'ANCRAGE AVEC
NOYAU D'EXPANSION**
[72] BARTHOMEUF, JEAN-PAUL, FR
[72] GAUTHIER, ALAIN, FR
[73] SOCIETE DE PROSPECTION ET
D'INVENTIONS TECHNIQUES S.P.I.T.,
FR
[22] 1999-03-11
[30] FR (98 03176) 1998-03-16

[11] **2,266,810**
[13] C
[51] Int.Cl. 6H04Q 7/30 6H04B 7/005
6H04Q 7/22
[25] EN
[54] **METHOD OF CONTROLLING
TRANSMISSION POWER IN
CELLULAR SYSTEM AND BASE
STATION APPARATUS**
[54] **METHODE DE CONTROLE DE LA
PUISSANCE D'EMISSION D'UN
SYSTEME CELLULAIRE ET APPAREIL
DE STATION DE BASE**
[72] HAMABE, KOJIRO, JP
[73] NEC CORPORATION, JP
[22] 1999-03-24
[30] JP (081862/98) 1998-03-27
[30] JP (018815/99) 1999-01-27

[11] **2,268,577**
[13] C
[51] Int.Cl. 6B65D 3/12 6B65D 3/26
[25] EN
[54] **TUBULAR CONTAINER WITH
HEAT SEAL HAVING AN INNER AND
OUTER BEAD AND METHOD OF
MANUFACTURING SAID CONTAINER**
[54] **CONTENANT TUBULAIRE DOTE
D'UN JOINT THERMIQUE
PRESENTANT UNE NERVURE
INTERIEURE ET EXTERIEURE -
METHODE DE FABRICATION DE CE
CONTENANT**
[72] WILLIAMS, ALAN D., US
[72] DRUMMOND, MICHAEL T., US
[73] SONOCO DEVELOPMENT, INC., US
[22] 1999-04-12
[30] US (09/065,783) 1998-04-23

[11] **2,269,031**
[13] C
[51] Int.Cl. 6A61K 31/415 6A61K 31/405
[25] EN
[54] **TREATMENT OF URINARY
INCONTINENCE AND COMPOSITIONS
FOR USE THEREIN**
[54] **TRAITEMENT DE
L'INCONTINENCE D'URINE ET
COMPOSITIONS A CET USAGE**
[72] MCMICHAEL, JOHN, US
[73] MILKHAUS LABORATORY, INC.,
US
[85] 1999-04-16
[86] 1997-10-16 (PCT/US1997/018601)
[87] (WO1998/016225)
[30] US (08/731,702) 1996-10-17

[11] **2,270,774**
[13] C
[51] Int.Cl. 6H04L 5/00 6H04L 27/00
[25] EN
[54] **MULTI-CARRIER TRANSMISSION
WITH BIT RATE VARIATION IN A
NOISE ENVIRONMENT**
[54] **TRANSMISSION
MULTIPORTEUSE AVEC VARIATION
DE DEBIT BINAIRE DANS UN
ENVIRONNEMENT BRUYANT**
[72] OKAMURA, YUSAKU, JP
[73] NEC CORPORATION, JP
[22] 1999-05-04
[30] JP (10-126522) 1998-05-08
[30] JP (11-072768) 1999-03-17

[11] **2,271,584**
[13] C
[51] Int.Cl. 6B24B 19/00
[25] EN
[54] **MULTI TASK GRINDING WHEEL
MACHINE**
[54] **MEULE A DOUBLE FONCTION**
[72] FABRIS, MARIO, CA
[73] FABRIS, MARIO, CA
[22] 1999-05-12

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,272,189**
[13] C

[51] **Int.Cl. 6H04Q 7/36**
[25] EN
[54] **HOME LOCATION REGISTER CONTROLLER CAPABLE OF DEALING WITH CONGESTION WITHOUT RESTRICTION OF ACCESS**
[54] **UNITE DE COMMANDE D'UN ENREGISTREUR DE LOCALISATION NOMINAL POUVANT CONTOURNER LES ENCOMBREMENTS SANS QU'IL N'Y AIE RESTRICTION D'ACCES**
[72] FUJIMICHI, HIROSHI, JP
[73] NEC CORPORATION, JP
[22] 1999-05-17
[30] JP (135637/1998) 1998-05-18

[11] **2,272,423**
[13] C

[51] **Int.Cl. 7H04Q 7/36 7H04J 13/00 7H04B 7/216**
[25] EN
[54] **MOBILE STATION APPARATUS AND ITS OPEN LOOP TRANSMISSION POWER CONTROL METHOD IN WIRELESS COMMUNICATION SYSTEM**
[54] **DISPOSITIF DE COMMUNICATION MOBILE**
[72] KATO, OSAMU, JP
[72] WATANABE, MASATOSHI, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 1999-05-17
[86] 1997-09-19 (PCT/JP1997/003319)
[87] (WO1999/016189)

[11] **2,272,691**
[13] C

[51] **Int.Cl. 6A61M 25/00 6A61B 17/00 6A61M 25/06**
[25] EN
[54] **MULTIPLE LUMEN ACCESS DEVICE**
[54] **DISPOSITIF D'ACCES A PLUSIEURS LUMIERES**
[72] PECOR, ROBERT, US
[72] MOONEY, CHARLES, US
[72] BOBO, DONALD E., JR., US
[72] HIGGINS, MICHAEL J., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 1999-05-25
[86] 1997-11-20 (PCT/US1997/021253)
[87] (WO1998/024501)
[30] US (08/756,763) 1996-11-26
[30] US (08/953,105) 1997-10-17

[11] **2,273,433**
[13] C

[51] **Int.Cl. 6B29C 45/47 6B29C 45/72**
[25] EN
[54] **MELT BLEEDER EXTRUDER**
[54] **EXTRUDEUSE EVACUANT LA MATIERE FONDUE**
[72] BARR, ROBERT A., US
[73] BARR, ROBERT A., US
[22] 1999-06-01

[11] **2,275,704**
[13] C

[51] **Int.Cl. 6G01R 33/20**
[25] EN
[54] **THERMAL BUFFERING OF CROSS-COILS IN HIGH-POWER NMR DECOUPLING**
[54] **TAMPONNAGE THERMIQUE DE BOBINES CROISEES EN DECOUPLAGE RMN A GRANDE PUISSANCE**
[72] DOTY, F. DAVID, US
[72] ENTZMINGER, GEORGE JR., US
[73] DOTY SCIENTIFIC, INC., US
[85] 1999-06-22
[86] 1997-12-19 (PCT/US1997/023645)
[87] (WO1998/030917)
[30] US (60/033,907) 1996-12-23

[11] **2,276,487**
[13] C

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **THIN COMFORTABLE INTERLABIAL ABSORBENT STRUCTURE**
[54] **STRUCTURE INTERLABIALE ABSORBANTE CONFORTABLE**
[72] MILBRADA, EDWARD JOHN, US
[72] OSBORN, THOMAS WARD III, US
[72] HINES, LETHA MARGORY, US
[72] MAYER, KATHERINE LOUISE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-06-30
[86] 1997-12-22 (PCT/US1997/023833)
[87] (WO1998/029078)
[30] US (08/778,521) 1997-01-03

[11] **2,276,842**
[13] C

[51] **Int.Cl. 6H04Q 7/36**
[25] EN
[54] **A METHOD OF SUBSCRIBER DATA CONTROL IN A MOBILE COMMUNICATION NETWORK**
[54] **METHODE DE CONTROLE DES DONNEES SUR LES ABONNES DANS UN RESEAU DE TELECOMMUNICATION MOBILE**
[72] SHIMBORI, TAKATERU, JP
[73] NEC CORPORATION, JP
[22] 1999-06-30
[30] JP (187776/1998) 1998-07-02
[30] JP (56194/1999) 1999-03-03
[30] JP (123171/1999) 1999-04-28

[11] **2,277,229**
[13] C

[51] **Int.Cl. 6H04L 29/06**
[25] EN
[54] **COMMUNICATION QUALITY CONTROL SYSTEM**
[54] **SYSTEME POUR CONTROLER LA QUALITE DES COMMUNICATIONS**
[72] ARUTAKI, AKIRA, JP
[72] SERA, TAKAFUMI, JP
[72] YAMADA, KENSHIN, JP
[73] NEC CORPORATION, JP
[22] 1999-07-08
[30] JP (10-210387) 1998-07-09

[11] **2,277,411**
[13] C

[51] **Int.Cl. 6H01M 10/04**
[25] EN
[54] **POLYMER SECONDARY BATTERY AND METHOD OF MAKING SAME**
[54] **BATTERIE SECONDAIRE FAITE EN POLYMER ET SA METHODE DE FABRICATION**
[72] FUJIWARA, MASAKI, JP
[72] NISHIYAMA, TOSHIHIKO, JP
[72] HARADA, GAKU, JP
[72] OKADA, SHINAKO, JP
[73] NEC TOKIN CORPORATION, JP
[22] 1999-07-08
[30] JP (195838/1998) 1998-07-10

Canadian Patents Issued
September 9, 2003

[11] **2,277,994**
[13] C
[51] **Int.Cl. 6F23Q 7/22**
[25] EN
[54] **MATCH HEAD CERAMIC
IGNITER AND METHOD OF USING
SAME**
[54] **ALLUMEUR EN CERAMIQUE A
CHALEUR ADAPTEE ET METHODE
D'UTILISATION**
[72] WILLKENS, CRAIG A., US
[72] BATEMAN, LINDA S., US
[73] SAINT-GOBAIN INDUSTRIAL
CERAMICS, INC., US
[85] 1999-07-15
[86] 1997-12-22 (PCT/US1997/023829)
[87] (WO1998/033017)
[30] US (08/789,033) 1997-01-27

[11] **2,282,987**
[13] C
[51] **Int.Cl. 6B23P 19/04 6E04C 3/04**
[25] EN
[54] **TRUSS TABLE WITH FLIPPER
AND METHOD OF USE**
[54] **TABLE A BASCULE POUR LA
FABRICATION DE FERMES ET
METHODE D'UTILISATION**
[72] HAASE, CHRISTOPHER L., US
[73] MITEK HOLDINGS, INC., US
[22] 1999-09-21

[11] **2,283,555**
[13] C
[51] **Int.Cl. 6F16L 47/06 6F16L 21/035
6F16L 37/08**
[25] EN
[54] **METAL TO PLASTIC PIPE
TRANSITION FITTING**
[54] **RACCORD DE TRANSITION
METALLIQUE DE TUYAU EN
PLASTIQUE**
[72] SPRINGER, RICHARD E., US
[73] CENTRAL PLASTICS COMPANY, US
[22] 1999-09-24
[30] US (09/162,371) 1998-09-28

[11] **2,284,854**
[13] C
[51] **Int.Cl. 6B01J 8/24 6F23C 11/02**
[25] EN
[54] **CIRCULATING FLUIDIZED BED
REACTOR WITH FLOORED
INTERNAL PRIMARY PARTICLE
SEPARATOR**
[54] **REACTEUR DE LIT FLUIDISE
CIRCULANT AVEC SEPARATEUR
INTERNE DE PARTICULES
PRIMAIRES AU PLANCHER**
[72] BELIN, FELIX, US
[72] WALKER, DAVID J., US
[72] MARYAMCHIK, MIKHAIL, US
[72] ALEXANDER, KIPLIN C., US
[73] THE BABCOCK & WILCOX
COMPANY, US
[22] 1999-10-05
[30] US (09/206,353) 1998-12-07

[11] **2,288,892**
[13] C
[51] **Int.Cl. 6G06F 15/163**
[25] EN
[54] **METHOD FOR PREVENTING
BUFFER DEADLOCK IN DATAFLOW
COMPUTATIONS**
[54] **PROCEDE PERMETTANT DE
PREVENIR UN INTERBLOCAGE DE
TAMPONS DANS DES CALCULS DE
FLUX DE DONNEES**
[72] STANFILL, CRAIG W., US
[72] LASSER, CLIFFORD A., US
[73] AB INITIO SOFTWARE
CORPORATION, US
[85] 1999-10-26
[86] 1998-04-28 (PCT/US1998/008559)
[87] (WO1998/049628)
[30] US (08/847,909) 1997-04-28

[11] **2,289,419**
[13] C
[51] **Int.Cl. 7H01R 39/04 7H02K 13/10
7H01R 39/32**
[25] EN
[54] **CARBON COMMUTATOR**
[54] **COLLECTEUR AU CARBONE**
[72] HOTTA, TOKIO, JP
[72] SAKAURA, YOICHI, JP
[72] YOSHIKAWA, NOBORU, JP
[73] TRIS INC., JP
[22] 1999-11-12
[30] JP (10-323666) 1998-11-13

[11] **2,290,340**
[13] C
[51] **Int.Cl. 7C09C 1/62**
[25] EN
[54] **PROCESS FOR PREPARING
WATER RESISTANT LUMINOUS
PIGMENTS**
[54] **METHODE DE PREPARATION DE
PIGMENTS LUMINESCENTS
RESISTANT A L'EAU**
[72] KITAGAWA, YOSUKE, JP
[72] HOSHIKAWA, RYUICHI, JP
[73] MATSUI SHIKISO CHEMICAL CO.,
LTD., JP
[85] 1999-11-17
[86] 1999-10-07 (PCT/JP1999/005541)
[87] (WO2001/027220)

[11] **2,290,503**
[13] C
[51] **Int.Cl. 7F28F 25/08**
[25] EN
[54] **FILM FILL-PACK FOR
INDUCEMENT OF SPIRALING GAS
FLOW IN HEAT AND MASS TRANSFER
CONTACT APPARATUS WITH SELF-
SPACING FILL-SHEETS**
[54] **PELLICULE DE CARTOUCHE DE
REMPLISSAGE SERVANT A ACTIVER
L'ECOULEMENT SPIRAL DE GAZ
DANS UN APPAREIL DE TRANSFERT
DE CHALEUR ET DE MASSE PAR
CONTACT EQUIPE DE LAMES DE
REMPLISSAGE A ESPACEMENT
AUTOMATIQUE**
[72] FERRARI, SARAH L., US
[72] CARTER, THOMAS P., US
[72] GARRISH, BRYAN F., US
[72] HARRISON, RICHARD H., US
[73] BALTIMORE AIRCOIL COMPANY,
INCORPORATED, US
[22] 1999-11-25
[30] US (09/200,546) 1998-11-25

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,290,712**
[13] C

[51] **Int.Cl. 7C07D 401/14 7A61P 31/04 7A61K 31/4709**
[25] EN
[54] **NOVEL PYRIDONECARBOXYLIC ACID DERIVATIVES OR THEIR SALTS, AND ANTIBACTERIAL AGENTS CONTAINING THE SAME AS THEIR EFFECTIVE COMPONENTS**
[54] **NOUVEAUX DERIVES DE L'ACIDE PYRIDONE-CARBOXYLIQUE OU LEURS SELS ET AGENT ANTIBACTERIEN LES CONTENANT COMME INGREDIENT ACTIF**
[72] NIINO, YOSHIKO, JP
[72] HAYASHI, NORIHIRO, JP
[72] AMANO, HIROTAKA, JP
[72] KURAMOTO, YASUHIRO, JP
[72] OHSHITA, YOSHIHIRO, JP
[72] YAZAKI, AKIRA, JP
[72] HIRAO, YUZO, JP
[73] WAKUNAGA PHARMACEUTICAL CO., LTD., JP
[22] 1996-09-20
[62] 2,232,728
[30] JP (7/269280) 1995-09-22
[30] JP (8/178462) 1996-06-19

[11] **2,295,954**
[13] C

[51] **Int.Cl. 7B32B 27/34 7F16L 11/04 7B32B 27/18**
[25] FR
[54] **STRUCTURE MULTICOUCHE A BASE DE POLYAMIDES ET TUBE OU CONDUIT A STRUCTURE MULTICOUCHE**
[54] **MULTILAYER STRUCTURE BASED ON POLYAMIDES AND TUBE OR CONDUIT WITH MULTILAYER STRUCTURE**
[72] PEDUTO, NICOLANGELO, IT
[72] SPERONI, FRANCO, IT
[73] RHODIA ENGINEERING PLASTICS S.R.L., IT
[85] 1999-12-24
[86] 1998-06-24 (PCT/EP1998/003859)
[87] (WO1999/001280)
[30] FR (97/08688) 1997-07-03

[11] **2,299,000**
[13] C

[51] **Int.Cl. 7F24F 13/06 7F24F 13/075**
[25] EN
[54] **MODULAR CORE AIR DIFFUSERS**
[54] **DIFFUSEURS D'AIR MODULAIRES DE PLAFOND**
[72] FELSEN, KARL H., CA
[73] E.H. PRICE LIMITED, CA
[22] 2000-02-21
[30] US (09/257,865) 1999-02-26

[11] **2,299,933**
[13] C

[51] **Int.Cl. 7G01N 27/417 7G01F 9/00 7G01N 27/409**
[25] EN
[54] **CONTROL DEVICE FOR AN AIR-FUEL RATIO SENSOR**
[54] **DISPOSITIF DE COMMANDE POUR DETECTEUR DE RAPPORT AIR/CARBURANT**
[72] AOKI, KEIICHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2000-03-03
[30] JP (HEI 11-057322) 1999-03-04

[11] **2,300,261**
[13] C

[51] **Int.Cl. 7E21C 49/00 7A01D 91/00**
[25] EN
[54] **METHOD FOR SELECTIVELY HARVESTING VEGETABLE RAW MATERIAL FROM A SPHAGNUM MOSS**
[54] **METHODE POUR RECOLTER SELECTIVEMENT DE LA MATIERE PREMIERE VEGETAL A PARTIR DE LA SPHAIGNE**
[72] COTE, SYLVAIN, CA
[72] LEVESQUE, YVON, CA
[72] GALLAGHER, DENIS, CA
[73] JOHNSON & JOHNSON INC., CA
[22] 1993-09-28
[62] 2,107,154
[30] US (124,907) 1993-09-21

[11] **2,300,653**
[13] C

[51] **Int.Cl. 7H04M 7/06 7H04Q 3/06**
[25] EN
[54] **ENHANCED APPLICATION TELEPHONE NETWORK**
[54] **RESEAU TELEPHONIQUE AVEC APPLICATIONS AMELIOREES**
[72] WILLIAMS, L. LLOYD, CA
[73] REVD NETWORKS, INC., CA
[22] 2000-03-14
[30] US (09/268,843) 1999-03-16

[11] **2,301,098**
[13] C

[51] **Int.Cl. 7B23P 15/26**
[25] EN
[54] **HEAT EXCHANGER ASSEMBLY UTILIZING GROMMETS AND INTEGRAL CAST TANKS**
[54] **ENSEMBLE ECHANGEUR DE CHALEUR UTILISANT DES ANNEAUX ET DES RESERVOIRS COULES INTEGRES**
[72] LAMBERT, MARCO, US
[72] KOLB, MICHAEL J., US
[73] TRANSPRO, INC., US
[85] 2000-02-14
[86] 1998-08-19 (PCT/US1998/017180)
[87] (WO1999/011421)
[30] US (08/920,304) 1997-08-28

[11] **2,303,109**
[13] C

[51] **Int.Cl. 7H04N 7/14 7H04M 3/36 7H04M 3/50**
[25] EN
[54] **REPRODUCTION OF A VOICE AND VIDEO SESSION**
[54] **REPRODUCTION D'UNE SESSION VOCALE ET VIDEO**
[72] PATTISON, JON A., US
[72] MACHALICA, DAVID, US
[72] FOX, JOHN A., US
[73] E-TALK CORPORATION, US
[85] 2000-03-13
[86] 1998-09-14 (PCT/US1998/019209)
[87] (WO1999/014952)
[30] US (08/929,490) 1997-09-15

Canadian Patents Issued
September 9, 2003

[11] **2,304,096**
[13] C
[51] Int.Cl. 7A61K 9/127 7A61K 45/06
[25] EN
[54] SUSTAINED-RELEASE
LIPOSOMAL ANESTHETIC
COMPOSITIONS
[54] COMPOSITIONS
ANESTHESIQUES DE LIPOSOMES A
LIBERATION PROLONGEE
[72] KIM, SINIL, US
[72] KIM, TAEHEE, US
[72] MURDANDE, SHARAD, US
[73] SKYEPHARMA INC., US
[85] 2000-03-17
[86] 1998-09-18 (PCT/US1998/019583)
[87] (WO1999/013865)
[30] US (60/059,233) 1997-09-18

[11] **2,306,011**
[13] C
[51] Int.Cl. 7F24F 13/10 7F16L 29/00
7F23L 13/02
[25] EN
[54] A CONNECTION COLLAR
HAVING AN ADJUSTABLE DAMPER
[54] MANCHON DE RACCORDEMENT
AVEC VOLET DE FERMETURE
REGLABLE
[72] GRINBERGS, PETER KARL, CA
[73] NUTECH ENERGY SYSTEMS INC.,
CA
[22] 2000-04-18
[30] US (09/316,951) 1999-05-24

[11] **2,306,804**
[13] C
[51] Int.Cl. 6H05B 3/78 6H05B 3/18
6H05B 3/48
[25] EN
[54] MOLDED POLYMER COMPOSITE
HEATER
[54] CORPS DE CHAUFFE EN
COMPOSITE POLYMERE MOULE
[72] JUETHNER, A. KONRAD, US
[72] STEINHAUSER, LOUIS P., US
[73] WATLOW ELECTRIC
MANUFACTURING COMPANY, US
[85] 2000-04-05
[86] 1998-10-05 (PCT/US1998/020838)
[87] (WO1999/018757)
[30] US (08/944,592) 1997-10-06

[11] **2,307,506**
[13] C
[51] Int.Cl. 7F25J 3/04
[25] EN
[54] CRYOGENIC AIR SEPARATION
SYSTEM FOR PRODUCING
MODERATE PURITY OXYGEN AND
MODERATE PURITY NITROGEN
[54] DISPOSITIF DE SEPARATION
CRYOGENIQUE DE L'AIR
PERMETTANT D'OBTENIR DE
L'OXYGENE ET DE L'AZOTE DE
PURETE MOYENNE
[72] LAU, ANDREW CHUN-PONG, US
[72] SRINIVASAN, VIJAYARAGHAVAN,
US
[72] LOCKETT, MICHAEL JAMES, US
[72] SHAH, MINISH MAHENDRA, US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-05-02
[30] US (09/09/304,102) 1999-05-04

[11] **2,309,651**
[13] C
[51] Int.Cl. 6F16J 1/00 6F16H 57/00
6F16H 61/06
[25] EN
[54] IMPROVED ACCUMULATOR
PISTON
[54] PISTON D'ACCUMULATEUR
AMELIORE
[72] DOBBS, DAVID, US
[72] PAYKIN, ALEX, US
[73] SKF USA INC., US
[85] 2000-05-09
[86] 1998-10-30 (PCT/US1998/023165)
[87] (WO1999/024741)
[30] US (08/967,790) 1997-11-10

[11] **2,314,411**
[13] C
[51] Int.Cl. 7F24C 7/08 7F24C 15/00
7F24C 3/12
[25] EN
[54] PROGRAM CONTROL AND
DISPLAY SYSTEM FOR A COOKING
APPLIANCE
[54] SYSTEME PROGRAMMABLE DE
COMMANDE ET D'AFFICHAGE POUR
APPAREIL DE CUISSON
[72] SAUTER, KENNETH E., US
[72] BENNETT, PERRY A., US
[72] BARNES, SHELTON T., US
[73] MAYTAG CORPORATION, US
[22] 2000-07-24
[30] US (09/387,736) 1999-09-01

[11] **2,314,689**
[13] C
[51] Int.Cl. 7C02F 3/04
[25] EN
[54] BIOFILTERING SYSTEM FOR
TREATING WASTEWATER
EFFLUENT
[54] SYSTEME DE BIOFILTRATION
POUR LE TRAITEMENT DES EAUX
USEES
[72] BELHUMEUR, ALBERT, CA
[73] LE GROUPE BERGER LTEE/
BERGER GROUP LTD., CA
[22] 2000-07-28
[30] CA (2,304,935) 2000-04-10

[11] **2,320,147**
[13] C
[51] Int.Cl. 6A22C 25/14 6C08B 37/08
[25] EN
[54] METHOD FOR PROCESSING FISH
HEADS AND APPARATUS FOR
SEPARATING PROCESSED FISH
HEADS
[54] PROCEDE POUR TRAITER DES
TETES DE POISSONS ET APPAREIL
POUR SEPARER LES TETES DE
POISSONS TRAITES
[72] FUJII, KEISUKE, JP
[73] FUJII SUISAN CO., LTD., JP
[85] 2000-08-11
[86] 1999-07-23 (PCT/JP1999/003973)
[87] (WO2000/035959)
[30] JP (10/358790) 1998-12-17
[30] JP (10/10124 U) 1998-12-21

[11] **2,325,754**
[13] C
[51] Int.Cl. 7F25J 3/04
[25] EN
[54] CRYOGENIC SYSTEM FOR
PRODUCING ENRICHED AIR
[54] SYSTEME CRYOGENIQUE POUR
LA PRODUCTION D'AIR ENRICHI
[72] SHAH, MINISH MAHENDRA, US
[72] DRNEVICH, RAYMOND FRANCIS,
US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-11-10
[30] US (09/438,921) 1999-11-12

**Brevets canadiens délivrés
9 septembre 2003**

[11] **2,328,944**
[13] C

[51] **Int.Cl. 6B01J 19/12**
[25] EN
[54] **CONTROLLED VOLUME VESSEL FROM MICROWAVE ASSISTED CHEMICAL PROCESSES**
[54] **RECIPIENT A VOLUME CONTROLE POUR TRAITEMENTS CHIMIQUES ASSISTES PAR HYPERFREQUENCES**
[72] HARGETT, WYATT PRICE JR., US
[72] MUTTERER, JAMES NELSON JR., US
[73] CEM CORPORATION, US
[85] 2000-10-16
[86] 1999-04-20 (PCT/US1999/008727)
[87] (WO1999/054033)
[30] US (09/062,979) 1998-04-20

[11] **2,329,266**
[13] C

[51] **Int.Cl. 7B31F 1/07 7B31F 5/00 7D06H 5/00**
[25] EN
[54] **EMBOSSING PRESS FOR THE MANUFACTURE OF EMBOSSED SEAMS**
[54] **PRESSE A GAUFREUR POUR LA FABRICATION DE JOINTS GAUFRES**
[72] FRANK, STEPHAN, DE
[72] FREIHEIT, JOACHIM, DE
[72] OLTHAUS, HANS, DE
[72] DOLFEL, RAINER, DE
[73] MELITTA HAUSHALTSPRODUKTE GMBH & CO. KG, DE
[22] 2000-12-20
[30] DE (199 61 961.1) 1999-12-22

[11] **2,329,410**
[13] C

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

[11] **2,335,788**
[13] C

[51] **Int.Cl. 7F42D 5/045**
[25] EN
[54] **BLAST EFFECTS SUPPRESSION SYSTEM**
[54] **SYSTEME SUPPRIMANT LES EFFETS DE SOUFFLE**
[72] BUTZ, DONALD J., US
[72] GOLLY, SCOTT M., US
[72] BUTZ, JOHN S., US
[72] BURKY, THOMAS E., US
[72] ALEXANDER, GRAHAM H., US
[73] BATTELLE MEMORIAL INSTITUTE, US
[85] 2000-12-20
[86] 1999-06-17 (PCT/US1999/013768)
[87] (WO2000/003102)
[30] US (09/109,966) 1998-07-02

[11] **2,339,468**
[13] C

[51] **Int.Cl. 6B01J 7/00 6C10B 1/00**
[25] EN
[54] **PROTECTIVE REFRACTORY SHIELD FOR A GASIFIER**
[54] **BOUCLIER REFRACTAIRE DE PROTECTION POUR GAZEIFICATEUR**
[72] BROOKER, DONALD D., US
[73] TEXACO DEVELOPMENT CORPORATION, US
[85] 2001-02-02
[86] 1999-07-28 (PCT/US1999/017320)
[87] (WO2000/007713)
[30] US (09/128,817) 1998-08-04

[11] **2,341,255**
[13] C

[51] **Int.Cl. 7H04R 25/00**
[25] EN
[54] **HEARING AID WITH BEAM FORMING PROPERTIES**
[54] **PROTHESE AUDITIVE DOTEE DE PROPRIETES DE FORMATION DE FAISCEAUX**
[72] ANDERSEN, HENNING HOUGAARD, DK
[72] LUDVIGSEN, CARL, DK
[73] WIDEX A/S, DK
[85] 2001-02-20
[86] 1999-02-05 (PCT/EP1999/000767)
[87] (WO2000/047015)

[11] **2,354,099**
[13] C

[51] **Int.Cl. 7H04L 9/00 7H04L 12/14**
[25] EN
[54] **AN ADAPTABLE COMMUNICATION APPARATUS AND AN ADAPTABLE COMMUNICATION SYSTEM**
[54] **APPAREIL DE COMMUNICATION ADAPTABLE ET SYSTEME DE COMMUNICATION ADAPTABLE**
[72] YAMAMOTO, TAKAHISA, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1996-06-26
[62] 2,179,971
[30] JP (7-165187) 1995-06-30
[30] JP (7-165932) 1995-06-30
[30] JP (7-165933) 1995-06-30
[30] JP (7-165934) 1995-06-30
[30] JP (7-193586) 1995-07-28

[11] **2,355,975**
[13] C

[51] **Int.Cl. 7G10L 19/12**
[25] EN
[54] **EXCITATION VECTOR GENERATOR, SPEECH CODER AND SPEECH DECODER**
[54] **GENERATRICE A TRAITEMENT VECTORIEL EXCITE, VOIX CODER/DECODER**
[72] YASUNAGA, KAZUTOSHI, JP
[72] EHARA, HIROYUKI, JP
[72] MORII, TOSHIYUKI, JP
[72] WATANABE, TAISUKE, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1997-11-06
[62] 2,242,345
[30] JP (8-294738) 1996-11-07
[30] JP (8-310324) 1996-11-21
[30] JP (9-34582) 1997-02-19
[30] JP (9-34583) 1997-02-19

[11] * **2,359,091**
[13] C

[51] **Int.Cl. 7A61F 5/453 7A61M 25/00**
[25] EN
[54] **CLOSE-COUPLED URINARY COLLECTION DEVICE**
[54] **ENCEINTE DE COLLECTION D'URINE A COUPLAGE DIRECT**
[72] CHARLES, HERBERT N., CA
[73] CHARLES, HERBERT N., CA
[22] 2001-09-25

**Canadian Patents Issued
September 9, 2003**

[11] **2,360,287**
[13] C

[51] **Int.Cl. 7C07D 307/87 7A61P 25/24
7A61K 31/343**
[25] EN
[54] **CRYSTALLINE BASE OF
CITALOPRAM**
[54] **BASE CRISTALLINE DE
CITALOPRAM**
[72] BOGESO, KLAUS PETER, DK
[72] HOLM, PER, DK
[72] PETERSEN, HANS, DK
[73] H. LUNDBECK A/S, DK
[85] 2001-10-17
[86] 2001-02-28 (PCT/DK2001/000137)
[87] (WO2001/068627)
[30] DK (PA200000402) 2000-03-13
[30] DK (PCT/DK00/00183) 2000-04-13

[11] **2,362,473**
[13] C

[51] **Int.Cl. 7G01V 3/32**
[25] EN
[54] **METHOD AND APPARATUS FOR
PROTECTING A SENSOR IN A DRILL
COLLAR**
[54] **APPAREIL DE RESONANCE
MAGNETIQUE NUCLEAIRE
STABILISE EN TEMPERATURE ET
PROCEDE**
[72] KRUSPE, THOMAS, DE
[72] SLADE, ROBERT A., GB
[73] BAKER HUGHES INCORPORATED,
US
[85] 2001-08-10
[86] 2000-02-14 (PCT/US2000/003746)
[87] (WO2000/048021)
[30] US (09/249,964) 1999-02-12

[11] **2,368,032**
[13] C

[51] **Int.Cl. 7B65G 57/16**
[25] EN
[54] **ON-EDGE STACKER**
[54] **EMPILEUSE**
[72] LEE, JAMES S., JR., US
[72] NYFFENEGGER, DAVID P., US
[72] NOLL, HARRY C., JR., US
[72] ORSINGER, WINSTON A., US
[72] HAWKES, RICHARD B., US
[72] BELEC, ERIC A., US
[72] FALLOS, GEORGE, US
[73] BELL & HOWELL MAIL AND
MESSAGING TECHNOLOGIES
COMPANY, US
[22] 1990-04-12
[62] 2,014,543
[30] US (338,171) 1989-04-14
[30] US (07/506,022) 1990-04-09

[11] **2,370,766**
[13] C

[51] **Int.Cl. 7G06F 17/50 7G06T 7/00
7H01L 21/66**
[25] EN
[54] **DESIGN ANALYSIS
WORKSTATION FOR ANALYZING
INTEGRATED CIRCUITS**
[54] **POSTE DE TRAVAIL
D'EVALUATION DE L'ETUDE POUR
L'EVALUATION DE CIRCUITS
INTEGRES**
[72] SKOLL, DAVID F., CA
[72] LUDLOW, TERRY, CA
[72] ELVIDGE, JULIA, CA
[72] PHANEUF, MICHAEL, CA
[73] CHIPWORKS, CA
[85] 2001-11-15
[86] 2001-10-18 (PCT/CA2001/001455)
[87] (WO2002/033744)
[30] US (09/690,813) 2000-10-18
[30] US (09/927,551) 2001-08-13

[11] **2,392,680**
[13] C

[51] **Int.Cl. 7A01N 43/80 7A01N 33/12
7B27K 3/34**
[25] EN
[54] **SYNERGISTIC WOOD
PRESERVATIVE COMPOSITIONS**
[54] **COMPOSITIONS SYNERGIQUES
POUR LA PRESERVATION DU BOIS**
[72] KOVACEVIC, SNEZANA B., CA
[72] KOVACEVIC, STEVO B., CA
[73] KOVACEVIC, SNEZANA B., CA
[73] KOVACEVIC, STEVO B., CA
[22] 2002-07-15
[30] US (6,262,097 B1) 2001-07-17

[11] **2,412,896**
[13] C

[51] **Int.Cl. 7H04N 1/64 7A63F 13/00**
[25] EN
[54] **IMAGE PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT
D'IMAGES**
[72] TATEYAMA, SEIJI, JP
[73] HUDSON SOFT CO. LTD., JP
[22] 1993-09-17
[62] 2,106,441
[30] JP (4-298071) 1992-10-09
[30] JP (4-300668) 1992-10-14
[30] JP (4-300669) 1992-10-14

Canadian Laid-Open Applications

August 17, 2003 - August 23, 2003

Demandes canadiennes mises à la disponibilité du public

17 août 2003 - 23 août 2003

[21] **2,370,841**
[13] A1
[51] **Int.Cl. 7C12N 15/83 7A61K 48/00**
7C12N 15/11 7A61K 31/7052 7C12N 15/
867
[25] EN
[54] **RETROVIRAL GENE THERAPY**
VECTORS INCLUDING INSULATOR
ELEMENTS TO PROVIDE HIGH
LEVELS OF GENE EXPRESSION
[54] **VECTEURS DE THERAPIE**
GENIQUE RETROVIRAUX, Y
COMPRIS ELEMENTS ISOLANTS
OFFRANT UNE EXPRESSION
GENETIQUE DE NIVEAU ELEVE
[72] ELLIS, JAMES, CA
[72] YAO, SHUYUAN, CA
[71] THE HOSPITAL FOR SICK
CHILDREN, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,371,697**
[13] A1
[51] **Int.Cl. 7E02B 8/08**
[25] EN
[54] **MODULAR FISH LADDER**
[54] **ECHELLE A POISSONS**
MODULAIRE
[72] BARNETT, KEVIN J., CA
[71] BARNETT, KEVIN J., CA
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,252**
[13] A1
[51] **Int.Cl. 7B60R 25/02**
[25] EN
[54] **UNIVERSAL STEERING WHEEL**
SELF ADJUSTING LOCK DEVICE
[54] **DISPOSITIF DE VERROUILLAGE**
AUTOREGLABLE UNIVERSEL DE
VOLANT
[72] FABRIK, JOHN, CA
[71] FABRIK, JOHN, CA
[22] 2002-02-18
[43] 2003-08-18

[21] **2,372,255**
[13] A1
[51] **Int.Cl. 7B32B 3/12 7E04B 1/80**
[25] FR
[54] **SANDWICH DE CONSTRUCTION**
[54] **CONSTRUCTION SANDWICH**
[72] BEDARD, PAUL, CA
[71] BEDARD, PAUL, CA
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,260**
[13] A1
[51] **Int.Cl. 7B25B 13/00**
[25] FR
[54] **BARRE DE TENDEUR**
D'ATTACHES
[54] **BAR FOR ATTACHMENT**
TENSION ADJUSTER
[72] ROYER, ANDRE, CA
[71] ROYER, ANDRE, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,263**
[13] A1
[51] **Int.Cl. 7F03G 7/10 7B64G 1/40**
[25] EN
[54] **CENTRIFUGAL THRUSTER (CT)**
[54] **PROPULSEUR CENTRIFUGE**
[72] FERENCZY, MIKLOS, CA
[71] FERENCZY, MIKLOS, CA
[22] 2002-02-18
[43] 2003-08-18

[21] **2,372,267**
[13] A1
[51] **Int.Cl. 7B60R 19/20**
[25] EN
[54] **A PASSIVE BUMPER SYSTEM FOR**
IMPACT ENERGY ABSORPTION BY
GAS LIQUEFACTION
[54] **SYSTEME DE PARE-CHOC**
PASSIF ABSORBANT L'ENERGIE DUE
A UN CHOC QUI LIQUEFIE UN GAZ
[72] GUIRGIS, SAMEH, CA
[72] BHATTACHARJEE, SUDIP, CA
[71] GUIRGIS, SAMEH, CA
[71] BHATTACHARJEE, SUDIP, CA
[22] 2002-02-18
[43] 2003-08-18

[21] **2,372,281**
[13] A1
[51] **Int.Cl. 7F02N 11/08**
[25] FR
[54] **DEMARREUR DE**
CHAUFFERETTE D'AUTOS A
DISTANCE
[54] **REMOTE STARTER FOR CAR**
HEATER
[72] PELLETIER, ALAIN, CA
[71] PELLETIER, ALAIN, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,291**
[13] A1
[51] **Int.Cl. 7B60Q 1/26 7B60R 1/06 7B60R**
1/12
[25] EN
[54] **THE SAFETY LIGHTING FOR**
VEHICLE OUTSIDE MIRRORS
[54] **ECLAIRAGE DE SECURITE POUR**
RETROVISEURS EXTERIEURS DE
VEHICULE
[72] NIXON, JOHN, CA
[71] NIXON, JOHN, CA
[22] 2002-02-18
[43] 2003-08-18

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,372,312**
[13] A1

[51] **Int.Cl. 7F24H 1/18**
[25] EN
[54] **HEATING SYSTEM FOR LIQUIDS**
[54] **SYSTEME DE CHAUFFAGE DE LIQUIDES**

[72] SMITH, DOUGLAS W., CA
[72] DESCHNER, BERNARD K., CA
[71] CONEMATIC HEATING SYSTEMS INC., CA
[22] 2002-02-18
[43] 2003-08-18

[21] **2,372,340**
[13] A1

[51] **Int.Cl. 7A43B 3/30**
[25] EN
[54] **SHOE AND RELATED DISPLAY**
[54] **CHAUSSURE ET PRESENTOIR CONNEXE**

[72] MCINTYRE, JONOTHON T., US
[72] COWGILL, SCOTT, US
[71] MCINTYRE, JONOTHON T., US
[71] COWGILL, SCOTT, US
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,358**
[13] A1

[51] **Int.Cl. 7E04C 3/08**
[25] EN
[54] **COLUMN HUNG TRUSS SYSTEM**
[54] **SYSTEME DE FERMES SUSPENDUES SUR COLONNES**

[72] BECKER, ALLAN JAMES, CA
[72] DZIWAK, ZYGMUNT, CA
[71] ALUMA ENTERPRISES INC., CA
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,316**
[13] A1

[51] **Int.Cl. 7A61K 38/55 7A61K 45/08**
[25] EN
[54] **THE USE OF PROTEASOME INHIBITORS FOR TREATING CANCER, INFLAMMATION, AUTOIMMUNE DISEASE, GRAFT REJECTION AND SEPTIC SHOCK**
[54] **UTILISATION D'INHIBITEURS DE PROTEASOME POUR LE TRAITEMENT DU CANCER, DES INFLAMMATIONS, DES MALADIES AUTOIMMUNES, DES REJETS DE GREFFES, ET DU CHOC SEPTIQUE**

[72] WANG, XIN, CA
[72] WU, JIANGPING, CA
[71] CENTRE DE RECHERCHE DU CENTRE HOSPITALIER DE L'UNIVERSITE DE MONTREAL, CA
[22] 2002-02-21
[43] 2003-08-21

[21] **2,372,345**
[13] A1

[51] **Int.Cl. 7A01K 83/00**
[25] EN
[54] **SPINNING FISHING HOOK**
[54] **HAMECON TOURNANT**

[72] FORD, BRIAN W., CA
[71] FORD, BRIAN W., CA
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,360**
[13] A1

[51] **Int.Cl. 7E21B 43/24**
[25] EN
[54] **CONDUCTION HEATING AIDED DRAINAGE PROCESS FOR THE RECOVERY OF HEAVY OIL AND BITUMEN**
[54] **PROCEDE DE DRAINAGE PAR CHAUFFAGE PAR CONDUCTION POUR LA RECUPERATION DE PETROLE LOURD ET DE BITUME**

[72] DAS, SWAPAN, CA
[72] BAKER, DEREK, CA
[72] KUSHNER, JEFF, CA
[72] SENDALL, RICHARD, CA
[71] SUNCOR ENERGY INC., CA
[22] 2002-02-18
[43] 2003-08-18

[21] **2,372,324**
[13] A1

[51] **Int.Cl. 7B62K 11/14**
[25] EN
[54] **HANDLE ACCESSORY FOR VEHICLE**
[54] **POIGNEE SUPPLEMENTAIRE POUR VEHICULES**

[72] TROTTIER, STEVE, CA
[71] TROTTIER, STEVE, CA
[22] 2002-02-21
[43] 2003-08-21

[21] **2,372,350**
[13] A1

[51] **Int.Cl. 7B65D 5/44 7B65B 5/04**
[25] EN
[54] **METHOD AND DEVICE FOR PACKAGING A WINDOW BLIND**
[54] **METHODE ET DISPOSITIF DE CONDITIONNEMENT DE STORE**

[72] TU, KEVIN TIEN-JEN, CA
[71] TU, KEVIN TIEN-JEN, CA
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,369**
[13] A1

[51] **Int.Cl. 7A47B 47/00**
[25] EN
[54] **FRAMELESS APPLIANCE GARAGE ADAPTER**
[54] **ADAPTATEUR D'ARMOIRE DE RANGEMENT SANS CADRE POUR CUISINE**

[72] SEARER, FLOYD A., US
[71] FAS INDUSTRIES, INC., US
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,354**
[13] A1

[51] **Int.Cl. 7B26B 3/03 7B26B 5/00**
[25] EN
[54] **KNIFE FOR CUTTING SLICES OF UNIFORM THICKNESS**
[54] **COUTEAU POUR COUPER DES TRANCHES D'EPAISSEUR UNIFORME**

[72] MAATTA, PASI, CA
[71] MAATTA, PASI, CA
[22] 2002-02-20
[43] 2003-08-20

Demandes canadiennes mises à la disponibilité du public
17 août 2003 - 23 août 2003

[21] **2,372,379**
[13] A1

[51] **Int.Cl. 7F23Q 2/46 7F23Q 2/16 7F23Q 2/50**
[25] EN
[54] **SAFETY LIGHTER WITH ROTARY WHEEL HOODS**
[54] **BRIQUET DE SECURITE MUNI DE COUVRE-MOLETTE**
[72] SHER, TAK CHI, HK
[71] SHER, TAK CHI, HK
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,386**
[13] A1

[51] **Int.Cl. 7B63B 1/04 7B63B 5/24**
[25] EN
[54] **TRI-SPONSON BOAT HULL AND METHOD OF MAKING SAME**
[54] **COQUE DE BATEAU A TROIS FLOTTEURS, ET METHODE DE FABRICATION**
[72] TAYLOR, IAN A., CA
[71] REFLEX ADVANCED MARINE CORP., CA
[22] 2002-02-22
[43] 2003-08-22

[21] **2,372,389**
[13] A1

[51] **Int.Cl. 7G11B 7/24 7H01L 31/042 7H02K 7/18**
[25] EN
[54] **POWER SUPPLY FOR AN INTELLIGENT OPTICAL MEDIUM AND METHOD FOR SAME**
[54] **BLOC D'ALIMENTATION POUR UN SUPPORT OPTIQUE INTELLIGENT ET METHODE CONNEXE**
[72] MOTTAHEDEH, SOHEYL, CA
[71] MOTTAHEDEH, SOHEYL, CA
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,399**
[13] A1

[51] **Int.Cl. 7F28F 3/12**
[25] EN
[54] **LOW PROFILE FINNED HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR A AILETTES COMPACTES**
[72] SEILER, THOMAS, CA
[72] DAVIES, MICHAEL E., CA
[72] BEECH, STEPHEN A., CA
[72] MARTIN, MICHAEL A., CA
[72] WU, ALAN K., CA
[71] LONG MANUFACTURING LTD., CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,402**
[13] A1

[51] **Int.Cl. 7F15B 1/26**
[25] EN
[54] **HYDRAULIC FLUID RESERVOIR AND HYDRAULIC SYSTEM**
[54] **RESERVOIR DE FLUIDE HYDRAULIQUE ET SYSTEME HYDRAULIQUE**
[72] FETCHKO, ERIC BERTRAND, CA
[72] DUDRA, BRIAN, CA
[71] TELEFLEX (CANADA) LTD., CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,410**
[13] A1

[51] **Int.Cl. 7B22C 1/02 7B22C 1/16**
[25] EN
[54] **SLURRY COMPOSITION AND PROCESS FOR PRODUCING CERAMIC MOULDS**
[54] **COMPOSITION DE BARBOTINE ET PROCEDE UTILISES POUR LA PRODUCTION DE MOULES CERAMIQUES**
[72] LIU, XING YANG, CA
[72] JIANG, JIAREN, CA
[71] NATIONAL RESEARCH COUNCIL CANADA, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,412**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C07K 17/00 7C12N 9/10 7A61K 35/12**
[25] EN
[54] **POLO DOMAIN STRUCTURE**
[54] **STRUCTURE DE DOMAINE POLO**
[72] DENNIS, JIM, CA
[72] SICHERI, FRANK, CA
[72] HUDSON, JOHN, CA
[72] LEUNG, GENIE CHUNG CHI, CA
[72] KOZAROVA, ANNA, CA
[71] MOUNT SINAI HOSPITAL, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,451**
[13] A1

[51] **Int.Cl. 7B27B 5/00 7B27G 5/02**
[25] EN
[54] **COMPACT SLIDING COMPOUND MITRE SAW**
[54] **SCIE A ONGLETS MIXTE COULISSANTE COMPACTE**
[72] WILLIAMS, GERALD JOHN, CA
[71] WILLIAMS, GERALD JOHN, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,477**
[13] A1

[51] **Int.Cl. 7B27B 5/00 7B27G 5/02**
[25] EN
[54] **COMPACT SLIDING COMPOUND MITRE SAW**
[54] **SCIE A ONGLETS MIXTE COULISSANTE COMPACTE**
[72] WILLIAMS, GERALD JOHN, CA
[71] WILLIAMS, GERALD JOHN, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,484**
[13] A1

[51] **Int.Cl. 7B27B 5/00 7B27G 5/02**
[25] EN
[54] **COMPACT SLIDING COMPOUND MITRE SAW**
[54] **SCIE A ONGLETS MIXTE COULISSANTE COMPACTE**
[72] WILLIAMS, GERALD JOHN, CA
[71] WILLIAMS, GERALD JOHN, CA
[22] 2002-02-19
[43] 2003-08-19

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,372,486**
[13] A1
[51] Int.Cl. 7B27B 5/00 7B27G 5/02
[25] EN
[54] **DUAL GEARED LINKS SLIDING COMPOUND MITRE SAW**
[54] **SCIE A ONGLETS MIXTE A COULISSEMENT ET A MAILLONS A DOUBLE ENGRENAGE**
[72] WILLIAMS, GERALD JOHN, CA
[71] WILLIAMS, GERALD JOHN, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,489**
[13] A1
[51] Int.Cl. 7B27B 5/00 7B27G 5/02 7B27B 27/06
[25] EN
[54] **PIVOTABLE FENCE FOR COMPOUND MITRE SAWS**
[54] **GUIDE PIVOTANT POUR SCIES A ONGLETS MIXTES**
[72] WILLIAMS, GERALD JOHN, CA
[71] WILLIAMS, GERALD JOHN, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,503**
[13] A1
[51] Int.Cl. 7A22B 5/08 7A22B 5/00
[25] FR
[54] **DELARDEUSE ET ECHARNEUSE A PEAUX**
[54] **DEVICE FOR REMOVING FAT AND FLESH FROM HIDES**
[72] TREMBLAY, PAUL-ARMAND PAT, CA
[71] TREMBLAY, PAUL-ARMAND PAT, CA
[22] 2002-02-22
[43] 2003-08-22

[21] **2,372,506**
[13] A1
[51] Int.Cl. 7F24F 7/06 7F24F 13/02
[25] FR
[54] **SYSTEME DE VENTILATION PERMETTANT D'ASPIRER L'AIR VENANT DE L'EXTERIEUR VERS L'INTERIEUR, OU D'EXPIRER L'AIR DE L'INTERIEUR VERS L'EXTERIEUR DU BATIMENT AGRICOLE OU INDUSTRIEL**
[54] **AGRICULTURAL OR INDUSTRIAL BUILDING VENTILATION SYSTEM THAT OPERATES BY DRAWING OUTSIDE AIR IN OR PUSHING INSIDE AIR OUT**
[72] BAILLARGEON, RODRIGUE, CA
[71] BAILLARGEON, RODRIGUE, CA
[22] 2002-02-21
[43] 2003-08-21

[21] **2,372,517**
[13] A1
[51] Int.Cl. 7B60K 15/03
[25] EN
[54] **PORTABLE FUEL TANK CONVERSION FOR STATIONARY ENGINES**
[54] **TRANSFORMATION DE RESERVOIR DE CARBURANT PORTATIF POUR MOTEUR STATIONNAIRE**
[72] WIENS, ED, CA
[71] WIENS, ED, CA
[22] 2002-02-18
[43] 2003-08-18

[21] **2,372,535**
[13] A1
[51] Int.Cl. 7A61K 31/216 7A61K 9/10 7A61P 11/14 7A61K 9/20
[25] EN
[54] **ANTITUSSIVE COMPOSITIONS**
[54] **COMPOSITIONS ANTITUSSIVES**
[72] D'ADDICO, ALEXANDER D., US
[72] LEFLEIN, RONALD, US
[71] MEDPOINTE HEALTHCARE, INC., US
[22] 2002-02-18
[43] 2003-08-18

[21] **2,372,538**
[13] A1
[51] Int.Cl. 7A61K 31/135 7A61K 9/10 7A61P 11/14 7A61K 9/20
[25] EN
[54] **ANTITUSSIVE/ANTIHISTAMINIC/DECONGESTANT COMPOSITIONS**
[54] **COMPOSITIONS ANTITUSSIVES/ANTIHISTAMINIQUES/DECONGESTIONNANTES**
[72] D'ADDICO, ALEXANDER D., US
[72] LEFLEIN, RONALD, US
[71] MEDPOINTE HEALTHCARE, INC., US
[22] 2002-02-18
[43] 2003-08-18

[21] **2,372,551**
[13] A1
[51] Int.Cl. 7G01N 3/08
[25] EN
[54] **IMPROVED STRUCTURE AND METHOD FOR TESTING BOND STRENGTH AND/OR REMOVING INTEGRATED CIRCUIT DEVICES BONDED TO SUBSTRATES**
[54] **STRUCTURE ET METHODE AMELIOREES POUR TESTER LA RESISTANCE D'ADHERENCE ET/OU ENLEVER LES DISPOSITIFS A CIRCUIT INTEGRE COLLES**
[72] HENRY, JEAN-PAUL, CA
[72] LANDREVILLE, JEAN-LUC L., CA
[72] PHARAND, SYLVAIN, CA
[72] GAOUCETTE, REJEAN M., CA
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
[22] 2002-02-18
[43] 2003-08-18

[21] **2,372,628**
[13] A1
[51] Int.Cl. 7G01N 1/28 7G01N 1/44
[25] FR
[54] **APPAREIL ET METHODE POUR L'ELIMINATION DES BULLES DE GAZ DANS UN METAL EN FUSION**
[54] **APPARATUS AND METHOD FOR ELIMINATING GAS BUBBLES IN A MOLTEN METAL**
[72] BEDARD, MARC, CA
[71] BEDARD, MARC, CA
[22] 2002-02-21
[43] 2003-08-21

Demandes canadiennes mises à la disponibilité du public
17 août 2003 - 23 août 2003

[21] **2,372,637**
[13] A1

[51] **Int.Cl. 7G02B 6/00 7G02B 27/00**
[25] EN
[54] **PACKAGED OPTICAL SENSORS ON THE SIDE OF OPTICAL FIBRES**
[54] **CAPTEURS OPTIQUES INTEGRES AU COTE DE FIBRES OPTIQUES**
[72] CANTIN, DANIEL, CA
[72] LEVESQUE, MARC, CA
[72] FRECHETTE, JULIE, CA
[72] COURNOYER, ALAIN, CA
[72] PLANTE, SYLVAIN, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,648**
[13] A1

[51] **Int.Cl. 7A47G 9/10 7A47C 27/08**
[25] EN
[54] **FUNNEL FOR WATERPILLOW**
[54] **ENTONNOIR POUR OREILLER D'EAU**
[72] KUSUYAMA, SATOSHI, JP
[72] TSUDA, HIROFUMI, JP
[72] TOBE, SHINICHIRO, JP
[71] IWI LTD., CA
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,708**
[13] A1

[51] **Int.Cl. 7A61K 38/57 7A61K 45/00**
[25] EN
[54] **COMBINATION TREATMENT WITH T-PA VARIANT AND LOW MOLECULAR WEIGHT HEPARIN**
[54] **TRAITEMENT COMBINE A L'AIDE D'UN VARIANT DU TPA ET D'HEPARINE A FAIBLE POIDS MOLECULAIRE**
[72] VAN DE WERF, FRANS, BE
[72] GRANGER, CHRISTOPHER, US
[72] CHIN, RICHARD, US
[72] BIGONZI, FREDERIQUE, FR
[72] BLUHMKI, ERICH, DE
[72] BERIOLI, SILVANO, IT
[72] BARRON, HAL, US
[72] WANG-CLOW, FONG, US
[72] ARMSTRONG, PAUL, CA
[71] BOEHRINGER INGELHEIM PHARMA KG, DE
[71] GENENTECH, INC., US
[71] BOEHRINGER INGELHEIM ITALIA S.P.A., IT
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS INC., US
[71] AVENTIS PHARMACEUTICALS PRODUCTS INC., US
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[22] 2002-02-22
[43] 2003-08-22

[21] **2,372,731**
[13] A1

[51] **Int.Cl. 7C07C 311/16 7A61P 9/12 7C07C 311/14 7C07D 277/16**
[25] EN
[54] **OLIGO-AMINE/OLIGO-CARBOXY SULFONAMIDES**
[54] **OLIGOAMINE/OLIGOCARBOXY SULFONAMIDES**
[72] MINCIONE, FRANCESCO, IT
[72] MENABUONI, LUCA, IT
[72] SCOZZAFAVA, ANDREA, IT
[72] SUPURAN, CLAUDIU T., IT
[71] MINCIONE, FRANCESCO, IT
[71] MENABUONI, LUCA, IT
[71] SCOZZAFAVA, ANDREA, IT
[71] SUPURAN, CLAUDIU T., IT
[22] 2002-02-22
[43] 2003-08-22

[21] **2,372,744**
[13] A1

[51] **Int.Cl. 7C08B 37/00 7C07K 1/14**
[25] EN
[54] **A METHOD FOR EXTRACTION AND PURIFICATION OF CARTILAGE TYPE PROTEOGLYCAN**
[54] **UNE METHODE D'EXTRACTION ET DE PURIFICATION DE PROTEOGLYCANE DE TYPE CARTILAGE**
[72] TAKAGAKI, KEIICHI, JP
[71] KAKUHIRO CO., LTD, JP
[71] TAKAGAKI, KEIICHI, JP
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,760**
[13] A1

[51] **Int.Cl. 7F15B 21/00**
[25] EN
[54] **SELF-CONTAINED HYDRAULIC ESD SYSTEM**
[54] **SYSTEME D'ARRET D'URGENCE HYDRAULIQUE AUTONOME**
[72] ELLETT, JAMES RICHARD, CA
[71] ARGUS MACHINE CO. LTD., CA
[22] 2002-02-20
[43] 2003-08-20

[21] **2,372,776**
[13] A1

[51] **Int.Cl. 7B60K 16/00 7B60L 11/00 7H02K 7/14 7H02K 7/18**
[25] EN
[54] **INTEGRAL SERVOMOTOR GENERATOR ELECTROLYZER**
[54] **GENERATEUR-ELECTROLYSEUR A SERVOMOTEUR INTEGRE**
[72] PALMA, FLORENCIO NETO, CA
[71] PALMA, FLORENCIO NETO, CA
[22] 2002-02-22
[43] 2003-08-22

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,372,778**
[13] A1
[51] **Int.Cl. 7G06F 12/14 7H04L 12/12**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING ACCESS TO INFORMATION ON A NETWORK**
[54] **SYSTEME ET METHODE DE GESTION D'ACCES A L'INFORMATION SUR UN RESEAU**
[72] MUTZKE, RICHARD, CA
[72] SLAUNWHITE, DONALD, CA
[72] REID, ROBERT, CA
[71] COREL CORPORATION, CA
[22] 2002-02-22
[43] 2003-08-22

[21] **2,372,816**
[13] A1
[51] **Int.Cl. 7A61K 31/616 7A61P 21/00**
[25] EN
[54] **ASPIRIN CONTAINING COMPOSITION FOR TOPICAL USE AND METHOD OF TREATMENT**
[54] **ASPIRINE CONTENANT UNE COMPOSITION POUR USAGE TOPIQUE ET METHODE DE TRAITEMENT**
[72] CHIOVITTI, DOMENICO, CA
[71] CHIOVITTI, DOMENICO, CA
[22] 2002-02-21
[43] 2003-08-21

[21] **2,372,838**
[13] A1
[51] **Int.Cl. 7A43C 7/08**
[25] EN
[54] **SHOE WITH A SHOE LACE DEVICE THAT CAN BE TIGHTENED TO SIMULATE A DOUBLE-BOW KNOT**
[54] **CHAUSSURE MUNIE D'UN DISPOSITIF DE LACETS POUVANT ETRE SERRES POUR SIMULER UN NOEUD • BOUCLE DOUBLE**
[72] LIU, KUN-CHUNG, TW
[71] LIU, KUN-CHUNG, TW
[22] 2002-02-21
[43] 2003-08-21

[21] **2,372,785**
[13] A1
[51] **Int.Cl. 7A61K 45/08 7A61P 25/28 7A61K 31/401**
[25] EN
[54] **PHARMACEUTICAL COMBINATION OF ANGIOTENSIN II ANTAGONISTS AND ANGIOTENSIN I CONVERTING ENZYME INHIBITORS**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DES ANTAGONISTES DE L'ANGIOTENSINE II ET DES INHIBITEURS DE L'ENZYME DE CONVERSION DE L'ANGIOTENSINE I**
[72] YUSUF, SALIM, CA
[72] ANDERSSON, CRAIG, NZ
[72] SLEIGHT, PETER, GB
[72] HILBRICH, LUTZ, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[22] 2002-02-21
[43] 2003-08-21

[21] **2,372,818**
[13] A1
[51] **Int.Cl. 7B27L 7/06**
[25] EN
[54] **COMPUTER DESIGNED ERGONOMIC UPRIGHT WOOD SPLITTER SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE FENTE DU BOIS A LA VERTICALE ERGONOMIQUES CONCUS PAR ORDINATEUR**
[72] HILL, NORMAN M., US
[71] HILL, NORMAN M., US
[22] 2002-02-21
[43] 2003-08-20
[30] US (10/081,334) 2002-02-20

[21] **2,372,839**
[13] A1
[51] **Int.Cl. 7B65D 19/26 7B65D 21/02 7B65D 19/38**
[25] EN
[54] **COLLAPSIBLE MULTI-LEVEL PALLET**
[54] **PALETTE PLIABLE MULTI-NIVEAUX**
[72] SEDGE, PETER, CA
[71] SEDGE, PETER, CA
[22] 2002-02-21
[43] 2003-08-21

[21] **2,372,801**
[13] A1
[51] **Int.Cl. 7A47C 7/66 7A47C 7/62**
[25] EN
[54] **CANOPY CLAMP DEVICE**
[54] **BRIDE DE SERRAGE DE CANEVAS**
[72] TSENG, CHEN-NUNG, TW
[71] TAIWAN LOUNGE CHAIR INDUSTRY CO., LTD., TW
[22] 2002-02-22
[43] 2003-08-22

[21] **2,372,829**
[13] A1
[51] **Int.Cl. 7B60N 2/44**
[25] EN
[54] **WELDLESS CHILD SAFETY RESTRAINT SYSTEM FOR AN AUTOMOBILE**
[54] **SYSTEME SANS SOUDURE DE RETENUE DE SECURITE POUR ENFANT DANS UNE AUTOMOBILE**
[72] ABEL, JOE, CA
[72] SKREPNEK, ANDY, CA
[71] SUMMO STEEL CORPORATION, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,845**
[13] A1
[51] **Int.Cl. 7B26B 3/00**
[25] EN
[54] **DEVICE FOR UNROLLING A CIRCUMFERENTIALLY EXTENDING PORTION OF AN OUTWARDLY ROLLED RIM OF A CUP MADE OF FLEXIBLE MATERIAL**
[54] **DISPOSITIF DE DEROULEMENT PERIPHERIQUE D'UNE COURONNE EXTERIEURE DE COUPELLE EN MATIERE SOUPLE**
[72] ACCADIA, PAUL S., CA
[71] ACCADIA, PAUL S., CA
[22] 2002-02-19
[43] 2003-08-19

Demandes canadiennes mises à la disponibilité du public

17 août 2003 - 23 août 2003

[21] **2,372,849**
[13] A1

[51] **Int.Cl. 7H01R 9/22**
[25] EN
[54] **MODULAR GROUND BAR SYSTEM**
[54] **SYSTEME MODULAIRE DE BARRES DE MISE A LA TERRE**
[72] WU, PATRICK PAK WAI, CA
[72] GREEN, RICHARD JONATHAN, CA
[71] FCI AMERICAS TECHNOLOGY, INC., US
[22] 2002-02-21
[43] 2003-08-21

[21] **2,372,856**
[13] A1

[51] **Int.Cl. 7A47G 29/122**
[25] EN
[54] **PAPER RECYCLING RECEPTACLE FOR MAILBOXES**
[54] **BOITE DE RECYCLAGE DE PAPIER POUR BOITE AUX LETTRES**
[72] SKROTZKI, ROY, CA
[71] SKROTZKI, ROY, CA
[22] 2002-02-22
[43] 2003-08-22

[21] **2,372,868**
[13] A1

[51] **Int.Cl. 7G06T 5/00**
[25] EN
[54] **METHOD AND SYSTEM FOR CLEANING IMAGES TO HIGHLIGHT INFORMATION RECORDED ON A BACKGROUND SURFACE**
[54] **METHODE ET SYSTEME POUR REHAUSSER DES IMAGES POUR METTRE EN EVIDENCE L'INFORMATION ENREGISTREE SUR UNE SURFACE DE FOND**
[72] OLUGBENGA, AYINDE, CA
[71] SMART TECHNOLOGIES INC., CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,372,878**
[13] A1

[51] **Int.Cl. 7B62B 3/02**
[25] EN
[54] **QUIET SHELF FOR AN AGRICULTURAL CART**
[54] **TABLETTE SILENCIEUSE POUR CHARIOT AGRICOLE**
[72] HANSON, JEFFERY G., CA
[72] PLATTEEUW, ANTHONY M., CA
[72] WILSON, ERNEST L., CA
[71] WELLMASTER PIPE AND SUPPLY INC., CA
[22] 2002-02-22
[43] 2003-08-22

[21] **2,372,891**
[13] A1

[51] **Int.Cl. 7G06F 9/44 7G06F 17/00**
[25] EN
[54] **PROMOTION OF FEATURES IN REUSABLE SOFTWARE COMPONENT TYPES**
[54] **PROMOTION DE CARACTERISTIQUES DANS DES TYPES D'ELEMENTS LOGICIELS REUTILISABLES**
[72] STARKEY, MICHAEL, CA
[72] LITOIU, MARIN, CA
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
[22] 2002-02-21
[43] 2003-08-21

[21] **2,372,916**
[13] A1

[51] **Int.Cl. 7E04B 1/00 7E04C 2/40**
[25] EN
[54] **UNKNOWN**
[54] **INCONNU**
[72] GERNA, LESLIE, CA
[71] GERNA, LESLIE, CA
[22] 2002-02-21
[43] 2003-08-21

[21] **2,372,917**
[13] A1

[51] **Int.Cl. 7G03B 37/02**
[25] EN
[54] **A PROGRAMMABLE ROTATING MODULE FOR CAMERA EQUIPMENT**
[54] **MODULE TOURNANT PROGRAMMABLE POUR EQUIPEMENT DE CAMERA**
[72] FRANKEL, HUGH, CA
[71] FRANKEL, HUGH, CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,373,003**
[13] A1

[51] **Int.Cl. 7F16J 15/54**
[25] EN
[54] **REMOVABLE MORTAR MIXER BEARING AND SEAL ASSEMBLY**
[54] **ENSEMBLE AMOVIBLE D'APPUI ET D'ETANCHEITE DE MALAXEUR A MORTIER**
[72] VAREL, EDWARD A., US
[72] BESWICK, WILLIAM J., US
[71] STONE CONSTRUCTION EQUIPMENT, INC., US
[22] 2002-02-25
[43] 2003-08-19
[30] US (10/076,648) 2002-02-19

[21] **2,373,203**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 29/02 7H03M 7/30 7H04B 1/66**
[25] EN
[54] **METHOD FOR INCREASING EFFECTIVE BANDWIDTH ON SERIAL LINKS WITH MULTIPLE LAYER 2 HEADERS**
[54] **METHODE POUR ACCROITRE LA LARGEUR DE BANDE EFFECTIVE SUR DES LIAISONS SERIE AVEC PLUSIEURS EN-TETES DE COUCHE 2**
[72] GAZIER, MICHAEL, CA
[72] JENKINS, TIM, CA
[71] CATENA NETWORKS CANADA INC., CA
[22] 2002-02-22
[43] 2003-08-22

[21] **2,373,211**
[13] A1

[51] **Int.Cl. 7H04L 29/00 7H04L 12/26**
[25] EN
[54] **FAULT NOTIFICATION FILTERING**
[54] **FILTRAGE DES INDICATIONS DE DEFAILLANCE**
[72] GODSE, DHANANJAY, CA
[72] NICHOLS, GEOFF, CA
[72] KWAN, LOUIE, CA
[71] CATENA NETWORKS CANADA INC., CA
[22] 2002-02-22
[43] 2003-08-22

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,373,214**
[13] A1
[51] **Int.Cl. 7H04L 29/00 7H04L 12/26**
[25] EN
[54] **DISTRIBUTED FAULT CORRELATION**
[54] **CORRELATION D'ANOMALIES REPARTIE**
[72] NICHOLS, GEOFF, CA
[72] GODSE, DHANANJAY, CA
[71] CATENA NETWORKS CANADA INC., CA
[22] 2002-02-22
[43] 2003-08-22

[21] **2,373,328**
[13] A1
[51] **Int.Cl. 7B43K 29/087**
[25] EN
[54] **A NUMERICAL DATE TRACKING SYSTEM FOR FROZEN GOODS**
[54] **SYSTEME NUMERIQUE DE REPERAGE DE DATES POUR MARCHANDISES SURGELEES**
[72] SWIST, JASON, CA
[71] SWIST, JASON, CA
[22] 2002-02-21
[43] 2003-08-21

[21] **2,373,329**
[13] A1
[51] **Int.Cl. 7E06C 7/00**
[25] EN
[54] **GRANTS LADDER CADDIE**
[54] **SUPPORT D'ESCABEAU GRANT**
[72] EMSLIE, GRANT C., CA
[71] EMSLIE, GRANT C., CA
[22] 2002-02-20
[43] 2003-08-20

[21] **2,373,845**
[13] A1
[51] **Int.Cl. 7A47G 1/04**
[25] EN
[54] **COMPACT 3 VIEW MIRROR**
[54] **RETROVISEUR COMPACT A TROIS ANGLES DE VUE**
[72] YI, KYONG-MI S., CA
[71] YI, KYONG-MI S., CA
[22] 2002-02-19
[43] 2003-08-19

[21] **2,377,296**
[13] A1
[51] **Int.Cl. 7G08B 21/00 7G01L 1/00 7B60D 1/58**
[25] FR
[54] **TENSIOMETRE MUNI D'UNE ALARME POUR COURROIES OU AUTRES SYSTEMES DE RETENUE MAINTENANT UN CHARGEMENT SUR OU DANS UNE REMORQUE**
[54] **TENSIOMETER EQUIPPED WITH AN ALARM FOR A BELTS OR OTHER RESTRAINT SYSTEM THAT MAINTAINS A LOAD ON OR IN A TRAILER**
[72] TARDIF, MAURICE, CA
[71] TARDIF, MAURICE, CA
[22] 2002-03-14
[43] 2003-08-19

[21] **2,379,000**
[13] A1
[51] **Int.Cl. 7F16L 11/02**
[25] EN
[54] **FUEL PUMP HOSE COVER**
[54] **COUVRE-FLEXIBLE DE POMPE A CARBURANT**
[72] BEANE, THOMAS F., US
[71] BEANE, THOMAS F., US
[22] 2002-03-26
[43] 2003-08-20
[30] US (10/078,574) 2002-02-20

[21] **2,382,736**
[13] A1
[51] **Int.Cl. 7B62D 21/20 7B62D 63/08**
[25] EN
[54] **REINFORCING BRACKET FOR A TRAILER FRAME**
[54] **EQUERRE DE RENFORT POUR CHASSIS DE REMORQUE**
[72] GARCEAU, BERNARD F., US
[72] COLLINS, JASON D., US
[71] NORCO INDUSTRIES, INC., US
[22] 2002-04-19
[43] 2003-08-22
[30] US (10/081,254) 2002-02-22

[21] **2,387,224**
[13] A1
[51] **Int.Cl. 7E05B 57/00**
[25] EN
[54] **LATCH AND LOCK MECHANISM**
[54] **MECANISME DE VERROUILLAGE**
[72] WARTIAN, GEORGE, US
[71] WARTIAN, GEORGE, US
[22] 2002-05-22
[43] 2003-08-19
[30] US (10/078,763) 2002-02-19

[21] **2,387,308**
[13] A1
[51] **Int.Cl. 7B28B 21/00 7E02D 29/12**
[25] EN
[54] **APPARATUS AND METHOD FOR REMOVING JOINT RINGS FROM CURED CONCRETE PRODUCTS**
[54] **DISPOSITIF ET METHODE DE RETRAIT DES JOINTS ANNULAIRES D'ARTICLES EN BETON DURCI**
[72] SCHMIDGALL, JON A., US
[72] SCHMIDGALL, RONALD D., US
[72] STOLLER, DAVID, US
[71] HAWKEYE CONCRETE PRODUCTS CO., US
[22] 2002-05-24
[43] 2003-08-19
[30] US (09/683,818) 2002-02-19

[21] **2,388,820**
[13] A1
[51] **Int.Cl. 7A45F 3/04 7A42B 1/04**
[25] FR
[54] **SAC D'ECOLE**
[54] **SCHOOL BAG**
[72] TRUDEAU, NATHALY, CA
[71] TRUDEAU, NATHALY, CA
[22] 2002-06-21
[43] 2003-08-20
[30] CA (INCONNU) 2002-06-17

Demandes canadiennes mises à la disponibilité du public
17 août 2003 - 23 août 2003

[21] **2,389,185**
[13] A1

[51] **Int.Cl. 7G08C 17/00 7B65G 67/00 7G05G 1/02**
[25] EN
[54] **DEVICE USED TO AID IN THE LOADING AND UNLOADING OF VEHICLES AND IMPLEMENTS**
[54] **DISPOSITIF UTILISE POUR FACILITER LE CHARGEMENT ET LE DECHARGEMENT DE VEHICULES ET D'INSTRUMENTS ARATOIRES**
[72] KNUTSON, SCOTT WILLIAM, US
[71] KNUTSON, SCOTT WILLIAM, US
[22] 2002-06-06
[43] 2003-08-20
[30] US (10/081,848) 2002-02-20

[21] **2,390,763**
[13] A1

[51] **Int.Cl. 7G01F 23/26 7B01D 3/00 7B01D 5/00**
[25] EN
[54] **MEASURING DEVICE**
[54] **DOSEUR**
[72] NORMAN, CHRISTIAN, SE
[72] BEJBOM, PETER, SE
[72] JOHANSSON, NIKLAS, SE
[71] HEDSON TECHNOLOGIES AB, SE
[22] 2002-06-17
[43] 2003-08-18
[30] SE (0200486-9) 2002-02-18

[21] **2,392,656**
[13] A1

[51] **Int.Cl. 7B27K 3/34 7B27K 3/00**
[25] EN
[54] **METHOD FOR PREPARING MODIFIED WOODEN MATERIAL**
[54] **METHODE DE PREPARATION DE MATERIAU EN BOIS MODIFIE**
[72] MATSUMURA, KAZUYUKI, JP
[72] YAMAMOTO, AKIRA, JP
[72] KADOTA, KENICHI, NZ
[72] SUDA, HISAYOSHI, JP
[71] SUMITOMO FORESTRY CO., LTD., JP
[22] 2002-07-05
[43] 2003-08-21
[30] JP (2002-044152) 2002-02-21

[21] **2,397,122**
[13] A1

[51] **Int.Cl. 7A47G 23/02**
[25] EN
[54] **DRINK COASTER AND AIR FRESHENER**
[54] **SOUS-VERRE ASSAINISSEUR D'AIR**
[72] BOMGAARS, GREGORY JAY, US
[72] TERRANOVA, ROBERT ANTHONY, US
[71] BOMGAARS, GREGORY JAY, US
[71] TERRANOVA, ROBERT ANTHONY, US
[22] 2002-08-08
[43] 2003-08-21
[30] US (10/080,227) 2002-02-21

[21] **2,397,880**
[13] A1

[51] **Int.Cl. 7A23L 2/66 7A23J 3/00 7A23L 2/02 7A23L 1/30**
[25] EN
[54] **PROTEIN STABILIZING AGENT**
[54] **AGENT STABILISANT DE PROTEINES**
[72] HUANG, XIAOLIN, US
[71] PROTEIN TECHNOLOGIES INTERNATIONAL, INC., US
[22] 2002-08-12
[43] 2003-08-20
[30] US (10/079,342) 2002-02-20

[21] **2,399,352**
[13] A1

[51] **Int.Cl. 7A01B 45/04**
[25] EN
[54] **SOD HARVESTING MACHINE**
[54] **RECOLTEUSE DE GAZON**
[72] WOERNER, EDWARD E., US
[72] HANEY, DARALE G., US
[71] WOERNER MANUFACTURING, INC., US
[22] 2002-08-21
[43] 2003-08-21
[30] US (10/081,572) 2002-02-21

[21] **2,400,127**
[13] A1

[51] **Int.Cl. 7B60R 3/00**
[25] EN
[54] **STONE GUARD FOR STEP BAR**
[54] **COUCHE ANTIGRAVILLONNAGE POUR BARRE MARCHEPIED**
[72] KAYNE, JEFFREY, US
[71] KAYNE, JEFFREY, US
[22] 2002-08-28
[43] 2003-08-22
[30] US (60/358,762) 2002-02-22
[30] US (10/156,506) 2002-05-28

[21] **2,405,929**
[13] A1

[51] **Int.Cl. 7H02K 1/26**
[25] EN
[54] **ROTOR IN A ROTARY ELECTRIC MACHINE**
[54] **ROTOR POUR MACHINE ELECTRIQUE**
[72] GOTOU, KAZUO, JP
[72] EJIMA, HIDEHIRO, JP
[72] AOYAMA, HIROSHI, JP
[71] HITACHI, LTD., JP
[22] 2002-10-01
[43] 2003-08-21
[30] JP (2002-44514) 2002-02-21

[21] **2,406,819**
[13] A1

[51] **Int.Cl. 7B27F 1/12 7B27M 1/08 7B27F 1/16 7B65G 47/22 7B65G 17/46**
[25] EN
[54] **MACHINE FOR PROFILE WORKING OF FRONT SURFACES ON OBLONG WOOD WORKPIECES**
[54] **MACHINE DE PROFILAGE DES SURFACES FRONTALES DE PIECES DE BOIS OBLONGUES**
[72] LEDINEK, GREGOR, SI
[72] LEDINEK, PAVEL, SI
[71] LEDINEK, GREGOR, SI
[71] LEDINEK, PAVEL, SI
[22] 2002-10-08
[43] 2003-08-19
[30] SI (P-200200043) 2002-02-19

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,407,135**
[13] A1
[51] **Int.Cl. 7B25H 7/04**
[25] EN
[54] **PANEL-MARKING TOOL AND METHOD**
[54] **OUTIL ET METHODE DE MARQUAGE DE PANNEAU**
[72] LAWSON, BRIAN JOHN GEORGE, GB
[71] LAWSON, BRIAN JOHN GEORGE, GB
[71] MCGARRY, PHILIP, GB
[22] 2002-10-09
[43] 2003-08-23
[30] GB (02 04306.5) 2002-02-23

[21] **2,407,362**
[13] A1
[51] **Int.Cl. 7E04B 9/22**
[25] EN
[54] **BEAM FOR DRYWALL CEILING**
[54] **POUTRE POUR PLAFOND A CLOISON SECHE**
[72] PLATT, WILLIAM J., US
[71] WORTHINGTON ARMSTRONG VENTURE, US
[22] 2002-10-10
[43] 2003-08-21
[30] US (10/079,942) 2002-02-21

[21] **2,409,582**
[13] A1
[51] **Int.Cl. 7B65G 15/60**
[25] EN
[54] **INSTALLATION FOR CONVEYING BULK MATERIALS**
[54] **INSTALLATION POUR LE TRANSPORT SUR COURROIE DE MATERIAUX EN VRAC**
[72] TRIEB, HERBERT, AT
[71] INNOVA PATENT GMBH, AT
[22] 2002-10-22
[43] 2003-08-21
[30] AT (A 264/2002) 2002-02-21

[21] **2,412,259**
[13] A1
[51] **Int.Cl. 7H04L 12/26**
[25] EN
[54] **TROUBLE-SHOOTING REMOTE INTERNET USERS**
[54] **TELEDEPANNAGE D'UTILISATEURS D'INTERNET**
[72] YABO, OREN, IL
[72] HORN, LIOR, IL
[72] CIDON, ISRAEL, IL
[71] VIOLA NETWORKS LTD., IL
[22] 2002-11-21
[43] 2003-08-20
[30] US (10/079,821) 2002-02-20

[21] **2,413,672**
[13] A1
[51] **Int.Cl. 7C08G 18/70 7C08G 18/48 7C08G 18/61 7C08G 18/72**
[25] EN
[54] **BRANCHED POLYURETHANES, FORMULATIONS COMPRISING THEM, AND THEIR USE FOR THICKENING AQUEOUS SYSTEMS**
[54] **POLYURETHANES RAMIFIES, COMPOSITIONS CONTENANT CES POLYURETHANES, ET UTILISATION COMME EPAISSISSANT DE SYSTEMES AQUEUX**
[72] EDELMANN, DIRK, DE
[72] BAUER, SANDRA, DE
[72] ESSELBORN, EBERHARD, DE
[72] SILBER, STEFAN, DE
[72] LINK, GUNTHER, DE
[72] HOSCHKE, MARKUS, DE
[71] GOLDSCHMIDT AG, DE
[22] 2002-12-06
[43] 2003-08-23
[30] DE (102 07 891.2) 2002-02-23

[21] **2,413,912**
[13] A1
[51] **Int.Cl. 7B21D 39/20**
[25] EN
[54] **NON-METALLIC HYDRAULIC EXPANSION MANDREL**
[54] **MANDRIN EXPANSIBLE HYDRAULIQUE NON METALLIQUE**
[72] WARING, THOMAS, CA
[71] BABCOCK & WILCOX CANADA LTD., US
[22] 2002-12-06
[43] 2003-08-19
[30] US (10/078,751) 2002-02-19

[21] **2,414,564**
[13] A1
[51] **Int.Cl. 7G01N 1/28 7G01N 15/02**
[25] FR
[54] **APPAREIL ET METHODE POUR L'ELIMINATION DES BULLES DE GAZ DANS UN METAL EN FUSION**
[54] **APPARATUS AND METHOD FOR ELIMINATING GAS BUBBLES IN A MOLTEN METAL**
[72] BEDARD, MARC, CA
[71] BEDARD, MARC, CA
[22] 2003-01-06
[43] 2003-08-21
[30] CA (2,372,628) 2002-02-21

[21] **2,414,810**
[13] A1
[51] **Int.Cl. 7F16B 19/10**
[25] EN
[54] **SELF-LOCKING RIVET FASTENER**
[54] **RIVET AUTO-BLOQUANT**
[72] HEFLIN, CHAD E., US
[72] SIRAGUSA, GEORGE, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2002-12-18
[43] 2003-08-20
[30] US (10/080,318) 2002-02-20

[21] **2,414,836**
[13] A1
[51] **Int.Cl. 7A61H 33/00**
[25] EN
[54] **NEGATIVE OR VANISHING EDGE FOR SPAS AND/OR HOT TUBS**
[54] **BORD DISSIMULE POUR CUVES THERMALES**
[72] ELKINGTON, DONALD ALFRED, CA
[72] TOYE, REGINALD, CA
[71] COAST SPAS MANUFACTURING INC., CA
[22] 2002-12-19
[43] 2003-08-19
[30] US (10/079,836) 2002-02-19

Demandes canadiennes mises à la disponibilité du public
17 août 2003 - 23 août 2003

[21] **2,415,511**
[13] A1

[51] **Int.Cl. 7D06F 39/02 7G07F 17/20**
[25] EN
[54] **WASHING MACHINE WITH PAY ACTIVATED BULK DETERGENT DISPENSER**
[54] **LAVEUSE AVEC DISTRIBUTEUR PAYANT DE DETERGENT EN VRAC**
[72] WUNDERLICH, DANIEL F., US
[72] SEARS, JEFFREY L., US
[71] MAYTAG CORPORATION, US
[22] 2002-12-30
[43] 2003-08-19
[30] US (10/078,647) 2002-02-19

[21] **2,415,540**
[13] A1

[51] **Int.Cl. 7B60P 1/36 7B65G 67/24**
[25] EN
[54] **DUMP TRUCK WITH REMOVABLE/EXTENDABLE CONVEYOR AND SPREADER**
[54] **BENNE BASCULANTE AVEC CONVOYEUR ET EPANDEUR AMOVIBLES ET TELESCOPIQUES**
[72] ARNE, JOHN R., US
[72] BAILEY, GEORGE M., US
[71] THE LOUIS BERKMAN COMPANY, US
[22] 2003-01-02
[43] 2003-08-19
[30] US (10/078,943) 2002-02-19

[21] **2,415,988**
[13] A1

[51] **Int.Cl. 7B03D 1/00 7C22B 3/00**
[25] EN
[54] **NEW PROCESS FOR SEPARATION OF BASTNAESITE FROM WEATHERED BASTNAESITE BARITE FLUORITE ORES**
[54] **NOUVELLE METHODE DE SEPARATION DE LA BASTNAESITE DE MINERAIS ALTERES CONTENANT DE LA BASTNAESITE, DE LA BARYTINE ET DE LA FLUORINE**
[72] BULATOVIC, SRDJAN, CA
[71] SUMIKO CONSULTANTS CO., LTD., JP
[22] 2003-01-09
[43] 2003-08-22
[30] JP (2002-045901) 2002-02-22

[21] **2,416,405**
[13] A1

[51] **Int.Cl. 7A61K 7/32**
[25] EN
[54] **LOW RESIDUE LIQUID ANTIPERSPIRANT COMPOSITION**
[54] **COMPOSITION D'UN PRODUIT ANTISUDORIFIQUE LIQUIDE A FAIBLE RESIDU**
[72] MURPHY, C. SHAWN, US
[72] BOYLE, KRISTIN ANN, US
[71] THE ANDREW JERGENS COMPANY, US
[22] 2002-12-30
[43] 2003-08-19
[30] US (10/078,838) 2002-02-19

[21] **2,416,743**
[13] A1

[51] **Int.Cl. 7F16S 3/00 7E04C 3/02 7E04C 3/30**
[25] EN
[54] **ELONGATED HOLLOW MEMBER FOR SUSPENDING OBJECTS**
[54] **ELEMENT CREUX ALLONGE POUR SUSPENDRE DES OBJETS**
[72] BIRNBAUM, ULRICH, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2003-01-20
[43] 2003-08-22
[30] DE (10207625.1) 2002-02-22

[21] **2,416,806**
[13] A1

[51] **Int.Cl. 7E04D 1/20**
[25] EN
[54] **TOUGHER, SOFTER NONWOVEN SHEET PRODUCT**
[54] **PRODUIT EN FEUILLE NON TISSE PLUS ROBUSTE ET PLUS SOUPLE**
[72] NATH, SUBHRA K., US
[72] SCHWARTZ, CHARLES STEVEN, US
[72] SCHMIT, NICO, LU
[72] MARSHALL, LARRY R., US
[72] DECKER, DIDIER, FR
[72] GUCKERT, JOSEPH R., US
[72] LITTLE, BRIAN P., US
[72] MARIN, ROBERT ANTHONY, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[22] 2003-01-17
[43] 2003-08-22
[30] US (10/080,800) 2002-02-22

[21] **2,416,841**
[13] A1

[51] **Int.Cl. 7B41N 1/22 7B41F 5/24 7B41F 3/54**
[25] EN
[54] **THIN-WALLED REINFORCED SLEEVE WITH INTEGRAL COMPRESSIBLE LAYER**
[54] **MANCHON A PAROI MINCE RENFORCEE AVEC COUCHE COMPRESSIBLE INTEGREE**
[72] BUSSHOFF, MARIO, DE
[72] KOCKENTIEDT, MICHAEL, DE
[72] SCHERRMAN, BRETT TRACY, US
[71] DAY INTERNATIONAL, INC., US
[22] 2003-01-17
[43] 2003-08-19
[30] US (10/078,829) 2002-02-19

[21] **2,417,054**
[13] A1

[51] **Int.Cl. 7B65B 17/02**
[25] EN
[54] **MACHINE FOR PACKAGING CONTAINERS**
[54] **MACHINE POUR L'EMBALLAGE DE CONTENANTS**
[72] LUND, KENNETH JOHN, GB
[72] MOORE, KEVIN, US
[72] WALKER, RACHELL, US
[72] HAMILTON, KEITH, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-01-23
[43] 2003-08-21
[30] US (10/080,271) 2002-02-21

[21] **2,417,069**
[13] A1

[51] **Int.Cl. 7B25F 5/00 7H02J 7/00 7H02K 7/14**
[25] EN
[54] **BATTERY POWERED HYDRAULIC TOOL**
[54] **OUTIL HYDRAULIQUE A BATTERIE**
[72] LEFAVOUR, JOHN D., US
[72] STELZER, GORDON L., US
[72] MONTMINY, ARMAND T., US
[72] CHADBOURNE, CHRISTOPHER G., US
[71] FCI AMERICAS TECHNOLOGY, INC., US
[22] 2003-01-22
[43] 2003-08-19
[30] US (10/080,281) 2002-02-19

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,417,072**
[13] A1
[51] **Int.Cl. 7B32B 15/14 7B32B 15/08
7B32B 7/12 7B64C 1/12 7B32B 31/20**
[25] EN
[54] **METHODS OF MANUFACTURING
A STIFFENING ELEMENT FOR AN
AIRCRAFT SKIN PANEL AND A SKIN
PANEL PROVIDED WITH THE
STIFFENING ELEMENT**
[54] **METHODES DE FABRICATION
D'UN ELEMENT DE RENFORT POUR
PANNEAU DE REVETEMENT
D'AERONEF, ET PANNEAU DE
REVETEMENT FOURNI AVEC
L'ELEMENT DE RENFORT**
[72] PUCCINI, GEREMIA, IT
[72] LIVI, FRANCESCO, IT
[71] ALENIA AERONAUTICA S.P.A., IT
[22] 2003-01-23
[43] 2003-08-19
[30] EP (02425082.1) 2002-02-19

[21] **2,417,303**
[13] A1
[51] **Int.Cl. 7A63H 27/00**
[25] EN
[54] **AERODYNAMIC FLYING RING**
[54] **ANNEAU VOLANT
AERODYNAMIQUE**
[72] KOTSONIS, PETER F., US
[72] SUMTER, JOHN E., US
[71] DART INDUSTRIES INC., US
[22] 2003-01-24
[43] 2003-08-22
[30] US (10/082,526) 2002-02-22

[21] **2,417,318**
[13] A1
[51] **Int.Cl. 7E21B 10/26**
[25] EN
[54] **EXPANDABLE UNDERREAMER/
STABILIZER**
[54] **ELARGISSEUR/STABILISATEUR
EXTENSIBLE**
[72] DEWEY, CHARLES H., US
[72] XU, WEI, US
[71] SMITH INTERNATIONAL, INC., US
[22] 2003-01-23
[43] 2003-08-19
[30] US (10/078,067) 2002-02-19

[21] **2,417,342**
[13] A1
[51] **Int.Cl. 7A01K 43/00 7A01K 45/00
7G01N 33/08**
[25] EN
[54] **ULTRASOUND SEX
DETERMINATION OF AVIAN
HATCHLINGS**
[54] **DETERMINATION DU SEXE DE
POUSSINS PAR ULTRASON**
[72] TOELKEN, L. TAIZO, US
[71] ULTRA-HATCH, INC., US
[22] 2003-01-24
[43] 2003-08-20
[30] US (10/080,277) 2002-02-20
[30] US (10/175,372) 2002-06-19

[21] **2,417,614**
[13] A1
[51] **Int.Cl. 7F16J 15/54**
[25] EN
[54] **SHAFT SEAL**
[54] **GARNITURE D'ETANCHEITE
D'ARBRE**
[72] GRIGGS, STEVEN H., US
[72] LEWIS, MICHAEL L., US
[72] CARRIGAN, CHRISTOPHER A., US
[72] CARRIGAN, ERWIN R., US
[71] EMERSON POWER TRANSMISSION,
US
[22] 2003-01-29
[43] 2003-08-21
[30] US (10/080,259) 2002-02-21

[21] **2,417,814**
[13] A1
[51] **Int.Cl. 7F01N 7/08 7B60K 13/04**
[25] EN
[54] **EXHAUST ISOLATOR SYSTEM**
[54] **ISOLATEURS DE TUYAU
D'ECHAPPEMENT**
[72] KROMIS, PETER J., US
[72] CERRI, JOSEPH F., III, US
[71] THE PULLMAN COMPANY, US
[22] 2003-01-30
[43] 2003-08-20
[30] US (10/079,037) 2002-02-20

[21] **2,418,178**
[13] A1
[51] **Int.Cl. 7F02M 25/07**
[25] EN
[54] **EXHAUST GAS RECIRCULATION
SYSTEM**
[54] **SYSTEME DE RECIRCULATION
DES GAZ D'ECHAPPEMENT**
[72] REDON, FABIEN G., US
[71] DETROIT DIESEL CORPORATION,
US
[22] 2003-01-31
[43] 2003-08-21
[30] US (10/080,218) 2002-02-21

[21] **2,418,192**
[13] A1
[51] **Int.Cl. 7G08C 19/00**
[25] EN
[54] **REMOTE INPUT/OUTPUT DEVICE**
[54] **DISPOSITIF D'ENTREE-SORTIE A
DISTANCE**
[72] YONEYA, MAKOTO, JP
[71] DAIFUKU CO., LTD., JP
[22] 2003-01-31
[43] 2003-08-20
[30] JP (2002-042416) 2002-02-20

[21] **2,418,345**
[13] A1
[51] **Int.Cl. 7A61B 8/12**
[25] EN
[54] **LOCATION SENSING WITH REAL-
TIME ULTRASOUND IMAGING**
[54] **DETECTION DE SITES AU MOYEN
D'IMAGERIE ULTRASONORE EN
TEMPS REEL**
[72] GOVARI, ASSAF, IL
[72] BELETISKY, ILYA, IL
[71] BIOSENSE, INC., US
[22] 2003-02-04
[43] 2003-08-19
[30] US (10/078,746) 2002-02-19

Demandes canadiennes mises à la disponibilité du public
17 août 2003 - 23 août 2003

[21] **2,418,409**
[13] A1

[51] **Int.Cl. 7C08L 39/00 7C08L 33/22**
[25] EN
[54] **UNIQUE COMPOSITIONS HAVING UTILITY IN RUBBER APPLICATIONS**
[54] **COMPOSES EXCEPTIONNELS POUVANT ETRE UTILISES DANS LES CAOUTCHOUCS**
[72] FILES, EDMEE, US
[72] HOFER, THOMAS, US
[71] ZEON CHEMICALS, L.P., US
[22] 2003-02-03
[43] 2003-08-21
[30] US (10/078,470) 2002-02-21

[21] **2,418,425**
[13] A1

[51] **Int.Cl. 7G01F 1/10**
[25] EN
[54] **METHOD AND DEVICE FOR MEASURING AIRFLOWS THROUGH HVAC GRILLES**
[54] **METHODE ET DISPOSITIF POUR MESURER LE DEBIT D'AIR DANS DES GRILLES DE CVCA**
[72] FARMER, BRIAN, US
[72] HAGEMAN, ROBERT, US
[72] MODERA, MARK PETER, US
[71] CARRIER CORPORATION, US
[22] 2003-02-03
[43] 2003-08-21
[30] US (60/358,641) 2002-02-21
[30] US (10/338,447) 2003-01-08

[21] **2,418,476**
[13] A1

[51] **Int.Cl. 7G01D 21/00 7B64D 43/00 7G01H 17/00 7G01R 23/16 7G01N 21/25**
[25] FR
[54] **PROCEDE D'IDENTIFICATION D'UNE SOURCE D'UN SIGNAL**
[54] **PROCEDURE FOR THE IDENTIFICATION OF THE SOURCE OF A SIGNAL**
[72] RAMILLON, PIERRE, FR
[72] COLLOREC, LUC, FR
[72] CASSAN, HENRI, FR
[71] AIRBUS FRANCE, FR
[22] 2003-02-10
[43] 2003-08-18
[30] FR (0201996) 2002-02-18

[21] **2,418,489**
[13] A1

[51] **Int.Cl. 7H02B 13/065 7H02B 7/01 7H02B 5/06**
[25] FR
[54] **TRVERSEE DE COURANT SOUS ENVELOPPE METALLIQUE ETANCHE AU GAZ**
[54] **SEAL WIRE WITH GAS-TIGHT METALLIC COVERING**
[72] ALFONSI, SATURNIN, FR
[72] MOTRO, PASCAL, FR
[71] ALSTOM, FR
[22] 2003-02-17
[43] 2003-08-18
[30] FR (02 02 039) 2002-02-18

[21] **2,418,492**
[13] A1

[51] **Int.Cl. 7C22C 9/00**
[25] EN
[54] **CU-BASED ALLOY AND METHOD OF MANUFACTURING HIGH STRENGTH AND HIGH THERMAL CONDUCTIVE FORGED ARTICLE USING THE SAME**
[54] **ALLIAGE A BASE DE CU ET METHODE DE PRODUCTION D'ARTICLES FORGES DE HAUTE RESISTANCE ET DE CONDUCTIVITE THERMIQUE ELEVEE AVEC CET ALLIAGE**
[72] MINO, KAZUAKI, JP
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP
[22] 2003-02-05
[43] 2003-08-21
[30] JP (2002-044889) 2002-02-21

[21] **2,418,532**
[13] A1

[51] **Int.Cl. 7C08L 53/02 7C08L 29/06 7C08L 23/08 7C08J 5/18**
[25] EN
[54] **THERMOPLASTIC POLYMER COMPOSITION HAVING BARRIER PROPERTIES**
[54] **COMPOSE DE POLYMERE THERMOPLASTIQUE AYANT DES PROPRIETES BARRIERE**
[72] MASUDA, HARUHISA, JP
[71] KURARAY CO., LTD., JP
[22] 2003-02-07
[43] 2003-08-22
[30] JP (2002-046970) 2002-02-22

[21] **2,418,534**
[13] A1

[51] **Int.Cl. 7A44C 17/00 7G01N 21/87**
[25] EN
[54] **CUT DESIGN OF DIAMONDS PROVIDING PLENTY OF VISUAL-PERCEPTIBLE REFLECTION FOR ORNAMENTAL USE AND OBSERVATION METHOD THEREOF**
[54] **MODE DE COUPE DE DIAMANTS PERMETTANT D'OBTENIR DE NOMBREUSES REFLEXIONS OBSERVABLES A DES FINS DECORATIVES, ET LEUR METHODE D'OBSERVATION**
[72] KAWABUCHI, YOSHINORI, JP
[72] MATSUMURA, TAMOTSU, JP
[71] HOHOEMI BRAINS, INC., JP
[22] 2003-02-06
[43] 2003-08-19
[30] JP (2002-041319) 2002-02-19
[30] JP (2002-253011) 2002-08-30

[21] **2,418,575**
[13] A1

[51] **Int.Cl. 7G02B 26/08 7G02B 6/35**
[25] EN
[54] **LIGHT CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE LUMIERE**
[72] NORIMATSU, TOSHIHIDE, JP
[71] JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED, JP
[22] 2003-02-05
[43] 2003-08-22
[30] JP (2002-045961) 2002-02-22

[21] **2,418,590**
[13] A1

[51] **Int.Cl. 7B27N 3/26 7H05B 6/80**
[25] EN
[54] **APPARATUS FOR HOT-PRESSING A PLANAR PRODUCT**
[54] **DISPOSITIF DE PRESSAGE A CHAUD D'UN ARTICLE PLAN**
[72] VILO, JAAKKO, FI
[71] RAUTE OYJ, FI
[22] 2003-02-07
[43] 2003-08-18
[30] FI (20020321) 2002-02-18

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,418,671**
[13] A1
[51] **Int.Cl. 7G08B 27/00 7H04N 7/025 7H04M 11/04 7G08B 21/10 7G08B 21/12 7E02B 7/22**
[25] EN
[54] **METHOD AND APPARATUS FOR ACTIVATING WARNING DEVICES**
[54] **METHODE ET APPAREIL POUR DECLENCHER DES DISPOSITIFS D'ALARME**
[72] SMITH, MICHAEL R., US
[71] WEATHERDATA, INC., US
[22] 2003-02-07
[43] 2003-08-22
[30] US (10/079,570) 2002-02-22

[21] **2,418,696**
[13] A1
[51] **Int.Cl. 7F16B 7/04**
[25] EN
[54] **A CONNECTING CLAMP, PARTICULARLY FOR MESH CABLE TRAYS WITH LOW SIDES**
[54] **BRIDE DE SERRAGE, EN PARTICULIER POUR CHEMINS DE CABLES MAILLES A BORDS PEU ELEVES**
[72] GARASSINO, LUCA, IT
[72] FINCO, ALAN, IT
[71] LEGRAND S.P.A., IT
[22] 2003-02-10
[43] 2003-08-18
[30] IT (TO2002A000136) 2002-02-18

[21] **2,418,767**
[13] A1
[51] **Int.Cl. 7A61M 1/10 7A61M 1/12**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING LIMITED BACK-FLOW IN A BLOOD PUMP DURING A NON-PUMPING STATE**
[54] **METHODE ET APPAREIL PERMETTANT DE LIMITER LE REFLUX DANS UNE POMPE A SANG DURANT UN ARRET DE POMPAGE**
[72] HOLMES, JOHN A., US
[72] BURGREN, GREG, US
[72] PADEN, BRAD, US
[72] BORZELLECA, DAVID, US
[72] WU, ZHONGJUN, US
[72] ANTAKI, JAMES, US
[72] HEILMAN, MARTIN S., US
[72] MOORE, DANIEL R., US
[72] KOLENIK, STEVE A., US
[72] CAPONE, CHRISTOPHER D., US
[72] PARISI, CARL M., US
[72] PREM, EDWARD K., US
[72] SOFRANKO, RICHARD A., US
[71] UNIVERSITY OF PITTSBURGH, US
[71] VASCOR, INC., US
[22] 2003-02-12
[43] 2003-08-21
[30] US (60/358,550) 2002-02-21
[30] US (10/325,275) 2002-12-19

[21] **2,418,783**
[13] A1
[51] **Int.Cl. 7A01G 7/00**
[25] FR
[54] **AGENT POUR LA STIMULATION DES DEFENSES NATURELLES DES PLANTES ET PROCEDE POUR SA MISE EN OEUVRE**
[54] **AGENT FOR STIMULATING THE NATURAL DEFENCES OF PLANTS AND PROCESS FOR ITS IMPLEMENTATION**
[72] FRITIG, BERNARD, FR
[72] KAUFMANN, SERGE, FR
[72] YVIN, JEAN-CLAUDE, FR
[72] MENARD, ROZENN, FR
[71] LABORATOIRES GOEMAR S.A., FR
[22] 2003-02-20
[43] 2003-08-20
[30] FR (FR 02 02144) 2002-02-20

[21] **2,418,786**
[13] A1
[51] **Int.Cl. 7G01S 5/14 7H04Q 7/36**
[25] FR
[54] **SYSTEME DE LOCALISATION 3D DE GRANDE PRECISION**
[54] **HIGH-PRECISION 3-D LOCATION DEVICE**
[72] HETHUIN, SERGE, FR
[72] EUMURIAN, GREGOIRE, FR
[72] GIRAUDO, MICHEL, FR
[71] THALES, FR
[22] 2003-02-21
[43] 2003-08-22
[30] FR (02 02302) 2002-02-22

[21] **2,418,827**
[13] A1
[51] **Int.Cl. 7F41C 27/00 7F41A 35/00 7F41B 7/08 7A63H 33/30 7G08B 5/36**
[25] EN
[54] **MOTION DETECTING SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE DETECTANT LE MOUVEMENT**
[72] DWORZAN, WILLIAM S., US
[72] ZADRA, LAWRENCE, US
[71] S/R INDUSTRIES, INC., US
[22] 2003-02-14
[43] 2003-08-18
[30] US (60/357,728) 2002-02-18
[30] US (60/361,472) 2002-03-01

[21] **2,418,852**
[13] A1
[51] **Int.Cl. 7H04M 1/80 7H04M 3/58**
[25] EN
[54] **CALL HOLD SIGNALING**
[54] **SIGNALISATION DE MISE EN GARDE D'APPEL**
[72] HSIAO, TUNG-HAI, US
[72] FOLADARE, MARK JEFFREY, US
[72] BURG, FREDERICK MURRAY, US
[71] AT&T CORP., US
[22] 2003-02-12
[43] 2003-08-19
[30] US (10/078,685) 2002-02-19

Demandes canadiennes mises à la disponibilité du public
17 août 2003 - 23 août 2003

[21] **2,418,866**
[13] A1

[51] **Int.Cl. 7G06F 3/12 7G06K 15/02**
[25] EN
[54] **PRINTER DRIVER USER INTERFACE AND SYSTEM**
[54] **INTERFACE UTILISATEUR DE PILOTE ET SYSTEME**
[72] EDMONDS, JONATHAN A., US
[71] XEROX CORPORATION, US
[22] 2003-02-14
[43] 2003-08-22
[30] US (10/082,478) 2002-02-22

[21] **2,418,867**
[13] A1

[51] **Int.Cl. 7A01D 43/08 7A01F 29/12 7A01D 41/127**
[25] EN
[54] **DISTRIBUTION DEVICE FOR A STRAW CHOPPER**
[54] **DISPOSITIF DE DISTRIBUTION POUR BROYEUR DE PAILLES**
[72] BUEERMANN, MARTIN, DE
[71] DEERE & COMPANY, US
[22] 2003-02-14
[43] 2003-08-22
[30] DE (102 07 479.8) 2002-02-22

[21] **2,418,923**
[13] A1

[51] **Int.Cl. 7H04B 10/20 7H04B 10/14**
[25] EN
[54] **A NODE, AN OPTICAL/ELECTRICAL PATH INTEGRATED NETWORK USING THE NODE, AND A PROGRAM WHICH CONTROLS THE NODE**
[54] **NOEUD, RESEAU INTEGRE A TRAJET OPTIQUE/ELECTRIQUE FAISANT APPEL AU NOEUD ET PROGRAMME DE COMMANDE DU NOEUD**
[72] OKI, EIJI, JP
[72] SHIOMOTO, KOHEI, JP
[72] KATAYAMA, MASARU, JP
[72] IMAJUKU, WATARU, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[22] 2003-02-14
[43] 2003-08-21
[30] JP (2002-045092) 2002-02-21
[30] JP (2002-054247) 2002-02-28

[21] **2,418,930**
[13] A1

[51] **Int.Cl. 7A61K 31/517 7A61K 49/00 7A61P 15/00 7A61K 31/4995**
[25] EN
[54] **USE OF AGENTS THAT MODULATE PDE11A ACTIVITY**
[54] **UTILISATION D'AGENTS MODULATEURS DE L'ACTIVITE DE PDE11A**
[72] LANFEAR, JEREMY, GB
[71] WAYMAN, CHRISTOPHER PETER, GB
[72] HARROW, IAN DENNIS, GB
[72] BURSLEM, MARTYN FRANK, GB
[72] PHILLIPS, STEPHEN CHARLES, GB
[71] PFIZER INC., GB
[22] 2003-02-21
[43] 2003-08-22
[30] GB (0204227.3) 2002-02-22

[21] **2,418,931**
[13] A1

[51] **Int.Cl. 7E04H 17/14**
[25] EN
[54] **PICKET FENCE CAP ASSEMBLY**
[54] **COIFFE DE PIEU DE PALISSADE**
[72] STEFFES, STEPHEN W., US
[71] CERTAINTED CORPORATION, US
[22] 2003-02-14
[43] 2003-08-22
[30] US (10/080,718) 2002-02-22

[21] **2,418,932**
[13] A1

[51] **Int.Cl. 7E04H 17/14**
[25] EN
[54] **PICKET FENCE CAP ASSEMBLY**
[54] **COIFFE DE PIEU DE PALISSADE**
[72] STEFFES, STEPHEN W., US
[71] CERTAINTED CORPORATION, US
[22] 2003-02-14
[43] 2003-08-22
[30] US (10/081,467) 2002-02-22

[21] **2,418,997**
[13] A1

[51] **Int.Cl. 7G06F 3/14 7G06F 17/00 7H04L 12/16**
[25] EN
[54] **METHOD FOR DYNAMICALLY GENERATING INTEGRATED GRAPHICAL DISPLAYS**
[54] **METHODE DE PRODUCTION DYNAMIQUE D'AFFICHAGES GRAPHIQUES INTEGRES**
[72] KOCON, LAWRENCE JOHN, US
[72] WALZ, RONALD ALBIN, US
[72] CANESSA, JOHN CHARLES, US
[72] DEGREE, DAVID CAMERON, US
[71] VOMELA SPECIALTY COMPANY, INC., US
[22] 2003-02-17
[43] 2003-08-18
[30] US (10/078,892) 2002-02-18

[21] **2,419,005**
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04B 7/005 7H04B 1/76**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING UPLINK POWER OFFSET INFORMATION IN A MOBILE COMMUNICATION SYSTEM SUPPORTING HSDPA**
[54] **APPAREIL ET METHODE D'EMISSION ET DE RECEPTION DE DONNEES RELATIVES AU DECALAGE DE PUISSANCE DE LIAISON MONTANTE DANS UN SYSTEME DE COMMUNICATION MOBILE QUI PREND EN CHARGE LE SERVICE HSDPA**
[72] KWAK, YONG-JUN, KR
[72] CHOI, SUNG-HO, KR
[72] LEE, JU-HO, KR
[72] LEE, KOOK-HEUL, KR
[72] SEO, MYEONG-SOOK, KR
[72] PARK, JOON-GOO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2003-02-17
[43] 2003-08-17
[30] KR (8873/2002) 2002-02-17

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,419,018**
[13] A1
[51] **Int.Cl. 7C22C 19/07 7F01D 5/28**
[25] EN
[54] **HIGH-TEMPERATURE MEMBER FOR USE IN GAS TURBINE**
[54] **ELEMENT HAUTE TEMPERATURE POUR TURBINE A GAZ**
[72] NISHI, KAZUYA, JP
[72] BABA, NOBORU, JP
[71] HITACHI, LTD., JP
[22] 2003-02-17
[43] 2003-08-21
[30] JP (2003-28986) 2003-02-06
[30] JP (2002-44095) 2002-02-21

[21] **2,419,094**
[13] A1
[51] **Int.Cl. 7B66B 11/00**
[25] EN
[54] **SUPPORT OF A DRIVE UNIT FOR A LIFT**
[54] **SUPPORT DE MECANISME D'ENTRAINEMENT A L'EPREUVE DES SOULEVEMENTS**
[72] KUTTEL, HEINRICH, CH
[72] CHOLINSKI, ANDRZEJ, CH
[71] INVENTIO AG, CH
[22] 2003-02-13
[43] 2003-08-18
[30] EP (02 405123.7) 2002-02-18

[21] **2,419,118**
[13] A1
[51] **Int.Cl. 7H05B 37/03 7H02J 13/00**
[25] EN
[54] **MONITORING AND MANAGEMENT SYSTEM FOR LIGHTING NETWORKS**
[54] **SYSTEME DE SURVEILLANCE ET DE GESTION POUR RESEAUX D'ECLAIRAGE**
[72] REVERBERI, GIORGIO, IT
[71] REVERBERI, GIORGIO, IT
[22] 2003-02-18
[43] 2003-08-22
[30] IT (RE2002A000014) 2002-02-22

[21] **2,419,045**
[13] A1
[51] **Int.Cl. 7A46B 15/00**
[25] EN
[54] **TOOTHBRUSH COMPRISING MAGNETIC ELEMENTS**
[54] **BROSSE A DENTS COMPRENANT DES ELEMENTS MAGNETIQUES**
[72] TINI, PAOLO GIUSEPPE, CH
[71] GRITAL GROUP (ANSTALT), LI
[22] 2003-02-17
[43] 2003-08-21
[30] EP (02 405 127.8) 2002-02-21

[21] **2,419,105**
[13] A1
[51] **Int.Cl. 7G06F 17/21**
[25] EN
[54] **GENERATING WITH LEXICAL FUNCTIONAL GRAMMARS**
[54] **GENERATION AVEC GRAMMAIRES FONCTIONNELLES LEXICALES**
[72] SHEMTOV, HADAR, US
[72] MAXWELL, JOHN T., III, US
[71] XEROX CORPORATION, US
[22] 2003-02-13
[43] 2003-08-20
[30] US (60/359,176) 2002-02-20
[30] US (10/260,652) 2002-09-27
[30] US (10/256,658) 2002-09-27

[21] **2,419,120**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **SYSTEM AND METHOD FOR SEARCHING, FINDING AND CONTACTING DATES ON THE INTERNET IN INSTANT MESSAGING NETWORKS AND/OR IN OTHER METHODS THAT ENABLE IMMEDIATE FINDING AND CREATING IMMEDIATE CONTACT**
[54] **SYSTEME ET METHODE POUR TROUVER DES PERSONNES ET COMMUNIQUER AVEC ELLES EN VUE D'UN RENDEZ-VOUS, SUR INTERNET, SUR DES RESEAUX DE MESSAGERIE INSTANTANEE ET/OU SELON D'AUTRES METHODES PERMETTANT D'ENTRER EN CONTACT IMMEDIAT**
[72] MAYER, YARON, IL
[71] MAYER, YARON, IL
[22] 2003-02-18
[43] 2003-08-19
[30] US (60/359,554) 2002-02-19
[30] US (60/370,631) 2002-04-02
[30] US (60/376,235) 2002-04-24
[30] US (10/328,088) 2002-12-20
[30] IL (149320) 2002-04-24

[21] **2,419,072**
[13] A1
[51] **Int.Cl. 7B65D 81/20**
[25] EN
[54] **VACUUM CONTAINER**
[54] **CONTENEUR SOUS VIDE**
[72] WANG, SOO CHANG, KR
[71] KOREA ALPHALINE CO. LTD., KR
[22] 2003-02-18
[43] 2003-08-18
[30] KR (KR-U-2002-4815) 2002-02-18

[21] **2,419,112**
[13] A1
[51] **Int.Cl. 7H04M 3/493 7G10L 21/00 7G10L 13/02 7G10L 15/26 7G06F 17/28**
[25] EN
[54] **VOICE ACTIVATED LANGUAGE TRANSLATION**
[54] **TRADUCTION ACTIVEE PAR LA VOIX**
[72] LORD, JOHN RAYMOND, CA
[71] MITEL KNOWLEDGE CORPORATION, CA
[22] 2003-02-18
[43] 2003-08-21
[30] GB (0204056.6) 2002-02-21

[21] **2,419,086**
[13] A1
[51] **Int.Cl. 7B65D 55/08**
[25] EN
[54] **TAMPER-INDICATING CLOSURE AND PACKAGE**
[54] **FERMETURE DE SECURITE ET PAQUET**
[72] FUCHS, TIMOTHY J., US
[71] OWENS-ILLINOIS CLOSURE INC., US
[22] 2003-02-18
[43] 2003-08-22
[30] US (10/082,690) 2002-02-22

Demandes canadiennes mises à la disponibilité du public

17 août 2003 - 23 août 2003

[21] **2,419,165**
[13] A1

[51] **Int.Cl. 7F04D 29/00 7F25B 43/02**
[25] EN
[54] **PROCESS FLUID RECYCLE SYSTEM FOR A COMPRESSOR ASSEMBLY**
[54] **SYSTEME DE RECYCLAGE DE FLUIDE DE COMPRESSEUR**
[72] BAKER, ROBERT LEROY, US
[72] HENZLER, GREGORY WILLIAM, US
[72] EVANS, ALFRED PETER, US
[72] NENOV, NENO TODOROV, US
[72] NOWOBILSKI, JEFFERT JOHN, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2003-02-18
[43] 2003-08-19
[30] US (10/076,411) 2002-02-19

[21] **2,419,166**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 29/02 7H04L 12/40**
[25] EN
[54] **COMMUNICATION APPARATUS MANAGING OTHER NODE AND COMMUNICATION APPARATUS MANAGED BY OTHER NODE**
[54] **APPAREIL DE COMMUNICATION GERANT UN AUTRE NOEUD ET APPAREIL DE COMMUNICATION GERE PAR UN AUTRE NOEUD**
[72] OOHARA, KAZUHIRO, JP
[71] YAMAHA CORPORATION, JP
[22] 2003-02-18
[43] 2003-08-20
[30] JP (2002-043588) 2002-02-20

[21] **2,419,167**
[13] A1

[51] **Int.Cl. 7H04L 12/66 7H04M 11/06 7H04L 12/24**
[25] EN
[54] **SOLUTION TO ENHANCED EMERGENCY SERVICES (E.G. 911) FOR IP TELEPHONY SYSTEMS**
[54] **SOLUTION POUR AMELIORER DES SERVICES D'URGENCE (P. EX. 911) SUR RESEAUX DE TELEPHONIE IP**
[72] KITTLE, GEORGE THOMAS, US
[72] DUNLAP, EDWARD DARL, US
[72] PUCYK, ANDRE JOSEPH, CA
[71] MITEL KNOWLEDGE CORPORATION, CA
[22] 2003-02-18
[43] 2003-08-19
[30] US (10/080,039) 2002-02-19

[21] **2,419,169**
[13] A1

[51] **Int.Cl. 7B62J 27/00 7B62J 39/00 7B62K 11/00**
[25] EN
[54] **HANDLE ACCESSORY FOR VEHICLE**
[54] **ACCESSOIRE DE POIGNEE POUR VEHICULE**
[72] TROTTIER, STEVE, CA
[71] TROTTIER, STEVE, CA
[22] 2003-02-18
[43] 2003-08-21
[30] CA (2,372,324) 2002-02-21

[21] **2,419,190**
[13] A1

[51] **Int.Cl. 7B42D 15/10**
[25] EN
[54] **METHOD OF PREPARING A SECURITY DOCUMENT**
[54] **METHODE DE PREPARATION D'UN DOCUMENT DE SECURITE**
[72] DEAN, JULIA RUTH, GB
[72] HOWLAND, PAUL, GB
[72] STONE, DAVID, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[22] 2003-02-18
[43] 2003-08-19
[30] GB (0203916.2) 2002-02-19

[21] **2,419,195**
[13] A1

[51] **Int.Cl. 7B21D 43/05**
[25] EN
[54] **DEVICE TO FEED WORK PIECES USING GRIPPING RAILS**
[54] **DISPOSITIF D'ALIMENTATION DE PIECES A TRAVAILLER A L'AIDE DE RAILS DE PREHENSION**
[72] ZEIBIG, UWE, DE
[72] NOCK, KLEMENS, DE
[71] ERDRICH BETEILIGUNGS GMBH, DE
[22] 2003-02-19
[43] 2003-08-19
[30] DE (102 06 773.2) 2002-02-19

[21] **2,419,197**
[13] A1

[51] **Int.Cl. 7B65G 33/08 7B65G 69/20**
[25] EN
[54] **METHOD OF, AND DEVICE FOR, DISPENSING BULK MATERIAL**
[54] **METHODE ET DISPOSITIF DE DISTRIBUTION DE MATERIAUX EN VRAC**
[72] SCHLOSSER, WERNER, DE
[71] BMH CHRONOS RICHARDSON GMBH, DE
[22] 2003-02-18
[43] 2003-08-20
[30] EP (02003771.9) 2002-02-20

[21] **2,419,207**
[13] A1

[51] **Int.Cl. 7B65D 81/05**
[25] EN
[54] **CUSHIONING INSERT FOR PACKAGES**
[54] **PRODUIT DE CALAGE POUR EMBALLAGES**
[72] RAGSDALE, RANDALL W., US
[71] EATON CORPORATION, US
[22] 2003-02-19
[43] 2003-08-19
[30] US (10/078,895) 2002-02-19

[21] **2,419,211**
[13] A1

[51] **Int.Cl. 7B66C 19/00**
[25] EN
[54] **TRIANGULATED MOBILE GANTRY CRANE**
[54] **PORTIQUE ROULANT A SYSTEME TRIANGLE**
[72] JOHNSTON, ROGER L., US
[71] J & R ENGINEERING COMPANY, INC., US
[22] 2003-02-18
[43] 2003-08-22
[30] US (10/080,982) 2002-02-22

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,419,212**
[13] A1
[51] Int.Cl. 7H01M 6/16 7C07D 319/06
7H01M 10/26
[25] EN
[54] **ORGANIC CYCLIC CARBONATE
ADDITIVES FOR NONAQUEOUS
ELECTROLYTE IN ALKALI METAL
ELECTROCHEMICAL CELLS**
[54] **ADDITIFS A BASE DE
CARBONATE CYCLIQUE
ORGANIQUE POUR ELECTROLYTE
NON AQUEUX POUR PILES
ELECTROCHIMIQUES ALCALINE**
[72] GAN, HONG, US
[72] TAKEUCHI, ESTHER S., US
[71] WILSON GREATBATCH
TECHNOLOGIES, INC., US
[22] 2003-02-19
[43] 2003-08-20
[30] US (60/358,199) 2002-02-20

[21] **2,419,217**
[13] A1
[51] Int.Cl. 7B04B 5/00 7B01D 50/00
7B04B 5/10 7B01D 45/16
[25] EN
[54] **SEPARATORS FOR THREE-PHASE
OR TWO-PHASE FLUID MIXTURES
REALIZED WITH A CENTRIFUGAL
DEVICE DESIGNED FOR THE
SEPARATION OF THE GAS FROM THE
LIQUID MIXTURE**
[54] **SEPARATEURS DE MELANGES
DE FLUIDES TRIPHASIQUES OU
DIPHASIQUES REALISES AU MOYEN
D'UN DISPOSITIF CENTRIFUGE
CON_U POUR LA SEPARATION DU
GAZ D'AVEC LE MELANGE LIQUIDE**
[72] MILIA, SALVATORE, IT
[71] ING. MILIA & C. S.R.L., IT
[22] 2003-02-18
[43] 2003-08-19
[30] IT (MI2002A000329) 2002-02-19

[21] **2,419,235**
[13] A1
[51] Int.Cl. 7G02B 6/12 7H04J 14/02
**7G02B 6/124 7G01N 21/25 7G02B 6/293
7G02F 1/35**
[25] EN
[54] **OPTICAL ELEMENT AND
SPECTROSCOPIC DEVICE USING THE
SAME**
[54] **ELEMENT OPTIQUE ET
DISPOSITIF SPECTROSCOPIQUE
MUNI DE CET ELEMENT**
[72] KITTAKA, SHIGEO, JP
[72] TSUNETOMO, KEIJI, JP
[72] OYA, KAZUAKI, JP
[72] NAKAZAWA, TATSUHIRO, JP
[72] NARA, MASATOSHI, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[22] 2003-02-19
[43] 2003-08-19
[30] JP (2002-041160) 2002-02-19

[21] **2,419,215**
[13] A1
[51] Int.Cl. 7H04M 3/22 7H04M 1/57
[25] EN
[54] **METHOD AND APPARATUS FOR
DETECTION OF A TELEPHONE CPE
ALERTING SIGNAL**
[54] **METHODE ET APPAREIL DE
DETECTION D'UN SIGNAL D'ALERTE
D'EQUIPEMENT TELEPHONIQUE
LOCAL D'ABONNE**
[72] LOUIE, GARY, CA
[72] LEE, JULIAN, CA
[71] VTECH TELECOMMUNICATIONS,
LTD., HK
[22] 2003-02-19
[43] 2003-08-21
[30] US (10/079,969) 2002-02-21

[21] **2,419,233**
[13] A1
[51] Int.Cl. 7H01S 5/00 7H01S 5/125
7H01S 5/20
[25] EN
[54] **METHOD OF PRODUCING A
SEMICONDUCTOR LASER AND
OPTICAL INTEGRATED
SEMICONDUCTOR DEVICE
INCLUDING THE SAME**
[54] **METHODE DE FABRICATION
D'UN LASER A SEMI-CONDUCTEUR
ET DISPOSTIF OPTIQUE INTEGRE A
SEMI-CONDUCTEUR MUNI DE CE
LASER**
[72] YAMAZAKI, HIROYUKI, JP
[71] NEC COMPOUND
SEMICONDUCTOR DEVICES, LTD., JP
[22] 2003-02-20
[43] 2003-08-21
[30] JP (2002-044520) 2002-02-21

[21] **2,419,262**
[13] A1
[51] Int.Cl. 7C08J 3/24 7H01B 13/00
**7H01B 19/00 7C08K 5/07 7C08K 5/10
7C08J 3/28**
[25] EN
[54] **METHOD OF MANUFACTURING
A COMPOUND BASED ON A
THERMOPLASTIC**
[54] **METHODE DE FABRICATION
D'UN COMPOSE THERMOPLASTIQUE**
[72] MULLER, FRIEDRICH, DE
[72] BRIX, SUSANNE, DE
[72] RIETZ, ANDREAS, DE
[71] NEXANS, FR
[22] 2003-02-20
[43] 2003-08-22
[30] DE (10207673.1) 2002-02-22

[21] **2,419,234**
[13] A1
[51] Int.Cl. 7A45D 19/18 7A45D 8/40
[25] EN
[54] **CAP FOR TREATING LOCKS OF
HAIR, PROVIDED WITH MEANS FOR
ADJUSTING THE TENSION THEREOF**
[54] **COIFFE DE TRAITEMENT DE
MECHES DE CHEVEUX FOURNIE
AVEC TENDEURS**
[72] DI LUCA, GIUSEPPE, IT
[71] DIELE S.R.L., IT
[22] 2003-02-20
[43] 2003-08-22
[30] IT (MI2002A 000362) 2002-02-22

[21] **2,419,263**
[13] A1
[51] Int.Cl. 7H04Q 7/36 7H04L 29/08
[25] EN
[54] **TRANSMISSION CONTROL
APPARATUS AND TRANSMISSION
CONTROL METHOD**
[54] **APPAREIL DE CONTROLE DE
TRANSMISSION ET METHODE DE
CONTROLE DE TRANSMISSION**
[72] ATARASHI, HIROYUKI, JP
[72] SAWAHASHI, MAMORU, JP
[72] ABETA, SADAYUKI, JP
[71] NTT DOCOMO, INC., JP
[22] 2003-02-20
[43] 2003-08-21
[30] JP (P2002-045089) 2002-02-21

Demandes canadiennes mises à la disponibilité du public
17 août 2003 - 23 août 2003

[21] **2,419,307**
[13] A1

[51] **Int.Cl. 7H04M 3/493 7G10L 13/00**
7G10L 21/00 7G10L 15/26
[25] EN
[54] **SYSTEM AND METHOD FOR**
MESSAGE LANGUAGE TRANSLATION
[54] **SYSTEME ET METHODE DE**
TRADUCTION DE MESSAGE
[72] KASVAND, TONIS, CA
[72] HORVATH, STEVE, CA
[71] MITEL KNOWLEDGE
CORPORATION, CA
[22] 2003-02-20
[43] 2003-08-22
[30] GB (0204246.3) 2002-02-22

[21] **2,419,312**
[13] A1

[51] **Int.Cl. 7A61B 5/117 7G06K 9/00**
[25] EN
[54] **IRIS RECOGNITION SYSTEM**
[54] **SYSTEME DE RECONNAISSANCE**
DE L'IRIS
[72] CHAE, JANG JIN, KR
[72] LEE, WON HEE, KR
[71] LG ELECTRONICS INC., KR
[22] 2003-02-20
[43] 2003-08-21
[30] KR (9216/2002) 2002-02-21

[21] **2,419,324**
[13] A1

[51] **Int.Cl. 7C08G 18/72 7C08J 5/18**
7C08G 18/44 7C08G 18/48
[25] EN
[54] **THERMOPLASTICALLY**
PROCESSABLE POLYURETHANE
MOLDING COMPOUND
[54] **MELANGE A MOULER AU**
POLYURETHANNE
THERMOPLASTIQUE
[72] MUHLFELD, HORST, DE
[72] SCHAUBER, THOMAS, DE
[72] CHRISTOPH, ERICH, DE
[71] CARL FREUDENBERG KG, DE
[71] INTIER AUTOMOTIVE EYBL
INTERIORS GMBH, DE
[22] 2003-02-17
[43] 2003-08-18
[30] DE (10206839.9-43) 2002-02-18

[21] **2,419,325**
[13] A1

[51] **Int.Cl. 7E21B 43/24**
[25] EN
[54] **CONDUCTION HEATING AIDED**
DRAINAGE PROCESS FOR THE
RECOVERY OF HEAVY OIL AND
BITUMEN
[54] **PROCEDE DE DRAINAGE**
ASSISTE PAR CHAUFFAGE PAR
CONDUCTION POUR RECUPERER DU
PETROLE LOURD ET DE L'ASPHALTE
[71] KUSHNER, JEFF, CA
[72] SENDALL, RICHARD, CA
[72] DAS, SWAPAN, CA
[72] BAKER, DEREK, CA
[71] SUNCOR ENERGY INC., CA
[22] 2003-02-17
[43] 2003-08-18
[30] CA (2,372,360) 2002-02-18

[21] **2,419,326**
[13] A1

[51] **Int.Cl. 7A61L 27/42**
[25] EN
[54] **METHOD OF MAKING AN**
IMPLANT HAVING A METALLIC
POROUS SURFACE
[54] **METHODE DE FABRICATION**
D'UNE PROTHESE A UNE SURFACE
METALLIQUE POREUSE
[72] HOWARD, JERRY W., US
[72] HAWKINS, MICHAEL, US
[72] CHARLEBOIS, STEVEN JAMES, US
[71] ZIMMER, INC., US
[22] 2003-02-17
[43] 2003-08-20
[30] US (10/079,231) 2002-02-20

[21] **2,419,335**
[13] A1

[51] **Int.Cl. 7H01R 13/639 7H01R 13/629**
[25] EN
[54] **CONNECTOR POSITION**
ASSURANCE DEVICE AND LATCH
[54] **DISPOSITIF ET CLIQUET DE**
GARANTIE DE POSITION DE
CONNECTEUR
[72] KANE, VINCENT MICHAEL, US
[71] TYCO ELECTRONICS
CORPORATION, US
[22] 2003-02-17
[43] 2003-08-21
[30] US (10/081,198) 2002-02-21

[21] **2,419,339**
[13] A1

[51] **Int.Cl. 7F16B 21/00**
[25] EN
[54] **DETACHABLE INSERT**
CONNECTION ARRANGEMENT FOR A
RETAINING CHANNEL
[54] **RACCORD INTERCALAIRE**
AMOVIBLE POUR MORTAISE
[72] HOMNER, BERNHARD, DE
[72] SCHWARZ, HELMUT, DE
[71] SCHWARZ VERBINDUNGS-
SYSTEME GMBH, DE
[22] 2003-02-20
[43] 2003-08-21
[30] DE (202 02 681.7) 2002-02-21

[21] **2,419,350**
[13] A1

[51] **Int.Cl. 7C10M 169/04**
[25] EN
[54] **LUBRICATING OIL**
COMPOSITION
[54] **COMPOSITION D'HUILE**
LUBRIFIANTE
[72] ROBSON, ROBERT, GB
[72] HARTLEY, ROLFE J., US
[72] GLYDE, ROGER W., US
[72] WADDOUPS, MALCOLM, US
[72] BLOCH, RICARDO A., US
[71] INFINEUM INTERNATIONAL
LIMITED, GB
[22] 2003-02-20
[43] 2003-08-20
[30] US (10/079,798) 2002-02-20

[21] **2,419,356**
[13] A1

[51] **Int.Cl. 7A47J 31/40 7A47J 31/41**
[25] EN
[54] **BEVERAGE SYSTEM**
[54] **SYSTEME A BOISSONS**
[72] ZENG, XIAOQING SUZY, US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2003-02-21
[43] 2003-08-22
[30] US (10/080,779) 2002-02-22

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,419,357**
[13] A1
[51] **Int.Cl. 7G02B 27/28 7G02B 27/10 7H04B 10/20 7G02B 5/30**
[25] EN
[54] **POLARIZATION SCRAMBLER AND OPTICAL NETWORK USING THE SAME**
[54] **BROUILLEUR DE POLARISATION ET RESEAU OPTIQUE MUNI DE CE BROUILLEUR**
[72] TESHIMA, MITSUHIRO, JP
[72] FUJIWARA, MASAMICHI, JP
[72] TAKACHIO, NOBORU, JP
[72] IWATSUKI, KATSUMI, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[22] 2003-02-20
[43] 2003-08-22
[30] JP (2002-045956) 2002-02-22
[30] JP (2002-104254) 2002-04-05
[30] JP (2002-214849) 2002-07-24

[21] **2,419,364**
[13] A1
[51] **Int.Cl. 7B08B 3/00**
[25] EN
[54] **METHOD FOR AUTOMATIC COOKING CAVITY CLEANING**
[54] **METHODE D'AUTO-NETTOYAGE DES CAVITES A CUISSON**
[72] RIEFENSTEIN, LUTZ, DE
[72] MANICARDI, DARIO, IT
[71] ANGELO PO GRANDI CUCINE S.P.A., IT
[71] CONVOTHERM ELEKTROGERATE GMBH, DE
[22] 2003-02-20
[43] 2003-08-21
[30] DE (102 07 306.6) 2002-02-21

[21] **2,419,369**
[13] A1
[51] **Int.Cl. 7F02M 37/22**
[25] EN
[54] **FUEL FILTER HOUSING**
[54] **BOITIER DE FILTRE A CARBURANT**
[72] MATHEW, BONEY A., US
[71] MATHSON INDUSTRIES, US
[22] 2003-02-20
[43] 2003-08-21
[30] US (10/080,297) 2002-02-21

[21] **2,419,390**
[13] A1
[51] **Int.Cl. 7A61M 16/16 7A61M 16/10**
[25] EN
[54] **CONDUIT OVERHEATING DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE SURCHAUFFE DE CONDUIT**
[72] RUMBOLD, DUNCAN JAMES, NZ
[72] WHITE, CRAIG KARL, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2003-02-20
[43] 2003-08-20
[30] NZ (517342) 2002-02-20

[21] **2,419,395**
[13] A1
[51] **Int.Cl. 7B01D 35/02 7B01D 27/00 7E21B 43/28 7B01D 35/30**
[25] EN
[54] **AIR FILTER FOR A WELL**
[54] **FILTRE A AIR POUR PUITS**
[72] MEYERS, KENNETH A., US
[71] IN-WELL TECHNOLOGIES, INC., US
[22] 2003-02-20
[43] 2003-08-20
[30] US (10/079,285) 2002-02-20

[21] **2,419,415**
[13] A1
[51] **Int.Cl. 7A44C 9/00 7A44C 17/02**
[25] EN
[54] **RING AND MOUNTING FOR A PLURALITY OF GEMSTONES**
[54] **ANNEAU ET MONTURE POUR PLUSIEURS PIERRES PRECIEUSES**
[72] ARNELL, EDWARD ROY, CA
[71] ARNELL, EDWARD ROY, CA
[22] 2003-02-19
[43] 2003-08-19
[30] US (60/357,129) 2002-02-19

[21] **2,419,417**
[13] A1
[51] **Int.Cl. 7B66C 1/62**
[25] EN
[54] **APPARATUS FOR PRECISELY MANIPULATING ELONGATE OBJECTS ADJACENT TO AND SUCH AS ENERGIZED OVERHEAD HIGH VOLTAGE TRANSMISSION LINES**
[54] **APPAREIL PERMETTANT DE MANIPULER AVEC PRECISION DES OBJETS ALLONGES TELS QUE DES LIGNES DE TRANSPORT AERIENNES SOUS HAUTE TENSION ADJACENTES A DES LIGNES SIMILAIRES**
[72] O'CONNELL, DANIEL NEIL, CA
[72] DEVINE, CLIFFORD WILLIAM, CA
[71] O'CONNELL, DANIEL NEIL, CA
[71] DEVINE, CLIFFORD WILLIAM, CA
[22] 2003-02-19
[43] 2003-08-19
[30] US (60/357,116) 2002-02-19

[21] **2,419,441**
[13] A1
[51] **Int.Cl. 7H05B 41/14**
[25] EN
[54] **OPERATING DEVICE FOR LAMPS WITH A REGULATED SEPIC CONVERTER**
[54] **DISPOSITIF DE COMMANDE DE LAMPES A CONVERTISSEUR SEPIC A REGULATION AUTOMATIQUE**
[72] WEIRICH, MICHAEL, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE
[22] 2003-02-19
[43] 2003-08-20
[30] DE (102 07 105.5) 2002-02-20

[21] **2,419,458**
[13] A1
[51] **Int.Cl. 7F04D 7/04**
[25] EN
[54] **ELECTRIC SUBMERSIBLE PUMP WITH SPECIALIZED GEOMETRY FOR PUMPING VISCOUS CRUDE OIL**
[54] **POMPE ELECTRIQUE SUBMERSIBLE A GEOMETRIE SPECIALE POUR LE POMPAGE DE PETROLE BRUT VISQUEUX**
[72] VANDEVIER, JOSEPH E., US
[72] JAMES, MARK C., US
[72] GAY, FARRAL D., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2003-02-19
[43] 2003-08-20
[30] US (10/079,374) 2002-02-20

Demandes canadiennes mises à la disponibilité du public
17 août 2003 - 23 août 2003

[21] **2,419,511**
[13] A1

[51] **Int.Cl. 7B65D 6/22 7B65D 88/52**
[25] EN
[54] **CONTAINER WITH OVER CENTER CORNER LATCHES**
[54] **CONTENEUR AVEC VEROUS DE COINS D'ARC-BOUTEMENT**
[72] MILLER, DANIEL R., US
[72] FICKER, PAUL J., US
[71] BUCKHORN INC., US
[22] 2003-02-21
[43] 2003-08-22
[30] US (60/358,435) 2002-02-22

[21] **2,419,514**
[13] A1

[51] **Int.Cl. 7H02G 3/14 7H01R 13/00**
[25] EN
[54] **TWO PIECE WALLPLATE MEETING UL 514D STANDARD**
[54] **PLAQUE MURALE A DEUX PIECES CONFORME A LA NORME UL 514D**
[72] LUU, LIONEL V., US
[71] PACUSMA COMPANY LIMITED, HK
[22] 2003-02-21
[43] 2003-08-22
[30] US (60/358,367) 2002-02-22
[30] US (10/321,561) 2002-12-18

[21] **2,419,515**
[13] A1

[51] **Int.Cl. 7H05B 37/02**
[25] EN
[54] **LED DRIVE CIRCUIT AND METHOD**
[54] **CIRCUIT ET MODE DE COMMANDE DE DEL**
[72] BUSHELL, TIMOTHY GEORGE, GB
[72] WORGAN, MICHAEL CHRISTOPHER, GB
[71] OXLEY DEVELOPMENTS COMPANY LIMITED, GB
[22] 2003-02-21
[43] 2003-08-22
[30] GB (0204212.5) 2002-02-22

[21] **2,419,517**
[13] A1

[51] **Int.Cl. 7B05B 1/02**
[25] EN
[54] **WIDE SLIT NOZZLE AND COATING METHOD BY WIDE SLIT NOZZLE**
[54] **BEC DE PISTOLET A LARGE FENTE ET METHODE DE PULVERISATION APPLICABLE**
[72] MORI, SHIGEO, JP
[72] KATO, HISASHI, JP
[72] NAKAMURA, KAZUHIKO, JP
[72] NONOYAMA, AKIRA, JP
[71] AISIN KAKO KABUSHIKI KAISHA, JP
[22] 2003-02-21
[43] 2003-08-21
[30] JP (2002-044458) 2002-02-21
[30] JP (2003-024561) 2003-01-31

[21] **2,419,520**
[13] A1

[51] **Int.Cl. 7A01D 41/12**
[25] EN
[54] **DRIVE SYSTEM FOR A CROP PROCESSING DEVICE AND FOR A CROP TRANSPORT DEVICE OF A HARVESTING MACHINE**
[54] **SYSTEME DE COMMANDE D'UNE RECOLTEUSE EQUIPEE D'UN DISPOSITIF DE TRAITEMENT DES RECOLTES ET D'UN DISPOSITIF DE TRANSPORT DES RECOLTES**
[72] KEMPF, BERND, DE
[71] DEERE & COMPANY, US
[22] 2003-02-21
[43] 2003-08-22
[30] DE (102 07 67.4) 2002-02-22

[21] **2,419,523**
[13] A1

[51] **Int.Cl. 7G09B 9/00 7G06F 19/00**
[25] EN
[54] **APPARATUS AND METHOD FOR SIMULATING SENSOR IMAGERY**
[54] **APPAREIL ET METHODE DE SIMULATION D'IMAGERIE PAR CAPTEUR**
[72] TURNER, JAMES A., US
[71] L-3 COMMUNICATIONS CORPORATION, US
[22] 2003-02-21
[43] 2003-08-22
[30] US (10/080,911) 2002-02-22

[21] **2,419,570**
[13] A1

[51] **Int.Cl. 7H02J 7/00 7G06F 1/18 7H04Q 7/32**
[25] EN
[54] **POWER CIRCUIT AND METHOD FOR CONTROLLING SAME**
[54] **CIRCUIT D'ALIMENTATION ET METHODE DE COMMANDE CONNEXE**
[72] SASAKI, HIROSHI, JP
[71] NEC TOKIN CORPORATION, JP
[22] 2003-02-19
[43] 2003-08-21
[30] JP (2002-045219) 2002-02-21

[21] **2,419,596**
[13] A1

[51] **Int.Cl. 7G11C 7/10 7G06F 13/00 7H04L 9/32**
[25] EN
[54] **REMOTE PROGRAMMING OF SERIALIZED SEMICONDUCTOR DEVICES USING WEB OR INTERNET PROTOCOLS**
[54] **PROGRAMMATION A DISTANCE DE DISPOSITIFS A SEMI-CONDUCTEURS EN SERIE FAISANT APPEL A DES PROTOCOLES WEB OU INTERNET**
[72] WATSON, DAVID, CA
[72] ZHU, FRANCIS, CA
[71] MITEL KNOWLEDGE CORPORATION, CA
[22] 2003-02-19
[43] 2003-08-19
[30] GB (0203911.3) 2002-02-19

[21] **2,419,620**
[13] A1

[51] **Int.Cl. 7A61K 35/32 7A61K 35/28**
[25] EN
[54] **RESORBABLE EXTRACELLULAR MATRIX FOR RECONSTRUCTION OF BONE**
[54] **MATRICE EXTRACELLULAIRE RESORBABLE POUR LA RECONSTRUCTION OSSEUSE**
[72] GEISTLICH, PETER, CH
[71] ED. GEISTLICH SOEHNE AG FUER CHEMISCHE INDUSTRIE, CH
[22] 2003-02-21
[43] 2003-08-21
[30] US (60/357,839) 2002-02-21

Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

[21] **2,419,637**
[13] A1
[51] **Int.Cl. 7C09K 3/10 7B05D 5/00 7C08J 5/00 7E04G 23/02 7E04F 21/12**
[25] EN
[54] **MORE CONTROLLABLE FIBROUS PATCH SPRAY COMPOSITION**
[54] **COMPOSE DE REPARATION DE NATURE FIBREUSE, PULVERISABLE A L'AIDE D'UN DISPOSITIF A REGLAGE PLUS FIN**
[72] WOODS, JOHN R., US
[71] SPRAYTEX, INC., US
[22] 2003-02-21
[43] 2003-08-22
[30] US (10/080,940) 2002-02-22

[21] **2,419,683**
[13] A1
[51] **Int.Cl. 7C03C 21/00 7C03C 23/00 7B23K 26/38**
[25] EN
[54] **GLASS STRUCTURE AND METHOD FOR PRODUCING THE SAME**
[54] **VITRAGE ET METHODE DE PRODUCTION**
[72] KOYO, HIROTAKA, JP
[72] TSUNETOMO, KEIJI, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[22] 2003-02-24
[43] 2003-08-22
[30] JP (2002-045667) 2002-02-22

[21] **2,419,694**
[13] A1
[51] **Int.Cl. 7E02B 3/04**
[25] EN
[54] **A MODULAR REINFORCED FIBER LOG EROSION AND SEDIMENT CONTROL BARRIER**
[54] **BARRIERE MODULAIRE DE LUTTE CONTRE L'EROSION ET LES SEDIMENTS EN FIBRES RENFORCEES**
[72] SPANGLER, J. ERIC, US
[72] JAYANATH, KUMAR GOPALAN, US
[72] ABBOTT, BOB, US
[72] BLAZEK, JAMES A., US
[71] FIBER KING, LLP DBA KING FIBRE CORPORATION, US
[22] 2003-02-21
[43] 2003-08-22
[30] US (60/358,816) 2002-02-22
[30] US (10/144,466) 2002-05-13

[21] **2,419,664**
[13] A1
[51] **Int.Cl. 7A61M 29/00 7A61F 2/06**
[25] EN
[54] **SELF-EXPANDING STENT DELIVERY SYSTEM**
[54] **SYSTEME D'APPLICATION D'ENDOPROTHESE AUTO-EXTENSIBLE**
[72] WIDENHOUSE, CHRISTOPHER WILLIAM, US
[71] CORDIS CORPORATION, US
[22] 2003-02-21
[43] 2003-08-22
[30] US (10/080,970) 2002-02-22

[21] **2,419,684**
[13] A1
[51] **Int.Cl. 7G02B 1/00 7G02B 3/00**
[25] EN
[54] **PLANAR LENS**
[54] **LENTILLE PLANE**
[72] TSUDA, MASAHIRO, JP
[72] YOSHII, SHIGEKAZU, JP
[72] SAKAGUCHI, KOICHI, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[22] 2003-02-24
[43] 2003-08-22
[30] JP (2002-046194) 2002-02-22
[30] JP (2002-141475) 2002-05-16
[30] JP (2002-303199) 2002-10-17

[21] **2,419,707**
[13] A1
[51] **Int.Cl. 7B63B 23/70**
[25] EN
[54] **CONTROLLED LIFEBOAT DEPLOYER**
[54] **DISPOSITIF DE DEPLOIEMENT CONTROLE DE CANOT DE SAUVETAGE**
[72] FINCH, TERRY, CA
[72] VIETCH, BRIAN JOSEPH, CA
[72] JANES, GREGORY, CA
[72] SULLIVAN, MICHAEL, CA
[72] SIMOES RE, ANTONIO, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] FINCH, TERRY, CA
[71] VIETCH, BRIAN JOSEPH, CA
[22] 2003-02-21
[43] 2003-08-21
[30] US (60/358,347) 2002-02-21

[21] **2,419,665**
[13] A1
[51] **Int.Cl. 7C07D 241/04 7A61K 31/496**
[25] EN
[54] **NOVEL 2-PHENYLPYPERAZINE DERIVATIVES**
[54] **DERIVES NOUVEAUX DE LA 2-PHENYLPYPERAZINE**
[72] KONISHI, YUKARI, JP
[72] HIGASHIURA, KUNIHICO, JP
[72] OGINO, TAKASHI, JP
[72] FURUKAWA, KAZUHITO, JP
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
[22] 2003-02-21
[43] 2003-08-22
[30] JP (45562/2002) 2002-02-22

[21] **2,419,693**
[13] A1
[51] **Int.Cl. 7F16B 2/20 7B60N 2/44**
[25] EN
[54] **ATTACHMENT DEVICE**
[54] **DISPOSITIF D'ATTACHE**
[72] HACK, MICHAEL, DE
[72] MARENNE, PHILIPPE, BE
[72] PEDDE, BURKHARD, DE
[72] HEINL, GEORG, DE
[71] WOODBRIDGE FOAM CORPORATION, CA
[22] 2003-02-24
[43] 2003-08-22
[30] US (60/358,363) 2002-02-22

[21] **2,420,112**
[13] A1
[51] **Int.Cl. 7E04H 17/14**
[25] EN
[54] **PICKET FENCE CAP ASSEMBLY**
[54] **CHAPEAUX POUR CLOTURE EN LATTES**
[72] STEFFES, STEPHEN W., US
[71] CERTAINTED CORPORATION, US
[22] 2003-02-18
[43] 2003-08-22
[30] US (10/081,510) 2002-02-22

Demandes canadiennes mises à la disponibilité du public
17 août 2003 - 23 août 2003

[21] **2,420,114**
[13] A1

[51] **Int.Cl. 7E04H 17/14**
[25] EN
[54] **PICKET FENCE CAP ASSEMBLY**
[54] **COIFFE DE PIEU DE CLOTURE**
[72] STEFFES, STEPHEN W., US
[71] CERTAINTEED CORPORATION, US
[22] 2003-02-18
[43] 2003-08-22
[30] US (10/081,510) 2002-02-22
[30] US (10/138,072) 2002-05-02

[21] **2,420,120**
[13] A1

[51] **Int.Cl. 7B23H 1/02 7H02M 7/5387**
[25] EN
[54] **ARC-MACHINING POWER**
SUPPLY WITH SWITCHING LOSS
REDUCING ELEMENT
[54] **ALIMENTATION DE MACHINE**
D'USINAGE PAR ETINCELAGE AVEC
ELEMENT DE REDUCTION DES
PERTES DE COMMUTATION
[72] MANABE, HARUHIKO, JP
[72] DOI, TOSHIMITSU, JP
[72] MORIMOTO, KEIKI, JP
[71] DAIHEN CORPORATION, JP
[22] 2003-02-17
[43] 2003-08-19
[30] JP (2002-040954) 2002-02-19
[30] JP (2002-088522) 2002-03-27

[21] **2,420,191**
[13] A1

[51] **Int.Cl. 7C08G 18/72 7C08L 75/04**
7C08G 18/48
[25] EN
[54] **A PROCESS FOR THE**
PREPARATION OF SOFT, LOW-
SHRINKAGE, THERMOPLASTIC
POLYURETHANE ELASTOMERS
WHICH CAN BE EASILY RELEASED
FROM THE MOLD
[54] **METHODE DE PREPARATION**
D'ELASTOMERES DE
POLYURETHANE
THERMOPLASTIQUE, SOUPLES ET A
FAIBLE RETRAIT, FACILEMENT
DEMOULABLES
[72] ROHRIG, WOLFGANG, DE
[72] HOPPE, HANS-GEORG, DE
[72] HEIDINGSFELD, HERBERT, DE
[72] WUSSOW, HANS-GEORG, DE
[72] EGGELING, EVA BRIGITTE, DE
[72] BRAUER, WOLFGANG, DE
[71] BAYER AKTIENGESELLSCHAFT,
DE
[22] 2003-02-18
[43] 2003-08-23
[30] DE (10207774.6) 2002-02-23

**Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003**

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,419,264**
[13] A1
[51] **Int.Cl. 7H04Q 7/20 7H04B 7/155**
7H04Q 7/30
[25] EN
[54] **BROADBAND WIRELESS REPEATER FOR MOBILE COMMUNICATION SYSTEM**
[54] **REPETEUR SANS FIL A LARGE BANDE POUR SYSTEME DE COMMUNICATION MOBILE**
[72] KIM, CHON WON, KR
[72] LEE, JONG HWAN, KR
[72] KIM, HYUNG GUN, KR
[72] LEE, CHANG WOOK, KR
[71] INNOACE CO., LTD., KR
[85] 2003-01-22
[86] 2002-09-17 (PCT/KR2002/001732)
[87] 2003-08-21 (WO/)
[30] KR (10-2002-9334) 2002-02-21

[21] **2,429,357**
[13] A1
[51] **Int.Cl. 7A61M 5/178**
[25] EN
[54] **IMPROVED PARACENTESIS DEVICE HAVING MULTIPLE DETACHABLE COMPONENTS**
[54] **DISPOSITIF POUR PARACENTESE AMELIORE PRESENTANT PLUSIEURS COMPOSANTS DETACHABLES**
[72] GROENKE, GREGORY, US
[72] PLISHKA, MICHAEL, US
[72] SCHMITT, JEFFREY, US
[71] ALLEGIANCE CORPORATION, US
[85] 2003-05-15
[86] 2002-09-12 (PCT/US2002/029519)
[87] 2003-03-20 (WO2003/022337)
[30] US (09/952,781) 2001-09-13

[21] **2,429,360**
[13] A1
[51] **Int.Cl. 7G01N 27/30 7G01N 27/403**
[25] EN
[54] **ELECTROCHEMICAL CELL**
[54] **CELLULE ELECTROCHIMIQUE**
[72] HODGES, ALASTAIR, AU
[71] LIFESCAN, INC., US
[85] 2003-05-15
[86] 2002-10-01 (PCT/US2002/031289)
[87] 2003-04-17 (WO2003/032411)
[30] US (60/328,846) 2001-10-10

[21] **2,429,362**
[13] A1
[51] **Int.Cl. 7A01M 1/20 7A61L 9/12**
[25] EN
[54] **ELECTRIC FUMIGATION DEVICE**
[54] **DISPOSITIF DE FUMIGATION ELECTRIQUE**
[72] CAMPEDELLI, PAOLO, IT
[72] SORDO, WALTER, IT
[72] ZOBELE, FRANCO, IT
[72] JAWORSKI, THOMAS, US
[71] S. C. JOHNSON & SON, INC., US
[85] 2003-05-15
[86] 2002-10-01 (PCT/US2002/031291)
[87] 2003-04-10 (WO2003/028449)
[30] US (09/968,384) 2001-10-01

[21] **2,431,308**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7A61K 48/00**
7A61K 38/17 7C07K 14/47
[25] EN
[54] **REGULATION OF ANGIOGENESIS WITH ZINC FINGER PROTEINS**
[54] **REGULATION DE L'ANGIOGENESE AU MOYEN DE PROTEINES A DOIGTS DE ZINC**
[72] EISENBERG, STEPHEN P., US
[72] JARVIS, ERIC, US
[72] LIU, PEI-QI, US
[72] LIU, QIANG, US
[72] REBAR, EDWARD, US
[72] JAMIESON, ANDREW, US
[72] WOLFFE, ALAN, US
[71] SANGAMO BIOSCIENCES, INC., US
[85] 2003-06-06
[86] 2001-12-06 (PCT/US2001/046861)
[87] 2002-06-13 (WO2002/046412)
[30] US (09/733,604) 2000-12-07
[30] US (09/736,083) 2000-12-12
[30] US (09/846,033) 2001-04-30

[21] **2,431,493**
[13] A1
[51] **Int.Cl. 7C12N 15/52 7C12N 9/00**
7A61K 38/17 7C07K 16/40 7G01N 33/50
7G01N 33/53 7C12N 15/63 7C12Q 1/68
[25] EN
[54] **AMINOACYL TRNA SYNTHETASES**
[54] **AMINOACYL ARNT SYNTHETASES**
[72] LEE, ERNESTINE A., US
[72] BAUGHN, MARIAH R., US
[71] INCYTE GENOMICS, INC., US
[85] 2003-06-11
[86] 2001-12-13 (PCT/US2001/048575)
[87] 2002-08-01 (WO2002/059323)
[30] US (60/255,963) 2000-12-15

PCT Applications Entering the National Phase

[21] **2,431,590**
[13] A1

[51] **Int.Cl. 7B65G 39/12**
[25] EN
[54] **ROLLER BED FOR A CONVEYOR BELT SYSTEM**
[54] **PLATE-FORME A ROULEAUX POUR BANDE TRANSPORTEUSE**
[72] FISCHER, JOHN S., US
[72] SCHWARTZ, EDGAR HUGH, US
[71] AIR CONTROL SCIENCE, INC., US
[85] 2003-05-21
[86] 2001-11-29 (PCT/US2001/044761)
[87] 2002-06-06 (WO2002/044059)
[30] US (09/725,551) 2000-11-29
[30] US (09/996,106) 2001-11-28

[21] **2,431,837**
[13] A1

[51] **Int.Cl. 7G01N 33/574 7A61K 39/395**
[25] EN
[54] **METHOD FOR DIAGNOSING A TUMOR IN A PATIENT DETERMINING THE CONCENTRATION OF PIBF**
[54] **PROCEDE DE DIAGNOSTIC D'UNE TUMEUR CHEZ UN PATIENT, DETERMINANT LA CONCENTRATION DE PIBF**
[72] PALKOVICS, TAMAS, HU
[72] POLGAR, BEATA, HU
[72] KLADE, CHRISTOPH, AT
[72] SZEKERES-BARTHO, JULIA, HU
[72] KOCH, MARGIT, AT
[72] HENICS, TAMAS, AT
[72] NAGY, ESZTER, AT
[71] BIODEVELOPS VERWERTUNG VON LIZENZCN GMBH, AT
[85] 2003-05-27
[86] 2001-11-28 (PCT/EP2001/013876)
[87] 2002-06-06 (WO2002/044734)
[30] AT (A 1997/2000) 2000-11-28

[21] **2,431,876**
[13] A1

[51] **Int.Cl. 7G01V 3/11**
[25] EN
[54] **INDUCTIVE SENSORY APPARATUS**
[54] **APPAREIL SENSORIEL INDUCTIF**
[72] HOHL, G. BURNELL, US
[71] ICT, INC., ZZ
[85] 2003-06-19
[86] 2001-11-15 (PCT/US2001/045416)
[87] 2003-05-15 (WO2003/063986)

[21] **2,431,882**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHOD FOR DETECTING WHETHER AN ORGANISM IS HOMOZYGOUS OR HETEROZYGOUS USING LABELLED PRIMERS AND RFLP**
[54] **PROCEDE PERMETTANT DE DETECTER SI UN ORGANISME EST HOMOZYGOTE OU HETEROZYGOTE A L'AIDE D'AMORCES MARQUEES ET DU POLYMORPHISME DE LONGUEUR DES FRAGMENTS DE RESTRICTION (RFLP)**
[72] SIEMERING, KIRBY, AU
[71] MURDOCH CHILDRENS RESEARCH INSTITUTE, AU
[85] 2003-06-19
[86] 2001-12-20 (PCT/AU2001/001643)
[87] 2002-06-27 (WO2002/050305)
[30] AU (PR 2214) 2000-12-20

[21] **2,431,889**
[13] A1

[51] **Int.Cl. 7F01D 5/30 7B23H 1/00 7B24C 1/10**
[25] EN
[54] **METHOD OF FORMING TURBINE BLADE ROOT**
[54] **METHODE DE FORMAGE DES TALONS D'AUBES DE TURBINE**
[72] HOWLEY, TODD, CA
[71] HOWLEY-PIVOTAL MANUFACTURING INC., CA
[85] 2003-05-27
[86] 2002-12-27 (PCT/CA2002/001983)
[87] 2003-06-27 (WO2003/059569)
[30] CA (2,366,352) 2001-12-27

[21] **2,431,994**
[13] A1

[51] **Int.Cl. 7C12N 9/10 7C12P 19/04 7C12N 15/11 7C07K 16/16 7C12N 15/63 7C12N 15/82**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF POLYFRUCTANS**
[54] **PROCEDE DE PRODUCTION D'HYDRATES DE CARBONE**
[72] VOGEL, MANFRED, DE
[72] MUNIR, MOHAMMAD, DE
[72] HAJI BEGLI, ALIREZA, DE
[72] KUNZ, MARKWART, DE
[72] MATTES, RALF, DE
[72] ENGELS, DIRK, DE
[71] SUDZUCKER AKTIENGESELLSCHAFT, DE
[85] 2003-06-18
[86] 2001-11-21 (PCT/EP2001/013524)
[87] 2002-06-27 (WO2002/050257)
[30] DE (100 63 889.9) 2000-12-21
[30] DE (101 06 163.3) 2001-02-10

[21] **2,432,016**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **SUPPRESSION OF NON-SPECIFIC NUCLEIC ACID AMPLIFICATION**
[54] **SUPPRESSION DE L'AMPLIFICATION NON SPECIFIQUE D'ACIDE NUCLEIQUE**
[72] SCHWARZ, TEREK, GB
[72] KNOTT, TIM, GB
[72] PICKERING, JUDITH, GB
[72] SMITH, CLIFFORD, GB
[71] AMERSHAM BIOSCIENCES UK LIMITED, GB
[85] 2003-06-16
[86] 2002-01-15 (PCT/GB2002/000144)
[87] 2002-07-25 (WO2002/057487)
[30] GB (0101397.8) 2001-01-19

Demandes PCT entrant en phase nationale

[21] **2,432,041**
[13] A1
[51] **Int.Cl. 7C12N 15/55 7G06F 19/00 7C12P 21/00 7C12N 5/10 7C12N 9/16 7C07K 16/40 7C12Q 1/42 7A61K 38/46 7G06F 17/50 7C12N 15/63 7C12Q 1/68**
[25] EN
[54] **POLYNUCLEOTIDES ENCODING HUMAN PHOSPHATASES**
[54] **POLYNUCLEOTIDES CODANT POUR DE NOUVELLES PHOSPHATASES HUMAINES**
[72] BOL, DAVID, US
[72] KRYSSTEK, STANLEY, US
[72] FEDER, JOHN, US
[72] FINGER, JOSHUA, US
[72] MCATEE, PATRICK, US
[72] BANAS, DANA, US
[72] RAMANATHAN, CHANDRA, US
[72] SUCHARD, SUSAN, US
[72] JACKSON, DONALD G., US
[72] SCHIEVEN, GARY, US
[72] LEE, LIANA, US
[72] BASSOLINO, DONNA, US
[72] NELSON, THOMAS, US
[72] TODDERUD, GORDON C., US
[72] SIEMERS, NATHAN, US
[72] MINTIER, GABE, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-06-17
[86] 2001-12-20 (PCT/US2001/050459)
[87] 2002-07-25 (WO2002/057460)
[30] US (60/256,868) 2000-12-20
[30] US (60/280,186) 2001-03-30
[30] US (60/287,735) 2001-05-01
[30] US (60/295,848) 2001-06-05
[30] US (60/300,465) 2001-06-25

[21] **2,432,096**
[13] A1
[51] **Int.Cl. 7C07K 7/64 7C07K 14/36**
[25] EN
[54] **METHODS FOR PREPARING PURIFIED LIPOPEPTIDES**
[54] **PROCEDES DE PREPARATION DE LIPOPEPTIDES PURIFIES**
[72] KEITH, DENNIS, US
[72] LAI, JAN-JI, US
[71] CUBIST PHARMACEUTICALS, INC., US
[85] 2003-06-17
[86] 2001-12-17 (PCT/US2001/048886)
[87] 2002-08-01 (WO2002/059145)
[30] US (60/256,268) 2000-12-18
[30] US (60/274,741) 2001-03-09
[30] US () 2001-12-13
[30] US () 2001-12-13

[21] **2,432,175**
[13] A1
[51] **Int.Cl. 7A61K 38/17 7A61K 9/00 7A61K 9/14 7A61K 9/16**
[25] EN
[54] **STORAGE STABLE POWDER COMPOSITIONS OF INTERLEUKIN-4 RECEPTOR**
[54] **COMPOSITIONS DE RECEPTEUR DE L'INTERLEUKINE 4 EN POUDRE STABLES AU STOCKAGE**
[72] GONG, DAVID, US
[72] HESTER, DENNIS M., US
[72] CABOT, KIRSTEN M., US
[72] HASTEDT, JAYNE E., US
[71] NEKTAR THERAPEUTICS, US
[85] 2003-06-19
[86] 2001-12-21 (PCT/US2001/050592)
[87] 2002-07-18 (WO2002/055101)
[30] US (60/256,786) 2000-12-21

[21] **2,432,178**
[13] A1
[51] **Int.Cl. 7A61K 9/22**
[25] EN
[54] **SUSTAINED RELEASE PHARMACEUTICAL DOSAGE FORMS WITH MINIMIZED PH DEPENDENT DISSOLUTION PROFILES**
[54] **FORMES DE DOSAGE PHARMACEUTIQUE A LIBERATION PROLONGEE POSSEDANT DES PROFILS DE DISSOLUTION A DEPENDANCE AU PH REDUITE AU MINIMUM**
[72] BURNSIDE, BETH, US
[72] CHANG, RONG-KUN, US
[72] GUO, XIAODI, US
[71] SHIRE LABORATORIES, INC., US
[85] 2003-06-19
[86] 2001-12-20 (PCT/US2001/050773)
[87] 2002-08-01 (WO2002/058676)
[30] US (09/741,548) 2000-12-20

[21] **2,432,182**
[13] A1
[51] **Int.Cl. 7G01N 21/31 7G01N 21/35**
[25] EN
[54] **APPARATUS AND PROCESS FOR MEASURING FLOWING BULK MATERIAL BY LIGHT-REFLECTION**
[54] **APPAREIL ET PROCEDE PERMETTANT DE MESURER LES ECOULEMENTS DE MATERIAUX EN VRAC PAR REFLEXION DE LUMIERE**
[72] CROONENBORGH, JOS, BE
[72] BOON, PAUL, BE
[72] VAN STEERTEGHEM, LUC, BE
[71] BOREALIS TECHNOLOGY OY, FI
[85] 2003-06-19
[86] 2000-12-28 (PCT/EP2000/013312)
[87] 2002-07-11 (WO2002/054048)

[21] **2,432,274**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C07H 21/00 7C12Q 1/02 7C07K 16/28 7C07K 14/705**
[25] EN
[54] **HUMAN HYPERPOLARIZATION-ACTIVATED CYCLIC NUCLEOTIDE-GATED CATION CHANNEL HCN3**
[54] **HCN3 DE CANAL CATIONIQUE DECLENCHE PAR DES NUCLEOTIDES CYCLIQUES ET ACTIVES PAR HYPERPOLARISATION CHEZ L'HOMME**
[72] LIU, YUAN, US
[72] MCKENNA, EDWARD, US
[72] SWANSON, RICHARD J., US
[72] FOLANDER, KIMBERLY L., US
[71] MERCK & CO., INC., US
[85] 2003-06-20
[86] 2001-12-14 (PCT/US2001/047903)
[87] 2002-06-27 (WO2002/050300)
[30] US (60/256,800) 2000-12-20

[21] **2,432,276**
[13] A1
[51] **Int.Cl. 7A61K 48/00 7A61P 35/00 7C12Q 1/04 7G01N 33/574 7A61K 31/7088**
[25] EN
[54] **REGULATION OF CELL GROWTH BY MUC1**
[54] **REGULATION DE LA PROLIFERATION CELLULAIRE PAR MUC1**
[72] KUFU, DONALD W., US
[71] DANA-FABER CANCER INSTITUTE, INC., US
[85] 2003-06-20
[86] 2001-12-26 (PCT/US2001/049923)
[87] 2002-08-01 (WO2002/058450)
[30] US (60/257,590) 2000-12-22
[30] US (60/308,307) 2001-07-27

PCT Applications Entering the National Phase

[21] **2,432,280**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7A61K 38/17 7C07K 16/18 7A61K 39/395 7G01N 33/53 7C12Q 1/68 7C07K 14/705 7A61K 31/7088**

[25] EN
[54] **NOVEL GLUTAMATE RECEPTOR MODULATORY PROTEINS AND NUCLEIC ACID MOLECULES AND USES THEREFOR**
[54] **NOUVELLES PROTEINES ET MOLECULES D'ACIDES NUCLEIQUES MODULATRICES DE RECEPTEUR DE GLUTAMATE ET LEURS UTILISATIONS A CET EFFET**

[72] XIE, YUHONG, US
[72] PAULSEN, JANET ELIZABETH, US
[72] GULUKOTA, KAMALAKA, US
[72] BATES, BRIAN GAITHER, US
[71] WYETH, US
[85] 2003-06-20
[86] 2001-12-21 (PCT/US2001/049817)
[87] 2002-09-12 (WO2002/070708)
[30] US (60/257,589) 2000-12-22

[21] **2,432,339**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**

[25] EN
[54] **IDENTIFICATION OF THE GENETIC DETERMINANTS OF THE POLYMORPHIC CYP3A5 EXPRESSION**
[54] **IDENTIFICATION DES DETERMINANTS GENETIQUES DE L'EXPRESSION POLYMORPHE DE CYP3A5**

[72] HUSTERT, ELISABETH, DE
[72] HABERL, MICHAEL, DE
[72] WOJNOWSKI, LESZEK, DE
[71] EPIDAUROS BIOTECHNOLOGIE AG, DE
[85] 2003-06-23
[86] 2001-12-21 (PCT/EP2001/015290)
[87] 2002-07-11 (WO2002/053775)
[30] EP (00128627.7) 2000-12-28
[30] US (60/258,684) 2000-12-28
[30] US (60/258,952) 2000-12-29
[30] EP (01100172.4) 2001-01-16
[30] US (60/262,859) 2001-01-18
[30] EP (01118884.4) 2001-08-16
[30] US (60/312,825) 2001-08-16

[21] **2,432,350**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A61P 35/00 7A61K 31/713 7C12N 15/88**

[25] EN
[54] **METHOD FOR INHIBITING THE EXPRESSION OF A TARGET GENE**
[54] **PROCEDE POUR INHIBER L'EXPRESSION D'UN GENE CIBLE**

[72] LIMMER, STEPHAN, DE
[72] ROST, SYLVIA, DE
[72] HADWIGER, PHILIPP, DE
[72] KREUTZER, ROLAND, DE
[71] RIBOPHARMA AG, DE
[85] 2003-06-30
[86] 2002-01-09 (PCT/EP2002/000152)
[87] 2002-07-18 (WO2002/055693)
[30] DE (101 00 586.5) 2001-01-09
[30] DE (101 55 280.7) 2001-10-26
[30] DE (101 58 411.3) 2001-11-29
[30] DE (101 60 151.4) 2001-12-07

[21] **2,432,364**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01K 67/00 7A61K 48/00 7C12N 15/11 7C07K 16/14 7A61K 38/16 7A61K 38/17 7A61K 39/395 7C07K 14/395 7C07K 14/40 7C07K 14/47 7G01N 33/68 7C12Q 1/68**

[25] EN
[54] **BAX-RESPONSIVE GENES FOR DRUG TARGET IDENTIFICATION IN YEAST AND FUNGI**
[54] **GENES REAGISSANT A BAX, DESTINES A L'IDENTIFICATION DES CIBLES DE MEDICAMENTS DANS LA LEVURE ET LES CHAMPIGNONS**

[72] EBERHARDT, INES, BE
[72] REEKMANS, RIEKA JOSEPHINA, BE
[72] CONTRERAS, ROLAND HENRI, BE
[72] LUYTEN, WALTER HERMAN MARIA LOUIS, BE
[71] JANSSEN PHARMACEUTICA N.V., BE
[85] 2003-06-19
[86] 2001-12-21 (PCT/EP2001/015398)
[87] 2002-08-22 (WO2002/064766)
[30] EP (00870318.3) 2000-12-22
[30] EP (01870002.1) 2001-01-04
[30] EP (01870003.9) 2001-01-09

[21] **2,432,370**
[13] A1

[51] **Int.Cl. 7C12N 7/04 7A61K 39/00 7C07K 14/18 7C12N 15/40**

[25] EN
[54] **ATTENUATED LIVE VACCINE**
[54] **VACCINS ATTENUES A VIRUS VIVANTS**

[72] MANDL, CHRISTIAN, AT
[72] HEINZ, FRANZ, X., AT
[71] MANDL, CHRISTIAN, AT
[71] HEINZ, FRANZ, X., AT
[85] 2003-06-23
[86] 2002-02-11 (PCT/AT2002/000046)
[87] 2002-08-29 (WO2002/066621)
[30] AT (A 272/2001) 2001-02-21

[21] **2,432,398**
[13] A1

[51] **Int.Cl. 7G01N 33/543 7C12Q 1/28 7C12Q 1/34 7C12Q 1/42 7G01N 33/53**

[25] EN
[54] **ABSORBANCE MULTIPLEX TECHNOLOGY**
[54] **TECHNIQUE MULTIPLEX PAR ABSORBANCE**

[72] AL-ASSAAD, ALI-SAMER, US
[72] DAMAJ, BASSAM, US
[71] BIOSIGNATURE DIAGNOSTICS, INC., US
[85] 2003-06-18
[86] 2001-12-21 (PCT/US2001/049745)
[87] 2002-06-27 (WO2002/050537)
[30] US (60/258,286) 2000-12-21
[30] US (09/947,823) 2001-09-06

Demandes PCT entrant en phase nationale

[21] **2,432,464**
[13] A1
[51] **Int.Cl. 7C07D 409/14 7C07D 401/12 7C07D 401/14 7C07D 217/26 7A61K 31/472 7A61K 31/4725**
[25] EN
[54] **EXCITATORY AMINO ACID RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DES RECEPTEURS D'AMINOACIDES EXCITATOIRES**
[72] MARTINEZ PEREZ, JOSE ANTONIO, ES
[72] ARNOLD, MACKLIN BRIAN, US
[72] MATEO HERRANZ, ANA ISABEL, ES
[72] ESCRIBANO, ANA MARIA, ES
[72] BLEISCH, THOMAS JOHN, US
[72] CASTANO MANSANET, ANA MARIA, ES
[72] DOMINGUEZ-MANZANARES, ESTEBAN, ES
[72] RATZ, ANDREW MICHAEL, US
[72] WILSON, THOMAS MICHAEL, US
[72] ORNSTEIN, PAUL LESLIE, US
[72] MAY, SCOTT ALLAN, US
[72] WINTER, MARK ALAN, US
[71] ELI LILLY AND COMPANY, US
[85] 2003-06-23
[86] 2001-12-19 (PCT/US2001/045857)
[87] 2003-03-27 (WO2003/024453)
[30] EP (01500004.5) 2001-01-05

[21] **2,432,534**
[13] A1
[51] **Int.Cl. 7A61K 31/568 7A61P 15/08 7A61K 47/10**
[25] EN
[54] **GEL COMPOSITION AND TRANS-SCROTAL APPLICATION OF A COMPOSITION FOR THE TREATMENT OF HYPOGONADISM**
[54] **COMPOSITION DE GEL ET APPLICATION PAR VOIE TRANS-SCROTALE D'UNE COMPOSITION POUR TRAITER L'HYPOGONADISME**
[72] SCHULZE, BERND, DE
[72] NIESCHLAG, EBERHARD, DE
[71] DR. AUGUST WOLFF GMBH & CO., DE
[85] 2003-06-19
[86] 2001-12-20 (PCT/EP2001/015123)
[87] 2002-07-04 (WO2002/051421)
[30] DE (100 64 205.5) 2000-12-22

[21] **2,432,542**
[13] A1
[51] **Int.Cl. 7A61K 38/17 7A61P 35/00 7A61P 37/02 7C12N 5/06 7A61P 31/12**
[25] EN
[54] **METHODS OF MODULATING TOLL-RELATED RECEPTOR (TRR) SIGNALING**
[54] **PROCEDES**
[72] FOXWELL, BRIAN MAURICE JOHN, GB
[72] FELDMANN, MARC, GB
[71] SYNOPSIS LIMITED, GB
[85] 2003-06-20
[86] 2001-12-21 (PCT/GB2001/005724)
[87] 2002-07-04 (WO2002/051430)
[30] GB (0031454.2) 2000-12-22
[30] GB (0127625.2) 2001-11-17

[21] **2,432,639**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7B01J 19/00 7G01N 33/50 7G01N 33/574**
[25] EN
[54] **PROFILING TUMOR SPECIFIC MARKERS FOR THE DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE**
[54] **ETABLISSEMENT DE PROFIL DE MARQUEURS SPECIFIQUES AUX TUMEURS POUR LE DIAGNOSTIC ET LE TRAITEMENT DE MALADIES NEOPLASIQVES**
[72] PALM, KAIA, US
[71] CEMINES, LLC, US
[85] 2003-06-20
[86] 2001-11-13 (PCT/US2001/043461)
[87] 2002-05-23 (WO2002/040716)
[30] US (60/249,508) 2000-11-16

[21] **2,432,693**
[13] A1
[51] **Int.Cl. 7C12Q 1/48 7G01N 33/50 7G01N 33/542 7C12Q 1/68**
[25] EN
[54] **METHOD FOR IDENTIFYING SUBSTANCES WHICH POSITIVELY INFLUENCE INFLAMMATORY CONDITIONS OF CHRONIC INFLAMMATORY AIRWAY DISEASES**
[54] **PROCEDE D'IDENTIFICATION DE SUBSTANCES AYANT UNE INFLUENCE POSITIVE SUR LES CONDITIONS INFLAMMATOIRES DES MALADIES INFLAMMATOIRES CHRONIQUES DES VOIES AERIENNES**
[72] M~LLER, STEFAN, DE
[72] JUNG, BIRGIT, DE
[72] KRAUT, NORBERT, AT
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2003-06-20
[86] 2001-12-15 (PCT/EP2001/014844)
[87] 2002-07-04 (WO2002/052036)
[30] US (60/257,854) 2000-12-22

[21] **2,432,717**
[13] A1
[51] **Int.Cl. 7C12N 15/90 7C12N 15/81 7C12N 15/82**
[25] EN
[54] **NUCLEIC ACID INTEGRATION IN EUKARYOTES**
[54] **INTEGRATION D'ACIDES NUCLEIQUES DANS LES EUKARYOTES**
[72] BUNDOCK, PAUL, NL
[72] VAN ATTIKUM, HAICO, NL
[72] HOOYKAAS, PAUL JAN JACOB, NL
[71] UNIVERSITEIT LEIDEN, NL
[71] STICHTING BINAIR VECTOR SYSTEEM, NL
[85] 2003-06-20
[86] 2001-12-21 (PCT/NL2001/000936)
[87] 2002-07-04 (WO2002/052026)
[30] EP (00204693.6) 2000-12-22

PCT Applications Entering the National Phase

[21] **2,432,730**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C12P 21/02
7C12Q 1/02 7C12N 15/63 7C12Q 1/68**
[25] EN
[54] **HUMANIZED POLYNUCLEOTIDE
SEQUENCE ENCODING RENILLA
MULLERI GREEN FLUORESCENT
PROTEIN**
[54] **SEQUENCE
POLYNUCLEOTIDIQUE HUMANISEE
CODANT UNE PROTEINE VERTE
FLUORESCENTE PROVENANT DE
(RENILLA MULLERI)**
[72] VAILLANCOURT, PETER, US
[72] SORGE, JOSEPH A., US
[71] STRATAGENE, US
[85] 2003-06-20
[86] 2001-12-19 (PCT/US2001/049091)
[87] 2002-07-25 (WO2002/057451)
[30] US (09/748,786) 2000-12-22
[30] US (09/839,650) 2001-04-19

[21] **2,432,731**
[13] A1
[51] **Int.Cl. 7C12N 15/62 7A61K 48/00
7C07K 19/00 7A61K 39/104 7C07K 14/21
7C12N 15/31 7C12N 15/63**
[25] EN
[54] **A CHIMERIC PROTEIN
COMPRISING NON-TOXIC
PSEUDOMONAS EXOTOXIN A AND
TYPE IV PILIN SEQUENCES**
[54] **PROTEINE CHIMERIQUE
COMPRENANT DES SEQUENCES NON
TOXIQUES D'EXOTOXINE A DE
PSEUDOMONAS ET DE PILINE DE
TYPE IV**
[72] FITZGERALD, DAVID, US
[71] THE GOVERNMENT OF THE
UNITED STATES AS REPRESENTED BY
THE SECRETARY OF THE
DEPARTMENT OF HEALTH AND
HUMAN SERVICES, US
[85] 2003-06-20
[86] 2001-12-20 (PCT/US2001/049143)
[87] 2002-08-08 (WO2002/060935)
[30] US (60/257,877) 2000-12-21

[21] **2,432,736**
[13] A1
[51] **Int.Cl. 7A61K 39/395 7C12N 15/00
7C12N 5/10 7C12N 15/12 7C12N 15/13
7C07K 16/28**
[25] EN
[54] **SILENCED ANTI-CD28
ANTIBODIES AND USE THEREOF**
[54] **ANTICORPS ANTI-CD28
SILENCIEUX ET LEUR UTILISATION**
[72] TSO, J. YUN, US
[72] HIGASHI, YASUYUKI, JP
[72] TAMURA, KOUICHI, JP
[72] SEKI, NOBUO, JP
[72] HINTON, PAUL, US
[72] VASQUEZ, MAXIMILIANO, US
[72] UEDA, HIROTSUGU, JP
[71] TSO, J. YUN, US
[71] HIGASHI, YASUYUKI, JP
[71] TAMURA, KOUICHI, JP
[71] SEKI, NOBUO, JP
[71] HINTON, PAUL, US
[71] VASQUEZ, MAXIMILIANO, US
[71] UEDA, HIROTSUGU, JP
[85] 2003-06-16
[86] 2001-12-14 (PCT/US2001/047955)
[87] 2002-06-20 (WO2002/047721)
[30] US (60/255,155) 2000-12-14

[21] **2,432,737**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C07K 14/47**
[25] EN
[54] **HUMAN ION CHANNEL PROTEIN
AND POLYNUCLEOTIDES ENCODING
THE SAME**
[54] **NOUVELLE PROTEINE CANAL
HUMAINE ET POLYNUCLEOTIDES
CODANT POUR ELLE**
[72] TURNER, C. ALEXANDER JR., US
[72] HILBUN, ERIN, US
[72] FRIDDLE, CARL JOHAN, US
[71] LEXICON GENETICS
INCORPORATED, US
[85] 2003-06-19
[86] 2001-12-10 (PCT/US2001/048050)
[87] 2002-06-27 (WO2002/050271)
[30] US (60/257,932) 2000-12-20

[21] **2,432,744**
[13] A1
[51] **Int.Cl. 7C12N 9/42 7C11D 3/00
7C12N 15/00 7C07H 21/04 7C12N 1/20**
[25] EN
[54] **NOVEL CELLULASE PRODUCING
ACTINOMYCETES, CELLULASE
PRODUCED THEREFROM AND
METHOD OF PRODUCING SAME**
[54] **NOUVEAUX ACTINOMYCETES
PRODUISANT UNE CELLULASE,
CELLULASE OBTENU E ET PROCEDE
DE PRODUCTION DE CELLE-CI**
[72] VAN SOLINGEN, PIETER, NL
[72] WEYLER, WALTER, US
[72] VAN DER KLEIJ, WILHELMUS A. H.,
NL
[72] JONES, BRIAN E., NL
[72] GOEDEGEBUUR, FRITS, NL
[71] GENENCOR INTERNATIONAL,
INC., US
[85] 2003-06-18
[86] 2001-12-14 (PCT/US2001/048102)
[87] 2002-06-27 (WO2002/050245)
[30] US (09/739,861) 2000-12-18

[21] **2,432,767**
[13] A1
[51] **Int.Cl. 7C07K 19/00 7C12P 21/02
7C07K 7/06 7A61K 38/08 7C07K 7/08
7A61K 38/10 7A61K 38/17 7C07K 14/47**
[25] EN
[54] **SIGNAL-1/SIGNAL-2
BIFUNCTIONAL PEPTIDE
INHIBITORS**
[54] **PEPTIDE INHIBITEURS
BIFONCTIONNELS DE SIGNAL-1/
SIGNAL-2**
[72] HU, YONGBO, US
[72] MURRAY, JOSEPH S., US
[72] SIAHAAN, TERUNA J., US
[71] UNIVERSITY OF KANSAS, US
[85] 2003-06-18
[86] 2001-12-17 (PCT/US2001/048632)
[87] 2002-06-27 (WO2002/050250)
[30] US (09/739,466) 2000-12-18

Demandes PCT entrant en phase nationale

[21] **2,432,788**
[13] A1

[51] **Int.Cl. 7D21C 9/10 7D21C 5/00**
[25] EN
[54] **ALKALINE EXTRACTION STAGES COMPRISING XYLANASE**
[54] **ETAPES D'EXTRACTION ALCALINE FAISANT APPEL A UNE XYLANASE**
[72] TOLAN, JEFF, CA
[72] POPOVICI, CORINA, CA
[72] FOODY, PATRICK J., CA
[71] IOGEN BIO-PRODUCTS CORPORATION, CA
[85] 2003-06-20
[86] 2001-12-19 (PCT/CA2001/001837)
[87] 2002-07-04 (WO2002/052100)
[30] US (60/258,163) 2000-12-22

[21] **2,432,941**
[13] A1

[51] **Int.Cl. 7C01B 25/10**
[25] EN
[54] **PREPARATION OF PHOSPHORUS PENTAFLUORIDE**
[54] **PREPARATION DE PENTAFLUORURE DE PHOSPHORE**
[72] SMITH, NOVIS W., US
[72] MCCLOSKEY, JOEL, US
[71] LITHDYNE LLC, US
[85] 2003-06-23
[86] 2001-11-05 (PCT/US2001/047135)
[87] 2003-05-15 (WO2003/040034)

[21] **2,432,947**
[13] A1

[51] **Int.Cl. 7G01S 5/10 7G01S 5/14 7H04Q 7/38**
[25] EN
[54] **IMPROVEMENTS IN POSITIONING SYSTEMS AND METHODS**
[54] **AMELIORATIONS APORTEES AUX SYSTEMES ET PROCEDES DE LOCALISATION**
[72] BRICE, JAMES PAUL, GB
[72] DUFFETT-SMITH, PETER JAMES, GB
[71] CAMBRIDGE POSITIONING SYSTEMS LIMITED, GB
[85] 2003-06-23
[86] 2002-02-20 (PCT/GB2002/000741)
[87] 2002-09-06 (WO2002/068986)
[30] EP (01301679.5) 2001-02-23

[21] **2,433,051**
[13] A1

[51] **Int.Cl. 7H04B 7/005 7H04B 17/00 7H04B 7/04**
[25] EN
[54] **PARAMETER ESTIMATION FOR ADAPTIVE ANTENNA SYSTEM**
[54] **ESTIMATION DE PARAMETRES POUR SYSTEME D'ANTENNE ADAPTATIVE**
[72] YLITALO, JUHA TAPANI, FI
[72] HORNEMAN, KARI, FI
[72] TIROLA, ESA, FI
[72] PAJUKOSKI, KARI, FI
[71] NOKIA CORPORATION, FI
[85] 2003-06-25
[86] 2001-12-20 (PCT/EP2001/015152)
[87] 2002-07-11 (WO2002/054618)
[30] GB (0031834.5) 2000-12-29

[21] **2,433,052**
[13] A1

[51] **Int.Cl. 7B23K 11/30 7B62D 23/00 7B23K 35/02 7B23K 11/093**
[25] EN
[54] **WELDING ASSEMBLY WITH NESTABLE CONDUCTIVE ENDS**
[54] **ENSEMBLE DE SOUDAGE A EXTREMITES CONDUCTRICES EMBOITABLES**
[72] ASHLEY, RICHARD, US
[72] MALCZEWSKI, VICTOR J., US
[72] GABBIANELLI, GIANFRANCO, US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2003-06-25
[86] 2002-01-03 (PCT/US2002/000196)
[87] 2002-07-11 (WO2002/053317)
[30] US (09/754,114) 2001-01-05

[21] **2,433,055**
[13] A1

[51] **Int.Cl. 7C09J 175/06 7C08G 18/10 7C08G 18/20 7C08G 18/36 7C08G 18/76**
[25] EN
[54] **DERIVED TIMBER PRODUCTS CONSISTING OF WOOD PARTS GLUED BY MEANS OF POLYISOCYANATES**
[54] **MATIERES A BASE DE BOIS CONSTITUEES DE PIECES DE BOIS COLLEES PAR DES POLYISOCYANATES**
[72] HABERLE, KARL, DE
[72] SCHMIDT, MICHAEL, DE
[72] PFUTZE, EBERHARD, DE
[72] LEUBNER, MARCUS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2003-06-25
[86] 2002-01-03 (PCT/EP2002/000012)
[87] 2002-07-11 (WO2002/053672)
[30] DE (101 00 220.3) 2001-01-04

[21] **2,433,057**
[13] A1

[51] **Int.Cl. 7C12N 15/55 7C12N 9/18 7A61K 38/46**
[25] EN
[54] **BUTYRYLCHOLINESTERASE POLYPEPTIDE VARIANTS WITH INCREASED CATALYTIC EFFICIENCY AND METHODS OF USE**
[54] **VARIANTS DE POLYPEPTIDES DE BUTYRYLCHOLINESTERASE A EFFICACITE ACCRUE ET METHODES D'UTILISATION ASSOCIEES**
[72] WATKINS, JEFFREY D., US
[72] PANCOOK, JAMES D., US
[72] LOCKRIDGE, OKSANA, US
[71] APPLIED MOLECULAR EVOLUTION, INC., US
[71] UNIVERSITY OF NEBRASKA MEDICAL CENTER, US
[85] 2003-06-25
[86] 2001-12-21 (PCT/US2001/050450)
[87] 2002-08-22 (WO2002/064796)
[30] US (09/748,739) 2000-12-26
[30] US (10/032,233) 2001-12-20

PCT Applications Entering the National Phase

[21] **2,433,059**
[13] A1

[51] **Int.Cl. 7D06M 11/45 7C09D 1/00 7C11D 11/00 7D06M 11/44 7D06M 11/46 7D06M 11/77**
[25] EN
[54] **COATING COMPOSITIONS FOR MODIFYING SURFACES**
[54] **COMPOSITIONS DE REVETEMENT POUVANT MODIFIER DES SURFACES**
[72] SCHMIDT, MATTIAS, DE
[72] ROHRBAUGH, ROBERT HENRY, US
[72] LIDDLE, HEATHER ANNE, US
[72] CRAMER, RONALD DEAN, US
[72] CARTER, JOHN DAVID, GB
[72] PONOMARENKO, EKATERINA ANATOLYEVNA, DE
[72] BURCKETT ST. LAURENT, JAMES CHARLES THEOPHILE ROGER, BE
[72] MCDONALD, MICHAEL RAY, US
[72] JORDAN, GLENN THOMAS IV, US
[72] GOSSELINK, EUGENE PAUL, US
[72] THUEMLER, KARL EDWARD, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-06-26
[86] 2002-01-30 (PCT/US2002/002606)
[87] 2002-08-22 (WO2002/064877)
[30] US (60/265,013) 2001-01-30

[21] **2,433,061**
[13] A1

[51] **Int.Cl. 7H04B 10/00 7H04J 14/02 7H04L 12/56**
[25] EN
[54] **MAINTAINING QUALITY OF PACKET TRAFFIC IN OPTICAL NETWORK WHEN A FAILURE OF AN OPTICAL LINK OCCURS**
[54] **MAINTIEN DE LA QUALITE DU TRAFIC DE PAQUETS DANS UN RESEAU OPTIQUE EN CAS DE PANNE D'UNE LIAISON OPTIQUE**
[72] GROHN, AKI, FI
[72] JUVONEN, REIJO, FI
[72] OKSANEN, MARKKU, FI
[72] TERVONEN, ARI, FI
[72] BROWN, RONALD, FI
[72] PIETILAINEN, ANTTI, FI
[72] KAAJA, HARALD, FI
[71] NOKIA CORPORATION, FI
[85] 2003-06-25
[86] 2001-01-04 (PCT/FI2001/000012)
[87] 2002-07-11 (WO2002/054629)

[21] **2,433,066**
[13] A1

[51] **Int.Cl. 7C07D 493/10 7A61P 3/04 7C07D 493/20 7A61K 31/33 7C07D 311/78**
[25] EN
[54] **NOVEL MULTI-RING ORGANIC COMPOUNDS FOR REGULATING GUT MOTILITY AND FOOD INTAKE**
[54] **NOUVEAUX COMPOSES ORGANIQUES A NOYAUX MULTIPLES POUR REGULER LE TRANSIT INTESTINAL ET EQUILIBRER LA RATION ALIMENTAIRE**
[72] DURST, TONY, CA
[72] KRANTIS, ANTHONY, CA
[71] ENPHARMA L.P., BM
[71] DURST, TONY, CA
[71] KRANTIS, ANTHONY, CA
[85] 2003-06-26
[86] 2002-01-11 (PCT/CA2002/000025)
[87] 2002-07-18 (WO2002/055522)
[30] US (60/261,019) 2001-01-11

[21] **2,433,067**
[13] A1

[51] **Int.Cl. 7C07D 501/04**
[25] EN
[54] **AN IMPROVED METHOD FOR PREPARATION OF CEFUROXIME AXETIL**
[54] **PROCEDE AMELIORE DE PREPARATION DE CEFUROXIME AXETIL**
[72] SANKARAN, RAMANATHAN, IN
[72] BHAT, SUNIL GURUDATT, IN
[72] CHAVAN, YUVARAJ ATMARAM, IN
[72] MARUTIKUMAR, TANGUTURI VENKATA, IN
[72] KANSAL, VINOD KUMAR, IN
[71] LUPIN LIMITED, IN
[85] 2003-06-25
[86] 2001-07-25 (PCT/IN2001/000134)
[87] 2003-02-06 (WO2003/010170)

[21] **2,433,068**
[13] A1

[51] **Int.Cl. 7H04N 7/10 7H04N 7/025**
[25] EN
[54] **ADVERTISEMENTS IN A TELEVISION RECORDATION SYSTEM**
[54] **ANNONCES PUBLICITAIRES DANS UN SYSTEME D'ENREGISTREMENT TELEVISUEL**
[72] ROSENBERG, SCOTT A., US
[71] SONICBLUE INCORPORATED, US
[85] 2003-06-26
[86] 2001-12-26 (PCT/US2001/050855)
[87] 2002-07-18 (WO2002/056577)
[30] US (60/258,671) 2000-12-27
[30] US (09/978,144) 2001-10-15

[21] **2,433,069**
[13] A1

[51] **Int.Cl. 7G01N 33/569**
[25] EN
[54] **LATENT HUMAN TUBERCULOSIS MODEL, DIAGNOSTIC ANTIGENS, AND METHODS OF USE**
[54] **MODELE DE TUBERCULOSE HUMAINE LATENTE, ANTIGENES DIAGNOSTIQUES ET METHODES D'UTILISATION ASSOCIEES**
[72] KING, PETER, US
[72] DESLAURIERS, MANON, US
[72] BEALL, DAVID S., US
[72] BIRKNESS, KRISTIN A., US
[72] QUINN, FREDERICK D., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DI SEASE CONTROL AND PREVENTION, US
[85] 2003-06-17
[86] 2002-01-07 (PCT/US2002/000309)
[87] 2002-07-11 (WO2002/054073)
[30] US (60/260,348) 2001-01-08
[30] US (60/311,235) 2001-08-09

[21] **2,433,073**
[13] A1

[51] **Int.Cl. 7C07C 29/80 7B01D 3/14 7C07C 31/20**
[25] EN
[54] **METHOD AND DEVICE FOR THE DISTILLATIVE PROCESSING OF 1,6-HEXANDIOL, 1,5-PENTANDIOL AND CAPROLACTONE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT PAR DISTILLATION DE 1,6-HEXANDIOL, DE 1,5-PENTANDIOL ET DE CAPROLACTONE**
[72] KAIBEL, GERD, DE
[72] GALL, MARTIN, DE
[72] STEIN, FRANK, DE
[72] RUST, HARALD, DE
[72] KRUG, THOMAS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2003-06-25
[86] 2002-01-08 (PCT/EP2002/000105)
[87] 2002-07-18 (WO2002/055460)
[30] DE (101 00 552.0) 2001-01-09

Demandes PCT entrant en phase nationale

[21] **2,433,074**
[13] A1

[51] **Int.Cl. 7B02C 13/00**
[25] EN
[54] **ROTOR FOR HAMMER- OR CHOPPER MILL**
[54] **ROTOR POUR BROYEUR-CONCASSEUR**
[72] JORGENSEN, HENNING, DK
[71] SPROUT-MATADOR A/S, DK
[85] 2003-06-25
[86] 2002-01-15 (PCT/DK2002/000025)
[87] 2002-07-25 (WO2002/057018)
[30] DK (PA 2001 00072) 2001-01-16

[21] **2,433,075**
[13] A1

[51] **Int.Cl. 7C07D 285/24 7A61P 35/00**
[25] EN
[54] **BENZO THIADIAZINE MATRIX METALLOPROTEINASE INHIBITORS**
[54] **BENZO-THIADIAZINES INHIBITRICES DES METALLOPROTEINASES MATRICIELLES**
[72] PICARD, JOSEPH ARMAND, US
[72] WILSON, MICHAEL WILLIAM, US
[71] WARNER-LAMBERT COMPANY LLC, US
[85] 2003-06-25
[86] 2002-01-11 (PCT/IB2002/000083)
[87] 2002-08-22 (WO2002/064578)
[30] US (60/268,782) 2001-02-14

[21] **2,433,079**
[13] A1

[51] **Int.Cl. 7C12N 15/82**
[25] EN
[54] **REGULATORY GENES SUITABLE FOR USE IN GENE EXPRESSION**
[54] **ELEMENTS REGULATEURS CONVENANT A L'EXPRESSION GENIQUE**
[72] JEPSON, IAN, GB
[72] GREENLAND, ANDREW JAMES, GB
[72] MARTINEZ, ALBERTO, GB
[72] ROXBEE COX, LYNNE MARIE, GB
[71] SYNGENTA LIMITED, GB
[85] 2003-06-25
[86] 2002-02-13 (PCT/GB2002/000633)
[87] 2002-08-22 (WO2002/064802)
[30] GB (0103524.5) 2001-02-13
[30] GB (0103523.7) 2001-02-13
[30] GB (0103521.1) 2001-02-13
[30] GB (0103520.3) 2001-02-13

[21] **2,433,081**
[13] A1

[51] **Int.Cl. 7A61L 24/00 7A61B 17/12**
[25] EN
[54] **BIOACTIVE MATERIALS FOR ANEURYSM REPAIR**
[54] **MATIERES BIOACTIVES POUR REPARATION D'UN ANEURISME**
[72] LEE, ELAINE, US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2003-06-26
[86] 2001-12-26 (PCT/US2001/049623)
[87] 2002-07-04 (WO2002/051460)
[30] US (09/749,980) 2000-12-27

[21] **2,433,082**
[13] A1

[51] **Int.Cl. 7A61L 26/00**
[25] EN
[54] **ANHYDROUS, HYDROPHILIC ABSORBENT WOUND DRESSING**
[54] **PANSEMENT HYDROPHILE ABSORBANT ANHYDRE POUR BLESSURES**
[72] HOBSON, DAVID W., US
[72] DUQUE, PILAR P., US
[72] JONES, DAVID P., US
[71] HEALTHPOINT, LTD., US
[85] 2003-06-26
[86] 2001-08-08 (PCT/US2001/024800)
[87] 2002-07-04 (WO2002/051461)
[30] US (09/749,003) 2000-12-27

[21] **2,433,084**
[13] A1

[51] **Int.Cl. 7C07D 403/10 7C07D 209/00 7C07D 241/00 7C07D 279/00 7A61P 11/00 7A61P 17/00 7A61P 27/02 7C07D 487/04 7C07D 513/04 7A61K 31/495**
[25] EN
[54] **1-(2-METHOXYBENZYL)-3-BENZHYDRYLPIPERAZINES AS TACHYKININ ANTAGONISTS**
[54] **1-(2-METHOXYBENZYL)-3-BENZHYDRYLPIPERAZINES UTILISEES COMME ANTAGONISTES DE LA TACHYKININE**
[72] MORITA, MASATAKA, JP
[72] AZAMI, HIDENORI, JP
[72] EIYU, YOSHITERU, JP
[72] NAKAI, KAZUO, JP
[72] SHIGENAGA, SHINJI, JP
[72] TAKE, KAZUKIKO, JP
[72] KASAHARA, CHIYOSHI, JP
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP
[85] 2003-06-26
[86] 2001-12-21 (PCT/JP2001/011240)
[87] 2002-07-18 (WO2002/055518)
[30] AU (PR 2373) 2001-01-02

[21] **2,433,085**
[13] A1

[51] **Int.Cl. 7D06M 11/00 7D06M 13/00 7D06M 15/00**
[25] EN
[54] **PROCESS FOR PATTERNING TEXTILE MATERIALS AND FABRICS MADE THEREFROM**
[54] **PROCEDE DE FORMATION DE MOTIFS SUR DES MATERIAUX TEXTILES ET TISSUS FABRIQUES A PARTIR DE CES MATERIAUX**
[72] WILLIAMS, DALE R., US
[72] MOORE, F. JEFFERY, US
[72] CLIVER, JAMES D., US
[72] LOVINGOOD, SCOTT, US
[71] MILLIKEN & COMPANY, US
[85] 2003-06-26
[86] 2001-12-13 (PCT/US2001/047781)
[87] 2002-07-18 (WO2002/055785)
[30] US (09/756,956) 2001-01-09

[21] **2,433,086**
[13] A1

[51] **Int.Cl. 7H04Q 7/20 7H04B 1/38**
[25] EN
[54] **A MOBILE COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION MOBILE**
[72] RAMASWAMY, KUMAR, US
[72] HEREDIA, EDWIN ARTURO, US
[71] THOMSON LICENSING S.A., FR
[85] 2003-06-26
[86] 2002-01-09 (PCT/US2002/000544)
[87] 2002-07-18 (WO2002/056613)
[30] US (09/757,315) 2001-01-09

PCT Applications Entering the National Phase

[21] **2,433,090**
[13] A1

[51] **Int.Cl. 7C07D 401/12 7A61P 15/00 7A61P 43/00 7A61P 19/02 7A61P 1/04 7A61P 3/06 7A61P 37/06 7A61P 15/08 7A61P 3/10 7A61P 9/10 7C07D 403/12 7C07D 405/12 7C07D 417/12 7C07D 401/14 7C07D 417/14 7A61P 1/14 7C07D 207/16 7A61P 31/18 7A61K 31/4025 7A61K 31/428 7A61K 31/433 7A61K 31/4439 7A61K 31/454 7A61K 31/4545 7A61K 31/4709 7A61K 31/4725 7A61K 31/496 7A61K 31/497 7A61K 31/498 7A61K 31/501 7A61K 31/502 7A61K 31/506 7A61K 31/517 7A61K 31/5377**

[25] EN
[54] **DIPEPTIDYL PEPTIDASE IV INHIBITOR**
[54] **INHIBITEUR DE DIPEPTIDYL PEPTIDASE IV**
[72] NOMOTO, YUJI, JP
[72] OGAWA, AKIRA, JP
[72] UENO, KIMIHIISA, JP
[72] MATSUNO, KENJI, JP
[72] KUSAKA, HIDEAKI, JP
[72] TAKASAKI, KOTARO, JP
[72] IWATA, YASUHIRO, JP
[72] NAKANISHI, SATOSHI, JP
[72] MATSUMOTO, YUICHI, JP
[71] KYOWA HAKKO KOGYO CO. LTD., JP

[85] 2003-06-26
[86] 2001-12-27 (PCT/JP2001/011578)
[87] 2002-07-04 (WO2002/051836)
[30] JP (2000-398441) 2000-12-27
[30] JP (2001-261409) 2001-08-30

[21] **2,433,093**
[13] A1

[51] **Int.Cl. 7F04B 43/00 7F04B 45/04**

[25] EN
[54] **DIAPHRAGM PUMP**
[54] **POMPE A MEMBRANE**
[72] GRETER, ANDY, CH
[71] MEDELA AG, CH

[85] 2003-06-26
[86] 2001-12-20 (PCT/CH2001/000733)
[87] 2002-07-11 (WO2002/053914)
[30] EP (01100206.0) 2001-01-02

[21] **2,433,094**
[13] A1

[51] **Int.Cl. 7A61K 7/32 7A61J 3/00 7A61K 9/06**

[25] EN
[54] **METHOD FOR PRODUCING AN OPTICAL FIBRE**
TELECOMMUNICATIONS CABLE WITH REDUCED POLARIZATION MODE DISPERSION
[54] **PROCEDE DE FABRICATION D'UN CABLE DE TELECOMMUNICATIONS A FIBRES OPTIQUES AVEC MODE DE POLARISATION A DISPERSION REDUITE**
[72] CAVALLARO, ALFONSO, IT
[72] DI NOLA, FRANCESCO, IT
[72] MAZZOTTI, ANDREA, IT
[72] COCCHINI, FRANCO, IT
[71] PIRELLI S.P.A., IT

[85] 2003-06-26
[86] 2001-12-14 (PCT/EP2001/014760)
[87] 2002-07-11 (WO2002/053117)
[30] EP (00128599.8) 2000-12-28
[30] US (60/259,209) 2001-01-03

[21] **2,433,098**
[13] A1

[51] **Int.Cl. 7G01N 1/08 7G01N 1/14**

[25] EN
[54] **PORTABLE SAMPLING LANCE**
[54] **LANCE DE PRELEVEMENT PORTABLE**
[72] STROKA, JOERG, DE
[71] EUROPEAN COMMUNITY, BE

[85] 2003-06-26
[86] 2001-12-15 (PCT/EP2001/014845)
[87] 2002-07-11 (WO2002/054040)
[30] EP (01100435.5) 2001-01-08

[21] **2,433,125**
[13] A1

[51] **Int.Cl. 7A61K 31/132 7A61P 37/04 7A61P 31/12 7A61P 31/18 7A61P 31/20 7A61P 31/22**

[25] EN
[54] **MEDICAMENT CONTAINING A POLYAMINE AS AN ACTIVE SUBSTANCE**
[54] **MEDICAMENTS CONTENANT UNE POLYAMINE EN TANT QUE PRINCIPE ACTIF**
[72] FRIEDERICH, SONJA MARIA, DE
[72] SCHLAPP, TOBIAS, DE
[72] VOLLMER, MARTIN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE

[85] 2003-06-26
[86] 2001-12-19 (PCT/EP2001/015005)
[87] 2002-07-11 (WO2002/053149)
[30] DE (100 65 710.9) 2000-12-29

[21] **2,433,126**
[13] A1

[51] **Int.Cl. 7C08L 67/02 7C08K 5/053**

[25] EN
[54] **POLYESTER COMPOSITIONS OF LOW RESIDUAL ALDEHYDE CONTENT**
[54] **COMPOSITIONS DE POLYESTER A FAIBLE TENEUR RESIDUELLE EN ALDEHYDE**
[72] ODORISIO, PAUL ANGELO, US
[72] SIMON, DIRK, DE
[72] ANDREWS, STEPHEN MARK, US
[71] CIBA-SPECIALTY CHEMICALS HOLDING INC., CH

[85] 2003-06-26
[86] 2001-12-19 (PCT/EP2001/015011)
[87] 2002-07-11 (WO2002/053643)
[30] US (60/259,140) 2000-12-29
[30] US (60/287,925) 2001-04-30

Demandes PCT entrant en phase nationale

[21] **2,433,128**
[13] A1
[51] **Int.Cl. 7C07D 453/02 7A61P 43/00 7A61K 31/439**
[25] EN
[54] **QUINUCLIDINE DERIVATIVES AND THEIR USE AS M3 ANTAGONISTS**
[54] **NOUVEAUX DERIVES DE QUINUCLIDINE ET COMPOSITIONS MEDICINALES CONTENANT CES DERNIERS**
[72] PRAT QUINONES, MARIA, ES
[72] FERNANDEZ FORNER, MARIA DOLORS, ES
[72] BUIL ALBERO, MARIA ANTONIA, ES
[71] ALMIRALL PRODEFARMA AG, CH
[85] 2003-06-26
[86] 2001-12-20 (PCT/EP2001/015168)
[87] 2002-07-11 (WO2002/053564)
[30] ES (P0003130) 2000-12-28

[21] **2,433,129**
[13] A1
[51] **Int.Cl. 7G08C 23/04 7G08C 17/02**
[25] EN
[54] **UNIVERSAL REMOTE CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DISTANT UNIVERSEL**
[72] BORSOI, LUIGI, IT
[72] COLLOVINI, ROBERTO, IT
[71] TELECO AUTOMATION S.R.L., IT
[85] 2003-06-26
[86] 2001-12-27 (PCT/EP2001/015319)
[87] 2002-07-11 (WO2002/054367)
[30] IT (VE2000A000054) 2000-12-29

[21] **2,433,131**
[13] A1
[51] **Int.Cl. 7A61L 27/20 7A61L 27/26 7A61B 17/32 7A61L 27/38 7A61F 2/46**
[25] EN
[54] **USE OF A BIOLOGICAL MATERIAL CONTAINING THREE-DIMENSIONAL SCAFFOLDS OF HYALURONIC ACID DERIVATIVES FOR THE PREPARATION OF IMPLANTS IN ARTHROSCOPY AND KIT FOR INSTRUMENTS FOR IMPLANTING SAID BIOLOGICAL MATERIAL BY ARTHROSCOPY**
[54] **UTILISATION D'UNE MATIERE BIOLOGIQUE CONTENANT DES ACCROCHAGES TRIDIMENSIONNELS DE DERIVES D'ACIDE HYALURONIQUE POUR LA PREPARATION D'IMPLANTS EN ARTHROSCOPIE ET TROUSSE D'INSTRUMENTS POUR L'IMPLANT DE LADITE MATIERE BIOLOGIQUE PAR ARTHROSCOPIE**
[72] MARCACCI, MAURILIO, IT
[72] CALLEGARO, LANFRANCO, IT
[72] DI FEDE, SERGIO, IT
[71] FIDIA ADVANCED BIOPOLYMERS SRL, IT
[85] 2003-06-26
[86] 2001-12-27 (PCT/EP2001/015341)
[87] 2002-07-11 (WO2002/053201)
[30] IT (MI2000A002845) 2000-12-28
[30] IT (PD2001A000090) 2001-04-12

[21] **2,433,134**
[13] A1
[51] **Int.Cl. 7F16B 37/06 7F16B 17/00**
[25] EN
[54] **BOLT ELEMENT COMPRISING A SHAFT PART AND A SPHERICAL HEAD, ASSEMBLY COMPONENT AND A METHOD FOR PRODUCING A BOLT ELEMENT**
[54] **ELEMENT TOURILLON PRESENTANT UNE PARTIE TIGE ET UNE TETE SPHERIQUE, COMPOSANT D'ASSEMBLAGE ET PROCEDE DE FABRICATION D'UN ELEMENT TOURILLON**
[72] BABEJ, JIRI, DE
[71] PROFIL VERBINDUNGSTECHNIK, GMBH & CO. KG, DE
[85] 2003-06-26
[86] 2001-12-28 (PCT/EP2001/015370)
[87] 2002-07-11 (WO2002/053924)
[30] DE (100 65 670.6) 2000-12-29

[21] **2,433,140**
[13] A1
[51] **Int.Cl. 7H01B 7/02 7H01B 9/00 7C08K 5/00 7H01B 3/44 7C08F 8/46**
[25] EN
[54] **ELECTRICAL CABLE, PARTICULARLY FOR HIGH VOLTAGE DIRECT CURRENT TRANSMISSION OR DISTRIBUTION, AND INSULATING COMPOSITION**
[54] **CABLE ELECTRIQUE, EN PARTICULIER POUR LA TRANSMISSION OU LA DISTRIBUTION DE COURANT CONTINU HAUTE TENSION ET COMPOSITION ISOLANTE**
[72] PEREGO, GABRIELE, IT
[72] ALBIZZATI, ENRICO, IT
[71] PIRELLI S.P.A., IT
[85] 2003-06-26
[86] 2001-12-14 (PCT/EP2001/014765)
[87] 2002-07-04 (WO2002/052582)
[30] EP (00128567.5) 2000-12-27
[30] US (60/259,208) 2001-01-03

[21] **2,433,142**
[13] A1
[51] **Int.Cl. 7B01J 19/08 7H05F 3/00**
[25] EN
[54] **ACTIVATED WATER APPARATUS AND METHODS**
[54] **DISPOSITIF ET PROCEDES DE PREPARATION D'EAU ACTIVEE**
[72] PASKALOV, GEORGE, US
[72] GORODKIN, MARK, US
[72] SOKOLOV, VICTOR, US
[71] HYDRO ENTERPRISES, US
[85] 2003-06-26
[86] 2001-12-20 (PCT/US2001/049310)
[87] 2002-08-01 (WO2002/058449)
[30] US (60/258,208) 2000-12-27

[21] **2,433,144**
[13] A1
[51] **Int.Cl. 7A61B 5/05 7A61B 5/00**
[25] EN
[54] **ANALYTE MONITORING DEVICE AND METHODS OF USE**
[54] **DISPOSITIF DE SURVEILLANCE D'ANALYTE ET PROCEDES D'UTILISATION**
[72] HELLER, ADAM, US
[72] FUNDERBURK, JEFFERY V., US
[72] JIN, ROBERT Y., US
[72] DRUCKER, STEVEN M., US
[71] THERASENSE, INC., US
[85] 2003-06-26
[86] 2001-12-28 (PCT/US2001/050832)
[87] 2002-08-01 (WO2002/058537)
[30] US (09/753,746) 2001-01-02

PCT Applications Entering the National Phase

[21] **2,433,145**
[13] A1

[51] **Int.Cl. 7B01L 3/00 7B01J 19/00 7F16K 1/00**
[25] EN
[54] **MICROFLUIDIC DEVICES AND METHODS FOR CHEMICAL ASSAYS**
[54] **ANALYSES CHIMIQUES**
[72] AUTON, KEVIN ANDREW, GB
[72] SCHUROV, SERGEI MIKHAILOVICH, GB
[72] WIGLEY, DAVID JOHN, GB
[72] RYAN, PAUL THOMAS, GB
[71] NEXTGEN SCIENCES LTD., GB
[85] 2003-06-26
[86] 2001-11-22 (PCT/GB2001/005158)
[87] 2002-05-30 (WO2002/041994)
[30] GB (0028647.6) 2000-11-24

[21] **2,433,146**
[13] A1

[51] **Int.Cl. 7B01D 53/68 7B01D 53/86**
[25] EN
[54] **DECOMPOSITION OF FLUORINE CONTAINING COMPOUNDS**
[54] **DECOMPOSITION DE COMPOSES FLUORES**
[72] DRAPER, LEE COLIN, GB
[72] SCOTT, JOHN DAVID, GB
[71] INEOS FLUOR HOLDINGS LIMITED, GB
[85] 2003-06-26
[86] 2002-01-24 (PCT/GB2002/000264)
[87] 2002-08-01 (WO2002/058824)
[30] GB (0101769.8) 2001-01-24

[21] **2,433,147**
[13] A1

[51] **Int.Cl. 7A61N 1/37 7A61N 1/372**
[25] EN
[54] **LEADLESS FULLY AUTOMATIC PACEMAKER FOLLOW-UP**
[54] **SURVEILLANCE DE STIMULATEUR CARDIAQUE ENTIEREMENT AUTOMATIQUE ET SANS CONNECTEUR**
[72] COMBS, WILLIAM J., US
[72] BERG, GARY, US
[71] MEDTRONIC, INC., US
[85] 2003-06-26
[86] 2001-11-08 (PCT/US2001/047213)
[87] 2002-07-04 (WO2002/051497)
[30] US (09/749,169) 2000-12-27

[21] **2,433,149**
[13] A1

[51] **Int.Cl. 7C08F 2/48 7C08F 220/18 7C08F 2/50**
[25] EN
[54] **CURABLE CASTING COMPOSITIONS HAVING A HIGH REFRACTIVE INDEX AND HIGH IMPACT RESISTANCE**
[54] **COMPOSITIONS DE MOULAGE DURCISSABLES PRESENTANT UN INDICE DE REFRACTION ET UNE RESISTANCE AUX CHOCS ELEVES**
[72] ZHENG, QIANG, US
[71] RODENSTOCK NORTH AMERICA, INC., US
[85] 2003-06-26
[86] 2001-12-17 (PCT/US2001/049356)
[87] 2002-07-04 (WO2002/051876)
[30] US (09/748,749) 2000-12-27

[21] **2,433,151**
[13] A1

[51] **Int.Cl. 7G09G 5/00 7G06K 11/06 7G06K 11/14**
[25] EN
[54] **STYLUS COMPUTER**
[54] **ORDINATEUR A STYLET**
[72] GHASSABIAN, FIROOZ, US
[71] GHASSABIAN, FIROOZ, US
[85] 2003-06-26
[86] 2001-12-26 (PCT/US2001/049450)
[87] 2002-07-04 (WO2002/052372)
[30] US (60/258,039) 2000-12-27

[21] **2,433,152**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **FULLY INTEGRATED SERVICE MANAGER WITH AUTOMATIC FLOW-THROUGH INTERCONNECTION**
[54] **GESTIONNAIRE DE SERVICES ENTIEREMENT INTEGRES COMPORTANT UNE INTERCONNEXION DE TRANSFERT AUTOMATIQUE**
[72] CURTIS, DAVID C., ZZ
[72] SELWOOD, CHRISTOPHER J., US
[71] WISOR TELECOM CORPORATION, US
[85] 2003-06-26
[86] 2001-12-21 (PCT/US2001/050224)
[87] 2002-07-04 (WO2002/052380)
[30] US (09/748,837) 2000-12-27

[21] **2,433,153**
[13] A1

[51] **Int.Cl. 7H01L 21/768**
[25] EN
[54] **METHOD FOR ELIMINATING REACTION BETWEEN PHOTORESIST AND ORGANOSILICATE GLASS**
[54] **PROCEDE D'ELIMINATION DE REACTION ENTRE UNE PHOTORESINE ET UN VERRE ORGANO-SILICATE**
[72] DANIELS, BRIAN J., US
[72] DUNNE, JUDE A., US
[72] KENNEDY, JOSEPH T., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-06-26
[86] 2001-12-20 (PCT/US2001/050233)
[87] 2002-07-04 (WO2002/052642)
[30] US (09/748,692) 2000-12-26

[21] **2,433,154**
[13] A1

[51] **Int.Cl. 7G06F 1/00**
[25] EN
[54] **METHOD AND SYSTEM FOR OBTAINING DIGITAL SIGNATURES**
[54] **PROCEDE ET SYSTEME D'OBTENTION DE SIGNATURES NUMERIQUES**
[72] SPITZ, CHARLES F., US
[71] COMPUTER ASSOCIATES THINK, INC., US
[85] 2003-06-26
[86] 2001-12-10 (PCT/US2001/048290)
[87] 2002-08-01 (WO2002/059728)
[30] US (09/767,398) 2001-01-23

[21] **2,433,155**
[13] A1

[51] **Int.Cl. 7D06B 1/02 7D02G 1/12 7D02G 1/20**
[25] EN
[54] **SPACE DYED YARN**
[54] **FIL TEINT PAR SECTIONS**
[72] BROWN, ROBERT S., US
[72] PASCOE, WILLIAM M., US
[71] MILLIKEN & COMPANY, US
[85] 2003-06-26
[86] 2002-01-08 (PCT/US2002/000312)
[87] 2002-08-01 (WO2002/059406)
[30] US (09/769,974) 2001-01-25

Demandes PCT entrant en phase nationale

[21] **2,433,170**
[13] A1
[51] **Int.Cl. 7H04H 1/00**
[25] EN
[54] **METHOD FOR PRESENTING CATEGORISED INFORMATION**
[54] **WEBRADIO**
[72] BERTRAM, LUTZ, DE
[72] TRINKEL, MARIAN, DE
[71] DEUTSCHE TELEKOM AG, DE
[85] 2003-06-27
[86] 2001-10-31 (PCT/EP2001/012613)
[87] 2002-07-25 (WO2002/058291)
[30] DE (101 02 591.2) 2001-01-20

[21] **2,433,180**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7A61K 38/17 7C07K 14/435 7G01N 33/68 7A61K 31/7088**
[25] EN
[54] **APOPTOSIS PROMOTING AND SUPPRESSING SUBSTANCES INTERACTING WITH CGI-94, AND METHODS FOR SCREENING THE SAME**
[54] **SUBSTANCES PROMOUVANT ET SUPPRIMANT L' APOPTOSE INTERAGISSANT AVEC CGI-94, ET METHODES DE CRIBLAGE DE CES SUBSTANCES**
[72] SAWADA, TOHRU, JP
[72] YAMADA, TAKASHI, JP
[72] NAGAI, YASUO, JP
[72] HEESE, KLAUS, JP
[71] BF RESEARCH INSTITUTE, INC., JP
[85] 2003-07-09
[86] 2003-02-19 (PCT/JP2003/001778)
[87] 2003-08-19 (WO/)
[30] JP (2002-041176) 2002-02-19

[21] **2,433,195**
[13] A1
[51] **Int.Cl. 7G01N 33/532 7G01N 33/533 7G01N 33/534 7G01N 33/535 7G01N 33/545**
[25] EN
[54] **COMPOSITION AND METHODS FOR SYNTHESIS OF NOVEL TRACERS FOR DETECTING AMPHETAMINE AND METHAMPHETAMINE IN SAMPLES**
[54] **COMPOSITION ET PROCEDES PERMETTANT LA SYNTHESE DE NOUVEAUX TRACEURS POUR DETECTER L' AMPHETAMINE ET LA METHAMPHETAMINE DANS DES ECHANTILLONS**
[72] WANG, GUOHONG, US
[72] FOLEY, THOMAS, US
[71] LIFEPOINT, INC., US
[85] 2003-06-04
[86] 2001-11-29 (PCT/US2001/045024)
[87] 2002-07-25 (WO2002/057739)
[30] US (09/730,095) 2000-12-04

[21] **2,433,200**
[13] A1
[51] **Int.Cl. 7A61K 48/00 7A01K 67/033**
[25] EN
[54] **USE OF A HELMINTH FOR THE IN VIVO DELIVERY OF A MEDICAMENT**
[54] **DISPOSITIF DE LIBERATION PROLONGEE D' UN AGENT BIOACTIF ET PROCEDES DE PREPARATION ET D' UTILISATION DE CE DISPOSITIF**
[72] PIERCE, ROBERT H., US
[72] KURTIS, JONATHAN, US
[71] PIERCE, ROBERT H., US
[71] KURTIS, JONATHAN, US
[85] 2003-06-30
[86] 2001-11-13 (PCT/US2001/051212)
[87] 2002-05-16 (WO2002/038752)
[30] US (60/248,113) 2000-11-13
[30] US (10/008,340) 2001-11-13

[21] **2,433,227**
[13] A1
[51] **Int.Cl. 7C07H 21/04 7C07K 5/00 7C12N 15/00 7A61K 39/395 7G01N 33/53**
[25] EN
[54] **SPECIFIC HUMAN ANTIBODIES FOR SELECTIVE CANCER THERAPY**
[54] **ANTICORPS HUMAINS SPECIFIQUES POUR LA THERAPIE SELECTIVE DU CANCER**
[72] LIPSCHITZ, ORLY, IL
[72] HAGAI, YOCHAVED, IL
[72] LAZAROVITS, JANETTE, IL
[72] SZANTON, ESTHER, IL
[72] GUY, RACHEL, IL
[72] PERETZ, TUVIA, IL
[72] LEVANON, AVIGDOR, IL
[72] PLAKSIN, DANIEL, IL
[71] BIO-TECHNOLOGY GENERAL CORP., US
[85] 2003-06-27
[86] 2001-12-31 (PCT/US2001/049440)
[87] 2002-08-01 (WO2002/059264)
[30] US (09/751,181) 2000-12-29

[21] **2,433,230**
[13] A1
[51] **Int.Cl. 7A23L 1/18 7A21B 5/02 7A23L 1/10 7A23P 1/10 7A23P 1/14 7A23L 1/164**
[25] EN
[54] **AN APPARATUS AND METHOD FOR PRODUCING CEREAL CAKES**
[54] **APPAREIL ET PROCEDE POUR PRODUIRE DES GATEAUX DE CEREALES**
[72] SMITH, GORDON MACDONALD BODIE, GB
[71] MARS, INCORPORATED, US
[85] 2003-06-26
[86] 2001-12-19 (PCT/GB2001/005652)
[87] 2002-07-11 (WO2002/052953)
[30] GB (0100042.1) 2001-01-02

PCT Applications Entering the National Phase

[21] **2,433,236**
[13] A1

[51] **Int.Cl. 7G01N 33/569**
[25] EN
[54] **ASSAY TO DETERMINE EFFICACY OF TREATMENT FOR MYCOBACTERIAL INFECTION**
[54] **ESSAI BIOLOGIQUE PERMETTANT D'ÉVALUER L'EFFICACITÉ DU TRAITEMENT D'UNE INFECTION MYCOBACTERIENNE**
[72] LALVANI, AJIT, GB
[71] ISIS INNOVATION LTD., GB
[85] 2003-06-26
[86] 2002-01-08 (PCT/GB2002/000055)
[87] 2002-07-11 (WO2002/054072)
[30] GB (0100432.4) 2001-01-08
[30] US (60/259,868) 2001-01-08

[21] **2,433,239**
[13] A1

[51] **Int.Cl. 7B32B 27/32 7B32B 15/08 7B32B 15/18**
[25] EN
[54] **PROTECTIVE COATING FOR METAL SURFACES CONTAINING A NON-ORIENTED MULTILAYER FILM WITH A POLYOLEFIN CORE**
[54] **REVÊTEMENT PROTECTEUR POUR SURFACES MÉTALLIQUES RENFERMANT UN FILM MULTICOUCHE NON ORIENTÉ AVEC UN NOYAU EN POLYOLEFINE**
[72] KELCH, ROBERT H., US
[72] MCGEE, ROBERT L., US
[71] DOW GLOBAL TECHNOLOGIES INC., US
[85] 2003-05-20
[86] 2001-09-28 (PCT/US2001/030560)
[87] 2002-06-13 (WO2002/045957)
[30] US (60/251,676) 2000-12-06

[21] **2,433,253**
[13] A1

[51] **Int.Cl. 7B32B 5/18 7B32B 27/32 7E21D 11/38**
[25] EN
[54] **WATERPROOFING SHEET**
[54] **TOLE D'ÉTANCHEITÉ**
[72] GORDUN BURILLO, FERNANDO, ES
[71] GORDUN BURILLO, FERNANDO, ES
[85] 2003-06-26
[86] 2001-11-08 (PCT/IB2001/002101)
[87] 2002-07-11 (WO2002/053367)
[30] ES (P 200003128) 2000-12-28

[21] **2,433,259**
[13] A1

[51] **Int.Cl. 7A61K 31/41**
[25] EN
[54] **AZOLE COMPOUNDS AS ANTI-FUNGALS AGENTS**
[54] **COMPOSES AZOLIQUES UTILISES COMME ANTIFONGIQUES**
[72] SALMAN, MOHAMMED, IN
[72] RATTAN, ASHOK, IN
[72] VERMA, ASHWANI KUMAR, IN
[72] SATTIGERI, JITENDRA, IN
[72] KATOCH, RITA, IN
[71] RANBAXY LABORATORIES LIMITED, IN
[85] 2003-06-26
[86] 2001-12-21 (PCT/IB2001/002620)
[87] 2002-07-04 (WO2002/051408)
[30] IN (1197/DEL/2000) 2000-12-26

[21] **2,433,261**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 29/12**
[25] EN
[54] **NETWORK PROTOCOLS FOR DISTRIBUTING FUNCTIONS WITHIN A NETWORK**
[54] **PROTOCOLES DE RESEAU POUR LA REPARTITION DE FONCTION A L'INTERIEUR D'UN RESEAU**
[72] STEWART, DANIEL B., CA
[72] BOTTE, JAMES M., CA
[71] NORTEL NETWORKS LIMITED, CA
[85] 2003-06-26
[86] 2001-12-20 (PCT/IB2001/002635)
[87] 2002-07-11 (WO2002/054705)
[30] US (09/751,189) 2000-12-29

[21] **2,433,262**
[13] A1

[51] **Int.Cl. 7B26F 1/44**
[25] EN
[54] **FLEXIBLE DIE AND METHOD OF MANUFACTURING THE FLEXIBLE DIE**
[54] **MATRICE FLEXIBLE ET SON PROCÉDE DE FABRICATION**
[72] MISAKI, KAORU, JP
[71] TSUKATANI HAMONO NFG. CO., LTD., JP
[85] 2003-06-26
[86] 2001-12-14 (PCT/JP2001/011011)
[87] 2002-07-11 (WO2002/053332)
[30] JP (2000-400012) 2000-12-28

[21] **2,433,266**
[13] A1

[51] **Int.Cl. 7A61K 31/198 7A61P 1/02 7A61P 31/04**
[25] EN
[54] **COMPOSITIONS FOR ORAL USE**
[54] **COMPOSITIONS ORALES**
[72] NAKANO, YOSHIO, JP
[72] YOSHIMURA, MAMIKO, JP
[71] TAISHO PHARMACEUTICAL CO., LTD., JP
[71] KYUSHU TLO COMPANY, LIMITED, JP
[85] 2003-06-26
[86] 2001-12-26 (PCT/JP2001/011457)
[87] 2002-07-04 (WO2002/051404)
[30] JP (2000-394547) 2000-12-26

[21] **2,433,267**
[13] A1

[51] **Int.Cl. 7H05B 6/46**
[25] EN
[54] **TN APPLIANCE FOR THE EQUALISATION OF HEAT IN A DIELECTRIC LOAD HEATED BY AN OSCILLATING ELECTRIC/ELECTROMAGNETIC FIELD**
[54] **APPAREIL D'ÉQUILIBRAGE DE LA CHALEUR DANS UNE CHARGE DIELECTRIQUE CHAUFFÉE PAR UN CHAMP ELECTRIQUE/ELECTROMAGNETIQUE D'OSCILLATION**
[72] EKEMAR, LARS, SE
[71] EKEMAR, LARS, SE
[85] 2003-06-26
[86] 2002-01-08 (PCT/SE2002/000016)
[87] 2002-07-11 (WO2002/054833)
[30] SE (0100051-2) 2001-01-08

[21] **2,433,271**
[13] A1

[51] **Int.Cl. 7A61M 35/00**
[25] EN
[54] **DEVICE AND METHOD FOR TREATMENT OF SURFACE INFECTIONS WITH NITRIC OXIDE**
[54] **DISPOSITIF ET PROCÉDE DE TRAITEMENT D'INFECTIONS DE SURFACE AU MOYEN D'OXYDE NITRIQUE**
[72] STENZLER, ALEX, US
[71] SENSORMEDICS CORPORATION, US
[85] 2003-06-26
[86] 2001-12-10 (PCT/US2001/047934)
[87] 2002-07-04 (WO2002/051353)
[30] US (09/749,022) 2000-12-26

Demandes PCT entrant en phase nationale

[21] **2,433,278**
[13] A1

[51] **Int.Cl. 7A61B 5/00 7A61B 5/026 7G01N 21/03**
[25] EN
[54] **SENSOR FOR TRANSCUTANEOUS MEASUREMENT OF VASCULAR ACCESS BLOOD FLOW**
[54] **CAPTEUR DESTINE A UNE MESURE TRANSCUTANEE DU DEBIT SANGUIN D'UN ACCES VASCULAIRE**
[72] STEUER, ROBERT R., US
[72] BELL, DAVID A., US
[72] MILLER, DAVID R., US
[71] HEMA METRICS, INC., US
[85] 2003-06-26
[86] 2001-12-20 (PCT/US2001/048562)
[87] 2002-07-11 (WO2002/053025)
[30] US (09/750,076) 2000-12-29

[21] **2,433,279**
[13] A1

[51] **Int.Cl. 7G06K 9/00**
[25] EN
[54] **DIGITAL POLARIZATION FILTER**
[54] **FILTRE DE POLARISATION NUMERIQUE**
[72] KOKEMOHR, NILS, DE
[71] NIK MULTIMEDIA, INC., US
[85] 2003-06-26
[86] 2001-12-28 (PCT/US2001/050003)
[87] 2002-09-19 (WO2002/073518)
[30] US (60/258,653) 2000-12-29

[21] **2,433,280**
[13] A1

[51] **Int.Cl. 7A61K 9/14 7A61K 31/13 7A61K 31/425**
[25] EN
[54] **INHALABLE AZTREONAM FOR TREATMENT AND PREVENTION OF PULMONARY BACTERIAL INFECTIONS**
[54] **AZTREONAM INHALABLE DESTINE AU TRAITEMENT ET A LA PREVENTION D'INFECTIONS BACTERIENNES PULMONAIRES**
[72] MONTGOMERY, ALAN BRUCE, US
[71] SALUS PHARMA, INC., US
[85] 2003-06-26
[86] 2001-12-20 (PCT/US2001/050062)
[87] 2002-07-04 (WO2002/051356)
[30] US (60/258,423) 2000-12-27

[21] **2,433,282**
[13] A1

[51] **Int.Cl. 7G09D 3/02**
[25] EN
[54] **DATE CYCLING STORAGE CALENDAR**
[54] **CALENDRIER DE RANGEMENT PERMETTANT L'ADJONCTION DE NOUVELLES DATES**
[72] DOSS, CATHRYNE, US
[71] DOSS, CATHRYNE, US
[85] 2003-06-26
[86] 2001-12-20 (PCT/US2001/050280)
[87] 2002-07-11 (WO2002/053392)
[30] US (09/748,851) 2000-12-28

[21] **2,433,283**
[13] A1

[51] **Int.Cl. 7A61K 9/68**
[25] EN
[54] **CHEWING GUMS AND RELATED PRODUCTS THAT PROVIDE BREATH FRESHENING CHARACTERISTICS**
[54] **CHEWING-GUMS ET PRODUITS RELATIFS CONFERANT DES CARACTERISTIQUES PURIFICATRICES DE L'HALEINE**
[72] MAXWELL, JAMES R., US
[72] MCGREW, GORDON N., US
[72] TYRPIN, HENRY T., US
[72] GREENBERG, MICHAEL J., US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2003-06-26
[86] 2001-12-21 (PCT/US2001/050409)
[87] 2002-07-04 (WO2002/051392)
[30] US (60/258,534) 2000-12-27

[21] **2,433,292**
[13] A1

[51] **Int.Cl. 7G06F 9/00**
[25] EN
[54] **SYSTEM AND METHOD FOR CREATING A VIRTUAL SUPERCOMPUTER USING COMPUTERS WORKING COLLABORATIVELY IN PARALLEL**
[54] **SYSTEME ET PROCEDE DE CREATION D'UN SUPER-ORDINATEUR VIRTUEL AU MOYEN D'ORDINATEURS FONCTIONNANT EN PARALLELE DE MANIERE COLLABORATIVE**
[72] NICKEL, RONALD, US
[72] MIKOLIC-TORREIRA, IGOR, US
[71] CNA CORPORATION, US
[85] 2003-06-25
[86] 2001-09-13 (PCT/US2001/028343)
[87] 2002-07-11 (WO2002/054224)
[30] US (60/258,354) 2000-12-28
[30] US (09/950,067) 2001-09-12

[21] **2,433,294**
[13] A1

[51] **Int.Cl. 7B29C 41/14 7B29C 41/40 7B29C 41/46 7B29C 33/48**
[25] EN
[54] **METHOD TO PRODUCE NASAL AND ORAL CANNULA BREATHING DETECTION DEVICES**
[54] **PROCEDE DE PRODUCTION DE DISPOSITIFS DE DETECTION DE RESPIRATION A CANULE NASALE ET ORALE**
[72] CURTI, JAMES N., US
[71] SALTER LABS, US
[85] 2003-06-25
[86] 2001-12-12 (PCT/US2001/048154)
[87] 2002-07-11 (WO2002/053346)
[30] US (09/754,471) 2001-01-04
[30] US (09/883,843) 2001-06-18

[21] **2,433,295**
[13] A1

[51] **Int.Cl. 7C08F 4/60 7C08F 210/16 7C08F 4/70**
[25] EN
[54] **POLYMERIZATION CATALYST SYSTEM, POLYMERIZATION PROCESS AND POLYMER THEREFROM**
[54] **SYSTEME CATALYSEUR DE POLYMERISATION, PROCEDE DE POLYMERISATION, ET POLYMERE RESULTANT**
[72] MURRAY, REX EUGENE, US
[71] UNIVATION TECHNOLOGIES LLC, US
[85] 2003-06-25
[86] 2001-12-18 (PCT/US2001/049038)
[87] 2002-07-11 (WO2002/053603)
[30] US (60/258,482) 2000-12-28

[21] **2,433,296**
[13] A1

[51] **Int.Cl. 7G01N 15/10 7C12M 3/00 7G01N 29/02 7C12M 1/26**
[25] EN
[54] **FOCUSED ACOUSTIC EJECTION CELL SORTING SYSTEM AND METHOD**
[54] **SYSTEME DE TRI DE CELLULES PAR EJECTION ACOUSTIQUE FOCALISEE**
[72] LEE, DAVID SOONG-HUA, US
[72] ELLSON, RICHARD N., US
[72] MUTZ, MITCHELL W., US
[71] PICOLITER INC., US
[85] 2003-06-25
[86] 2001-12-28 (PCT/US2001/050753)
[87] 2002-07-11 (WO2002/054044)
[30] US (09/751,666) 2000-12-28

PCT Applications Entering the National Phase

[21] **2,433,297**
[13] A1

[51] **Int.Cl. 7B62D 21/11**
[25] EN
[54] **MODULAR CAST INDEPENDENT FRONT SUSPENSION SUBFRAME**
[54] **SOUS-CADRE DE SUSPENSION AVANT INDEPENDANTE MODULAIRE**
[72] ZIECH, JAMES F., US
[72] ZEBOLSKY, MICHAEL L., US
[71] DANA CORPORATION, US
[85] 2003-06-25
[86] 2001-12-20 (PCT/US2001/050337)
[87] 2002-07-11 (WO2002/053447)
[30] US (60/258,823) 2000-12-28
[30] US (09/772,785) 2001-01-30

[21] **2,433,298**
[13] A1

[51] **Int.Cl. 7B24B 31/14 7B24B 29/00 7C23F 3/00 7B24B 31/06 7C23C 22/73**
[25] EN
[54] **NONABRASIVE MEDIA WITH ACCELERATED CHEMISTRY**
[54] **MOYENS NON ABRASIFS ASSOCIES A DES CONSTITUANTS CHIMIQUES D'ACCELERATION**
[72] WINKELMANN, LANE WILLIAM, US
[72] SROKA, GARY, US
[72] MICHAUD, MARK, US
[72] HOLLAND, JERRY DWAYNE, US
[72] SALERNO, MICHAEL PAUL, US
[71] REM CHEMICALS, INC., US
[85] 2003-06-25
[86] 2002-01-07 (PCT/US2002/000230)
[87] 2002-07-18 (WO2002/055263)
[30] US (09/758,067) 2001-01-10

[21] **2,433,299**
[13] A1

[51] **Int.Cl. 7B62D 27/02 7B62D 21/02 7B62D 21/12**
[25] EN
[54] **METHOD OF JOINING CLOSED SECTION MEMBERS BETWEEN FRAME MODULES**
[54] **PROCEDE PERMETTANT DE JOINDRE DES ELEMENTS A SECTIONS FERMEES ENTRE DES MODULES DE CHASSIS**
[72] MCNALLY, JOHN T., US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2003-06-25
[86] 2002-01-10 (PCT/US2002/000493)
[87] 2002-07-18 (WO2002/055363)
[30] US (60/260,682) 2001-01-11

[21] **2,433,301**
[13] A1

[51] **Int.Cl. 7E21B 23/04 7E21B 23/06**
[25] EN
[54] **RUNNING TOOL AND WELLBORE COMPONENT ASSEMBLY**
[54] **OUTIL DE POSE ET ENSEMBLE COMPOSANT POUR Puits**
[72] WILSON, PAUL, US
[72] ELLIS, JASON, US
[72] HOFFMAN, COREY E., US
[71] WEATHERFORD/LAMB, INC., US
[85] 2003-06-26
[86] 2002-03-07 (PCT/GB2002/001052)
[87] 2002-10-03 (WO2002/077409)
[30] US (09/819,013) 2001-03-27

[21] **2,433,313**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/18 7C07K 16/22 7C07K 14/485 7G01N 33/50 7C12Q 1/68 7A61K 31/7088**
[25] EN
[54] **POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME**
[54] **POLYPEPTIDES ET ACIDES NUCLEIQUES CODANT CES DERNIERS**
[72] SPYTEK, KIMBERLY A., US
[72] MALYANKAR, URIEL M., US
[72] VERNET, CORINE A. M., US
[72] KEKUDA, RAMESH, US
[72] LIU, XIAOHONG, US
[72] ZERHUSEN, BRYAN D., US
[72] ANDERSON, DAVID, US
[72] JI, WEIZHEN, US
[72] LI, LI, US
[72] STONE, DAVID J., US
[72] SMITHSON, GLENNDA, US
[72] GANGOLLI, ESHA A., US
[72] SHIMKETS, RICHARD A., US
[72] BURGESS, CATHERINE E., US
[72] CASMAN, STACIE J., US
[72] BOLDOG, FERENC L., US
[72] PATTURAJAN, MEERA, US
[71] CURAGEN CORPORATION, US
[85] 2003-06-17
[86] 2001-12-19 (PCT/US2001/050331)
[87] 2002-07-25 (WO2002/057453)
[30] US (60/265,704) 2000-12-19
[30] US (60/257,314) 2000-12-20
[30] US (60/288,153) 2001-05-02
[30] US (60/294,075) 2001-05-29
[30] US (60/307,506) 2001-07-24
[30] US (60/311,613) 2001-08-10
[30] US (60/311,590) 2001-08-10
[30] US (60/315,617) 2001-08-29
[30] US (60/322,358) 2001-09-14

[21] **2,433,316**
[13] A1

[51] **Int.Cl. 7A61K 39/00**
[25] EN
[54] **MOLECULAR ANTIGEN ARRAY**
[54] **JEU ORDONNE D'ECHANTILLONS D'ANTIGENES MOLECULAIRES**
[72] TISSOT, ALAIN, CH
[72] BACHMANN, MARTIN, CH
[72] RENNER, WOLFGANG A., CH
[72] PIOSSEK, CHRISTINE, CH
[72] MAURER, PATRICK, CH
[72] LECHNER, FRANZISKA, CH
[72] SEBBEL, PETER, CH
[71] CYTOS BIOTECHNOLOGY AG, CH
[85] 2003-06-26
[86] 2002-01-21 (PCT/IB2002/000166)
[87] 2002-07-25 (WO2002/056905)
[30] US (60/262,379) 2001-01-19
[30] US (60/288,549) 2001-05-04
[30] US (60/326,998) 2001-10-05
[30] US (60/331,045) 2001-11-07

[21] **2,433,317**
[13] A1

[51] **Int.Cl. 7G02F 1/035**
[25] EN
[54] **OPTICAL WAVEGUIDE DEVICE**
[54] **DISPOSITIF DE GUIDE D'ONDES OPTIQUE**
[72] SAKAMOTO, TOSHIHIRO, JP
[72] NAGATA, HIROTOSHI, JP
[72] MIYAMA, YASUYUKI, JP
[71] SUMITOMO OSAKA CEMENT CO., LTD., JP
[85] 2003-06-26
[86] 2001-11-28 (PCT/JP2001/010399)
[87] 2002-07-25 (WO2002/057840)
[30] JP (2000-396444) 2000-12-27

[21] **2,433,319**
[13] A1

[51] **Int.Cl. 7H04N 5/74**
[25] EN
[54] **PROJECTOR FOR PROJECTING PASSWORD**
[54] **PROJECTEUR PERMETTANT DE PROJETER UN MOT DE PASSE**
[72] KUBOTA, SHINJI, JP
[71] SEIKO EPSON CORPORATION, JP
[85] 2003-06-26
[86] 2002-08-27 (PCT/JP2002/008632)
[87] 2003-03-13 (WO2003/021953)
[30] JP (2001-258118) 2001-08-28

Demandes PCT entrant en phase nationale

[21] **2,433,320**
[13] A1

[51] **Int.Cl. 7H01B 1/06 7H01M 8/02 7H01M 8/10 7C08J 5/22 7C08G 77/50**
[25] EN
[54] **PROTON CONDUCTING MEMBRANE, METHOD FOR PRODUCING THE SAME, AND FUEL CELL USING THE SAME**
[54] **MEMBRANE CONDUCTRICE DE PROTONS, SON PROCEDE DE PRODUCTION ET PILES A COMBUSTIBLE UTILISANT CETTE MEMBRANE**
[72] NAKAMURA, MASANORI, JP
[72] SUGIMOTO, TOSHIYA, JP
[72] YAMAUTI, KENJI, JP
[72] NOMURA, SHIGEKI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2003-06-26
[86] 2002-10-29 (PCT/JP2002/011242)
[87] 2003-05-15 (WO2003/041091)
[30] JP (2001-332977) 2001-10-30
[30] JP (2002-029781) 2002-02-06
[30] JP (2002-109493) 2002-04-11

[21] **2,433,321**
[13] A1

[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **METHOD FOR ENABLING PKI FUNCTIONS IN A SMART CARD**
[54] **PROCEDE DE VALIDATION DE FONCTIONS ICP DANS UNE CARTE A PUCE**
[72] SANDBERG, LEIF, SE
[72] RODBERG-LARSEN, KJELL, NO
[71] TELENOR ASA, NO
[85] 2003-06-26
[86] 2002-01-23 (PCT/NO2002/000035)
[87] 2002-08-01 (WO2002/060210)
[30] NO (20010427) 2001-01-24

[21] **2,433,322**
[13] A1

[51] **Int.Cl. 7A01J 5/007 7A01J 5/01 7A01J 5/017**
[25] EN
[54] **OPTIMIZATION OF MILKING**
[54] **OPTIMISATION DE LA TRAITE**
[72] HANSSON, HANS, SE
[72] SJOLUND, MARTIN, SE
[71] DELAVAL HOLDING AB, SE
[85] 2003-06-26
[86] 2001-12-21 (PCT/SE2001/002886)
[87] 2002-07-18 (WO2002/054857)
[30] SE (0100095-9) 2001-01-12

[21] **2,433,323**
[13] A1

[51] **Int.Cl. 7B32B 27/04 7B32B 27/12 7B05D 1/36**
[25] EN
[54] **TEXTILE SUBSTRATES FOR IMAGE PRINTING**
[54] **SUBSTRATS TEXTILES POUR IMPRESSION D'IMAGES**
[72] GILLIS, KIMBERLY C., US
[72] SIMS, WILLIAM T., US
[72] SOLTIS, JOHN A., US
[72] MCBRIDE, DANIEL T., US
[72] VOGT, KIRKLAND W., US
[71] MILLIKEN & COMPANY, US
[85] 2003-06-26
[86] 2001-12-10 (PCT/US2001/047384)
[87] 2002-08-08 (WO2002/060689)
[30] US (09/772,800) 2001-01-30

[21] **2,433,324**
[13] A1

[51] **Int.Cl. 7B01J 35/10 7C10G 49/04 7B01J 23/85**
[25] EN
[54] **HYDROPROCESSING CATALYST AND USE THEREOF**
[54] **CATALYSEUR D'HYDROTRAITEMENT ET SON UTILISATION**
[72] FUJITA, KATSUHISA, JP
[72] HINO, AKIRA, JP
[72] ABE, SATOSHI, JP
[71] NIPPON KETJEN CO. LTD., JP
[85] 2003-06-27
[86] 2001-12-20 (PCT/EP2001/015383)
[87] 2002-07-11 (WO2002/053286)
[30] JP (2001/485) 2001-01-05

[21] **2,433,325**
[13] A1

[51] **Int.Cl. 7B05C 11/02**
[25] EN
[54] **COATING DEVICE AND METHOD USING PICK-AND-PLACE DEVICES HAVING EQUAL OR SUBSTANTIALLY EQUAL PERIODS**
[54] **DISPOSITIF ET PROCEDE DE REVETEMENT UTILISANT DES DISPOSITIFS DE TRANSFERT A PERIODES EGALES OU SENSIBLEMENT EGALES**
[72] LEONARD, DAVID W., US
[72] LEONARD, WILLIAM K., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-06-25
[86] 2002-01-10 (PCT/US2002/000932)
[87] 2002-07-18 (WO2002/055219)
[30] US (09/757,955) 2001-01-10

[21] **2,433,327**
[13] A1

[51] **Int.Cl. 7F01K 7/40 7F01K 23/10**
[25] EN
[54] **INTEGRATION CONSTRUCTION BETWEEN A BOILER AND A STEAM TURBINE AND METHOD IN PREHEATING OF THE SUPPLY WATER FOR A STEAM TURBINE AND IN ITS CONTROL**
[54] **ENSEMBLE INTEGRE CHAUDIERE ET TURBINE A VAPEUR ET PROCEDE DE PRECHAUFFAGE D'UNE EAU D'ALIMENTATION POUR UNE TURBINE A VAPEUR, ET FONCTIONNEMENT CORRESPONDANT**
[72] RAIKO, MARKKU, FI
[71] FORTUM OYJ, FI
[85] 2003-06-27
[86] 2001-01-02 (PCT/FI2001/000002)
[87] 2002-07-25 (WO2002/057600)
[30] FI (20002894) 2000-12-29

[21] **2,433,328**
[13] A1

[51] **Int.Cl. 7C11D 3/37 7C11D 3/33 7C11D 3/36 7C11D 3/50 7C11D 1/62**
[25] EN
[54] **THICKENED FABRIC CONDITIONERS**
[54] **AGENT ASSOUPLEISSANT EPAISSI POUR TEXTILES**
[72] DEWEZ, JACQUES, BE
[72] SALESSES, ISABELLE, BE
[72] SMITH, DANIEL, US
[72] BREUER, ERICKA, BE
[72] BROZE, GUY, BE
[72] FAROOQ, AMJAD, US
[72] HEIBEL, MARIJA, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2003-06-26
[86] 2001-12-19 (PCT/US2001/049007)
[87] 2002-07-25 (WO2002/057400)
[30] US (09/749,183) 2000-12-27
[30] US (10/006,337) 2001-12-03

PCT Applications Entering the National Phase

[21] **2,433,329**
[13] A1

[51] **Int.Cl. 7A61C 3/00**
[25] EN
[54] **BIMAXILLARY JAW EXPANDING APPLIANCE**
[54] **APPAREIL D'EXPANSION BIMAXILLAIRE DE LA MACHOIRE**
[72] WILLIAMS, MICHAEL O., US
[71] WILLIAMS, MICHAEL O., US
[85] 2003-06-26
[86] 2001-12-12 (PCT/US2001/049066)
[87] 2002-09-26 (WO2002/074179)
[30] US (09/750,527) 2000-12-29

[21] **2,433,334**
[13] A1

[51] **Int.Cl. 7B41J 2/045 7B41J 2/175**
[25] EN
[54] **INK JET PRINTING MODULE**
[54] **MODULE D'IMPRESSION PAR JET D'ENCRE**
[72] PALIFKA, ROBERT, US
[72] HOISINGTON, PAUL A., US
[71] SPECTRA, INC., US
[85] 2003-06-26
[86] 2001-12-26 (PCT/US2001/051602)
[87] 2002-10-10 (WO2002/078960)
[30] US (09/749,893) 2000-12-29

[21] **2,433,336**
[13] A1

[51] **Int.Cl. 7A61B 17/12**
[25] EN
[54] **PERMANENT MAGNETIC AND ELECTROMAGNETIC APPARATUS FOR EMBOLIZING AN ANEURYSM WITH MAGNETICALLY CONTROLLABLE EMBOLIC AND METHOD**
[54] **APPAREIL MAGNETIQUE ET ELECTROMAGNETIQUE PERMANENT PERMETTANT D'EMBOLISER UN ANEURYSME AU MOYEN D'UNE SUBSTANCE EMBOLIQUE A COMMANDE MAGNETIQUE ET PROCEDE ASSOCIE**
[72] WALLACE, IAN, US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2003-06-25
[86] 2001-12-26 (PCT/US2001/050839)
[87] 2002-07-18 (WO2002/054962)
[30] US (09/759,617) 2001-01-12

[21] **2,433,331**
[13] A1

[51] **Int.Cl. 7D21D 5/26 7D21F 1/00**
[25] EN
[54] **APPARATUS FOR PASSING STOCK INTO A HEADBOX OF A PAPER MACHINE OR EQUIVALENT**
[54] **APPAREIL PERMETTANT DE FAIRE PASSER DE LA PATE A PAPIER DANS LA CAISSE DE TETE D'UNE MACHINE A PAPIER OU EQUIVALENT**
[72] HIETANIEMI, MATTI, FI
[71] METSO PAPER, INC., FI
[85] 2003-06-27
[86] 2001-12-19 (PCT/FI2001/001129)
[87] 2002-07-25 (WO2002/057542)
[30] FI (20002896) 2000-12-29

[21] **2,433,335**
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61K 31/137 7A61K 9/16 7A61K 38/30 7A61K 31/566**
[25] EN
[54] **PARTICLES FOR INHALATION HAVING SUSTAINED RELEASE PROPERTIES**
[54] **PARTICULES A LIBERATION PROLONGEE DESTINEES A ETRE INHALEES**
[72] ELBERT, KATHARINA, US
[72] LIPP, MICHAEL, US
[72] BASU, SUJIT K., US
[72] HRKACH, JEFFREY S., US
[72] EDWARDS, DAVID A., US
[71] ADVANCED INHALATION RESEARCH, INC., US
[85] 2003-06-27
[86] 2001-12-18 (PCT/US2001/048956)
[87] 2002-07-11 (WO2002/053190)
[30] US (09/752,109) 2000-12-29

[21] **2,433,337**
[13] A1

[51] **Int.Cl. 7A61K 7/021 7A61K 7/035 7A61K 31/74**
[25] EN
[54] **COMPOSITIONS CONTAINING OPTICAL DIFFUSING PIGMENTS**
[54] **COMPOSITIONS CONTENANT DES PIGMENTS DE DIFFUSION OPTIQUE**
[72] TAN, MANUEL L., US
[72] COHEN, ISAAC D., US
[72] OKO, JENNIFER, US
[72] ALBERS, MARIE A., US
[71] COLOR ACCESS, INC., US
[85] 2003-06-25
[86] 2001-12-20 (PCT/US2001/050550)
[87] 2002-07-25 (WO2002/056846)
[30] US (09/764,027) 2001-01-17

[21] **2,433,333**
[13] A1

[51] **Int.Cl. 7B05C 11/02**
[25] EN
[54] **COATING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE REVETEMENT**
[72] SEAVER, ALBERT E., US
[72] LEONARD, WILLIAM K., US
[72] LEONARD, DAVID W., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-06-25
[86] 2001-10-17 (PCT/US2001/032430)
[87] 2002-07-18 (WO2002/055217)
[30] US (09/757,955) 2001-01-10

Demandes PCT entrant en phase nationale

[21] **2,433,338**
[13] A1

[51] **Int.Cl. 7G02C 7/02 7G02C 13/00**
[25] EN
[54] **ELECTRO-OPTIC LENS WITH INTEGRATED COMPONENTS**
[54] **LENTILLE ELECTRO-OPTIQUE A COMPOSANTS INTEGRES**
[72] KOKONASKI, WILLIAM, US
[72] DUSTON, DWIGHT P., US
[72] BLUM, RONALD D., US
[72] THIBIDEAU, JOSEPH A., US
[72] EFRON, UZI, IL
[72] KATZMAN, YOUVAL, IL
[71] E-VISION L.L.C., US
[85] 2003-06-26
[86] 2002-01-16 (PCT/US2002/001143)
[87] 2002-07-25 (WO2002/057836)
[30] US (60/261,805) 2001-01-17
[30] US (60/326,991) 2001-10-05
[30] US (60/331,419) 2001-11-15

[21] **2,433,339**
[13] A1

[51] **Int.Cl. 7A47B 88/00 7A47B 11/00 7F16H 27/02**
[25] EN
[54] **MOVING RACKS THAT SUPPORT HEAVY MATERIALS**
[54] **ETAGERES MOBILES SUPPORTANT DES MATERIAUX LOURDS**
[72] FREDERICK, DENNIS, US
[71] STEEL STORAGE SYSTEMS, INC., US
[85] 2003-06-25
[86] 2002-01-17 (PCT/US2002/001563)
[87] 2002-08-01 (WO2002/058512)
[30] US (09/770,749) 2001-01-24

[21] **2,433,340**
[13] A1

[51] **Int.Cl. 7C07C 7/13 7C07C 11/02 7C07C 2/86**
[25] EN
[54] **PRODUCTION OF HIGHER OLEFINS**
[54] **PRODUCTION D'OLEFINES SUPERIEURES**
[72] JANSSEN, MARCEL, BE
[72] GODSMARK, JOHN STEPHEN, BE
[72] MARTENS, LUC ROGER, BE
[72] SHUTT, JOHN RICHARD, BE
[72] MATHYS, GEORGES, BE
[72] BECKERS, HUBERTUS JOSEPH, BE
[72] VAN DRIESSCHE, EDDY THEOPHILE ANDREA, BE
[72] CAERS, RAPHAEL FRANS IVO, BE
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2003-06-26
[86] 2002-01-31 (PCT/US2002/002800)
[87] 2002-08-08 (WO2002/060844)
[30] US (60/265,700) 2001-02-01

[21] **2,433,341**
[13] A1

[51] **Int.Cl. 7A23L 3/26 7C01B 15/00 7C07C 409/00 7A23B 9/06 7A23L 3/34 7A23L 2/50**
[25] EN
[54] **METHOD AND SYSTEM FOR REDUCING MICROBIAL BURDEN ON A FOOD PRODUCT BY APPLICATION OF ANTIMICROBIAL AGENT AND IRRADIATION TO THE FOOD PRODUCT**
[54] **PROCEDE ET SYSTEME POUR REDUIRE LA CHARGE MICROBIENNE SUR UN PRODUIT ALIMENTAIRE PAR L'APPLICATION D'UN AGENT ANTIMICROBIEN ET DE L'IRRADIATION DE PRODUIT ALIMENTAIRE**
[72] HARRIS, THOMAS L., US
[72] KENNEDY, SHAUN PATRICK, US
[72] SWART, SALLY KAY, US
[71] ECOLAB INC., US
[85] 2003-06-25
[86] 2002-01-31 (PCT/US2002/003100)
[87] 2002-08-08 (WO2002/060280)
[30] US (60/265,689) 2001-02-01
[30] US (10/043,827) 2002-01-11

[21] **2,433,342**
[13] A1

[51] **Int.Cl. 7A45D 40/16 7A61K 7/00 7B29C 39/12**
[25] EN
[54] **METHODS OF MANUFACTURING PERSONAL CARE PRODUCTS**
[54] **PROCEDES DE FABRICATION DE PRODUITS DE SOINS PERSONNELS**
[72] GROSZ, RON, US
[72] MOLONEY, MICHAEL J., US
[72] BLANCHETTE, DAVID, US
[72] VAN DER LEE, HERMES, US
[72] SOLAN, JAMES L., US
[72] GALANTE, CHERYL L., US
[72] KLEINRATH, ROBERT, US
[71] THE GILLETTE COMPANY, US
[85] 2003-06-26
[86] 2002-02-14 (PCT/US2002/004396)
[87] 2002-10-31 (WO2002/085153)
[30] US (09/784,493) 2001-02-15

[21] **2,433,343**
[13] A1

[51] **Int.Cl. 7A61K 7/00 7A61K 7/42 7A61K 38/43 7A61K 7/44 7A61K 35/78**
[25] EN
[54] **COSMETIC COMPOSITIONS CONTAINING ROSEMARY EXTRACT AND DHA**
[54] **COMPOSITIONS COSMETIQUES A BASE D'EXTRAIT DE ROMARIN ET DE DHA**
[72] OSTROVSKAYA, ASIRA, US
[72] SOKOLINSKY, MARINA, US
[72] MAES, DANIEL H., US
[72] LANDA, PETER A., US
[71] E-L MANAGEMENT CORP., US
[85] 2003-06-26
[86] 2002-05-29 (PCT/US2002/016766)
[87] 2002-12-05 (WO2002/096371)
[30] US (60/294,093) 2001-05-29

PCT Applications Entering the National Phase

[21] **2,433,345**
[13] A1

[51] **Int.Cl. 7F16K 37/00 7G01M 19/00 7F16K 39/02**
[25] EN
[54] **SPRINKLER ALARM TEST AND DRAINAGE DEVICE FOR FIRE PROTECTION SYSTEMS**
[54] **DISPOSITIF D'ALARME ET DE VIDANGE POUR EXTINCTEUR DE SYSTEME DE PROTECTION CONTRE L'INCENDIE**
[72] GIBB, JOHN, CA
[71] VICTAULIC COMPANY OF AMERICA, US
[85] 2003-06-25
[86] 2001-12-27 (PCT/US2001/049652)
[87] 2002-08-08 (WO2002/061315)
[30] US (09/753,924) 2001-01-02

[21] **2,433,346**
[13] A1

[51] **Int.Cl. 7A61K 31/427**
[25] EN
[54] **METHOD FOR TREATING GLAUCOMA IB**
[54] **METHODE DE TRAITEMENT DU GLAUCOME IB**
[72] WAGLE, DILIP, IN
[72] EGAN, JOHN J., US
[72] LAVOIE, EDMOND J., US
[72] GALL, MARTIN, US
[72] BELL, STANLEY C., US
[72] VASAN, SARA, US
[71] ALTEON, INC., US
[85] 2003-06-27
[86] 2001-12-28 (PCT/US2001/049550)
[87] 2002-07-11 (WO2002/053158)
[30] US (60/259,426) 2000-12-29
[30] US (60/296,257) 2001-06-06
[30] US (60/307,418) 2001-07-24

[21] **2,433,347**
[13] A1

[51] **Int.Cl. 7B01L 7/00 7B01L 3/00 7G01N 35/00**
[25] EN
[54] **SAMPLE PROCESSING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'ECHANTILLONS**
[72] CHEN, SHUQI, US
[71] IQUUM, INC., US
[85] 2003-06-27
[86] 2001-12-26 (PCT/US2001/049707)
[87] 2002-07-25 (WO2002/057798)
[30] US (60/259,025) 2000-12-29
[30] US (09/782,732) 2001-02-13

[21] **2,433,348**
[13] A1

[51] **Int.Cl. 7G01N 33/50 7A61P 29/00 7G01N 33/68**
[25] EN
[54] **DETECTION OF COMPOUNDS THAT MODULATE INFLAMMATORY RESPONSES**
[54] **METHODES ET COMPOSITIONS DE DETECTION DE COMPOSES MODULATEURS DE REPONSES INFLAMMATOIRES**
[72] PILLARISSETTI, SIVARAM, US
[72] CAHOON, SHIANLEN, US
[72] SAXENA, UDAY, US
[71] REDDY US THERAPEUTICS, INC., US
[85] 2003-06-25
[86] 2001-12-21 (PCT/US2001/050818)
[87] 2002-08-29 (WO2002/066978)
[30] US (60/259,306) 2000-12-29

[21] **2,433,350**
[13] A1

[51] **Int.Cl. 7G01N 33/00**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASUREMENT OF THE SULFATE CONCENTRATION IN AIR SAMPLES**
[54] **PROCEDE ET APPAREIL PERMETTANT DE MESURER LE TAUX DE SULFATE**
[72] HARRISON, DAVID, GB
[72] ALLEN, GEORGE, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2003-06-25
[86] 2002-01-02 (PCT/US2002/000047)
[87] 2002-08-01 (WO2002/059596)
[30] US (60/259,350) 2001-01-02

[21] **2,433,351**
[13] A1

[51] **Int.Cl. 7C07D 401/04 7A61P 25/18 7A61P 25/28 7A61K 31/4439**
[25] EN
[54] **BENZENESULFONIC ACID INDOL-5-YL ESTERS AS ANTAGONISTS OF THE 5-HT6 RECEPTOR**
[54] **INDOL-5-YLESTERS D'ACIDE BENZENESULFONIQUE UTILISES COMME ANTAGONISTES DU RECEPTEUR 5-HT6**
[72] WARD, JOHN STANLEY, US
[72] GILLIG, JAMES RONALD, US
[72] KRUSHINSKI, JOSEPH HERMAN JUNIOR, US
[72] LIU, BIN, US
[72] HEINZ, LAWRENCE JOSEPH, US
[72] PINEIRO-NUNEZ, MARTA MARIA, US
[72] FILLA, SANDRA ANN, US
[72] FLAUGH, MICHAEL EDWARD, US
[72] SCHAUS, JOHN MEHNERT, US
[71] ELI LILLY AND COMPANY, US
[85] 2003-06-25
[86] 2002-01-17 (PCT/US2002/000502)
[87] 2002-08-08 (WO2002/060871)
[30] US (60/264,996) 2001-01-30

[21] **2,433,357**
[13] A1

[51] **Int.Cl. 7H01S 5/183 7G02B 5/08**
[25] EN
[54] **SPATIALLY MODULATED REFLECTOR FOR AN OPTOELECTRONIC DEVICE**
[54] **REFLECTEUR MODULE DANS L'ESPACE DESTINE A UN DISPOSITIF OPTOELECTRONIQUE**
[72] MORGAN, ROBERT A., US
[72] STRZELECKI, EVA M., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-06-27
[86] 2001-12-20 (PCT/US2001/050214)
[87] 2002-08-01 (WO2002/059938)
[30] US (09/751,423) 2000-12-29

Demandes PCT entrant en phase nationale

[21] **2,433,359**
[13] A1

[51] **Int.Cl. 7A61N 1/365**
[25] EN
[54] **IMPLANTABLE MEDICAL DEVICE FOR TREATING CARDIAC MECHANICAL DYSFUNCTION BY ELECTRICAL STIMULATION**
[54] **DISPOSITIF MEDICAL IMPLANTABLE DESTINE A TRAITER UN DYSFONCTIONNEMENT CARDIAQUE MECANIQUE PAR STIMULATION ELECTRIQUE**
[72] MULLIGAN, LAWRENCE J., US
[72] BENNETT, TOM D., US
[72] DENO, D. CURTIS, US
[72] SHAW, RICHARD J., US
[72] IGEL, DAVID, US
[72] HILL, MICHAEL R. S., US
[71] MEDTRONIC, INC., US
[85] 2003-06-27
[86] 2001-12-26 (PCT/US2001/050276)
[87] 2002-07-11 (WO2002/053026)
[30] US (09/750,631) 2000-12-28

[21] **2,433,361**
[13] A1

[51] **Int.Cl. 7A61K 38/00**
[25] EN
[54] **CONTROLLED RELEASE SYSTEMS FOR POLYMERS**
[54] **SYSTEMES A LIBERATION REGULEE POUR POLYMERES**
[72] PESTKA, SIDNEY, US
[71] PBL BIOMEDICAL LABORATORIES, US
[85] 2003-06-27
[86] 2001-12-31 (PCT/US2001/050355)
[87] 2002-07-11 (WO2002/053174)
[30] US (60/258,916) 2000-12-29

[21] **2,433,363**
[13] A1

[51] **Int.Cl. 7E21B 43/12**
[25] EN
[54] **PROGRESSIVE CAVITY WELLBORE PUMP FOR USE IN ARTIFICIAL LIFT SYSTEMS**
[54] **POMPE DE Puits DE FORAGE A CAVITE PROGRESSIVE CONCUE POUR DES SYSTEMES D'ELEVATION ARTIFICIELLE**
[72] MONETA, ROLAND MILES, CA
[72] WILSON, TODD ALAN, CA
[72] ROWAN, RYAN PATRICK, CA
[71] WEATHERFORD/LAMB, INC., US
[85] 2003-06-26
[86] 2002-06-14 (PCT/GB2002/002756)
[87] 2003-01-03 (WO2003/001028)
[30] US (09/891,150) 2001-06-25

[21] **2,433,364**
[13] A1

[51] **Int.Cl. 7C07D 401/06 7C07C 269/02**
[25] EN
[54] **METHOD FOR CARBAMOYLATING ALCOHOLS**
[54] **METHODE DE CARBAMOYLATION D'ALCOOLS**
[72] ELLIS, JAMES EDWARD, US
[71] WARNER-LAMBERT COMPANY LLC, US
[85] 2003-06-26
[86] 2002-01-11 (PCT/IB2002/000082)
[87] 2002-08-08 (WO2002/060893)
[30] US (60/265,502) 2001-01-31

[21] **2,433,371**
[13] A1

[51] **Int.Cl. 7F25C 1/12**
[25] EN
[54] **ICE MAKER AND METHOD OF MAKING ICE**
[54] **APPAREIL A GLACONS ET PROCEDE DE FABRICATION DE GLACONS**
[72] COX, ROBERT G., US
[72] TCHOUGOUNOV, ANDREI, US
[72] DEWITT, DONALD E., US
[71] DEKKO HEATING TECHNOLOGIES, INC., US
[85] 2003-06-26
[86] 2001-12-21 (PCT/US2001/049902)
[87] 2003-07-17 (WO2003/058139)
[30] US (09/478,411) 2000-12-26

[21] **2,433,376**
[13] A1

[51] **Int.Cl. 7A61N 1/05**
[25] EN
[54] **TREATMENT OF OBESITY BY SUB-DIAPHRAGMATIC NERVE STIMULATION**
[54] **TRAITEMENT DE L'OBESITE PAR STIMULATION DES NERFS SOUS DIAPHRAGMATIQUES**
[72] BARRETT, BURKE T., US
[72] ROSLIN, MITCHELL S., US
[71] CYBERONICS, INC., US
[85] 2003-06-27
[86] 2002-01-02 (PCT/US2002/000137)
[87] 2002-08-15 (WO2002/062291)
[30] US (09/753,758) 2001-01-02

[21] **2,433,378**
[13] A1

[51] **Int.Cl. 7A61K 7/13**
[25] EN
[54] **PRIMARY INTERMEDIATES FOR OXIDATIVE COLORATION OF HAIR**
[54] **COMPOSANTS INTERMEDIAIRES PRIMAIRES POUR COLORATION OXYDANTE DES CHEVEUX**
[72] PAN, YUH-GUO, US
[72] LIM, MU-III, US
[71] P&G-CLAIROL, INC., US
[85] 2003-06-27
[86] 2002-01-18 (PCT/US2002/001581)
[87] 2002-08-15 (WO2002/062308)
[30] US (60/263,583) 2001-01-23

[21] **2,433,384**
[13] A1

[51] **Int.Cl. 7A61K 31/44**
[25] EN
[54] **NEUROTROPIC TACROLIMUS ANALOGS**
[54] **ANALOGUES DE TACROLIMUS NEUROTROPHIQUES**
[72] MATSUOKA, NOBUYA, JP
[72] GOLD, BRUCE, US
[72] YAMAJI, TAKAYUKI, JP
[71] MATSUOKA, NOBUYA, JP
[71] GOLD, BRUCE, US
[71] YAMAJI, TAKAYUKI, JP
[85] 2003-06-27
[86] 2001-12-31 (PCT/US2001/050419)
[87] 2002-07-11 (WO2002/053159)
[30] US (60/258,500) 2000-12-29

[21] **2,433,385**
[13] A1

[51] **Int.Cl. 7C30B 7/00**
[25] EN
[54] **METHODS OF SEARCHING FOR SOLID FORMS AND SCREENING A SAMPLE ACCORDING TO ITS FORM**
[54] **PROCEDE DE RECHERCHE DE FORMES SOLIDES ET DE CRIBLAGE D'UN ECHANTILLON EN FONCTION DE SA FORME**
[72] COATES, DAVID, US
[72] STAHLY, PATRICK G., US
[72] MORIS, KENNETH R., US
[72] STAHLI, BARBARA C., US
[71] S.S.C.I., INC., US
[71] PURDUE RESEARCH FOUNDATION, US
[85] 2003-06-27
[86] 2001-12-21 (PCT/US2001/050556)
[87] 2002-07-11 (WO2002/052919)
[30] US (09/752,857) 2000-12-28

PCT Applications Entering the National Phase

[21] **2,433,388**
[13] A1

[51] **Int.Cl. 7A47F 11/06 7A47G 1/00**
[25] EN
[54] **LIGHTENESS DIFFERENCE MULTI-FUNCTION ORNAMENTAL SCREEN**
[54] **ECRAN DECORATIF POLYVALENT A DIFFERENCE DE LUMINOSITE**
[72] LIN, YONGEN, US
[71] LIN, YONGEN, US
[85] 2003-06-26
[86] 2000-12-26 (PCT/CN2000/000731)
[87] 2002-07-04 (WO2002/051288)

[21] **2,433,389**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **EXPANSION-ASSISTING DELIVERY SYSTEM FOR SELF-EXPANDING STENT**
[54] **SYSTEME DE DISTRIBUTION FACILITANT LE DEPLOIEMENT D'UN STENT AUTO-DEPLOYABLE**
[72] SHELSON, SUSAN I., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2003-06-27
[86] 2002-01-03 (PCT/US2002/000139)
[87] 2002-07-11 (WO2002/053067)
[30] US (09/753,448) 2001-01-04

[21] **2,433,390**
[13] A1

[51] **Int.Cl. 7H04R 25/00**
[25] EN
[54] **METHOD FOR OPERATING A HEARING DEVICE AND HEARING DEVICE**
[54] **PROCEDE PUR ACTIONNER UNE PROTHESE AUDITIVE ET PROTHESE AUDITIVE CORRESPONDANTE**
[72] ROECK, HANS-UELI, CH
[72] KUHNEL, VOLKER, CH
[71] PHONAK AG, CH
[85] 2003-06-27
[86] 2001-11-09 (PCT/CH2001/000660)
[87] 2002-01-17 (WO2002/005591)

[21] **2,433,391**
[13] A1

[51] **Int.Cl. 7H01Q 1/00**
[25] EN
[54] **COMMUNICATION SYSTEM FOR MOBILE USERS USING ADAPTIVE ANTENNA**
[54] **SYSTEME DE COMMUNICATION POUR UTILISATEURS MOBILES UTILISANT UNE ANTENNE ADAPTATIVE**
[72] LIM, WAH L., US
[72] CHANG, DONALD C. D., US
[72] CHANG, MING U., US
[71] HUGHES ELECTRONICS CORPORATION, US
[85] 2003-06-27
[86] 2002-01-11 (PCT/US2002/000842)
[87] 2002-07-25 (WO2002/058186)
[30] US (60/262,701) 2001-01-19
[30] US (60/262,717) 2001-01-19
[30] US (60/266,684) 2001-02-05
[30] US (09/858,387) 2001-05-15

[21] **2,433,392**
[13] A1

[51] **Int.Cl. 7B29C 49/46**
[25] EN
[54] **METHOD FOR BLOW FORMING A CONTAINER MADE OF PLASTIC AND FOR COATING THE INSIDE OF SAID CONTAINER**
[54] **PROCEDE POUR LE MOULAGE PAR SOUFFLAGE D'UN CONTENANT EN PLASTIQUE ET POUR LE REVETEMENT DE L'INTERIEUR DU CONTENANT**
[72] CHATARD, DOMINIQUE, DE
[72] GRUNWALD, HEINRICH, DE
[72] LOTHAR, WILHELM, DE
[72] KASS, HANNO, DE
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2003-06-27
[86] 2002-02-28 (PCT/EP2002/002160)
[87] 2002-10-03 (WO2002/076709)
[30] DE (101 14 401.6) 2001-03-23

[21] **2,433,395**
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/02 7B60L 11/18**
[25] EN
[54] **FUEL CELL SYSTEM, WHICH IS PROVIDED FOR MOBILE USE AND WHICH HAS A LATENT HEAT STORAGE, AND METHOD FOR THERMALLY INSULATING THE SAME**
[54] **SYSTEME DE PILES A COMBUSTIBLE A USAGE MOBILE, MUNI D'UN REGULATEUR THERMIQUE A CHANGEMENT D'ETAT ET PROCEDE PERMETTANT DE LE CALORIFUGER**
[72] POPPINGER, MANFRED, DE
[72] GROSSE, JOACHIM, DE
[72] REIZIG, MEIKE, DE
[72] BRUCK, ROLF, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[71] EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, DE
[85] 2003-06-27
[86] 2001-12-21 (PCT/DE2001/004885)
[87] 2002-07-11 (WO2002/054520)
[30] DE (100 65 304.9) 2000-12-29

[21] **2,433,396**
[13] A1

[51] **Int.Cl. 7A61B 18/18**
[25] EN
[54] **SURGICAL INSTRUMENT WITH OFF-AXIS ELECTRODE**
[54] **INSTRUMENT CHIRURGICAL COMPRENANT UNE ELECTRODE HORS AXE**
[72] SHARKEY, HUGH R., US
[72] FANTON, GARY S., US
[72] CARRANZA, REMBERTO J., US
[72] LORANG, DOUGLAS M., US
[71] ORATEC INTERVENTIONS, INC., US
[85] 2003-06-30
[86] 2002-01-02 (PCT/US2002/000317)
[87] 2002-08-01 (WO2002/058545)
[30] US (09/753,786) 2001-01-02

Demandes PCT entrant en phase nationale

[21] **2,433,397**
[13] A1

[51] **Int.Cl. 7B60K 1/04 7H01M 8/04 7H01M 2/10**
[25] EN
[54] **MOTOR VEHICLE HAVING A FUEL CELL SYSTEM**
[54] **SYSTEME DE PILES A COMBUSTIBLE POUR AUTOMOBILE**
[72] REIZIG, MEIKE, DE
[72] BRUCK, ROLF, DE
[72] GROSSE, JOACHIM, DE
[72] POPPINGER, MANFRED, DE
[71] EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2003-06-27
[86] 2001-12-21 (PCT/DE2001/004887)
[87] 2002-07-11 (WO2002/053402)
[30] DE (100 65 307.3) 2000-12-29

[21] **2,433,398**
[13] A1

[51] **Int.Cl. 7F16L 19/06 7F16L 21/04 7F16L 47/04 7F16L 19/065 7F16L 19/07 7F16L 47/10 7F16L 47/12**
[25] EN
[54] **PIPE COUPLING**
[54] **COUPLAGE DE CONDUITS**
[72] PUCKETT, GEOFFREY BRYAN, AU
[72] CHELCHOWSKI, DAVID, AU
[72] RAYMOND, LUKE, AU
[71] PHILMAC PTY LTD., AU
[85] 2003-06-30
[86] 2002-04-19 (PCT/AU2002/000487)
[87] 2002-10-31 (WO2002/086371)
[30] AU (PR 4470) 2001-04-19

[21] **2,433,400**
[13] A1

[51] **Int.Cl. 7H01M 8/06**
[25] EN
[54] **METHOD FOR OPERATING A FUEL CELL SYSTEM USED IN A MOTOR VEHICLE AND CORRESPONDING FUEL CELL SYSTEM**
[54] **PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE CELLULES DE COMBUSTIBLE POUVANT ETRE UTILISE DANS UN VEHICULE ET SYSTEME DE CELLULES DE COMBUSTIBLE EN QUESTION**
[72] GROSSE, JOACHIM, DE
[72] BRUCK, ROLF, DE
[72] POPPINGER, MANFRED, DE
[72] REIZIG, MEIKE, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE

[71] EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, DE
[85] 2003-06-27
[86] 2001-12-21 (PCT/DE2001/004888)
[87] 2002-07-11 (WO2002/054521)
[30] DE (100 65 306.5) 2000-12-29

[21] **2,433,401**
[13] A1

[51] **Int.Cl. 7C10L 1/12 7C10L 1/18**
[25] EN
[54] **LIQUID FUEL COMPOSITIONS FOR ELECTROCHEMICAL FUEL CELLS**
[54] **COMPOSITIONS DE COMBUSTIBLE LIQUIDE POUR PILES A COMBUSTIBLE ELECTROCHEMIQUES**
[72] KASTMAN, YURI, IL
[72] FILANOVSKY, BORIS, IL
[72] FINKELSHTAIN, GENNADY, IL
[71] MORE ENERGY LTD., IL
[85] 2003-06-30
[86] 2002-01-03 (PCT/US2002/000140)
[87] 2002-07-11 (WO2002/054506)
[30] US (09/752,551) 2001-01-03

[21] **2,433,402**
[13] A1

[51] **Int.Cl. 7F23R 3/42 7F02C 7/18**
[25] EN
[54] **GAS TURBINE COMBUSTOR**
[54] **DISPOSITIF COMBUSTOR DE TURBINE A GAZ**
[72] KATAOKA, MASAHITO, JP
[72] TANAKA, KATSUNORI, JP
[72] MANDAI, SHIGEMI, JP
[72] AKIZUKI, WATARU, JP
[72] SAITOH, KEIJIROU, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2003-06-27
[86] 2002-06-25 (PCT/JP2002/006318)
[87] 2003-01-09 (WO2003/002913)
[30] JP (2001-195310) 2001-06-27

[21] **2,433,403**
[13] A1

[51] **Int.Cl. 7H04R 1/10**
[25] EN
[54] **EARRING FOR A HEADSET**
[54] **ANNEAU D'OREILLE POUR ECOUTEUR**
[72] BOGESKOV-JENSEN, TOM, DK
[71] GN NETCOM A/S, DK
[85] 2003-06-27
[86] 2001-12-11 (PCT/DK2001/000816)
[87] 2002-07-11 (WO2002/054825)
[30] DK (PA 2001 00011) 2001-01-04

[21] **2,433,404**
[13] A1

[51] **Int.Cl. 7C08G 12/38 7C09J 161/30 7C08L 61/30**
[25] EN
[54] **STABLE LIQUID MELAMINE UREA FORMALDEHYDE RESINS**
[54] **RESINES MELAMINE-UREE-FORMALDEHYDE LIQUIDES STABLES**
[72] RASCH, ROGER C., US
[72] MENDONCA, LUIS, US
[72] LEES, ROBERT G., US
[72] ZHU, HUIDE DENNIS, US
[72] JACOB, WILLIAM III, US
[71] CYTEC TECHNOLOGY CORP., US
[85] 2003-06-30
[86] 2002-03-04 (PCT/US2002/006264)
[87] 2002-10-03 (WO2002/077051)
[30] US (09/815,357) 2001-03-23

PCT Applications Entering the National Phase

[21] **2,433,406**
[13] A1

[51] **Int.Cl. 7A61B 18/14 7A61M 25/01 7A61B 17/32**
[25] EN
[54] **STEERABLE SPHINCTEROTOME AND METHODS FOR CANNULATION, PAPILOTOMY AND SPHINCTEROTOMY**
[54] **SPHINCTEROTOME ORIENTABLE ET PROCEDES DE CANNULATION, DE PAPILOTOMIE ET DE SPHINCTEROTOMIE**
[72] GREIGO, JOHN A., US
[72] CHIN, YEM, US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2003-06-30
[86] 2002-01-18 (PCT/US2002/001312)
[87] 2002-07-25 (WO2002/056784)
[30] US (09/761,843) 2001-01-18

[21] **2,433,407**
[13] A1

[51] **Int.Cl. 7B65D 1/00 7B65D 77/06 7B65D 35/22**
[25] EN
[54] **BLOW-MOLDED CONTAINER**
[54] **CONTENANT MOULE PAR SOUFFLAGE**
[72] YONEYAMA, MASASHI, JP
[72] NAKAMURA, HIROYUKI, JP
[72] SEGUCHI, MASATO, JP
[72] GOTO, TAKAYUKI, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2003-06-27
[86] 2002-10-31 (PCT/JP2002/011356)
[87] 2003-05-08 (WO2003/037726)
[30] JP (2001-335631) 2001-10-31
[30] JP (2001-335632) 2001-10-31
[30] JP (2002-223859) 2002-07-31

[21] **2,433,409**
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61P 17/04 7A61K 31/44 7A61K 31/444 7A61K 31/495 7A61K 31/4965 7A61K 31/497**
[25] EN
[54] **USE OF MGLUR5 ANTAGONISTS FOR THE TREATMENT OF PRURITIC CONDITIONS**
[54] **UTILISATION D'ANTAGONISTES MGLUR5 POUR LE TRAITEMENT D'AFFECTIIONS PRURIGNEUSES**
[72] URBAN, LASZLO, GB
[72] GASPARINI, FABRIZIO, CH
[72] MEINGASSNER, JOSEF GOTTFRIED, AT
[71] NOVARTIS AG, CH
[85] 2003-06-27
[86] 2002-02-06 (PCT/EP2002/001250)
[87] 2002-08-15 (WO2002/062323)
[30] GB (0103045.1) 2001-02-07

[21] **2,433,410**
[13] A1

[51] **Int.Cl. 7B01D 46/10 7B01D 46/42**
[25] EN
[54] **BOTTOM LOADING CLEAN ROOM AIR FILTER SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT DE FILTRE A AIR POUR CHAMBRE BLANCHE A REMPLISSAGE EN SOURCE**
[72] MCGILL, JOSEPH A., US
[71] MCGILL, JOSEPH A., US
[85] 2003-06-27
[86] 2001-02-01 (PCT/US2001/003359)
[87] 2002-08-08 (WO2002/060560)

[21] **2,433,411**
[13] A1

[51] **Int.Cl. 7A62B 17/04 7A62B 18/08**
[25] EN
[54] **MODULAR RESPIRATORS AND A METHOD OF CONVERSION THEREOF**
[54] **RESPIRATEURS MODULAIRES ET PROCEDE DE CONVERSION DESDITS RESPIRATEURS**
[72] FABIN, FRANK J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-06-30
[86] 2001-06-05 (PCT/US2001/018144)
[87] 2002-07-25 (WO2002/056965)
[30] US (09/765,224) 2001-01-18

[21] **2,433,412**
[13] A1

[51] **Int.Cl. 7A24B 3/12 7A24B 3/04**
[25] EN
[54] **METHOD FOR THE TREATMENT OF TOBACCO**
[54] **PROCEDE DE TRAITEMENT DU TABAC**
[72] NIKULLA, HANS-JURGEN, DE
[72] INTORP, MICHAEL, DE
[71] REEMTSMA CIGARETTENFABRIKEN GMBH, DE
[85] 2003-06-27
[86] 2001-06-15 (PCT/EP2001/006776)
[87] 2002-08-01 (WO2002/058490)
[30] DE (101 03 123.8) 2001-01-24

[21] **2,433,413**
[13] A1

[51] **Int.Cl. 7A61B 18/14**
[25] EN
[54] **IMPROVED ELECTROSURGICAL INSTRUMENT**
[54] **INSTRUMENT ELECTROCHIRURGICAL AMELIORE**
[72] HEIM, WARREN PAUL, US
[72] BRASSELL, JAMES L., US
[72] OLICHNEY, MICHAEL, US
[71] TEAM MEDICAL, LLC, US
[85] 2003-06-27
[86] 2001-12-27 (PCT/US2001/049490)
[87] 2002-08-29 (WO2002/065890)
[30] US (09/751,223) 2000-12-29

[21] **2,433,415**
[13] A1

[51] **Int.Cl. 7B44C 1/16 7B32B 17/10 7B44C 1/175**
[25] EN
[54] **METHOD FOR APPLYING DESIGNS TO A SUBSTRATE**
[54] **PROCEDE D'APPLICATION DE MOTIFS SUR UN SUBSTRAT**
[72] STICKROD, JON E., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-06-30
[86] 2001-05-22 (PCT/US2001/016820)
[87] 2002-07-25 (WO2002/057094)
[30] US (09/761,797) 2001-01-17

Demandes PCT entrant en phase nationale

[21] **2,433,416**
[13] A1

[51] **Int.Cl. 7A61B 17/22**
[25] EN
[54] **A TISSUE ABLATION APPARATUS WITH A SLIDING ABLATION INSTRUMENT AND METHOD**
[54] **SYSTEME D'ABLATION TISSULAIRE DOTE D'UN INSTRUMENT D'ABLATION COULISSANT ET PROCEDE**
[72] MODY, DINESH, US
[72] BERUBE, DANY, US
[72] NORRIS, NANCY, US
[71] AFX, INC., US
[85] 2003-06-27
[86] 2001-12-28 (PCT/US2001/049686)
[87] 2003-07-03 (WO2003/053259)
[30] US (09/751,472) 2000-12-29

[21] **2,433,417**
[13] A1

[51] **Int.Cl. 7C07C 255/37 7A61P 37/00 7A61K 31/05 7C07C 69/16 7C07D 333/16 7C07C 39/21 7C07C 43/215 7C07D 213/30 7C07D 307/42 7C07C 59/52**
[25] EN
[54] **NOVEL 1,2-DIPHENYLETHENE DERIVATIVES FOR TREATMENT OF IMMUNE DISEASES**
[54] **NOUVEAUX DERIVES DE 1,2-DIPHENYLETHENE POUR LE TRAITEMENT DE MALADIES IMMUNES**
[72] WEBSTER, JOHN M., CA
[72] LI, JIANXIONG, CA
[72] CHEN, GENHUI, CA
[72] LIU, WEI, CA
[71] WELICHEM BIOTECH INC., CA
[71] WEBSTER, JOHN M., CA
[71] LI, JIANXIONG, CA
[71] CHEN, GENHUI, CA
[71] LIU, WEI, CA
[85] 2003-06-30
[86] 2002-01-17 (PCT/CA2002/000059)
[87] 2002-07-25 (WO2002/057219)
[30] US (60/262,074) 2001-01-18
[30] US (60/322,735) 2001-09-18

[21] **2,433,418**
[13] A1

[51] **Int.Cl. 7C09J 11/08 7C09J 7/02**
[25] EN
[54] **POLYMERIC COMPOSITIONS AND ARTICLES WITH ANISOTROPIC LIGHT SCATTERING AND METHODS OF MAKING AND USING**
[54] **COMPOSITIONS POLYMERES, ARTICLES PRESENTANT UNE DIFFUSION DE LUMIERE ANISOTROPE, ET PROCEDES DE FABRICATION ET UTILISATION**
[72] ZHOU, ZHIMING, US
[72] MA, JIAYING, US
[72] MOSHREFZADEH, ROBERT S., US
[72] EVERAERTS, ALBERT I., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-06-30
[86] 2001-12-18 (PCT/US2001/049251)
[87] 2002-07-25 (WO2002/057384)
[30] US (09/761,799) 2001-01-17

[21] **2,433,420**
[13] A1

[51] **Int.Cl. 7H02J 7/00**
[25] EN
[54] **METHOD FOR CONTROLLING THE OPERATING CHARACTERISTICS OF A HYBRID ELECTRIC VEHICLE**
[54] **PROCEDE DE GESTION DES CARACTERISTIQUES DE LA MARCHE D'UN VEHICULE ELECTRIQUE HYBRIDE**
[72] FRANK, ANDREW A., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2003-06-30
[86] 2002-01-03 (PCT/US2002/000220)
[87] 2002-07-25 (WO2002/058209)
[30] US (60/259,662) 2001-01-03

[21] **2,433,421**
[13] A1

[51] **Int.Cl. 7A61M 1/36 7A61B 5/0275**
[25] EN
[54] **METHOD OF MEASURING TRANSCUTANEOUS ACCESS BLOOD FLOW**
[54] **PROCEDE DE MESURE PAR VOIE TRANSCUTANEE DU DEBIT SANGUIN DE L'ACCES VASCULAIRE**
[72] BELL, DAVID A, US
[72] STEUER, ROBERT R., US
[72] MILLER, DAVID R, US
[71] HEMA METRICS, INC., US
[85] 2003-06-26
[86] 2001-12-20 (PCT/US2001/048566)
[87] 2002-07-11 (WO2002/053212)
[30] US (09/750,122) 2000-12-29

[21] **2,433,423**
[13] A1

[51] **Int.Cl. 7A01K 11/00 7A61B 10/00 7G01N 1/04**
[25] EN
[54] **MODIFIED EARMARKS AND METHOD FOR REMOVING TISSUE**
[54] **ETIQUETTE D'OREILLE MODIFIEE ET PROCEDE DE PRELEVEMENT DE TISSUS**
[72] BREM, GOTTFRIED, DE
[71] AGROBIOGEN GMBH BIOTECHNOLOGIE, DE
[85] 2003-06-30
[86] 2001-12-18 (PCT/EP2001/014938)
[87] 2002-07-11 (WO2002/052928)
[30] EP (01100201.1) 2001-01-01

[21] **2,433,424**
[13] A1

[51] **Int.Cl. 7A61K 7/38**
[25] EN
[54] **ANTIPERSPIRANT OR DEODORANT COMPOSITIONS COMPRISING ACTIVATED ALUMINIUM CHLORHYDRATE**
[54] **COMPOSITIONS ANTISUDORIFIQUES OU DESODORISANTES COMPRENANT UN CHLORHYDRATE D'ALUMINIUM ACTIVE**
[72] CHUAH, BENG SIM, GB
[72] HOUGH, GORDON CHARLES, GB
[72] FRANKLIN, KEVIN RONALD, GB
[71] UNILEVER PLC, GB
[85] 2003-06-27
[86] 2001-12-28 (PCT/EP2001/015389)
[87] 2002-07-18 (WO2002/055044)
[30] GB (0100549.5) 2001-01-09

PCT Applications Entering the National Phase

[21] **2,433,425**
[13] A1

[51] **Int.Cl. 7A61K 31/41 7C07D 211/00 7C07D 213/00 7A61P 9/00 7A61P 25/00 7C07D 239/02 7C07D 249/08 7C07D 285/12 7C07D 249/14 7C07D 285/14 7A61K 31/44 7A61K 31/505**
[25] EN
[54] **METHOD FOR TREATING FIBROTIC DISEASES OR OTHER INDICATIONS IIIC**
[54] **PROCEDE DE TRAITEMENT OU D'AMELIORATION DE MALADIES FIBREUSES OU AUTRES ETATS IIIC**
[72] LAVOIE, EDMOND J., US
[72] GALL, MARTIN, US
[72] BELL, STANLEY C., US
[72] WAGLE, DILIP, IN
[71] ALTEON, INC., US
[85] 2003-06-27
[86] 2001-12-28 (PCT/US2001/049833)
[87] 2002-09-06 (WO2002/067851)
[30] US (60/259,294) 2000-12-29
[30] US (60/259,238) 2001-01-02
[30] US (60/296,246) 2001-06-06

[21] **2,433,426**
[13] A1

[51] **Int.Cl. 7F01K 7/40 7F01K 23/10**
[25] EN
[54] **INTERGRATION CONSTRUCTION BETWEEN A BOILER AND A STEAM TURBINE AND METHOD IN PREHEATING OF THE SUPPLY WATER FOR A STEAM TURBINE AND IN ITS CONTROL**
[54] **CONSTRUCTION INTEGREE D'UNE CHAUDIERE ET D'UNE TURBINE A VAPEUR, PROCEDE DE PRECHAUFFAGE DE L'EAU D'ALIMENTATION POUR UNE TURBINE A VAPEUR ET COMMANDE DE CE PROCEDE**
[72] RAIKO, MARKKU, FI
[71] FORTUM OYJ, FI
[85] 2003-06-27
[86] 2001-01-02 (PCT/FI2001/000003)
[87] 2002-07-18 (WO2002/055846)
[30] FI (20002895) 2000-12-29

[21] **2,433,427**
[13] A1

[51] **Int.Cl. 7B30B 1/00 7B32B 31/08 7G11B 7/26**
[25] EN
[54] **METHOD AND DEVICE FOR ASSEMBLING SUBSTRATES**
[54] **PROCEDE ET DISPOSITIF POUR L'ASSEMBLAGE DE SUBSTRATS**
[72] SPEER, ULRICH, DE
[72] LEONHARDT, STEPHAN, DE
[71] STEAG HAMATECH AG, DE
[85] 2003-06-30
[86] 2001-12-13 (PCT/EP2001/014660)
[87] 2002-07-11 (WO2002/053357)
[30] DE (101 00 426.5) 2001-01-08

[21] **2,433,435**
[13] A1

[51] **Int.Cl. 7F16D 65/21 7F16D 65/56**
[25] EN
[54] **MULTIPLE-DISC BRAKE ELECTROMECHANICAL ACTUATOR FOR TRANSPORT MEANS, IN PARTICULAR FOR AN AEROPLANE**
[54] **ACTIONNEUR ELECTROMECHANIQUE DE FREIN A DISQUES MULTIPLES POUR MOYEN DE TRANSPORT, NOTAMMENT POUR AVION**
[72] BEZANERE, DANIEL, FR
[72] AUDREN, JEAN-THIERRY, FR
[71] SAGEM S.A., FR
[85] 2003-06-27
[86] 2002-01-16 (PCT/FR2002/000161)
[87] 2002-07-25 (WO2002/057649)
[30] FR (01 00669) 2001-01-18

[21] **2,433,437**
[13] A1

[51] **Int.Cl. 7H04B 7/10**
[25] EN
[54] **MIMO WIRELESS COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION SANS FIL MIMO**
[72] KITCHENER, DEAN, GB
[72] WARD, CHRIS, GB
[72] SMITH, MARTIN, GB
[71] NORTEL NETWORKS LIMITED, CA
[85] 2003-06-27
[86] 2001-12-07 (PCT/GB2001/005443)
[87] 2002-07-11 (WO2002/054626)
[30] US (60/258,838) 2000-12-28
[30] US (09/975,653) 2001-10-11

[21] **2,433,440**
[13] A1

[51] **Int.Cl. 7G10L 21/06 7G10L 13/02**
[25] EN
[54] **TACTILE COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION TACTILE**
[72] NISSEN, JOHN CHRISTIAN DOUGHTY, GB
[71] NISSEN, JOHN CHRISTIAN DOUGHTY, GB
[85] 2003-06-27
[86] 2001-12-31 (PCT/GB2001/005794)
[87] 2002-07-11 (WO2002/054388)
[30] GB (0031840.2) 2000-12-29

[21] **2,433,441**
[13] A1

[51] **Int.Cl. 7B61D 47/00 7B65G 63/02 7B66C 23/50**
[25] EN
[54] **RAILWAY CONTAINER TRANSHIPMENT DEVICE**
[54] **DISPOSITIF DE TRANSBORDEMENT DE CONTENEURS DE CHEMINS DE FER**
[72] VIDA, LASZLO, HU
[71] VIDA, LASZLO, HU
[85] 2003-06-27
[86] 2001-09-24 (PCT/HU2001/000094)
[87] 2002-07-11 (WO2002/053441)
[30] HU (P 0005012) 2000-12-28

[21] **2,433,447**
[13] A1

[51] **Int.Cl. 7C10M 169/04 7C10M 137/04 7C10M 137/10**
[25] EN
[54] **LUBRICATING OIL COMPOSITION**
[54] **COMPOSITION D'HUILE LUBRIFIANTE**
[72] BABA, YOSHIHARU, JP
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2003-06-30
[86] 2002-01-02 (PCT/EP2002/000041)
[87] 2002-07-11 (WO2002/053687)
[30] JP (2001-93) 2001-01-04
[30] JP (2001-57423) 2001-03-01

Demandes PCT entrant en phase nationale

[21] **2,433,450**
[13] A1
[51] **Int.Cl. 7D21F 1/00**
[25] EN
[54] **HIGH SUPPORT DOUBLE LAYER FORMING FABRIC**
[54] **TOILE DE FORMATION DOUBLE COUCHE A SUPPORT RENFORCE**
[72] STONE, RICHARD, CA
[72] JOHNSON, DALE B., CA
[71] STONE, RICHARD, CA
[71] JOHNSON, DALE B., CA
[85] 2003-07-02
[86] 2002-11-27 (PCT/CA2002/001815)
[87] 2003-06-05 (WO2003/046277)
[30] GB (0128407.4) 2001-11-27

[21] **2,433,451**
[13] A1
[51] **Int.Cl. 7A61K 31/155 7A61P 11/00 7A61P 11/12**
[25] EN
[54] **USE OF AN LTB4 ANTAGONIST FOR THE TREATMENT AND/OR PREVENTION OF DISEASES CAUSED BY INCREASED EXPRESSION OF MUCIN GENES**
[54] **UTILISATION D'UN ANTAGONISTE DE LTB4 DANS LE TRAITEMENT ET/OU LA PREVENTION DE MALADIES CAUSEES PAR UNE EXPRESSION AUGMENTEE DES GENES DE MUCINE**
[72] JUNG, BIRGIT, DE
[72] BIRKE, FRANZ, DE
[72] JENNEWEIN, HANS MICHAEL, DE
[72] MEADE, CHRISTOPHER JOHN MONTAGUE, DE
[72] ANDERSKEWITZ, RALF, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2003-06-30
[86] 2002-01-15 (PCT/EP2002/000309)
[87] 2002-07-18 (WO2002/055065)
[30] GB (0101128.7) 2001-01-16
[30] US (60/266,833) 2001-02-06

[21] **2,433,453**
[13] A1
[51] **Int.Cl. 7A61K 31/505 7C07D 487/04 7A61P 25/28**
[25] EN
[54] **TRIAZOLO[4,5-D] PYRIMIDINE DERIVATIVES AND THEIR USE AS PURINERGIC RECEPTOR ANTAGONISTS**
[54] **DERIVES DE TRIAZOLO[4,5-D] PYRIMIDINE ET LEUR UTILISATION EN TANT QU'AGONISTES DE RECEPTEUR PURINERGIQUE**
[72] GILLESPIE, ROGER JOHN, GB
[72] LERPINIÈRE, JOANNE, GB
[72] GAUR, SUNEEL, GB
[72] BAMFORD, SAMANTHA JAYNE, GB
[72] STRATTON, GEMMA CAROLINE, GB

[72] LEONARDI, STEFANIA, GB
[72] WEISS, SCOTT MURRAY, GB
[71] VERNALIS RESEARCH LIMITED, GB
[85] 2003-06-30
[86] 2002-01-10 (PCT/GB2002/000091)
[87] 2002-07-18 (WO2002/055083)
[30] GB (0100624.6) 2001-01-10

[21] **2,433,456**
[13] A1
[51] **Int.Cl. 7F01K 23/04 7F01K 27/00**
[25] EN
[54] **SOLAR DRIVEN TURBINE LOOP**
[54] **BOUCLE-TURBINE A ENERGIE SOLAIRE**
[72] STRAND, LENNART, SE
[71] ADDPOWER AB, SE
[85] 2003-06-30
[86] 2001-12-25 (PCT/SE2001/002890)
[87] 2002-07-11 (WO2002/053877)
[30] SE (0004930-4) 2000-12-29

[21] **2,433,461**
[13] A1
[51] **Int.Cl. 7B60P 1/50**
[25] EN
[54] **HAY BALE STACKER**
[54] **EMPILEUSE DE BALLE DE FOIN**
[72] SIEBENGA, CHARLES, US
[71] SIEBENGA, CHARLES, US
[85] 2003-06-30
[86] 2002-01-04 (PCT/US2002/000384)
[87] 2002-07-11 (WO2002/052920)
[30] US (60/260,126) 2001-01-05
[30] US (10/040,589) 2002-01-04

[21] **2,433,465**
[13] A1
[51] **Int.Cl. 7F16K 17/38 7E04D 1/00**
[25] EN
[54] **PASSIVE FIRE PROTECTION SYSTEM FOR WALLS**
[54] **SYSTEME PASSIF DE PROTECTION CONTRE LES INCENDIES POUR PAROIS**
[72] KISER, MICHAEL D., US
[71] FLAME SEAL PRODUCTS, INC., US
[85] 2003-06-30
[86] 2002-01-22 (PCT/US2002/001705)
[87] 2002-08-15 (WO2002/063190)
[30] US (60/263,391) 2001-01-23
[30] US (10/053,448) 2002-01-16

[21] **2,433,467**
[13] A1
[51] **Int.Cl. 7C07D 215/48 7C07D 401/06 7C07D 413/06 7A61P 31/12 7A61K 31/47**
[25] EN
[54] **SUBSTITUTED QUINOLINECARBOXAMIDES AS ANTIVIRAL AGENTS**
[54] **ANTIVIRAUX A BASE DE QUINOLINECARBOXAMIDES SUBSTITUEES**
[72] STROHBACH, JOSEPH W., US
[72] VAILLANCOURT, VALERIE A., US
[72] HUANG, AUDRIS, US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2003-06-27
[86] 2002-02-27 (PCT/US2002/003407)
[87] 2002-09-12 (WO2002/070487)
[30] US (60/272,607) 2001-03-01

PCT Applications Entering the National Phase

[21] **2,433,474**
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C07H 21/04**
[25] EN
[54] **70 HUMAN SECRETED PROTEINS**
[54] **70 PROTEINES HUMAINES**
SECRETEES
[72] FISCELLA, MICHELE, US
[72] MOORE, PAUL A., US
[72] BAKER, KEVIN P., US
[72] DUAN, D. ROXANNE, US
[72] WEI, PING, US
[72] SHI, YANGGU, US
[72] ROSEN, CRAIG A., US
[72] GUPTA, RAM, US
[72] KOMATSOULIS, GEORGE, US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2003-06-27
[86] 2002-02-21 (PCT/US2002/005301)
[87] 2002-09-06 (WO2002/068628)
[30] US (60/270,625) 2001-02-23
[30] US (60/304,417) 2001-07-12

[21] **2,433,481**
[13] A1

[51] **Int.Cl. 7C09B 67/02 7C09B 61/00 7A23L 1/275**
[25] EN
[54] **MANUFACTURING PROCESS OF SPHEROIDAL FOOD DYES**
[54] **PROCEDE DE FABRICATION DE GRANULES SPHEROIDAUX DE COLORANTS ALIMENTAIRES**
[72] TIBREWALA, RAMAKANT JAGDISHPRASAD, IN
[71] ROHA DYE CHEM LIMITED, IN
[85] 2003-06-27
[86] 2000-12-29 (PCT/IN2000/000134)
[87] 2002-07-11 (WO2002/053652)

[21] **2,433,482**
[13] A1

[51] **Int.Cl. 7F01K 23/10 7B01D 5/00**
[25] EN
[54] **METHOD FOR CONVERSION OF HEAT**
[54] **PROCEDE DE CONVERSION DE CHALEUR**
[72] STRAND, LENNART, SE
[71] ADDPOWER AB, SE
[85] 2003-06-30
[86] 2001-12-25 (PCT/SE2001/002891)
[87] 2002-07-11 (WO2002/053879)
[30] SE (0004931-2) 2000-12-29

[21] **2,433,483**
[13] A1

[51] **Int.Cl. 7A23L 1/328**
[25] EN
[54] **ROE OR MILT PRODUCTS WITH PROLONGED SHELF LIFE**
[54] **PRODUITS DE ROGUE OU DE LAITANCE A LONGUE DUREE DE CONSERVATION**
[72] HIRAOKA, KENICHI (DECEASED), JP
[71] JAPANTECHNO LTD., CO., JP
[85] 2003-06-27
[86] 2001-03-23 (PCT/JP2001/002342)
[87] 2002-07-11 (WO2002/052958)
[30] JP (2000-397336) 2000-12-27

[21] **2,433,487**
[13] A1

[51] **Int.Cl. 7E04F 15/04**
[25] EN
[54] **FLOORBOARD AND LOCKING SYSTEM**
[54] **PLANCHER ET SYSTEME DE VERROUILLAGE**
[72] PERVAN, DARKO, SE
[71] VALINGE ALUMINIUM AB, SE
[85] 2003-06-30
[86] 2002-01-14 (PCT/SE2002/000042)
[87] 2002-07-18 (WO2002/055809)
[30] SE (0100100-7) 2001-01-12
[30] SE (0100101-5) 2001-01-12

[21] **2,433,488**
[13] A1

[51] **Int.Cl. 7H01L 23/544 7H01L 23/498 7H01L 21/60**
[25] EN
[54] **BALL GRID ARRAY WITH X-RAY ALIGNMENT MARK**
[54] **MARQUEUR VISIBLE AUX RAYONS X DE L'ORIENTATION DE GRILLES MATRICIELLES A BILLES**
[72] PRIMROSE, PAUL W., US
[71] QUALCOMM, INCORPORATED, US
[85] 2003-06-30
[86] 2002-10-29 (PCT/US2002/034809)
[87] 2003-05-08 (WO2003/038896)
[30] US (10/016,288) 2001-10-30

[21] **2,433,490**
[13] A1

[51] **Int.Cl. 7C09J 7/02 7G09F 7/12**
[25] EN
[54] **ADHESIVE ELECTROSTATIC SHEETS**
[54] **FEUILLES ELECTROSTATIQUES ADHESIVES**
[72] MORRIS, TERRY L., US
[72] HSU, CHIH-CHUNG, US
[72] AUSTIN, STEVEN R., US
[72] LEE, CHARLES C., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-06-30
[86] 2001-05-15 (PCT/US2001/015744)
[87] 2002-07-18 (WO2002/055624)
[30] US (09/757,941) 2001-01-09

[21] **2,433,491**
[13] A1

[51] **Int.Cl. 7B32B 35/00 7B26F 3/00**
[25] EN
[54] **ADHESIVE FILM REMOVAL METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ENLEVEMENT DE FILM ADHESIF**
[72] STEELMAN, RONALD S., US
[72] ANDERSON, CONRAD V., US
[72] DAVID, JOHN R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-06-30
[86] 2001-05-17 (PCT/US2001/016082)
[87] 2002-07-18 (WO2002/055302)
[30] US (09/759,993) 2001-01-12

[21] **2,433,493**
[13] A1

[51] **Int.Cl. 7G01R 27/08**
[25] EN
[54] **LOW COST, ON-LINE CORROSION MONITOR AND SMART CORROSION PROBE**
[54] **DISPOSITIF DE SURVEILLANCE DE CORROSION EN LIGNE, DE FAIBLE COUT ET SONDE DE DETECTION DE CORROSION INTELLIGENTE**
[72] BANKS, RODNEY H., US
[71] ONDEO NALCO COMPANY, US
[85] 2003-06-30
[86] 2001-12-18 (PCT/US2001/049039)
[87] 2002-07-18 (WO2002/056035)
[30] US (09/758,928) 2001-01-12

Demandes PCT entrant en phase nationale

[21] **2,433,498**
[13] A1
[51] **Int.Cl. 7B08B 9/04 7G05D 11/00**
7B08B 7/04 7B08B 9/20
[25] EN
[54] **METHOD AND DEVICE FOR
INSERTION OF A RIGID PIG INTO A
FLOW PIPE**
[54] **PROCEDE ET DISPOSITIF
PERMETTANT A UN RACLEUR
RIGIDE DE PASSER DANS UN
CONDUIT D'ECOULEMENT QUI
NECESSITE L'UTILISATION D'UN
DISPOSITIF CREUX
D'ETRANGLEMENT DE
L'ECOULEMENT**
[72] RESENDE DE ALMEIDA, ALCINO,
BR
[71] PETROLEO BRASILEIRO S.A. -
PETROBRAS, BR
[85] 2003-06-30
[86] 2001-12-21 (PCT/BR2001/000158)
[87] 2002-10-03 (WO2002/076642)
[30] GB (0105009-5) 2001-02-28

[21] **2,433,503**
[13] A1
[51] **Int.Cl. 7G06F 19/00 7G06F 3/00**
7G06F 9/00 7G06G 7/64 7G06F 7/70
[25] EN
[54] **VERSATILE ROBOT CONTROL
SYSTEM**
[54] **SYSTEME DE COMMANDE DE
ROBOT POLYVALENT**
[72] LAPHAM, JOHN R., US
[71] ROBOTIC WORKSPACE
TECHNOLOGIES, INC., US
[85] 2003-06-30
[86] 2001-12-20 (PCT/US2001/049802)
[87] 2002-07-11 (WO2002/054329)
[30] US (09/750,433) 2000-12-28

[21] **2,433,506**
[13] A1
[51] **Int.Cl. 7A61K 6/093**
[25] EN
[54] **PROCESS FOR THE
PREPARATION OF A
POLYMERISABLE DENTAL
COMPOSITION**
[54] **PROCEDE DE PREPARATION
D'UNE COMPOSITION DENTAIRE
POLYMERISABLE**
[72] WEBER, CHRISTOPH, DE
[72] KLEE, JOACHIM E., DE
[72] WALZ, UWE, DE
[72] MULHAUPT, ROLF, DE
[72] MUH, EKKEHARD, DE
[72] FACHER, ANDREAS, DE
[72] FREY, HOLGER, DE
[71] DENTSPLY DETREY GMBH, DE
[85] 2003-06-30
[86] 2002-01-15 (PCT/EP2002/000338)
[87] 2002-08-22 (WO2002/064102)
[30] DE (101 01 537.2) 2001-01-15

[21] **2,433,509**
[13] A1
[51] **Int.Cl. 7H04N 7/173 7H04N 7/025**
7H04N 7/10
[25] EN
[54] **SYSTEM AND METHOD OF
SELECTIVE ADVERTISING ON A TV
CHANNEL**
[54] **SYSTEME ET PROCEDE POUR LA
SELECTION DE PUBLICITES SUR UN
CANAL DE TELEVISION**
[72] SAUNDERS, BARRIE A., US
[72] NICHOLSON, ROBERT D., US
[71] ROAD RUNNER, US
[85] 2003-06-30
[86] 2001-12-28 (PCT/US2001/050540)
[87] 2002-07-11 (WO2002/054754)
[30] US (09/753,127) 2000-12-30

[21] **2,433,511**
[13] A1
[51] **Int.Cl. 7B01D 53/34 7B01J 8/04**
7B01D 53/74
[25] EN
[54] **PURIFIER**
[54] **EPURATEUR**
[72] EDLUND, ERIC, US
[72] BROWN, KURT, US
[72] MURPHY, WILLIAM, US
[71] PALL CORPORATION, US
[85] 2003-06-30
[86] 2002-02-08 (PCT/US2002/003491)
[87] 2002-08-22 (WO2002/064237)
[30] US (60/267,095) 2001-02-08

[21] **2,433,516**
[13] A1
[51] **Int.Cl. 7C07D 311/22**
[25] EN
[54] **PROCESSES FOR PREPARING
CHROMANYLBENZOIC ACIDS**
[54] **PROCEDES DE PREPARATION
D'ACIDES CHROMANYLBENZOIQUES**
[72] RAYMER, BRIAN KENNETH, US
[72] HAMMEN, PHILIP DIETRICH, US
[72] TUCKER, JOHN LLOYD, US
[72] ROSE, PETER ROBERT, US
[72] CARON, STEPHANE, US
[72] POST, RONALD JAMES, US
[72] TABER, GERALDINE PATRICIA, US
[72] DEVRIES, KEITH MICHAEL, US
[71] PFIZER PRODUCTS INC.,, US
[85] 2003-07-02
[86] 2002-01-07 (PCT/IB2002/000041)
[87] 2002-08-08 (WO2002/060888)
[30] US (60/265,139) 2001-01-30

[21] **2,433,517**
[13] A1
[51] **Int.Cl. 7C08F 4/64 7C08F 10/00**
[25] EN
[54] **SUPPORTED SINGLE-SITE
CATALYSTS USEFUL FOR OLEFIN
POLYMERIZATION**
[54] **CATALYSEURS SUPPORTES
MONOSITE UTILES DANS LA
POLYMERISATION D'OLEFINE**
[72] LIU, JIA-CHU, US
[71] EQUICSTAR CHEMICALS, LP, US
[85] 2003-06-30
[86] 2002-01-16 (PCT/US2002/004571)
[87] 2002-08-22 (WO2002/064639)
[30] US (09/781,464) 2001-02-12

PCT Applications Entering the National Phase

[21] **2,433,524**
[13] A1

[51] **Int.Cl. 7C11D 17/00 7B01J 2/00**
7C11D 3/12 7C11D 3/50
[25] EN
[54] **DELIVERY SYSTEM HAVING ENCAPSULATED POROUS CARRIER LOADED WITH ADDITIVES**
[54] **SYSTEME D'ADMINISTRATION POUR VU D'UN SUPPORT POREUX ENCAPSULE CHARGE D'ADDITIFS**
[72] REDDY, PRAMOD KAKUMANU, MX
[72] ROCHA, LUIS GUILLERMO ACEVEDO, MX
[72] MENDOSA, JOSE MARIA VELAZQUEZ, MX
[72] DIHORA, JITEN ODHAVJI, US
[72] THOMPSON, FABRIZIO MELI, MX
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-06-30
[86] 2002-02-12 (PCT/US2002/004143)
[87] 2002-08-22 (WO2002/064725)
[30] US (60/268,095) 2001-02-12

[21] **2,433,528**
[13] A1

[51] **Int.Cl. 7A61K 9/00**
[25] EN
[54] **IMPROVED PROCESS FOR THE PRODUCTION OF SUSTAINED RELEASE DRUG DELIVERY DEVICES**
[54] **PROCEDE AMELIORE DE FABRICATION DE DISPOSITIFS D'ADMINISTRATION DE MEDICAMENTS A LIBERATION MODIFIEE**
[72] BRUBAKER, MICHAEL J., US
[72] PAPADOPOULOS, PAVLOS, US
[72] KRISHNAMOORTHY, RAMESH, US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2003-06-30
[86] 2002-01-23 (PCT/US2002/002119)
[87] 2002-08-01 (WO2002/058667)
[30] US (60/264,441) 2001-01-26

[21] **2,433,530**
[13] A1

[51] **Int.Cl. 7A61K 9/58 7A61P 9/00**
[25] EN
[54] **NEW FILM COATING**
[54] **NOUVEAU PELLICULAGE**
[72] SCHANTZ, STAFFAN, SE
[72] LOFROTH, JAN-ERIK, SE
[72] HOLZER, ARNE, SE
[71] ASTRAZENECA AB, SE
[85] 2003-06-30
[86] 2002-01-22 (PCT/SE2002/000103)
[87] 2002-08-01 (WO2002/058677)
[30] SE (0100200-5) 2001-01-24

[21] **2,433,537**
[13] A1

[51] **Int.Cl. 7C09K 3/00 7F15D 1/00**
7C10M 173/02 7C09K 5/10
[25] EN
[54] **DRAG REDUCTION OF A HEAT-DISTRIBUTING WATER-BASED LIQUID CONTAINING LARGE AMOUNTS OF ANTI-FREEZE**
[54] **REDUCTION DE TRAINEE DANS UN LIQUIDE CALOPORTEUR AQUEUX CONTENANT UNE FORTE QUANTITE D'ANTIGEL**
[72] OSKARSSON, HANS, SE
[72] HELLSTEN, MARTIN, SE
[71] AKZO NOBEL N.V., NL
[85] 2003-06-30
[86] 2002-01-15 (PCT/SE2002/000058)
[87] 2002-08-01 (WO2002/059228)
[30] SE (0100177-5) 2001-01-23

[21] **2,433,538**
[13] A1

[51] **Int.Cl. 7G06F 1/00**
[25] EN
[54] **METHOD AND SYSTEM FOR SECURING A COMPUTER NETWORK AND PERSONAL IDENTIFICATION DEVICE USED THEREIN FOR CONTROLLING ACCESS TO NETWORK COMPONENTS**
[54] **PROCEDE ET SYSTEME POUR SECURISER UN RESEAU INFORMATIQUE ET DISPOSITIF D'IDENTIFICATION PERSONNELLE UTILISE DANS CE SYSTEME POUR CONTROLER L'ACCES AUX COMPOSANTS DU RESEAU**
[72] BOATE, ALAN, CA
[72] REED, BRIAN, CA
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-07-02
[86] 2002-01-31 (PCT/CA2002/000106)
[87] 2002-08-08 (WO2002/061550)
[30] US (09/775,205) 2001-02-01

[21] **2,433,540**
[13] A1

[51] **Int.Cl. 7C09K 3/00 7F15D 1/00**
7C10M 173/02 7C09K 5/10
[25] EN
[54] **USE OF A ZWITTERIONIC SURFACTANT TOGETHER WITH AN ANIONIC ETHER-CONTAINING SURFACTANT AS A DRAG-REDUCING AGENT**
[54] **UTILISATION COMME AGENT DE REDUCTION DE TRAINEE D'UN TENSIO-ACTIF ZWITTERIONIQUE EN COMBINAISON AVEC UN TENSIO-ACTIF ANIONIQUE CONTENANT DE L'ETHER**
[72] HELLSTEN, MARTIN, SE
[72] OSKARSSON, HANS, SE
[71] AKZO NOBEL N.V., NL
[85] 2003-06-30
[86] 2002-01-15 (PCT/SE2002/000059)
[87] 2002-08-01 (WO2002/059229)
[30] SE (0100176-7) 2001-01-23

Demandes PCT entrant en phase nationale

[21] **2,433,541**
[13] A1

[51] **Int.Cl. 7H01L 31/00**
[25] EN
[54] **LIGHT EMITTING DIODES INCLUDING MODIFICATIONS FOR LIGHT EXTRACTION AND MANUFACTURING METHODS THEREFOR**
[54] **DIODES ELECTROLUMINESCENTES INCLUANT DES MODIFICATIONS D'EXTRACTION LUMINEUSE ET PROCEDES DE FABRICATION ASSOCIES**
[72] TARSA, ERIC J., US
[72] SLATER, DAVID B., JR., US
[72] IBBETSON, JAMES, US
[72] THIBEAULT, BRIAN, US
[72] KELLER, BERND, US
[72] SWOBODA, CHARLES M., US
[72] GLASS, ROBERT C., US
[71] CREE, INC., US
[85] 2003-07-02
[86] 2002-02-01 (PCT/US2002/002849)
[87] 2002-08-08 (WO2002/061847)
[30] US (60/265,707) 2001-02-01
[30] US (60/307,235) 2001-07-23

[21] **2,433,543**
[13] A1

[51] **Int.Cl. 7G02B 6/43 7G02B 6/34**
[25] EN
[54] **METHOD FOR ALIGNING AND ASSEMBLING OPTICAL DEMULTIPLEXER MODULE, AND AUTOMATIC ALIGNING MECHANISM**
[54] **PROCEDE PERMETTANT D'ALIGNER ET D'ASSEMBLER UN MODULE DE DEMULTIPLEXEUR OPTIQUE, ET MECANISME D'ALIGNEMENT AUTOMATIQUE**
[72] ZHU, FRANK XIAOFAN, US
[72] NAGASAKA, SHIGEKI, JP
[72] NAKAMA, KENICHI, JP
[72] MORIMOTO, NAOKI, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[85] 2003-06-27
[86] 2001-12-25 (PCT/JP2001/011377)
[87] 2002-07-11 (WO2002/054130)
[30] JP (2000-398713) 2000-12-27

[21] **2,433,546**
[13] A1

[51] **Int.Cl. 7A01N 47/12 7A01N 59/14 7A01N 59/16 7A01N 33/24**
[25] EN
[54] **SYNERGISTIC COMBINATION OF FUNGICIDES TO PROTECT WOOD AND WOOD-BASED PRODUCTS FROM FUNGAL DECAY, MOLD AND MILDEW**
[54] **COMBINAISON SYNERGETIQUE DE FONGICIDES PROTEGEANT E BOIS ET LES PRODUITS A BASE DE BOIS CONTRE LA POURRITURE FONGIQUE, LES MOISSURES ET LES DEGATS DUS AU MILDIOU**
[72] ROSS, ALAN S., US
[72] MARKS, BRIAN, US
[72] WARD, HANS A., US
[71] KOP-COAT, INC., US
[85] 2003-07-02
[86] 2002-01-03 (PCT/US2002/000175)
[87] 2002-07-11 (WO2002/052935)
[30] US (09/755,729) 2001-01-05

[21] **2,433,548**
[13] A1

[51] **Int.Cl. 7A23K 1/16 7A23K 1/18**
[25] EN
[54] **CONCENTRATED SPENT FERMENTATION BEER OF SACCHAROPOLYSPORA ERYTHRAEA ACTIVATED BY AN ENZYME MIXTURE AS A NUTRITIONAL FEED SUPPLEMENT**
[54] **MILIEU DE FERMENTATION EPUISE CONCENTRE DE SACCHAROPOLYSPORA ERYTHRAEA ACTIVE PAR UN MELANGE D'ENZYMES UTILISE EN TANT QUE COMPLEMENT ALIMENTAIRE**
[72] WEYANT, DANIEL B., US
[72] FIDLER, DANIEL J., US
[72] LAMPEL, JAY S., US
[71] ABBOTT LABORATORIES, US
[85] 2003-07-02
[86] 2001-12-27 (PCT/US2001/049533)
[87] 2002-07-11 (WO2002/052948)
[30] US (60/259,163) 2001-01-02

[21] **2,433,550**
[13] A1

[51] **Int.Cl. 7A61F 2/36**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR BIOMEDICAL APPLICATIONS**
[54] **COMPOSITIONS ET PROCEDES DESTINES A DES APPLICATIONS BIOMEDICALES**
[72] CALVERT, PAUL D., US
[72] VAIDYANATHAN, K. RANJI, US
[72] WALISH, JOSEPH, US
[71] ADVANCED CERAMICS RESEARCH, INC., US
[85] 2003-07-02
[86] 2002-01-02 (PCT/US2002/000051)
[87] 2002-07-11 (WO2002/053105)
[30] US (60/259,348) 2001-01-02
[30] US (60/337,577) 2001-11-05

[21] **2,433,551**
[13] A1

[51] **Int.Cl. 7G10L 21/02 7H04B 15/00 7H03H 21/00**
[25] EN
[54] **NOISE REMOVING METHOD AND DEVICE**
[54] **DISPOSITIF ET PROCEDE D'ELIMINATION DU BRUIT**
[72] SUGIYAMA, AKIHIKO, JP
[72] KATO, MASANORI, JP
[71] NEC CORPORATION, JP
[85] 2003-06-27
[86] 2001-12-27 (PCT/JP2001/011560)
[87] 2002-07-11 (WO2002/054387)
[30] JP (2000-401578) 2000-12-28

[21] **2,433,552**
[13] A1

[51] **Int.Cl. 7A61P 31/00 7A61K 9/00 7A61K 33/00 7A61P 41/00**
[25] EN
[54] **PHARMACEUTICAL PREPARATION FOR DOUCHES AND/OR IRRIGATIONS OF NATURAL OR PATHOLOGICAL CAVITIES IN THE HUMAN BODY**
[54] **PREPARATION POUR LAVAGES INTERNES ET/OU IRRIGATIONS DE CAVITES NATURELLES OU PATHOLOGIQUES DU CORPS HUMAIN**
[72] PALMIERI, BENIAMINO, IT
[71] PALMIERI, BENIAMINO, IT
[85] 2003-07-02
[86] 2001-12-20 (PCT/EP2001/015114)
[87] 2002-07-11 (WO2002/053110)
[30] IT (MO2001A000002) 2001-01-04

PCT Applications Entering the National Phase

[21] **2,433,555**
[13] A1

[51] **Int.Cl. 7A61K 7/06 7A61K 6/00 7A61K 7/00**

[25] EN

[54] **MAGNETIC BODY CARE**

COMPOSITIONS

[54] **COMPOSITIONS MAGNETIQUES POUR LES SOINS DU CORPS**

[72] GUIDOTTI, ARTHUR CHARLES, US

[72] GUIDOTTI, GIOVANNI JAMES, US

[72] BREHMER, DANIEL, US

[71] GIOVANNI COSMETICS, INC., US

[85] 2003-07-02

[86] 2002-01-03 (PCT/US2002/000133)

[87] 2002-07-11 (WO2002/053114)

[30] US (60/259,230) 2001-01-03

[21] **2,433,558**

[13] A1

[51] **Int.Cl. 7A61K 7/16 7A61K 7/20**

[25] EN

[54] **DUAL COMPONENT DENTIFRICE**

FOR REDUCING MOUTH ODORS

[54] **DENTIFRICE A DEUX**

COMPOSANTS DESTINE A REDUIRE

LES MAUVAISES ODEURS BUCCALES

[72] SUBRAMANYAM, RAVI, US

[72] WILLIAMS, MALCOLM, US

[72] ZACCAGNINO, ANGELO, US

[72] GEBRESELASSIE, PETROS, US

[72] LIU, XIAOYAN, US

[72] MASTERS, JAMES G., US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2003-07-02

[86] 2001-12-19 (PCT/US2001/049004)

[87] 2002-07-11 (WO2002/053116)

[30] US (09/753,854) 2001-01-03

[21] **2,433,560**

[13] A1

[51] **Int.Cl. 7H04M 7/00 7H04L 29/06**

[25] EN

[54] **GATEWAY FOR USING NON-IP**

DIGITAL PBX TELEPHONE

HANDSETS WITH AN IP CALL

CONTROLLER

[54] **PASSERELLE D'UTILISATION DE**

COMBINES TELEPHONIQUES PBX

NUMERIQUES SANS IP AVEC UN

UNITE DE COMMANDE D'APPEL IP

[72] ROBINSON, MICHAEL J., US

[71] CITEL TECHNOLOGIES LTD., GB

[85] 2003-06-27

[86] 2001-12-26 (PCT/US2001/050850)

[87] 2002-07-04 (WO2002/052827)

[30] US (60/258,464) 2000-12-27

Demandes PCT entrant en phase nationale

[21] **2,433,576**
[13] A1

[51] **Int.Cl. 7H04L 29/14 7H04L 12/46**
[25] EN
[54] **SOFTWARE-BASED FAULT TOLERANT NETWORKING USING A SINGLE LAN**
[54] **RESEAU INSENSIBLE AUX PANNES MIS EN OEUVRE PAR LOGICIEL UTILISANT UN RLE SIMPLE**
[72] CLAWSON, LAURENCE ARTHUR, US
[72] DAHL, JOHN M., US
[72] SONG, SEJUN, US
[72] KOZLIK, TONY JOHN, US
[72] HUANG, JIANDONG, US
[72] FREIMARK, RONALD J., US
[72] GUSTIN, JAY W., US
[72] LUNEMANN, CHRISTOPHER, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-06-27
[86] 2001-12-20 (PCT/US2001/050222)
[87] 2002-07-11 (WO2002/054179)
[30] US (09/751,945) 2000-12-29

[21] **2,433,577**
[13] A1

[51] **Int.Cl. 7C30B 7/00**
[25] EN
[54] **METHOD OF SEARCHING FOR AND GENERATING HIGH FREE ENERGY FORMS**
[54] **PROCEDE DE RECHERCHE ET DE GENERATION DE FORMES DE HAUTE ENERGIE GRATUITE**
[72] STAHLY, G. PATRICK, US
[72] MORRIS, KENNETH R., US
[71] S.S.C.I., INC., US
[71] PURDUE RESEARCH FOUNDATION, US
[85] 2003-06-27
[86] 2001-12-21 (PCT/US2001/050557)
[87] 2002-07-11 (WO2002/054043)
[30] US (09/752,788) 2000-12-28

[21] **2,433,578**
[13] A1

[51] **Int.Cl. 7C07D 311/16 7A01N 37/02 7A01N 35/04 7A01N 43/16 7C07C 43/23 7A01N 43/30 7C07C 45/45 7C07C 47/575**
[25] EN
[54] **PROCESS FOR PREPARATION OF ESCULETIN COMPOUNDS, ESCULETIN COMPOUNDS AND INTERMEDIATES THEREOF, AND USE OF BOTH**
[54] **COMPOSES D'ESCULETINE ET PROCEDE DE PREPARATION, INTERMEDIAIRES DES COMPOSES ET UTILISATION DES COMPOSES ET DES INTERMEDIAIRES**
[72] KATOONO, MASATAKA, JP
[72] SAGAWA, KAZUHIKO, JP
[72] NIIMURA, KOICHI, JP
[71] KUREHA CHEMICAL INDUSTRY CO., LTD., JP
[85] 2003-06-27
[86] 2001-12-28 (PCT/JP2001/011633)
[87] 2002-07-11 (WO2002/053552)
[30] JP (2000-402725) 2000-12-28

[21] **2,433,586**
[13] A1

[51] **Int.Cl. 7C09K 7/06 7E21B 33/13**
[25] EN
[54] **THINNERS FOR INVERT EMULSIONS**
[54] **DILUANTS POUR EMULSIONS INVERSES**
[72] KIRSNER, JEFFREY P., US
[72] MULLER, HEINZ, DE
[72] BURROWS, KIMBERLY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[71] COGNIS DEUTSCHLAND GMBH & CO. KG, DE
[85] 2003-06-27
[86] 2000-12-29 (PCT/US2000/035609)
[87] 2002-07-11 (WO2002/053675)

[21] **2,433,589**
[13] A1

[51] **Int.Cl. 7C09K 7/06 7B01F 17/00**
[25] EN
[54] **THINNERS FOR INVERT EMULSIONS**
[54] **DILUANTS POUR EMULSIONS INVERSES**
[72] MULLER, HEINZ, DE
[72] BURROWS, KIMBERLY, US
[72] KIRSNER, JEFFREY P., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[71] COGNIS DEUTSCHLAND GMBH & CO. KG, DE
[85] 2003-06-27
[86] 2000-12-29 (PCT/US2000/035610)
[87] 2002-07-11 (WO2002/053676)

[21] **2,433,593**
[13] A1

[51] **Int.Cl. 7E21B 43/25 7C09K 7/02 7E21B 33/138**
[25] EN
[54] **NOVEL COMPOUNDS AND METHOD FOR GENERATING A HIGHLY EFFICIENT MEMBRANE IN WATER-BASED DRILLING FLUIDS**
[54] **NOUVEAUX COMPOSES ET PROCEDE PERMETTANT DE GENERER UNE MEMBRANE HAUTEMENT EFFICACE DANS DES FLUIDES DE FORAGE AQUEUX**
[72] DRUMMOND, CALUM J., AU
[72] POBER, KENNETH W., US
[72] MODY, FERSHEED K., US
[72] WELLS, DARRELL, AU
[72] GEORGAKLIS, GEORGE, AU
[72] TAN, CHEE PHUAT, AU
[71] HALLIBURTON ENERGY SERVICES, INC., US
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2003-06-27
[86] 2000-12-30 (PCT/US2000/035686)
[87] 2002-07-11 (WO2002/053873)

PCT Applications Entering the National Phase

[21] **2,433,596**
[13] A1
[51] **Int.Cl. 7C09G 1/16 7C11D 3/00**
7C11D 3/22 7C09D 101/28
[25] EN
[54] **COMPOSITIONS FOR PRE-TREATING SHOES AND METHODS AND ARTICLES EMPLOYING SAME**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE CHAUSSURES ET PROCEDES ET ARTICLES UTILISANT CES COMPOSITIONS**
[72] ZHU, YOUNG, US
[72] HAEGGBERG, DONNA JEAN, US
[72] BARNABAS, MARY VIJAYARANI, US
[72] BAKER, KEITH HOMER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-06-30
[86] 2001-10-25 (PCT/US2001/045641)
[87] 2002-08-29 (WO2002/066568)
[30] US (09/785,876) 2001-02-16

[21] **2,433,604**
[13] A1
[51] **Int.Cl. 7H04B 1/00 7G01R 19/00**
[25] EN
[54] **INDUCTIVE COUPLING OF A DATA SIGNAL TO A POWER TRANSMISSION CABLE**
[54] **COUPLAGE INDUCTIF D'UN SIGNAL DE DONNEES A UN CABLE DE TRANSMISSION D'ENERGIE**
[72] CERN, YEHUDA, US
[72] KAPLUN, GEORGE, IL
[71] AMBIENT CORPORATION, US
[85] 2003-06-27
[86] 2001-05-04 (PCT/US2001/014649)
[87] 2002-07-11 (WO2002/054605)
[30] US (09/752,705) 2000-12-28

[21] **2,433,608**
[13] A1
[51] **Int.Cl. 7B26D 7/06**
[25] EN
[54] **UTILITY CUTTING TOOL HAVING TOGGLE LINK MECHANISM**
[54] **OUTIL DE COUPE UNIVERSEL POURVU D'UN MECANISME D'ARTICULATION DEMULTIPLIEE**
[72] KNIGHT, JOHN B., US
[71] AMERICAN TOOL COMPANIES, INC., US
[85] 2003-06-27
[86] 2001-11-29 (PCT/US2001/044629)
[87] 2002-07-11 (WO2002/053331)
[30] US (09/754,039) 2000-12-28

[21] **2,433,611**
[13] A1
[51] **Int.Cl. 7H04N 7/173 7H04Q 11/04**
7H04L 27/10
[25] EN
[54] **MULTI-BAND COAX EXTENDER FOR IN-BUILDING DIGITAL COMMUNICATION SYSTEMS**
[54] **UNITE D'EXTENSION COAXIALE MULTIBANDE POUR SYSTEMES DE COMMUNICATION NUMERIQUE D'IMMEUBLE**
[72] JACKSON, HAROLD W., US
[72] TERRY, JOHN B. (DECEASED), US
[71] COAXMEDIA, INC, US
[85] 2003-06-30
[86] 2002-02-07 (PCT/US2002/003805)
[87] 2002-08-15 (WO2002/063880)
[30] US (60/267,046) 2001-02-07

[21] **2,433,612**
[13] A1
[51] **Int.Cl. 7G02B 6/12**
[25] EN
[54] **LAYERED CIRCUIT BOARDS AND METHODS OF PRODUCTION THEREOF**
[54] **CARTES DE CIRCUITS IMPRIMES MULTICOUCHES ET PROCEDES DE FABRICATION DE CELLES-CI**
[72] DOI, YUTAKA, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-06-27
[86] 2001-12-18 (PCT/US2001/049088)
[87] 2002-07-11 (WO2002/054122)
[30] US (09/752,661) 2000-12-28

[21] **2,433,616**
[13] A1
[51] **Int.Cl. 7H01M 8/10 7C25B 9/10**
7H01M 4/88
[25] EN
[54] **DECAL METHOD OF MAKING MEMBRANE ELECTRODE ASSEMBLIES FOR FUEL CELLS**
[54] **PROCEDE DE FABRICATION D'ASSEMBLAGES D'ELECTRODES A MEMBRANES PAR DECALQUE POUR PILES A COMBUSTIBLES**
[72] SERIM, PINAR E., US
[72] MAO, SHANE S., US
[72] LIU, JUNKANG J., US
[72] MEKALA, DAVID R., US
[72] FISCHER, EDWARD M., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-06-30
[86] 2002-01-29 (PCT/US2002/003949)
[87] 2002-08-08 (WO2002/061871)
[30] US (60/264,913) 2001-01-29

[21] **2,433,617**
[13] A1
[51] **Int.Cl. 7H04L 1/00 7H04L 1/20**
[25] EN
[54] **SELF-OPTIMIZING MULTI-VARIABLE POINT TO MULTIPOINT COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION POINT-MULTIPOINT A AUTO-OPTIMISATION ET A VARIABLES MULTIPLES**
[72] HAKIM, JOSEPH, US
[72] MAJIDI-AHI, REZA, US
[72] VARMA, SUBIR, US
[71] APERTO NETWORKS, INC., US
[85] 2003-06-27
[86] 2000-12-29 (PCT/US2000/035589)
[87] 2001-07-12 (WO2001/050669)
[30] US (09/475,716) 1999-12-30

[21] **2,433,621**
[13] A1
[51] **Int.Cl. 7F16L 55/10**
[25] EN
[54] **INSERTABLE LINE STOPPER PLUG FOR PIPELINES**
[54] **BOUCHON D'ARRET INSERABLE DESTINE A DES PIPELINES**
[72] RUSSELL, LARRY, US
[71] RUSSELL, LARRY, US
[85] 2003-06-30
[86] 2002-02-05 (PCT/US2002/004661)
[87] 2002-08-15 (WO2002/063196)
[30] US (60/266,746) 2001-02-06
[30] US (10/061,760) 2002-02-01

Demandes PCT entrant en phase nationale

[21] **2,433,623**
[13] A1
[51] **Int.Cl. 7C07D 213/85 7A61P 25/00 7A61P 29/00 7C07D 213/26 7C07D 213/38 7C07D 213/40 7A61K 31/4418 7C07D 213/48 7C07D 213/61 7C07D 213/82 7C07D 213/84**
[25] EN
[54] **PYRIDINE DERIVATIVES USEFUL AS CYCLOOXYGENASE INHIBITOR**
[54] **DERIVES DE PYRIDINE UTILES EN TANT QU'INHIBITEURS DE CYCLO-OXYGENASE**
[72] NAKAMURA, KATSUYA, JP
[72] YAMAMOTO, HIROFUMI, JP
[72] YOSHIMI, EIJI, JP
[72] MORITA, YOSHIKI, JP
[72] KONISHI, NOBUKIYO, JP
[72] MORITA, MASATAKA, JP
[72] OCHI, TAKEHIRO, JP
[72] ISHIDA, JUNYA, JP
[72] MIYATA, SUSUMU, JP
[72] KURODA, KANAE, JP
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP
[85] 2003-06-27
[86] 2001-12-21 (PCT/JP2001/011241)
[87] 2002-07-18 (WO2002/055502)
[30] AU (PR2372) 2001-01-02
[30] AU (PR3007) 2001-02-09
[30] AU (PR6697) 2001-07-30

[21] **2,433,625**
[13] A1
[51] **Int.Cl. 7A47L 13/19**
[25] EN
[54] **SEMI-ENCLOSED APPLICATOR FOR DISTRIBUTING A SUBSTANCE ONTO A TARGET SURFACE**
[54] **APPLICATEUR SEMI-FERME UTILE POUR DISTRIBUER UNE SUBSTANCE SUR UNE SURFACE CIBLE**
[72] LAFOSSE-MARIN, ISABELLE, US
[72] HANEY, CARL PHILLIP, US
[72] MENDOZA, PEDRO MIGUEL, VE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-06-30
[86] 2002-02-22 (PCT/US2002/005437)
[87] 2002-09-06 (WO2002/067758)
[30] US (09/793,161) 2001-02-26

[21] **2,433,626**
[13] A1
[51] **Int.Cl. 7C22C 38/00 7C21D 9/46**
[25] EN
[54] **HIGH-STRENGTH MOLTEN-ZINC-PLATED STEEL PLATE EXCELLENT IN DEPOSIT ADHESION AND SUITABILITY FOR PRESS FORMING AND PROCESS FOR PRODUCING THE SAME**
[54] **PLAQUE D'ACIER A PLACAGE EN ZINC MOULE A HAUTE RESISTANCE POSSEDANT UNE EXCELLENTE ADHESION EN DEPOT ET PARFAITEMENT ADAPTEE AU FORMAGE A LA PRESSE ET PROCEDE DE FABRICATION ASSOCIE**
[72] SENUMA, TAKEHIDE, JP
[72] TAKADA, YOSHIHISA, JP
[72] SUEHIRO, MASAYOSHI, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2003-06-27
[86] 2001-12-27 (PCT/JP2001/011569)
[87] 2002-07-18 (WO2002/055751)
[30] JP (2000-404991) 2000-12-29
[30] JP (2001-102186) 2001-03-30

[21] **2,433,630**
[13] A1
[51] **Int.Cl. 7B65D 83/08 7A61J 1/00**
[25] EN
[54] **METER STRIP DISPENSER ASSEMBLY**
[54] **ENSEMBLE DISTRIBUTEUR DE BANDETTES DE MESURE**
[72] GIRAUD, JEAN-PIERRE, FR
[71] CAPITOL INSULATED PRODUCTS, INC., US
[85] 2003-06-27
[86] 2001-12-28 (PCT/US2001/049580)
[87] 2002-07-18 (WO2002/055008)
[30] US (09/751,191) 2000-12-29

[21] **2,433,634**
[13] A1
[51] **Int.Cl. 7C07H 21/00 7C12N 15/00 7C12Q 1/68**
[25] EN
[54] **5'-THIO PHOSPHATE DIRECTED LIGATION OF OLIGONUCLEOTIDES AND USE IN DETECTION OF SINGLE NUCLEOTIDE POLYMORPHISMS**
[54] **LIGATURE DIRIGEE PAR 5'-THIOPHOSPHATE D'OLIGONUCLEOTIDES ET UTILISATION DANS LA DETECTION DE POLYMORPHISMES A NUCLEOTIDE UNIQUE**
[72] KUMAR, GYANENDRA, US
[72] BANDARU, RAJANIKANTH, US
[71] MOLECULAR STAGING, INC., US
[85] 2003-07-03
[86] 2002-01-04 (PCT/US2002/000005)
[87] 2002-07-11 (WO2002/053780)
[30] US (60/259,918) 2001-01-05
[30] US (09/910,372) 2001-07-20

[21] **2,433,635**
[13] A1
[51] **Int.Cl. 7B65D 1/02 7B65D 23/00 7B65D 1/40**
[25] EN
[54] **RETORTABLE PLASTIC CONTAINER**
[54] **CONTENEUR EN PLASTIQUE STERILISABLE**
[72] HEISEL, TIMOTHY, US
[72] FARRELL, CHRISTOPHER, US
[72] STASIAK, ANNETTE, US
[71] CONSOLIDATED CONTAINER COMPANY LLC, US
[85] 2003-06-30
[86] 2002-03-18 (PCT/US2002/008075)
[87] 2002-09-26 (WO2002/074635)
[30] US (09/809,960) 2001-03-16

PCT Applications Entering the National Phase

[21] **2,433,637**
[13] A1

[51] **Int.Cl. 7B32B 5/12 7D04H 11/00 7D04H 1/04 7B32B 5/06 7B05D 5/12 7B05D 1/14 7B05D 1/16**
[25] EN
[54] **INTERFACE MATERIALS AND METHODS OF PRODUCTION AND USE THEREOF**
[54] **MATERIAUX D'INTERFACE ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] NGUYEN, MY, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-06-30
[86] 2002-05-30 (PCT/US2002/017331)
[87] 2002-12-05 (WO2002/096636)
[30] US (60/294,433) 2001-05-30
[30] US (10/047,617) 2002-01-14

[21] **2,433,657**
[13] A1

[51] **Int.Cl. 7A61K 49/14**
[25] EN
[54] **CONTRAST ENHANCEMENT AGENT FOR MAGNETIC RESONANCE IMAGING**
[54] **AGENT AMELIORATEUR DE CONTRASTE EN IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] HAROON, ZISHAN, US
[72] GREENBERG, CHARLES S., US
[72] DEWHIRST, MARK W., US
[72] NEEMAN, MICHAEL, US
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[71] DUKE UNIVERSITY, US
[85] 2003-06-27
[86] 2001-12-18 (PCT/US2001/049269)
[87] 2002-07-11 (WO2002/054088)
[30] US (60/260,377) 2001-01-05

[21] **2,433,659**
[13] A1

[51] **Int.Cl. 7F21V 33/00**
[25] EN
[54] **APPARATUS HAVING MAGNIFYING ILLUMINATING AND MIRRORING ATTRIBUTES**
[54] **DISPOSITIF PRESENTANT DES CARACTERISTIQUES DE REFLEXION, D'ILLUMINATION ET D'EFFET LOUPE**
[72] RISLEY, WILLIAM BUEL, US
[72] GOLDSTEIN, STEVEN, H., US
[72] GOLDSTEIN, CAROL D., US
[72] JELAVA-RISLEY, MARY MARGARET, US
[71] RISLEY, WILLIAM BUEL, US
[71] GOLDSTEIN, STEVEN, H., US
[71] GOLDSTEIN, CAROL D., US
[71] JELAVA-RISLEY, MARY MARGARET, US
[85] 2003-06-27
[86] 2001-12-21 (PCT/US2001/049274)
[87] 2002-07-11 (WO2002/053968)
[30] US (60/259,420) 2000-12-30
[30] US (09/952,798) 2001-09-14

[21] **2,433,663**
[13] A1

[51] **Int.Cl. 7C11D 3/48 7A01N 31/02 7C11D 17/04 7A01N 31/04 7A01N 31/14 7C11D 3/20 7A01N 37/36 7C11D 3/43**
[25] EN
[54] **ACIDIC HARD-SURFACE ANTIMICROBIAL CLEANER**
[54] **PRODUIT NETTOYANT, ANTIMICROBIEN ET ACIDE, DE SURFACE DURE**
[72] REES, WAYNE M., US
[72] HILGERS, DEBRA S., US
[71] S. C. JOHNSON & SON, INC., US
[85] 2003-06-27
[86] 2002-01-11 (PCT/US2002/000928)
[87] 2002-08-01 (WO2002/059244)
[30] US (09/760,035) 2001-01-12

[21] **2,433,666**
[13] A1

[51] **Int.Cl. 7B62K 11/00**
[25] EN
[54] **POWER-ASSIST SYSTEM AND METHOD FOR BICYCLES**
[54] **SYSTEME ET PROCEDE DE PEDALAGE ASSISTE POUR BICYCLETTES**
[72] SPANSKI, HAROLD, US
[71] SPANSKI, HAROLD, US
[85] 2003-06-27
[86] 2001-12-28 (PCT/US2001/049675)
[87] 2002-07-11 (WO2002/053450)
[30] US (60/258,935) 2000-12-29

[21] **2,433,669**
[13] A1

[51] **Int.Cl. 7B01D 15/08**
[25] EN
[54] **MULTI COLUMN CHROMATOGRAPHY SYSTEM**
[54] **SYSTEME DE CHROMATOGRAPHIE A PLUSIEURS COLONNES**
[72] BRANN, JOHN, US
[71] COHESIVE TECHNOLOGIES INC., US
[85] 2003-06-27
[86] 2001-12-27 (PCT/US2001/049876)
[87] 2002-07-11 (WO2002/053255)
[30] US (09/750,438) 2000-12-28

[21] **2,433,670**
[13] A1

[51] **Int.Cl. 7H01M 6/18 7C08G 73/02 7H01M 8/10 7H01B 1/12 7B01D 69/12 7H01M 10/40 7B01D 71/60**
[25] EN
[54] **CONDUCTIVE POLYAMINE-BASED ELECTROLYTE**
[54] **ELECTROLYTE CONDUCTEUR A BASE DE POLYAMINES**
[72] FRECH, ROGER E., US
[72] GLATZHOFFER, DANIEL T., US
[71] THE UNIVERSITY OF OKLAHOMA, US
[85] 2003-06-27
[86] 2001-12-31 (PCT/US2001/050140)
[87] 2002-07-11 (WO2002/054515)
[30] US (60/258,754) 2000-12-29

Demandes PCT entrant en phase nationale

[21] **2,433,672**
[13] A1

[51] **Int.Cl. 7A61F 2/24**
[25] EN
[54] **MITRAL VALVE CONSTRICTING DEVICE, SYSTEM AND METHOD**
[54] **DISPOSITIF, SYSTEME ET PROCEDE D'ETRANGLEMENT DE VALVULE MITRALE**
[72] KAYE, DAVID M., AU
[72] ALFERNESS, CLIFTON A., US
[71] CARDIAC DIMENSIONS, INC., US
[85] 2003-06-27
[86] 2001-12-27 (PCT/US2001/050860)
[87] 2002-07-11 (WO2002/053206)
[30] US (09/751,271) 2000-12-28

[21] **2,433,684**
[13] A1

[51] **Int.Cl. 7A61K 7/13**
[25] EN
[54] **NOVEL COUPLERS FOR USE IN OXIDATIVE HAIR DYEING**
[54] **NOUVEAUX COUPLEURS DESTINES A ETE UTILISES DANS LA COLORATION CAPILLAIRE OXYDANTE**
[72] LIM, MU-LLL, US
[72] WENKE, GOTTFRIED, US
[72] PAN, YUH-GUO, US
[71] P&G-CLAIROL, INC., US
[85] 2003-06-27
[86] 2002-01-18 (PCT/US2002/001577)
[87] 2002-08-01 (WO2002/058655)
[30] US (60/263,441) 2001-01-23

[21] **2,433,685**
[13] A1

[51] **Int.Cl. 7A61K 7/13**
[25] EN
[54] **PRIMARY INTERMEDIATES FOR OXIDATIVE COLORATION OF HAIR**
[54] **INTERMEDIAIRES PRIMAIRES POUR COLORATION DES CHEVEUX PAR OXYDATION**
[72] PAN, YUH-GUO, US
[72] LIM, MU-III, US
[71] P&G-CLAIROL, INC., US
[85] 2003-06-27
[86] 2002-01-18 (PCT/US2002/001617)
[87] 2002-08-01 (WO2002/058657)
[30] US (60/263,460) 2001-01-23

[21] **2,433,686**
[13] A1

[51] **Int.Cl. 7A61K 7/13**
[25] EN
[54] **PRIMARY INTERMEDIATES FOR OXIDATIVE COLORATION OF HAIR**
[54] **INTERMEDIAIRES PRIMAIRES POUR UNE COLORATION OXYDATIVE DES CHEVEUX**
[72] LIM, MU-III, US
[72] PAN, YUH-GUO, US
[71] P&G-CLAIROL, INC., US
[85] 2003-06-27
[86] 2002-01-18 (PCT/US2002/001626)
[87] 2002-08-01 (WO2002/058658)
[30] US (60/263,586) 2001-01-23

[21] **2,433,692**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 14/47 7G01N 33/53 7C12Q 1/68 7C07K 14/705**
[25] EN
[54] **ISOLATED HUMAN TRANSPORTER PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS, AND USES THEREOF**
[54] **PROTEINES TRANSPORTEUSES HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT POUR LESDITES PROTEINES, ET UTILISATION DESDITES PROTEINES**
[72] BEASLEY, ELLEN M., US
[72] MERKULOV, GENNADY, US
[71] PE CORPORATION (NY), US
[85] 2003-07-03
[86] 2002-01-10 (PCT/US2002/000283)
[87] 2002-07-18 (WO2002/055703)
[30] US (60/260,890) 2001-01-12

[21] **2,433,704**
[13] A1

[51] **Int.Cl. 7G07G 1/12 7G07G 1/01 7G06F 17/60**
[25] EN
[54] **ADVERTISEMENT DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DIFFUSION PUBLICITAIRE**
[72] TOYOOKA, TAKAMARO, JP
[71] DENARO CO., LTD., JP
[85] 2003-07-03
[86] 2001-01-11 (PCT/JP2001/000098)
[87] 2002-07-18 (WO2002/056269)

[21] **2,433,772**
[13] A1

[51] **Int.Cl. 7C07D 239/28 7A61P 19/02 7C07D 401/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7A61K 31/505**
[25] EN
[54] **PYRIMIDINE MATRIX METALLOPROTEINASE INHIBITORS**
[54] **PYRIMIDINE COMME INHIBITEURS DE LA METALLOPROTEINASE DE MATRICE**
[72] PATT, WILLIAM CHESTER, US
[72] BARVIAN, NICOLE CHANTEL, US
[71] WARNER-LAMBERT COMPANY LLC, US
[85] 2003-07-03
[86] 2002-01-18 (PCT/IB2002/000190)
[87] 2002-08-22 (WO2002/064571)
[30] US (60/268,779) 2001-02-14

[21] **2,433,774**
[13] A1

[51] **Int.Cl. 7H01Q 1/12 7H01Q 1/32**
[25] EN
[54] **GLASS ANTENNA AND GLASS ANTENNA SYSTEM USING THE SAME**
[54] **ANTENNE DE VITRE ET SYSTEME D'ANTENNE DE VITRE LA COMPRENANT**
[72] OKA, HIDETOSHI, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[85] 2003-07-03
[86] 2001-12-28 (PCT/JP2001/011622)
[87] 2002-07-18 (WO2002/056412)
[30] JP (2001-000006) 2001-01-04

PCT Applications Entering the National Phase

[21] **2,433,778**
[13] A1
[51] **Int.Cl. 7C07D 495/04 7A61P 29/00 7A61P 35/00 7A61K 31/505**
[25] EN
[54] **THIENO'2,3-D PYRIMIDINDIONE DERIVATIVES AS MATRIX METALLOPROTEINASE INHIBITORS**
[54] **DERIVES DE THIENO'2,3-D PYRIMIDINONE UTILISES COMME INHIBITEURS DE METALLOPROTEINASES MATRICIELLES**
[72] ORTWINE, DANIEL FRED, US
[72] SHULER, KEVON RAY, US
[72] LI, JIE JACK, US
[72] YUE, WEN-SONG, US
[72] HARTER, WILLIAM GLEN, US
[71] WARNER-LAMBERT COMPANY LLC, US
[85] 2003-07-03
[86] 2002-01-18 (PCT/IB2002/000204)
[87] 2002-08-22 (WO2002/064598)
[30] US (60/268,756) 2001-02-14

[21] **2,433,877**
[13] A1
[51] **Int.Cl. 7A61K 39/395 7C12N 15/00 7C07H 21/04 7C12N 5/10 7C12N 15/13 7C07K 16/44**
[25] EN
[54] **BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS**
[54] **PROTEINES DE FUSION D'IMMUNOGLOBULINE DE DOMAINE DE LIAISON**
[72] HAYDEN-LEDBETTER, MARTHA, US
[72] LEDBETTER, JEFFREY A., US
[71] GENE CRAFT, INC., US
[85] 2003-07-04
[86] 2002-01-17 (PCT/US2002/001487)
[87] 2002-07-25 (WO2002/056910)
[30] US (09/765,208) 2001-01-17

[21] **2,434,192**
[13] A1
[51] **Int.Cl. 7G07F 19/00**
[25] FR
[54] **SYSTEME ET METHODE DE RENOUELEMENT DE DONNEES D'IDENTIFICATION SUR UN DISPOSITIF DE TRANSACTION PORTATIF**
[54] **SYSTEM AND METHOD FOR REPLACING IDENTIFICATION DATA ON A PORTABLE TRANSACTION DEVICE**
[72] GAILLARD, JOEL, BS
[71] G. HOLDINGS LTD., BS
[85] 2003-07-17
[86] 2001-05-28 (PCT/IB2001/000940)
[87] 2002-09-26 (WO2002/075674)
[30] US (60/276,119) 2001-03-16

[21] **2,434,196**
[13] A1
[51] **Int.Cl. 7G07F 7/08**
[25] FR
[54] **SYSTEME ET METHODE DE RENOUELEMENT DE DONNEES D'IDENTIFICATION SUR UN DISPOSITIF D'IDENTIFICATION PORTATIF**
[54] **SYSTEM AND METHOD FOR REPLACING IDENTIFICATION DATA ON A PORTABLE IDENTIFICATION DEVICE**
[72] GAILLARD, JOEL, BS
[71] G. HOLDINGS LTD., BS
[85] 2003-07-17
[86] 2002-03-05 (PCT/IB2002/000652)
[87] 2002-09-26 (WO2002/075675)
[30] US (60/276,119) 2001-03-16
[30] IB (PCT/IB01/00940) 2001-05-28
[30] US (60/294,448) 2001-05-30

[21] **2,434,231**
[13] A1
[51] **Int.Cl. 7C07C 263/04 7C07C 265/12**
[25] EN
[54] **INTEGRATED PROCESS FOR THE PREPARATION OF AROMATIC ISOCYANATES AND PROCEDURES FOR EFFECTING THE RELATIVE INTERMEDIATE PHASES**
[54] **PROCEDE INTEGRE DE PREPARATION D'ISOCYANATES AROMATIQUES ET PROCEDURES UTILISEES POUR EFFECTUER LES PHASES INTERMEDIAIRES ASSOCIEES**
[72] RICCI, MARCO, IT
[72] CESTI, PIETRO, IT
[72] BOSETTI, ALDO, IT
[72] NOTARI, MARCELLO, IT
[72] MIZIA, FRANCO, IT
[72] RIVETTI, FRANCO, IT
[72] ROMANO, UGO, IT
[71] DOW GLOBAL TECHNOLOGIES INC., US
[85] 2003-06-09
[86] 2001-02-01 (PCT/EP2001/001056)
[87] 2001-08-09 (WO2001/056977)
[30] IT (MI2000A000165) 2000-02-03

Canadian Divisional and Previously Unavailable Laid-Open applications

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,433,303**
[13] A1
[51] **Int.Cl. 7B21D 5/14 7B21D 1/02 7B21D 13/04**
[25] EN
[54] **ROLL-FORMING MACHINE**
[54] **MACHINE A PROFILER LES FEUILLARDS**
[72] FISHER, WAYNE, US
[72] BRADBURY, PHILIP E., US
[72] VOTH, KARL E., US
[71] THE BRADBURY COMPANY, INC., US
[22] 2000-01-18
[43] 2000-07-22
[62] 2,296,240
[30] US (09/235,539) 1999-01-22

[21] **2,433,459**
[13] A1
[51] **Int.Cl. 7H04L 12/56 7H04B 3/36**
[25] EN
[54] **REPEATER FOR GENERATING COLLISION AFTER A BUFFER BEING FULL**
[54] **REPETEUR POUR CREER COLLISION APRES QUE LE TAMPON SOIT REMPLI**
[72] AVRAHAM, MENACHEM, IL
[72] SHUKI, PERLMAN, IL
[72] BEN-MICHAEL, SIMONI, IL
[71] ENTERASYS NETWORKS, INC., US
[22] 1998-01-05
[43] 1998-07-16
[62] 2,277,137
[30] US (08/780,654) 1997-01-07

[21] **2,433,502**
[13] A1
[51] **Int.Cl. 7A61K 39/155**
[25] EN
[54] **ACELLULAR PERTUSSIS VACCINES AND METHODS OF PREPARATION THEREOF**
[54] **VACCINS ANTICOQUELUCHEUX ACELLULAIRES ET PROCEDES DE PREPARATION CORRESPONDANTS**
[72] FAHIM, RAAFAT E., CA
[72] JACKSON, GAIL E., CA
[72] BARRETO, LUIS, CA
[72] THIPPRAWONG, JOHN, CA
[72] VOSE, BERNARD R., FR
[72] TAN, LARRY U., CA
[72] KLEIN, MICHEL H., CA
[72] HERBERT, ANDREW, CA
[71] AVENTIS PASTEUR LIMITED/
AVENTIS PASTEUR LIMITEE, CA

[22] 1996-05-02
[43] 1996-11-07
[62] 2,220,063
[30] US (08/501,743) 1995-07-12
[30] US (08/433,646) 1995-05-04

[21] **2,433,564**
[13] A1
[51] **Int.Cl. 7G06F 15/16 7H04L 12/16**
[25] EN
[54] **A METHOD AND APPARATUS FOR IMPLEMENTING A WORKGROUP SERVER ARRAY**
[54] **PROCEDE ET APPAREIL DE MISE EN OEUVRE D'UN ENSEMBLE DE SERVEURS DE GROUPES DE TRAVAIL**
[72] HWANG, IVAN CHUNG-SHUNG, US
[71] HWANG, IVAN CHUNG-SHUNG, US
[22] 2000-05-17
[43] 2000-11-30
[62] 2,338,025
[30] US (60/135,318) 1999-05-20

[21] **2,433,607**
[13] A1
[51] **Int.Cl. 7H04L 12/12 7H04L 29/02**
[25] EN
[54] **NETWORK STATION WITH MULTIPLE NETWORK ADDRESSES**
[54] **STATION DE RESEAU A ADRESSES MULTIPLES**
[72] STROHL, NILES EDWARD, US
[72] KRAUSE, JEFFREY, US
[72] RUSSELL, STEVEN P., US
[72] HART, JOHN H., US
[72] SEAMAN, MICHAEL JOHN, US
[71] 3COM CORPORATION, US
[22] 1994-07-25
[43] 1995-02-09
[62] 2,144,743
[30] US (08/098,616) 1993-07-28

[21] **2,434,428**
[13] A1
[51] **Int.Cl. 7B26B 13/02**
[25] EN
[54] **CUTTING DEVICE**
[54] **DISPOSITIF DE COUPE**
[72] SILVER, MICHAEL I., US
[72] SILVER, WENDY L., US
[72] CHAN, ERIC, US
[72] SPOOL, IRA, US
[72] CHORPASH, RAMA, US
[71] WENCO LLC, US
[22] 2001-04-04
[43] 2001-10-11
[62] 2,392,651
[30] US (60/194,372) 2000-04-04

Canadian Divisional and Previously Unavailable Laid-Open applications

Index of Canadian Patents Issued

September 9, 2003

Index des brevets canadiens délivrés

9 septembre 2003

AB INITIO SOFTWARE CORPORATION	2,288,892	BARNES, SHELTON T.	2,314,411	BROWNE, LAURENCE ANTHONY	2,080,082
ABUTO, FRANK PAUL	2,116,952	BARONTI, RUTILIO	2,099,041	BRUNNER, ERWIN	2,096,712
ABUTO, FRANK PAUL	2,117,219	BARR, ROBERT A.	2,273,433	BTG INTERNATIONAL LIMITED	2,102,183
ACHEPOHL, H. ALLEN	2,238,099	BARSS, STEVEN H.	2,263,783	BUNDENS, WARNER P.	2,257,286
ADAMS-BRADY, DAVID	2,263,783	BARTHOMEUF, JEAN-PAUL	2,265,264	BURKE, THOMAS J.	2,247,539
AIRIOLA, SAMI-JUSSI	2,229,431	BASF AKTIENGESELLSCHAFT	2,096,712	BURKY, THOMAS E.	2,335,788
AKAIKE, TAKA AKI	2,183,834	BASTRON, VICTOR	2,222,062	BURLEY, JOSEPH WILLIAM	2,179,191
AKASAKA, KENSAKU	2,174,316	BATEMAN, LINDA S.	2,277,994	BUSACKER, JAMES W.	2,205,374
AKCROS CHEMICALS, A PARTNERSHIP BETWEEN AKCROS SERVICES LIMITED AND PURE CHEMICALS LTD	2,179,191	BATTELLE MEMORIAL INSTITUTE	2,335,788	BUTTERS, MICHAEL	2,228,655
ALCARE CO., LTD.	2,061,229	BAUER, DAVID R.	2,119,268	BUTZ, DONALD J.	2,335,788
ALCATEL SEL AKTIENGESELLSCHAFT	2,089,524	BAYER		BUTZ, JOHN S.	2,335,788
ALEXANDER, GRAHAM H.	2,335,788	AKTIENGESELLSCHAFT	2,091,705	CALDWELL, JOSEPH D.	2,219,670
ALEXANDER, KIP LIN C.	2,284,854	BAYER CORPORATION	2,083,313	CALVET, ALAIN	2,037,114
ALL, FRANK EDWARD	2,128,417	BEAUDOIN, JAMES J.	2,180,483	CANON KABUSHIKI KAISHA	2,253,015
ALLEN, DOUGLAS J.	2,129,626	BELEC, ERIC A.	2,368,032	CANON KABUSHIKI KAISHA	2,354,099
ALLERGAN, INC.	2,031,480	BELHUMEUR, ALBERT	2,314,689	CARDIAC PACEMAKERS, INC.	2,066,843
ALLIEDSIGNAL INC.	2,251,093	BELIN, FELIX	2,284,854	CARSON PRODUCTS COMPANY	2,165,952
AMANO, HIROTAKA	2,290,712	BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY	2,368,032	CARTER, THOMAS P.	2,290,503
AMONETT, DANIEL KEITH	2,207,311	BENNETT, LARRY P.	2,201,951	CASSELLA AKTIENGESELLSCHAFT	2,130,174
ANDERSEN, HENNING HOUGAARD	2,341,255	BENNETT, PERRY A.	2,314,411	CASSITY, THOMAS GUS	2,116,873
ANDRITZ INC.	2,108,853	BERG, KENNETH A.	2,044,174	CEM CORPORATION	2,328,944
ANEAS, ANTOINE	2,220,862	BERGMANN, ANDREAS	2,089,870	CENTRAL PLASTICS COMPANY	2,283,555
ANGELETTE, AUBREY M.	2,100,947	BERNIER, ANDRE	2,237,341	CENTRE D'ETUDES TECHNIQUES DE L'EQUIPEMENT DE L'EST (C.E.T.E. DE L'EST) SERVICE EXTERIEUR DU MINISTERE DE L'EQUIPEMENT	2,139,577
ANNERGREN, JEANETTE	2,117,342	BERRY, PAUL SIMON	2,102,183	CHADWICK, ROBERT B.	2,213,731
AOKI, KEIICHIRO	2,299,933	BERTOLA, ROBERTO	2,094,940	CHAMBERLAIN, PETER	2,171,830
AOYAMA, YOSHITAKA	2,110,272	BERTRAM, BRYAN L.	2,219,670	CHANDRARATNA, ROSHANTHA A. S.	2,031,480
APPLIED EXTRUSION TECHNOLOGIES, INC.	2,125,891	BIGGS, MELVIN L.	2,263,783	CHANG, KEUNSUK PAUL	2,128,417
APPLIED POWER INC.	2,119,268	BIGLER, NICOLAS	2,083,082	CHAO, HUNG Y.	2,140,904
ARUTAKI, AKIRA	2,277,229	BILAK, ROMAN A.	2,216,045	CHAPARRAL STEEL COMPANY	2,055,607
ARVINTE, TUDOR	2,057,291	BIODOME	2,220,862	CHAPMAN, KEVEN TODD	2,249,141
ASSI, LAURENT AKE	2,183,155	BIO-SEPARATION LIMITED	2,124,193	CHAPOTEAU, EDDY	2,083,313
ATKINS, HARRIETTE	2,131,804	BLACK & DECKER INC.	2,123,656	CHARLES, HERBERT N.	2,359,091
AUBARD, GILBERT	2,037,114	BLANCHE, STEPHEN ARTHUR	2,254,472	CHASE, LEE M.	2,193,380
AVDEL SYSTEMS LIMITED	2,080,082	BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE (THE)	2,085,230	CHEN, YUHPYNG LIANG	2,263,566
AVENTIS PHARMA INC.	2,036,770	BOBO, DONALD E., JR.	2,272,691	CHERNY, DIMITRY	2,158,169
AVENTIS PHARMA S.A.	2,146,372	BOGOSO, KLAUS PETER	2,360,287	CHERNY, DMITRY	2,158,169
AVENTIS PHARMACEUTICALS INC.	2,078,814	BOSTON, THOMAS R.	2,179,388	CHERNY, NICOLAI	2,158,169
B.R.A.H.M.S. AKTIENGESELLSCHAFT	2,089,870	BOURDAUDUCQ, PAUL	2,218,707	CHIPWORKS	2,370,766
BACKMAN, KEITH	2,145,630	BOYD, MICHAEL R.	2,183,155	CHRISTENSON, RONALD E.	2,262,651
BAKER HUGHES INCORPORATED	2,362,473	BREDEMEIER, ECKART	2,204,689		
BALTIMORE AIRCOIL COMPANY, INCORPORATED	2,290,503	BRINGMANN, GERHARD	2,183,155		
		BROADHEAD, DOUGLAS G.	2,208,991		
		BROOKER, DONALD D.	2,339,468		

**Index of Canadian Patents Issued
September 9, 2003**

CIBA SPECIALTY CHEMICALS CORPORATION	2,044,698	DUNKIN, JON R. E.H. PRICE LIMITED E.I. DU PONT DE NEMOURS AND COMPANY	2,228,868 2,299,000 2,149,224	GREMILLION, ERNEST J. GREVING, GERHARD GRIMBERG, GEORGES SERGE	2,147,891 2,089,524 2,227,740
CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED	2,171,830	EATON CORPORATION EDWARDS LIFESCIENCES CORPORATION	2,201,951 2,272,691	GRINBERGS, PETER KARL GROUHEL, AGNES GRUENBACHER, DANA PAUL	2,306,011 2,037,114 2,165,691
CIRCAID MEDICAL PRODUCTS, INC.	2,257,286	EFFLAND, RICHARD C. EHARA, HIROYUKI ELF ATOCHEM S.A.	2,078,814 2,355,975 2,218,707	GTE LABORATORIES INCORPORATED	2,098,194
CLANTON, KAROLE COBERLY, STEVEN H. COCA-COLA COMPANY (THE)	2,192,879 2,212,578 2,179,388	EMERSON ELECTRIC CO. EMERSON ELECTRIC CO. ENCELLE, INC. ENGST, WILHELM	2,207,311 2,228,868 2,239,498 2,113,170	H. LUNDBECK A/S HAASE, CHRISTOPHER L. HALDEX AB HALM, ROLAND LEE HAMABE, KOJIRO	2,360,287 2,282,987 2,103,080 2,112,875 2,266,810
CONRAD, LARRY M. CONSORTIUM FUR ELEKTROCHEMISCHE INDUSTRIE GMBH	2,146,131 2,145,630	ENTZMINGER, GEORGE JR. E-TALK CORPORATION ETCO INCORPORATED ETHOX CHEMICALS LLC	2,275,704 2,303,109 2,254,472 2,239,318	HANSEN, MARK G. HARADA, GAKU HARBISON-FISCHER INC. HARDEN, ELEANOR HARGETT, WYATT PRICE JR.	2,228,569 2,277,411 2,158,169 2,171,830 2,328,944
CONTITECH TRANSPORTBANDSYST EME GMBH	2,113,170	EXXONMOBIL OIL CORPORATION FABRIS, MARIO FALLOS, GEORGE	2,128,417 2,271,584 2,368,032	HARRIS, ELIETH W. HARRISON, JULIE ANN HARRISON, RICHARD H. HARVEY, HEATHER BLUE HAVENS, JOHN	2,044,698 2,228,655 2,290,503 2,179,191 2,131,804
COOPER CAMERON CORPORATION COTE, SYLVAIN CPFILMS INC. CREDLE, WILLIAM S., JR. CUMMINGS, ARTHUR L. CYTEC TECHNOLOGY CORP.	2,116,873 2,300,261 2,100,524 2,179,388 2,212,578 2,144,547	FATICA, MICHAEL GARY FELSEN, KARL H. FERNANDEZ LOPEZ, RAIMOND FERRARI, SARAH L. FEW FORSCHUNGS- UND ENTWICKLUNGSGESEL LSCHAFT WOLFEN MBH	2,125,891 2,299,000 2,211,151 2,290,503 2,255,530	HELLWIG, JOHN HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES HERRS, MARTIN HESDAHL, PIET B. HESS, MICHAEL F. HETZEL, JOHN M., JR. HEWETT, JEFFREY ALLEN HIGGINS, MICHAEL J. HIGUMA, MASAHIKO HILTI AKTIENGESELLSCHAFT	2,329,410 2,204,689 2,071,619 2,205,374 2,058,821 2,249,141 2,272,691 2,253,015 2,146,270
CZECH, BRONISLAW P. DAHLGREN, MATS DAIICHI PHARMACEUTICAL CO., LTD. DAIICHI TECHNO CO., LTD. DAIRYLAND ELECTRICAL INDUSTRIES INC. DAUGHERTY, RICHARD DEWAYNE DE CASTRO, JOSE TADEO DE LA GUARDIA, MARIO JOSE DECKERS OUTDOOR CORPORATION DEFAUX, JEAN-PIERRE DENHAM, KEITH DENIS, JEAN-NOEL DEROLF, M. ROBERT DHJ MEDIA AB DING, JIAN DISCOVISION ASSOCIATES DISETRONIC LICENSING AG DIXIE PRECAST, INC. DOBBS, DAVID DOHERTY, NIALL S. DOLFEL, RAINER DOTY SCIENTIFIC, INC. DOTY, F. DAVID DOUGLAS, ANNMARIE VERONICA DOW CORNING CORPORATION DRNEVICH, RAYMOND FRANCIS DRUMMOND, MICHAEL T. DRZAIC, PAUL S.	2,083,313 2,252,973 2,248,953 2,242,133 2,110,020 2,112,875 2,227,701 2,165,952 2,227,352 2,037,114 2,080,082 2,146,372 2,044,174 2,252,973 2,180,483 2,250,900 2,129,626 2,100,947 2,309,651 2,036,770 2,329,266 2,275,704 2,275,704 2,116,609 2,112,875 2,325,754 2,268,577 2,131,804	FORWARD, GORDON E. FOX, JOHN A. FRANCE TELECOM FRANCOIS, GUIDO FRANK, STEPHAN FREIHEIT, JOACHIM FRIGERIO, GIULIANO FU, YAN FUCHS, HUGO FUJII SUISAN CO., LTD. FUJII, KEISUKE FUJIMICHI, HIROSHI FUJIWARA, MASAKI FUKUOKA, ITSUO FUMAKILLA LIMITED FUNDYTUS, DARCEY D. FURUNO ELECTRIC COMPANY, LIMITED GAILUS, DAVID W. GALLAGHER, DENIS GARRISH, BRYAN F. GAUTHIER, ALAIN GEIB, GEORGE GREGORY GEKHTER, VLADIMIR GEMZA, ANDY GEO ACQUISITION CORP. GIULIANI S.P.A. GIULIANI, GIANGERMANO GLUF, CARL G. JR. GOGLINO, GUIDO GOLLY, SCOTT M. GORLOV, ALEXANDER M. GOSS, JOHN D. GOURET, CLAUDE-JEAN GREENE, ANDREW	2,055,607 2,303,109 2,182,386 2,183,155 2,329,266 2,329,266 2,087,298 2,180,483 2,096,712 2,320,147 2,320,147 2,272,189 2,277,411 2,117,432 2,062,105 2,216,045 2,117,432 2,263,783 2,300,261 2,290,503 2,265,264 2,239,318 2,135,040 2,221,953 2,121,332 2,087,298 2,087,298 2,201,951 2,094,940 2,335,788 2,109,933 2,193,380 2,037,114 2,146,372	HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES HERRS, MARTIN HESDAHL, PIET B. HESS, MICHAEL F. HETZEL, JOHN M., JR. HEWETT, JEFFREY ALLEN HIGGINS, MICHAEL J. HIGUMA, MASAHIKO HILTI AKTIENGESELLSCHAFT HINE, NATHAN P. HINES, LETHA MARGORY HIRAO, YUZO HIROSHIMA UNIVERSITY HOISINGTON, PAUL A. HOLM, PER HONDA GIKEN KOGYO KABUSHIKI KAISHA HONEYWELL-MEASUREX CORPORATION HONIG, DAN S. HOPPER, HANS PAUL HOSHIKAWA, RYUICHI HOTODA, HITOSHI HOTTA, TOKIO HSUNG, JEAN-CHEUI HUDSON SOFT CO. LTD. HUDSPETH, JAMES HUNTSMAN INTERNATIONAL LLC	2,329,410 2,204,689 2,071,619 2,205,374 2,058,821 2,249,141 2,272,691 2,253,015 2,146,270 2,263,783 2,276,487 2,290,712 2,062,105 2,263,783 2,360,287 2,174,316 2,193,380 2,044,698 2,116,873 2,290,340 2,079,413 2,289,419 2,066,843 2,412,896 2,037,114 2,092,577

**Index des brevets canadiens délivrés
9 septembre 2003**

HUNTWORK, DANIEL	2,066,843	KOJO, TEPPU	2,229,431	MARYAMCHIK, MIKHAIL	2,284,854
HYLIN, MATS	2,252,973	KOLB, MICHAEL J.	2,301,098	MAS, JEAN-MANUEL	2,146,372
IANNELLI, ANTHONY	2,172,948	KOLPAK, FRANCIS JOHN	2,125,891	MATHUR, RAJIV	2,175,472
IKEDA, MASAMI	2,253,015	KONIG, WOLFGANG	2,130,174	MATSUDA, AKIRA	2,079,413
IMRAAN, AZIZ	2,227,701	KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,071,619	MATSUI SHIKISO CHEMICAL CO., LTD.	2,290,340
INOUE, MASARU	2,059,383	KOPIETZ, MICHAEL	2,096,712	MATSUMURA, SHUNICHI	2,183,412
INVACARE CORPORATION	2,208,991	KOUYOUMDJIAN, MICHEL	2,059,081	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,272,423
IRECO, INC.	2,082,141	KOVACEVIC, SNEZANA B.	2,392,680	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,355,975
ITO, TAKASHI	2,183,412	KOVACEVIC, STEVO B.	2,392,680	MAYER, KATHERINE LOUISE	2,276,487
IWATA, NOBORU	2,242,133	KRAEUTLER, BERNARD	2,101,597	MAYFIELD, ALFRED B.	2,086,329
JABLONKA, BERND	2,130,174	KRAFT FOODS, INC.	2,085,838	MAYNARD, SCOTT D.	2,127,353
JACKSON, OKSU SIN	2,227,352	KRUSPE, THOMAS	2,362,473	MAYTAG CORPORATION	2,261,101
JACOBELLI, HENRI	2,037,114	KUIVILA, CHARLES SPENCER	2,112,875	MAYTAG CORPORATION	2,314,411
JAGER, ELKE	2,244,867	KUPNESKI, MICHAEL JOSEPH	2,165,691	MCDONALD, IAN A.	2,036,770
JANMEY, PAUL A.	2,142,121	KURAMOTO, YASUHIRO	2,290,712	MCDONALD, MARLENE M.	2,263,783
JAPAN SCIENCE & TECHNOLOGY CORPORATION	2,193,915	KUSUMOTO, YASUYUKI	2,192,261	MCINTEE, MARK J.	2,244,298
JARVIS, DAVID PAUL	2,165,952	KUZNICK, IAN B.	2,095,471	MCMICHAEL, JOHN	2,269,031
JOHANSON, JERRY R.	2,108,853	LAMB, JENNIFER A.	2,142,121	MCNEILUS TRUCK AND MANUFACTURING, INC.	2,262,651
JOHANSON, WALTER A.	2,240,551	LAMBERT, LAURIE E.	2,036,770	MEDTRONIC, INC.	2,205,374
JOHN O. BUTLER COMPANY	2,135,040	LAMBERT, MARCO	2,301,098	MEIER, ALBERT H.	2,085,230
JOHN O. BUTLER COMPANY	2,238,099	LAMBLIN, CLAUDE	2,182,386	MEIER-WESTHUES, HANS- ULRICH	2,091,705
JOHNSON & JOHNSON INC.	2,300,261	LANDOLL, LEO MICHAEL	2,125,891	MEIXNER, JURGEN	2,091,705
JOHNSON, CHARLES	2,086,329	LANE, ABBOTT A.	2,058,821	MELITTA HAUSHALTSPRODUKTE GMBH & CO. KG	2,329,266
JOHNSON, RICHARD	2,244,298	LASSER, CLIFFORD A.	2,288,892	MERKER, ROLAND	2,204,689
JOHNSTON-DOW, LESLIE	2,213,731	LAU, ALDRICH N.K.	2,131,804	METSO PAPER, INC.	2,229,431
JOIST CO., LTD.	2,230,608	LAU, ANDREW CHUN-PONG	2,307,506	MICRO-PAK, INC.	2,175,472
JONASON, JOAKIM	2,252,973	LAUX, DANIEL RICHARD	2,116,952	MILBRADA, EDWARD JOHN	2,276,487
JONES, JOSEPH JR.	2,165,952	LAUX, DANIEL RICHARD	2,117,219	MILKHAUS LABORATORY, INC.	2,269,031
JUETHNER, A. KONRAD	2,306,804	LAVEN, THOMAS H.	2,212,578	MITEK HOLDINGS, INC.	2,282,987
JUNIEN, JEAN-LOUIS	2,037,114	LE GROUPE BERGER LTEE/ BERGER GROUP LTD.	2,314,689	MITEL NETWORKS CORPORATION	2,180,685
JURAN, CARLEEN J.	2,205,374	LEE, JAMES S., JR.	2,368,032	MITSUHASHI, YOSHIHIRO	2,079,413
JUST, MELITTA	2,130,174	LEINFELDER, WALFRED	2,145,630	MIYAMOTO, YOICHI	2,183,834
KAJIHARA, SHINICHIRO	2,237,965	L'ESTOR, S.L.	2,211,151	MIZUGUCHI, HIRONORI	2,243,133
KANEKO, MASAKATSU	2,079,413	LEVESQUE, YVON	2,300,261	MOMONA, MORIHISA	2,264,461
KANSTEINER, BEAU	2,086,329	LIDZEY, RAYMOND G.	2,124,193	MONTOYA, WAYNE	2,131,804
KATO, OSAMU	2,272,423	LIND, STUART E.	2,142,121	MOONEY, CHARLES	2,272,691
KAWAI, MASATO	2,117,432	LION APPAREL, INC.	2,058,821	MOORE WALLACE, INC.	2,140,904
KEANA, JOHN F. W.	2,138,026	LOCKETT, MICHAEL JAMES	2,307,506	MORGAN, BENJI DAWN	2,116,609
KELLENBERGER, STANLEY ROY	2,116,952	L'OREAL	2,233,262	MORII, TOSHIYUKI	2,355,975
KELLENBERGER, STANLEY ROY	2,117,219	LOWERY, TED	2,244,298	MORRISSEY, JAMES H.	2,108,282
KEWAUNEE SCIENTIFIC CORPORATION	2,192,879	LU, PANG CHIA	2,128,417	MOYNIHAN, EDWARD R.	2,263,783
KIDO, NOBUAKI	2,183,412	LUCIANI, CARMEN V.	2,102,650	MPR SERVICES, INC.	2,212,578
KIM, SINIL	2,304,096	LUDLOW, TERRY	2,370,766	MULDER, RONALD	2,135,897
KIM, TAEHEE	2,304,096	LUDVIGSEN, CARL	2,341,255	MULLER, HANS-JURGEN	2,255,530
KIMBERLY-CLARK WORLDWIDE, INC.	2,116,609	LUDWIG INSTITUTE FOR CANCER RESEARCH	2,244,867	MUNSON, JAMES R.	2,219,670
KIMBERLY-CLARK WORLDWIDE, INC.	2,116,952	LUMPPPIO, JUHA LAURI	2,176,083	MURDANDE, SHARAD	2,304,096
KIMBERLY-CLARK WORLDWIDE, INC.	2,117,219	LUND, EARL AUGUST EUGENE (DECEASED)	2,251,093	MUTTERER, JAMES NELSON JR.	2,328,944
KITAGAWA, YOSUKE	2,290,340	M&P CHITLIN COMPANY, INC.	2,247,539	NADHERNY, RUDOLPH E.	2,082,141
KITO, KAZUO	2,237,965	MACHALICA, DAVID	2,303,109	NAKAKOSHI, MASAMICHI	2,248,953
KLEIN, JOSEPH T.	2,078,814	MACKAY, DIANE	2,263,783	NAKAMURA, JUNJI	2,248,953
KLIK, CORNELIS M.	2,071,619	MACKAY, STEPHEN C.	2,263,783	NAKAMURA, MITSUO	2,230,608
KNOBLOCH, PETER	2,255,530	MAEDA, HIROSHI	2,183,834	NAKATA, HIROHIKO	2,189,934
KNOLLE, JOCHEN	2,130,174	MARCON, ROBERT VICTOR	2,239,400	NAKAYAMA, SHOJI	2,248,953
KNUTH, ALEXANDER	2,244,867	MARK IV INDUSTRIES LIMITED	2,170,842	NATIONAL RESEARCH COUNCIL OF CANADA	2,180,483
KOATSU GAS KOGYO CO., LTD.	2,059,383	MARKOWITZ, H. TOBY	2,205,374		
KOBAYASHI, TOMOWO	2,079,413	MARKS, DAVID NEIL	2,149,224		
KOEPSSEL, SCOTT H.	2,238,099	MARTIN, LAWRENCE L.	2,078,814		
		MARTINEAU, DANIEL	2,329,410		

Index of Canadian Patents Issued September 9, 2003

NATSUHARA, MASUHIRO	2,189,934	PALIFKA, ROBERT G.	2,263,783	SAINT-GOBAIN INDUSTRIAL	
NEC CORPORATION	2,243,133	PAQUES B.V.	2,135,897	CERAMICS, INC.	2,277,994
NEC CORPORATION	2,264,461	PARHAM, PETER	2,213,731	SAJI, YOSHIRO	2,059,383
NEC CORPORATION	2,266,810	PARKE-DAVIS	2,037,114	SAKAMOTO, SHUICHI	2,139,937
NEC CORPORATION	2,270,774	PARKER, ROBERT		SAKAURA, YOICHI	2,289,419
NEC CORPORATION	2,272,189	CHRISTIAN	2,251,093	SALLEE, LORRY FRANCIS	2,116,952
NEC CORPORATION	2,276,842	PASCAUD, XAVIER	2,037,114	SALLEE, LORRY FRANCIS	2,117,219
NEC CORPORATION	2,277,229	PATTISON, JON A.	2,303,109	SALYER, IVAL O.	2,033,578
NEC TOKIN CORPORATION	2,277,411	PAULSON, BRUCE A.	2,263,783	SANDVIK AB	2,125,882
NELANDER, AKE	2,103,080	PAYKIN, ALEX	2,309,651	SANKYO COMPANY,	
NENCINI, PIERGIORGIO	2,099,041	PE CORPORATION (NY)	2,213,731	LIMITED	2,079,413
NERGECO (SOCIETE		PECOR, ROBERT	2,272,691	SANYO ELECTRIC CO., LTD.	2,192,261
ANONYME)	2,101,597	PEDUTO, NICOLANGELO	2,295,954	SARVAMANGALA, DEVI J. N.	
NESS, JOHN A.	2,201,951	PELLICCIARI, ROBERTO	2,087,298		2,101,648
NEUBAUER, GERALD	2,096,712	PELLY, BRIAN R.	2,110,020	SASAKI, TAKUMA	2,079,413
NEVIN, ROBERT S.	2,129,626	PERRELLA, GUIDO	2,083,082	SATO, MANABU	2,059,383
NIINO, YOSHIKO	2,290,712	PETERSEN, HANS	2,360,287	SAUTER, KENNETH E.	2,314,411
NISHIMORI, YASUSHI	2,117,432	PETTMAN, ALAN JOHN	2,228,655	SCA HYGIENE PRODUCTS	
NISHINAKA, NOBORU	2,237,965	PFIZER INC.	2,263,566	AKTIEBOLAG	2,117,342
NISHIO, KOJI	2,192,261	PFIZER RESEARCH AND		SCHLUMBERGER SEISMIC	
NISHIYAMA, TOSHIHIKO	2,277,411	DEVELOPMENT		HOLDINGS LIMITED	2,147,891
NOFRE, CLAUDE	2,187,901	COMPANY, N.V./S.A.	2,228,655	SCHMELZLE, LLOYD M.	2,055,607
NOHMA, TOSHIYUKI	2,192,261	PHANEUF, MICHAEL	2,370,766	SCHMETS, GERARD HUB	
NOLL, HARRY C., JR.	2,368,032	PHILLIPSON, J. DAVID	2,183,155	FRANS	2,179,191
NOLTE, HUBERT	2,204,689	PLASTIC OMNIUM GMBH	2,255,530	SCHMITKONS, JAMES W.	2,057,956
NORDSON CORPORATION	2,057,956	PLESKO, GEORGE A.	2,121,332	SCHNEERSON, RACHEL	2,101,648
NORRIS, ROGER PHILIP	2,123,656	POMPLUN, WILLIAM SEAL	2,116,952	SCHNEIDER, CHRISTOPH	2,183,155
NORTEL NETWORKS		POMPLUN, WILLIAM SEAL	2,117,219	SCHROEDER, WEN ZYO	2,117,219
LIMITED	2,244,298	POPP, FRANZ	2,146,270	SCHUPAK, LEONARD	2,250,900
NORTEL NETWORKS		POSCHADEL, WERNER	2,089,524	SCHWEDLER, NORBERT	2,204,689
LIMITED	2,249,141	PQ HOLDING, INC.	2,044,174	SCOTT TECHNOLOGIES, INC.	
NORTHEASTERN		PRAXAIR TECHNOLOGY,			2,227,701
UNIVERSITY	2,109,933	INC.	2,307,506	SEDLMEIER, ANDREAS	2,146,270
NORTMAN, BRIAN KEITH	2,116,952	PRAXAIR TECHNOLOGY,		SERA, TAKAFUMI	2,277,229
NORTMAN, BRIAN KEITH	2,117,219	INC.	2,325,754	SERVI, LESLIE D.	2,098,194
NOVARTIS AG	2,057,291	PRICE, RICHARD P.	2,057,956	SHAH, MINISH MAHENDRA	2,307,506
NOVARTIS AG	2,084,214	PRIESTER, CLAUS-ULRICH	2,096,712	SHAH, MINISH MAHENDRA	2,325,754
NOVE, MARIE-CLAUDE	2,059,081	PROBST, WERNER	2,255,530	SHANKLAND, IAN ROBERT	2,251,093
NUTECH ENERGY SYSTEMS		QUON, WYNN	2,180,685	SHARP KABUSHIKI KAISHA	2,237,965
INC.	2,306,011	REAMEY, ROBERT H.	2,131,804	SHAW, SANDRA ANNE	2,257,286
NYFFENEGGER, DAVID P.	2,368,032	REID, LELAND WALLACE	2,128,417	SHIBATA, TOMOYUKI	2,079,413
OHSHITA, YOSHIHIRO	2,290,712	REMY, CHRISTOPHE	2,233,262	SHIGETA, SEIKO	2,062,105
OHTA, REIKO	2,139,937	REPCZUK, ALEXANDER	2,113,170	SHIMBORI, TAKATERU	2,276,842
OKA, SATORU	2,062,105	REVD NETWORKS, INC.	2,300,653	SHIMIZU, SEIICHI	2,139,937
OKADA, SHINAKO	2,277,411	RHODIA ENGINEERING		SHIMKUS, JOHN	2,135,040
OKAMURA, YUSAKU	2,270,774	PLASTICS S.R.L.	2,295,954	SHIN CATERPILLAR	
OKLAHOMA MEDICAL		RICHTER, SIMON J.	2,179,388	MITSUBISHI LTD.	2,185,722
RESEARCH		RICOS CO., LTD.	2,109,490	SHOJI, YOSHIHIRO	2,192,261
FOUNDATION	2,108,282	RINDOKS, KURT	2,192,879	SIA S.R.L.	2,094,940
OLTHAUS, HANS	2,329,266	RIPPL, CARL GERARD	2,116,952	SIEGRIST, ERIC	2,131,710
ONE WORLD		RIPPL, CARL GERARD	2,117,219	SIEMENS, JOHN	2,095,991
TECHNOLOGIES		RITZ, JOSEF	2,096,712	SKF USA INC.	2,309,651
LIMITED	2,086,329	RIZVI, SYED Q. A.	2,102,650	SKOLL, DAVID F.	2,370,766
ONO, KAZUHISA	2,062,105	ROBBINS, JOHN B.	2,101,648	SKYEPHARMA INC.	2,304,096
ONO, TOMOAKI	2,185,722	ROBINSON, MARK LOUIS	2,116,952	SLADE, ROBERT A.	2,362,473
ORSINGER, WINSTON A.	2,368,032	ROBINSON, MARK LOUIS	2,117,219	SMITH, RICHARD A.	2,235,787
OSBORN, THOMAS WARD III	2,276,487	ROGERS, AARON M.	2,257,286	SNIDER, WILLIAM DOUGLAS	
O'SHAUGHNESSEY,		ROMAN, FRANCOIS	2,037,114		2,100,524
PATRICK	2,244,298	ROSTIK, LIBOR F.	2,055,607	SOCIETE DE PROSPECTION	
OSI SPECIALTIES, INC.	2,222,062	ROTELEC	2,059,081	ET D'INVENTIONS	
OSTDIEK, STEPHEN D.	2,261,101	ROTH, CHRISTOPH	2,255,530	TECHNIQUES S.P.I.T.	2,265,264
OSTERDAHL, EJE	2,117,342	RSKB	2,235,787	SONOCO DEVELOPMENT,	
OTANI, KOHEI	2,059,383	RUF, GUNTER	2,091,705	INC.	2,268,577
OTSUKA PHARMACEUTICAL		RUTKOWSKI, MICHAEL J.	2,228,868	SONY CORPORATION	2,111,021
CO., LTD.	2,139,937	RYMAN, KATHERINE D.	2,057,291	SPEASL, JERRY ALAN	2,250,900
OTTO, RICKY DAVID	2,227,352			SPECTRA, INC.	2,263,783

**Index des brevets canadiens délivrés
9 septembre 2003**

SPERONI, FRANCO	2,295,954	THE REGENTS OF THE		WEAVER, EDMUND	
SPERTINI, SEVERINO	2,092,577	UNIVERSITY OF		ALOYSIOUS JR.	2,085,838
SPRANG, TROY ALAN	2,116,609	CALIFORNIA	2,138,026	WEBER, ECKARD	2,138,026
SPRINGER, RICHARD E.	2,283,555	THE UNITED STATES OF		WEBER, RALPH JOHANNES	2,128,417
SRINIVASAN,		AMERICA,		WELLER, HORST	2,113,170
VIJAYARAGHAVAN	2,307,506	REPRESENTED BY THE		WELSH, LAURENCE	2,131,804
STANCZYK, DANIEL	2,139,577	SECRETARY,		WENMEC SYSTEMS OY	2,176,083
STANFILL, CRAIG W.	2,288,892	DEPARTMENT O F		WHITTEN, JEFFREY P.	2,036,770
STATE OF OREGON, ACTING		HEALTH AND HUMAN		WICH, GUNTER	2,145,630
BY AND THROUGH THE		SERVICES	2,183,155	WIDEX A/S	2,341,255
OREGON STATE BOARD				WIDLUND, URBAN	2,117,342
OF HIGHER EDUCATION,		TIJANIC, VESO S.	2,170,842	WILLIAMS, ALAN D.	2,268,577
ACTING FOR AND ON		TIMPERMAN, GEORGES	2,183,155	WILLIAMS, L. LLOYD	2,300,653
BEHALF OF THE		TINTI, JEAN-MARIE	2,187,901	WILLKENS, CRAIG A.	2,277,994
OREGON HEALTH		TIOXIDE GROUP SERVICES		WILSON, JOHN M.	2,085,230
SCIENCES UNIVERSITY		LIMITED	2,099,041	WINDERS, MICHAEL W.	2,261,101
AND THE UNIVERSITY		TOBA, MASAMICHI	2,139,937	WITT, REINHARD H.	2,044,174
OF OREGON	2,138,026	TODA, HIROAKI	2,059,383	WOJTOWICZ, JANUSZ	2,131,804
STEINHAUSER, LOUIS P.	2,306,804	TODD, PATRICIA R.	2,100,215	WRONSKI, ZBIGNIEW S.	2,329,410
STIEBEL ELTRON GMBH &		TOMITA, AKIRA	2,131,804	YABLONG, JUDITH M.	2,238,099
CO. KG	2,204,689	TOTTEN, KEVIN J.	2,179,388	YAMADA, KENSHIN	2,277,229
STOCKWELL, COLIN	2,201,751	TOYOTA JIDOSHA		YAMAMOTO, TAKAHISA	2,354,099
STOSSEL, THOMAS P.	2,142,121	KABUSHIKI KAISHA	2,299,933	YAMASAKI, MIKIYA	2,192,261
STRAIN, JAMES	2,131,804	TOZAWA, SHOJI	2,185,722	YARBROUGH, SANDRA	
SUGIOKA, TAKAO	2,059,383	TRANSPO, INC.	2,301,098	MARIE	2,116,952
SUGITANI, HIROSHI	2,253,015	TRIS INC.	2,289,419	YARBROUGH, SANDRA	
SUMITOMO ELECTRIC		TSUMURA, MIHOJI	2,109,490	MARIE	2,117,219
INDUSTRIES, LTD.	2,189,934	TYCO ELECTRONICS		YASUNAGA, KAZUTOSHI	2,355,975
SWEET, DAVID EUGENE	2,144,547	CORPORATION	2,131,804	YAZAKI, AKIRA	2,290,712
SWORD, RANDALL JAY	2,227,701	UCHIYAMA, SHIGETO	2,139,937	YOSHIDA, MASAKI	2,183,834
SYNGENTA CROP		UNICAST TECHNOLOGIES		YOSHIDA, SHOUSEI	2,243,133
PROTECTION, INC.	2,146,131	INC.	2,083,082	YOSHIHAMA, MAKOTO	2,248,953
TACHICK, HENRY N.	2,110,020	UNILEVER PLC	2,201,751	YOSHIKAWA, NOBORU	2,289,419
TAHARA, KATSUMI	2,111,021	UNITED STATES OF		YOSHIOKA, TAKASHI	2,117,432
TAKAGI, TETSUO	2,059,383	AMERICA AS		YOST, KEVIN G.	2,238,099
TAKAHASHI, TETSUYA	2,061,229	REPRESENTED BY THE		YUAN, LIN	2,037,114
TANZER, RICHARD WARREN		SECRETARY,		ZAZULAK, WOLODYMYR I.	2,083,313
		DEPARTMENT OF		ZECHNER, KURT	2,084,214
		HEALTH AND HUMAN		ZENKER, DAVID LOUIS	2,116,952
TANZER, RICHARD WARREN	2,116,952	SERVICES	2,101,648	ZENKER, DAVID LOUIS	2,117,219
		UNIVERSITY OF DAYTON	2,033,578	ZOLLER, GERHARD	2,130,174
		USALA, ANTON-LEWIS	2,239,498		
TATEYAMA, SEIJI	2,412,896	USHIROKAWA, AKIHISA	2,243,133		
TEIJIN LIMITED	2,183,412	VAN HOFWEGEN, LLOYD	2,066,843		
TEKNION FURNITURE		VANDE HAAR, EVAN R.	2,261,101		
SYSTEMS LIMITED	2,095,471	VARATTA, THOMAS			
TERRALOG TECHNOLOGIES		ROBERT	2,254,472		
INC.	2,216,045	VELLINGA, SJOERD			
TERRALOG TECHNOLOGIES		HUBERTUS JOZEF	2,135,897		
USA, INC.	2,216,045	VERAJANKORVA, JANNE	2,229,431		
TEXACO DEVELOPMENT		VINCI, JAMES N.	2,100,215		
CORPORATION	2,339,468	VINCI, JAMES N.	2,102,650		
THE BABCOCK & WILCOX		WADA, TAKESHI	2,062,105		
COMPANY	2,284,854	WAKUNAGA			
THE BRIGHAM AND		PHARMACEUTICAL CO.,			
WOMEN'S HOSPITAL	2,142,121	LTD.	2,290,712		
THE DALLAS GROUP OF		WALKER, DAVID J.	2,284,854		
AMERICA, INC.	2,219,670	WALTON, DAVID S.	2,146,131		
THE LUBRIZOL		WAMPRECHT, CHRISTIAN	2,091,705		
CORPORATION	2,100,215	WARTENBERG, MARK F.	2,131,804		
THE LUBRIZOL		WATANABE, MASATOSHI	2,272,423		
CORPORATION	2,102,650	WATANABE, MICHIKO	2,193,915		
THE PROCTER & GAMBLE		WATANABE, TAISUKE	2,355,975		
COMPANY	2,165,691	WATLOW ELECTRIC			
THE PROCTER & GAMBLE		MANUFACTURING			
COMPANY	2,276,487	COMPANY	2,306,804		

**Index of Canadian Patents Issued
September 9, 2003**

Index of Canadian Laid-Open Applications

August 17, 2003 - August 23, 2003

Index des demandes canadiennes mises à la disponibilité du public

17 août 2003 - 23 août 2003

ABBOTT, BOB	2,419,694	BLAZEK, JAMES A.	2,419,694	CERTAINTTEED	
ABEL, JOE	2,372,829	BLOCH, RICARDO A.	2,419,350	CORPORATION	2,420,112
ABETA, SADAYUKI	2,419,263	BLUHMKI, ERICH	2,372,708	CERTAINTTEED	
ACCADIA, PAUL S.	2,372,845	BMH CHRONOS		CORPORATION	2,420,114
AIRBUS FRANCE	2,418,476	RICHARDSON GMBH	2,419,197	CHADBOURNE,	
AISIN KAKO KABUSHIKI		BOEHRINGER INGELHEIM		CHRISTOPHER G.	2,417,069
KAISHA	2,419,517	INTERNATIONAL GMBH	2,372,708	CHAE, JANG JIN	2,419,312
ALENIA AERONAUTICA		BOEHRINGER INGELHEIM		CHARLEBOIS, STEVEN	
S.P.A.	2,417,072	INTERNATIONAL GMBH	2,372,785	JAMES	2,419,326
ALFONSI, SATURNIN	2,418,489	BOEHRINGER INGELHEIM		CHIN, RICHARD	2,372,708
ALSTOM	2,418,489	ITALIA S.P.A.	2,372,708	CHIOVITTI, DOMENICO	2,372,816
ALUMA ENTERPRISES INC.	2,372,358	BOEHRINGER INGELHEIM		CHOI, SUNG-HO	2,419,005
ANDERSSON, CRAIG	2,372,785	PHARMA KG	2,372,708	CHOLINSKI, ANDRZEJ	2,419,094
ANGELO PO GRANDI		BOEHRINGER INGELHEIM		CHRISTOPH, ERICH	2,419,324
CUCINE S.P.A.	2,419,364	PHARMACEUTICALS		CIDON, ISRAEL	2,412,259
ANTAKI, JAMES	2,418,767	INC.	2,372,708	COAST SPAS	
AOYAMA, HIROSHI	2,405,929	BOMGAARS, GREGORY JAY	2,397,122	MANUFACTURING INC.	2,414,836
ARGUS MACHINE CO. LTD.	2,372,760	BORZELLECA, DAVID	2,418,767	COLLINS, JASON D.	2,382,736
ARMSTRONG, PAUL	2,372,708	BOYLE, KRISTIN ANN	2,416,405	COLLOREC, LUC	2,418,476
ARNE, JOHN R.	2,415,540	BRAUER, WOLFGANG	2,420,191	CONEMATIC HEATING	
ARNELL, EDWARD ROY	2,419,415	BRIX, SUSANNE	2,419,262	SYSTEMS INC.	2,372,312
AT&T CORP.	2,418,852	BUCKHORN INC.	2,419,511	CONVOTHERM	
ATARASHI, HIROYUKI	2,419,263	BUEERMANN, MARTIN	2,418,867	ELEKTROGERATE	
AVENTIS		BULATOVIC, SRDJAN	2,415,988	GMBH	2,419,364
PHARMACEUTICALS		BURG, FREDERICK MURRAY		CORDIS CORPORATION	2,419,664
PRODUCTS INC.	2,372,708		2,418,852	COREL CORPORATION	2,372,778
BABA, NOBORU	2,419,018	BURGREEN, GREG	2,418,767	COURNOYER, ALAIN	2,372,637
BABCOCK & WILCOX		BURSLEM, MARTYN FRANK	2,418,930	COWGILL, SCOTT	2,372,340
CANADA LTD.	2,413,912	BUSHELL, TIMOTHY		D'ADDICO, ALEXANDER D.	2,372,535
BAILEY, GEORGE M.	2,415,540	GEORGE	2,419,515	D'ADDICO, ALEXANDER D.	2,372,538
BAILLARGEON, RODRIGUE	2,372,506	BUSSHOF, MARIO	2,416,841	DAIFUKU CO., LTD.	2,418,192
BAKER HUGHES		CANESSA, JOHN CHARLES	2,418,997	DAIHEN CORPORATION	2,420,120
INCORPORATED	2,419,458	CANTIN, DANIEL	2,372,637	DART INDUSTRIES INC.	2,417,303
BAKER, DEREK	2,372,360	CAPONE, CHRISTOPHER D.	2,418,767	DAS, SWAPAN	2,372,360
BAKER, DEREK	2,419,325	CARL FREUDENBERG KG	2,419,324	DAS, SWAPAN	2,419,325
BAKER, ROBERT LEROY	2,419,165	CARRIER CORPORATION	2,418,425	DAVIES, MICHAEL E.	2,372,399
BARNETT, KEVIN J.	2,371,697	CARRIGAN, CHRISTOPHER		DAY INTERNATIONAL, INC.	2,416,841
BARRON, HAL	2,372,708	A.	2,417,614	DE LA RUE INTERNATIONAL	
BAUER, SANDRA	2,413,672	CARRIGAN, ERWIN R.	2,417,614	LIMITED	2,419,190
BAYER		CASSAN, HENRI	2,418,476	DEAN, JULIA RUTH	2,419,190
AKTIENGESELLSCHAFT	2,420,191	CATENA NETWORKS		DECKER, DIDIER	2,416,806
BEANE, THOMAS F.	2,379,000	CANADA INC.	2,373,203	DEERE & COMPANY	2,418,867
BECKER, ALLAN JAMES	2,372,358	CATENA NETWORKS		DEERE & COMPANY	2,419,520
BEDARD, MARC	2,372,628	CANADA INC.	2,373,211	DEGREE, DAVID CAMERON	2,418,997
BEDARD, MARC	2,414,564	CATENA NETWORKS		DENNIS, JIM	2,372,412
BEDARD, PAUL	2,372,255	CANADA INC.	2,373,214	DESCHNER, BERNARD K.	2,372,312
BEECH, STEPHEN A.	2,372,399	CENTRE DE RECHERCHE DU		DETROIT DIESEL	
BEIJBOM, PETER	2,390,763	CENTRE HOSPITALIER		CORPORATION	2,418,178
BELETSKY, ILYA	2,418,345	DE L'UNIVERSITE DE		DEVINE, CLIFFORD	
BERIOLI, SILVANO	2,372,708	MONTREAL	2,372,316	WILLIAM	2,419,417
BESWICK, WILLIAM J.	2,373,003	CERRI, JOSEPH F., III	2,417,814	DEWEY, CHARLES H.	2,417,318
BHATTACHARJEE, SUDIP	2,372,267	CERTAINTTEED		DI LUCA, GIUSEPPE	2,419,234
BIGONZI, FREDERIQUE	2,372,708	CORPORATION	2,418,931	DIELLE S.R.L.	2,419,234
BIOSENSE, INC.	2,418,345	CERTAINTTEED		DOI, TOSHIMITSU	2,420,120
BIRNBAUM, ULRICH	2,416,743	CORPORATION	2,418,932	DUDRA, BRIAN	2,372,402

Index of Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

DUNLAP, EDWARD DARL	2,419,167	GRANGER, CHRISTOPHER	2,372,708	ISHIKAWAJIMA-HARIMA	
DWORZAN, WILLIAM S.	2,418,827	GREEN, RICHARD		HEAVY INDUSTRIES	
DZIWAK, ZYGMUNT	2,372,358	JONATHAN	2,372,849	CO., LTD.	2,418,492
E.I. DU PONT DE NEMOURS		GRIGGS, STEVEN H.	2,417,614	IWATSUKI, KATSUMI	2,419,357
AND COMPANY	2,416,806	GRITAL GROUP (ANSTALT)	2,419,045	IWI LTD.	2,372,648
EATON CORPORATION	2,419,207	GUCKERT, JOSEPH R.	2,416,806	J & R ENGINEERING	
ED. GEISTLICH SOEHNE AG		GUIRGIS, SAMEH	2,372,267	COMPANY, INC.	2,419,211
FUER CHEMISCHE		HACK, MICHAEL	2,419,693	JAMES, MARK C.	2,419,458
INDUSTRIE	2,419,620	HAGEMAN, ROBERT	2,418,425	JANES, GREGORY	2,419,707
EDELMANN, DIRK	2,413,672	HAMILTON, KEITH	2,417,054	JAPAN AVIATION	
EDMONDS, JONATHAN A.	2,418,866	HANEY, DARALE G.	2,399,352	ELECTRONICS	
EGGELING, EVA BRIGITTE	2,420,191	HANSON, JEFFERY G.	2,372,878	INDUSTRY LIMITED	2,418,575
EJIMA, HIDEHIRO	2,405,929	HARROW, IAN DENNIS	2,418,930	JAYANATH, KUMAR	
ELKINGTON, DONALD		HARTLEY, ROLFE J.	2,419,350	GOPALAN	2,419,694
ALFRED	2,414,836	HAWKEYE CONCRETE		JENKINS, TIM	2,373,203
ELLETT, JAMES RICHARD	2,372,760	PRODUCTS CO.	2,387,308	JIANG, JIAREN	2,372,410
ELLIS, JAMES	2,370,841	HAWKINS, MICHAEL	2,419,326	JOHANSSON, NIKLAS	2,390,763
EMERSON POWER		HEDSON TECHNOLOGIES AB		JOHNSTON, ROGER L.	2,419,211
TRANSMISSION	2,417,614		2,390,763	KADOTA, KENICHI	2,392,656
EMSLIE, GRANT C.	2,373,329	HEFLIN, CHAD E.	2,414,810	KAKUHIRO CO., LTD	2,372,744
ERDRICH BETEILIGUNGS		HEIDINGSFELD, HERBERT	2,420,191	KANE, VINCENT MICHAEL	2,419,335
GMBH	2,419,195	HEILMAN, MARTIN S.	2,418,767	KASVAND, TONIS	2,419,307
ESSELBORN, EBERHARD	2,413,672	HEINL, GEORG	2,419,693	KATAYAMA, MASARU	2,418,923
EUMURIAN, GREGOIRE	2,418,786	HENRY, JEAN-PAUL	2,372,551	KATO, HISASHI	2,419,517
EVANS, ALFRED PETER	2,419,165	HENZLER, GREGORY		KAUFMANN, SERGE	2,418,783
FABRIK, JOHN	2,372,252	WILLIAM	2,419,165	KAWABUCHI, YOSHINORI	2,418,534
FARMER, BRIAN	2,418,425	HETHUIN, SERGE	2,418,786	KAYNE, JEFFREY	2,400,127
FAS INDUSTRIES, INC.	2,372,369	HIGASHIURA, KUNIIHIKO	2,419,665	KEMPF, BERND	2,419,520
FCI AMERICAS		HILBRICH, LUTZ	2,372,785	KITAKA, SHIGEO	2,419,235
TECHNOLOGY, INC.	2,372,849	HILL, NORMAN M.	2,372,818	KITTLE, GEORGE THOMAS	2,419,167
FCI AMERICAS		HILTI		KNUTSON, SCOTT WILLIAM	2,389,185
TECHNOLOGY, INC.	2,417,069	AKTIENGESELLSCHAFT	2,416,743	KOCKENTIEDT, MICHAEL	2,416,841
FERENCZY, MIKLOS	2,372,263	HITACHI, LTD.	2,405,929	KOCON, LAWRENCE JOHN	2,418,997
FETCHKO, ERIC BERTRAND	2,372,402	HITACHI, LTD.	2,419,018	KOLENIK, STEVE A.	2,418,767
FIBER KING, LLP DBA KING		HOFER, THOMAS	2,418,409	KONISHI, YUKARI	2,419,665
FIBRE CORPORATION	2,419,694	HOOE, THOMAS	2,418,534	KOREA ALPHALINE CO. LTD.	
FICKER, PAUL J.	2,419,511	HOOE, THOMAS	2,418,534		2,419,072
FILES, EDMEE	2,418,409	HOLMES, JOHN A.	2,418,767	KOTSONIS, PETER F.	2,417,303
FINCH, TERRY	2,419,707	HOMNER, BERNHARD	2,419,339	KOYO, HIROTAKA	2,419,683
FINCO, ALAN	2,418,696	HOPPE, HANS-GEORG	2,420,191	KOZAROVA, ANNA	2,372,412
FISHER & PAYKEL		HORN, LIOR	2,412,259	KRAFT FOODS HOLDINGS,	
HEALTHCARE LIMITED	2,419,390	HORVATH, STEVE	2,419,307	INC.	2,419,356
FOLADARE, MARK JEFFREY	2,418,852	HOSCHKE, MARKUS	2,413,672	KROMIS, PETER J.	2,417,814
FORD, BRIAN W.	2,372,345	HOWARD, JERRY W.	2,419,326	KURARAY CO., LTD.	2,418,532
FRANKEL, HUGH	2,372,917	HOWLAND, PAUL	2,419,190	KUSHNER, JEFF	2,372,360
FRECHETTE, JULIE	2,372,637	HSIAO, TUNG-HAI	2,418,852	KUSHNER, JEFF	2,419,325
FRITIG, BERNARD	2,418,783	HUANG, XIAOLIN	2,397,880	KUSUYAMA, SATOSHI	2,372,648
FUCHS, TIMOTHY J.	2,419,086	HUDSON, JOHN	2,372,412	KUTTEL, HEINRICH	2,419,094
FUJIWARA, MASAMICHI	2,419,357	IBM CANADA LIMITED-IBM		KWAK, YONG-JUN	2,419,005
FURUKAWA, KAZUHITO	2,419,665	CANADA LIMITEE	2,372,551	KWAN, LOUIE	2,373,211
GAN, HONG	2,419,212	IBM CANADA LIMITED-IBM		L-3 COMMUNICATIONS	
GAOUILLE, REJEAN M.	2,372,551	CANADA LIMITEE	2,372,891	CORPORATION	2,419,523
GARASSINO, LUCA	2,418,696	ILLINOIS TOOL WORKS INC.	2,414,810	LABORATOIRES GOEMAR	
GARCEAU, BERNARD F.	2,382,736	ILLINOIS TOOL WORKS INC.	2,417,054	S.A.	2,418,783
GAY, FARRAL D.	2,419,458	IMAJUKU, WATARU	2,418,923	LANDREVILLE, JEAN-LUC L.	2,372,551
GAZIER, MICHAEL	2,373,203	INFINEUM INTERNATIONAL		LANFEAR, JEREMY	2,418,930
GEISTLICH, PETER	2,419,620	LIMITED	2,419,350	LAWSON, BRIAN JOHN	
GENENTECH, INC.	2,372,708	ING. MILIA & C. S.R.L.	2,419,217	GEORGE	2,407,135
GERNA, LESLIE	2,372,916	INNOVA PATENT GMBH	2,409,582	LEDINEK, GREGOR	2,406,819
GIRAUDO, MICHEL	2,418,786	INSTITUT NATIONAL		LEDINEK, PAVEL	2,406,819
GLYDE, ROGER W.	2,419,350	D'OPTIQUE	2,372,637	LEE, JU-HO	2,419,005
GODSE, DHANANJAY	2,373,211	INTIER AUTOMOTIVE EYBL		LEE, JULIAN	2,419,215
GODSE, DHANANJAY	2,373,214	INTERIORS GMBH	2,419,324	LEE, KOOK-HEUL	2,419,005
GOLDSCHMIDT AG	2,413,672	INVENTIO AG	2,419,094	LEE, WON HEE	2,419,312
GOTOU, KAZUO	2,405,929	IN-WELL TECHNOLOGIES,		LEFAVOUR, JOHN D.	2,417,069
GOVARI, ASSAF	2,418,345	INC.	2,419,395	LEFLEIN, RONALD	2,372,535

Index des demandes canadiennes mises à la disponibilité du public

17 août 2003 - 23 août 2003

LEFLEIN, RONALD	2,372,538	MUTZKE, RICHARD	2,372,778	PHILLIPS, STEPHEN	
LEGRAND S.P.A.	2,418,696	NAKAMURA, KAZUHIKO	2,419,517	CHARLES	2,418,930
LEUNG, GENIE CHUNG CHI	2,372,412	NAKAZAWA, TATSUHIRO	2,419,235	PLANTE, SYLVAIN	2,372,637
LEVESQUE, MARC	2,372,637	NARA, MASATOSHI	2,419,235	PLATT, WILLIAM J.	2,407,362
LEWIS, MICHAEL L.	2,417,614	NATH, SUBHRA K.	2,416,806	PLATTEEUW, ANTHONY M.	2,372,878
LG ELECTRONICS INC.	2,419,312	NATIONAL RESEARCH		PRAXAIR TECHNOLOGY,	
LINK, GUNTHER	2,413,672	COUNCIL CANADA	2,372,410	INC.	2,419,165
LITOU, MARIN	2,372,891	NATIONAL RESEARCH		PREM, EDWARD K.	2,418,767
LITTLE, BRIAN P.	2,416,806	COUNCIL OF CANADA	2,419,707	PROTEIN TECHNOLOGIES	
LIU, KUN-CHUNG	2,372,838	NEC COMPOUND		INTERNATIONAL, INC.	2,397,880
LIU, XING YANG	2,372,410	SEMICONDUCTOR		PUCINI, GEREMIA	2,417,072
LIVI, FRANCESCO	2,417,072	DEVICES, LTD.	2,419,233	PUCYK, ANDRE JOSEPH	2,419,167
LONG MANUFACTURING		NEC TOKIN CORPORATION	2,419,570	RAGSDALE, RANDALL W.	2,419,207
LTD.	2,372,399	NENOV, NENO TODOROV	2,419,165	RAMILLON, PIERRE	2,418,476
LORD, JOHN RAYMOND	2,419,112	NEXANS	2,419,262	RAUTE OYJ	2,418,590
LOUIE, GARY	2,419,215	NICHOLS, GEOFF	2,373,211	REDON, FABIEN G.	2,418,178
LUND, KENNETH JOHN	2,417,054	NICHOLS, GEOFF	2,373,214	REFLEX ADVANCED	
LUU, LIONEL V.	2,419,514	NIPPON SHEET GLASS CO.,		MARINE CORP.	2,372,386
MAATTA, PASI	2,372,354	LTD.	2,419,235	REID, ROBERT	2,372,778
MANABE, HARUHIKO	2,420,120	NIPPON SHEET GLASS CO.,		REVERBERI, GIORGIO	2,419,118
MANICARDI, DARIO	2,419,364	LTD.	2,419,683	RIEFENSTEIN, LUTZ	2,419,364
MARENNE, PHILIPPE	2,419,693	NIPPON SHEET GLASS CO.,		RIETZ, ANDREAS	2,419,262
MARIN, ROBERT ANTHONY	2,416,806	LTD.	2,419,684	ROBSON, ROBERT	2,419,350
MARSHALL, LARRY R.	2,416,806	NIPPON TELEGRAPH AND		ROHRIG, WOLFGANG	2,420,191
MARTIN, MICHAEL A.	2,372,399	TELEPHONE		ROYER, ANDRE	2,372,260
MASUDA, HARUHISA	2,418,532	CORPORATION	2,418,923	RUMBOLD, DUNCAN JAMES	2,419,390
MATHEW, BONEY A.	2,419,369	NIPPON TELEGRAPH AND		S/R INDUSTRIES, INC.	2,418,827
MATHSON INDUSTRIES	2,419,369	TELEPHONE		SAKAGUCHI, KOICHI	2,419,684
MATSUMURA, KAZUYUKI	2,392,656	CORPORATION	2,419,357	SAMSUNG ELECTRONICS	
MATSUMURA, TAMOTSU	2,418,534	NIPPON ZOKI		CO., LTD.	2,419,005
MAXWELL, JOHN T., III	2,419,105	PHARMACEUTICAL CO.,		SASAKI, HIROSHI	2,419,570
MAYER, YARON	2,419,120	LTD.	2,419,665	SAWAHASHI, MAMORU	2,419,263
MAYTAG CORPORATION	2,415,511	NISHI, KAZUYA	2,419,018	SCHAUBER, THOMAS	2,419,324
MCGARRY, PHILIP	2,407,135	NIXON, JOHN	2,372,291	SCHERRMAN, BRETT TRACY	
MCINTYRE, JONOTHON T.	2,372,340	NOCK, KLEMENS	2,419,195	SCHLOSSER, WERNER	2,416,841
MEDPOINTE HEALTHCARE,		NONOYAMA, AKIRA	2,419,517	SCHMIDGALL, JON A.	2,419,197
INC.	2,372,535	NORCO INDUSTRIES, INC.	2,382,736	SCHMIDGALL, RONALD D.	2,387,308
MEDPOINTE HEALTHCARE,		NORIMATSU, TOSHIHIDE	2,418,575	SCHMIT, NICO	2,416,806
INC.	2,372,538	NORMAN, CHRISTIAN	2,390,763	SCHWARTZ, CHARLES	
MENABUONI, LUCA	2,372,731	NOWOBILSKI, JEFFERT JOHN		STEVEN	2,416,806
MENARD, ROZENN	2,418,783		2,419,165	SCHWARZ VERBINDUNGS-	
MEYERS, KENNETH A.	2,419,395	NTT DOCOMO, INC.	2,419,263	SYSTEME GMBH	2,419,339
MILIA, SALVATORE	2,419,217	O'CONNELL, DANIEL NEIL	2,419,417	SCHWARZ, HELMUT	2,419,339
MILLER, DANIEL R.	2,419,511	OGINO, TAKASHI	2,419,665	SCOZZAFAVA, ANDREA	2,372,731
MINCIONE, FRANCESCO	2,372,731	OKI, EIJI	2,418,923	SEARER, FLOYD A.	2,372,369
MINO, KAZUAKI	2,418,492	OLUGBENGA, AYINDE	2,372,868	SEARS, JEFFREY L.	2,415,511
MITEL KNOWLEDGE		OOHARA, KAZUHIRO	2,419,166	SEGE, PETER	2,372,839
CORPORATION	2,419,112	OWENS-ILLINOIS CLOSURE		SEILER, THOMAS	2,372,399
MITEL KNOWLEDGE		INC.	2,419,086	SENDALL, RICHARD	2,372,360
CORPORATION	2,419,167	OXLEY DEVELOPMENTS		SENDALL, RICHARD	2,419,325
MITEL KNOWLEDGE		COMPANY LIMITED	2,419,515	SEO, MYEONG-SOOK	2,419,005
CORPORATION	2,419,307	OYA, KAZUAKI	2,419,235	SHEMTOV, HADAR	2,419,105
MITEL KNOWLEDGE		PACUSMA COMPANY		SHER, TAK CHI	2,372,379
CORPORATION	2,419,596	LIMITED	2,419,514	SHIOMOTO, KOHEI	2,418,923
MODERA, MARK PETER	2,418,425	PADEN, BRAD	2,418,767	SICHERI, FRANK	2,372,412
MONTMINY, ARMAND T.	2,417,069	PALMA, FLORENCIO NETO	2,372,776	SILBER, STEFAN	2,413,672
MOORE, DANIEL R..	2,418,767	PARISI, CARL M.	2,418,767	SIMOES RE, ANTONIO	2,419,707
MOORE, KEVIN	2,417,054	PARK, JOON-GOO	2,419,005	SIRAGUSA, GEORGE	2,414,810
MORI, SHIGEO	2,419,517	PATENT-TREUHAND-		SKREPNEK, ANDY	2,372,829
MORIMOTO, KEIKI	2,420,120	GESELLSCHAFT FUR		SKROTZKI, ROY	2,372,856
MOTRO, PASCAL	2,418,489	ELEKTRISCHE		SLAUNWHITE, DONALD	2,372,778
MOTTAHEDEH, SOHEYL	2,372,389	GLUHLAMPEN MBH	2,419,441	SLEIGHT, PETER	2,372,785
MOUNT SINAI HOSPITAL	2,372,412	PEDDE, BURKHARD	2,419,693	SMART TECHNOLOGIES INC.	
MUHLFELD, HORST	2,419,324	PELLETIER, ALAIN	2,372,281		2,372,868
MULLER, FRIEDRICH	2,419,262	PFIZER INC.	2,418,930		
MURPHY, C. SHAWN	2,416,405	PHARAND, SYLVAIN	2,372,551		

Index of Canadian Laid-Open Applications
August 17, 2003 - August 23, 2003

SMITH INTERNATIONAL, INC.	2,417,318	TYCO ELECTRONICS CORPORATION	2,419,335	YAMAMOTO, AKIRA	2,392,656
SMITH, DOUGLAS W.	2,372,312	ULTRA-HATCH, INC.	2,417,342	YAMAZAKI, HIROYUKI	2,419,233
SMITH, MICHAEL R.	2,418,671	UNIVERSITY OF PITTSBURGH	2,418,767	YAO, SHUYUAN	2,370,841
SOFRANKO, RICHARD A.	2,418,767	VAN DE WERF, FRANS	2,372,708	YI, KYONG-MI S.	2,373,845
SPANGLER, J. ERIC	2,419,694	VANDEVIER, JOSEPH E.	2,419,458	YONEYA, MAKOTO	2,418,192
SPRAYTEX, INC.	2,419,637	VAREL, EDWARD A.	2,373,003	YOSHII, SHIGEKAZU	2,419,684
STARKEY, MICHAEL	2,372,891	VASCOR, INC.	2,418,767	YUSUF, SALIM	2,372,785
STEFFES, STEPHEN W.	2,418,931	VIETCH, BRIAN JOSEPH	2,419,707	YVIN, JEAN-CLAUDE	2,418,783
STEFFES, STEPHEN W.	2,418,932	VILO, JAAKKO	2,418,590	ZADRA, LAWRENCE	2,418,827
STEFFES, STEPHEN W.	2,420,112	VIOLA NETWORKS LTD.	2,412,259	ZEIBIG, UWE	2,419,195
STEFFES, STEPHEN W.	2,420,114	VOMELA SPECIALTY COMPANY, INC.	2,418,997	ZENG, XIAOQING SUZY	2,419,356
STELZER, GORDON L.	2,417,069	VTECH TELECOMMUNICATION S, LTD.	2,419,215	ZEON CHEMICALS, L.P.	2,418,409
STOLLER, DAVID	2,387,308	WADDOUPS, MALCOLM	2,419,350	ZHU, FRANCIS	2,419,596
STONE CONSTRUCTION EQUIPMENT, INC.	2,373,003	WALKER, RACHELL	2,417,054	ZIMMER, INC.	2,419,326
STONE, DAVID	2,419,190	WALZ, RONALD ALBIN	2,418,997		
SUDA, HISAYOSHI	2,392,656	WANG, SOO CHANG	2,419,072		
SULLIVAN, MICHAEL	2,419,707	WANG, XIN	2,372,316		
SUMIKO CONSULTANTS CO., LTD.	2,415,988	WANG-CLOW, FONG	2,372,708		
SUMITOMO FORESTRY CO., LTD.	2,392,656	WARING, THOMAS	2,413,912		
SUMMO STEEL CORPORATION	2,372,829	WARTIAN, GEORGE	2,387,224		
SUMTER, JOHN E.	2,417,303	WATSON, DAVID	2,419,596		
SUNCOR ENERGY INC.	2,372,360	WAYMAN, CHRISTOPHER PETER	2,418,930		
SUNCOR ENERGY INC.	2,419,325	WEATHERDATA, INC.	2,418,671		
SUPURAN, CLAUDIU T.	2,372,731	WEIRICH, MICHAEL	2,419,441		
SWIST, JASON	2,373,328	WELLMASTER PIPE AND SUPPLY INC.	2,372,878		
TAIWAN LOUNGE CHAIR INDUSTRY CO., LTD.	2,372,801	WHITE, CRAIG KARL	2,419,390		
TAKACHIO, NOBORU	2,419,357	WIDENHOUSE, CHRISTOPHER WILLIAM	2,419,664		
TAKAGAKI, KEIICHI	2,372,744	WIENS, ED	2,372,517		
TAKEUCHI, ESTHER S.	2,419,212	WILLIAMS, GERALD JOHN	2,372,451		
TARDIF, MAURICE	2,377,296	WILLIAMS, GERALD JOHN	2,372,477		
TAYLOR, IAN A.	2,372,386	WILLIAMS, GERALD JOHN	2,372,484		
TELEFLEX (CANADA) LTD.	2,372,402	WILLIAMS, GERALD JOHN	2,372,486		
TERRANOVA, ROBERT ANTHONY	2,397,122	WILLIAMS, GERALD JOHN	2,372,489		
TESHIMA, MITSUHIRO	2,419,357	WILSON GREATBATCH TECHNOLOGIES, INC.	2,419,212		
THALES	2,418,786	WILSON, ERNEST L.	2,372,878		
THE ANDREW JERGENS COMPANY	2,416,405	WOERNER MANUFACTURING, INC.	2,399,352		
THE HOSPITAL FOR SICK CHILDREN	2,370,841	WOERNER, EDWARD E.	2,399,352		
THE LOUIS BERKMAN COMPANY	2,415,540	WOODBRIDGE FOAM CORPORATION	2,419,693		
THE PULLMAN COMPANY	2,417,814	WOODS, JOHN R.	2,419,637		
TINI, PAOLO GIUSEPPE	2,419,045	WORGAN, MICHAEL CHRISTOPHER	2,419,515		
TOBE, SHINICHIRO	2,372,648	WORTHINGTON ARMSTRONG VENTURE	2,407,362		
TOELKEN, L. TAIZO	2,417,342	WU, ALAN K.	2,372,399		
TOYE, REGINALD	2,414,836	WU, JIANGPING	2,372,316		
TREMBLAY, PAUL-ARMAND PAT	2,372,503	WU, PATRICK PAK WAI	2,372,849		
TRIEB, HERBERT	2,409,582	WU, ZHONGJUN	2,418,767		
TROTTIER, STEVE	2,372,324	WUNDERLICH, DANIEL F.	2,415,511		
TROTTIER, STEVE	2,419,169	WUSSOW, HANS-GEORG	2,420,191		
TRUDEAU, NATHALY	2,388,820	XEROX CORPORATION	2,418,866		
TSENG, CHEN-NUNG	2,372,801	XEROX CORPORATION	2,419,105		
TSUDA, HIROFUMI	2,372,648	XU, WEI	2,417,318		
TSUDA, MASAHIRO	2,419,684	YABO, OREN	2,412,259		
TSUNETOMO, KEIJI	2,419,235	YAMAHA CORPORATION	2,419,166		
TSUNETOMO, KEIJI	2,419,683				
TU, KEVIN TIEN-JEN	2,372,350				
TURNER, JAMES A.	2,419,523				

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

3M INNOVATIVE PROPERTIES COMPANY	2,433,325	ASHLEY, RICHARD	2,433,052	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG	2,432,693
3M INNOVATIVE PROPERTIES COMPANY	2,433,333	ASTRAZENECA AB	2,433,530	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG	2,433,451
3M INNOVATIVE PROPERTIES COMPANY	2,433,411	AUDREN, JEAN-THIERRY	2,433,435	BOGESKOV-JENSEN, TOM	2,433,403
3M INNOVATIVE PROPERTIES COMPANY	2,433,415	AUSTIN, STEVEN R.	2,433,490	BOL, DAVID	2,432,041
3M INNOVATIVE PROPERTIES COMPANY	2,433,418	AUTON, KEVIN ANDREW	2,433,145	BOLDOG, FERENC L.	2,433,313
3M INNOVATIVE PROPERTIES COMPANY	2,433,490	AZAMI, HIDENORI	2,433,084	BOON, PAUL	2,432,182
3M INNOVATIVE PROPERTIES COMPANY	2,433,491	BABA, YOSHIHARU	2,433,447	BOREALIS TECHNOLOGY OY	2,432,182
3M INNOVATIVE PROPERTIES COMPANY	2,433,538	BABEJ, JIRI	2,433,134	BORSOI, LUIGI	2,433,129
ABBOTT LABORATORIES	2,433,548	BACHMANN, MARTIN	2,433,316	BOSETTI, ALDO	2,434,231
ABE, SATOSHI	2,433,324	BAKER, KEITH HOMER	2,433,596	BOSTON SCIENTIFIC LIMITED	2,433,389
ABOSHAMAA, KAMAL N.	2,433,574	BAKER, KEVIN P.	2,433,474	BOSTON SCIENTIFIC LIMITED	2,433,406
ADDPower AB	2,433,456	BAMFORD, SAMANTHA JAYNE		BOTTE, JAMES M.	2,433,261
ADDPower AB	2,433,482			BRANN, JOHN	2,433,669
ADVANCED CERAMICS RESEARCH, INC.	2,433,550	BANAS, DANA	2,433,453	BRASSSELL, JAMES L.	2,433,413
ADVANCED INHALATION RESEARCH, INC.	2,433,335	BANDARU, RAJANIKANTH	2,432,041	BREHMER, DANIEL	2,433,555
AFX, INC.	2,433,416	BANKS, RODNEY H.	2,433,634	BREM, GOTTFRIED	2,433,423
AGROBIOGEN GMBH BIOTECHNOLOGIE	2,433,423	BARNABAS, MARY VIJAYARANI	2,433,493	BREUER, ERICKA	2,433,328
AIR CONTROL SCIENCE, INC.	2,431,590	BARRETT, BURKE T.	2,433,596	BRICE, JAMES PAUL	2,432,947
AKIZUKI, WATARU	2,433,402	BARVIAN, NICOLE CHANTEL	2,433,376	BRISTOL-MYERS SQUIBB COMPANY	2,432,041
AKZO NOBEL N.V.	2,433,537	BARVIAN, NICOLE CHANTEL	2,433,772	BROWN, KURT	2,433,511
AKZO NOBEL N.V.	2,433,540	BASF AKTIENGESELLSCHAFT	2,433,055	BROWN, ROBERT S.	2,433,155
AL-ASSAAD, ALI-SAMER	2,432,398	BASF AKTIENGESELLSCHAFT	2,433,073	BROWN, RONALD	2,433,061
ALBERS, MARIE A.	2,433,337	BASSOLINO, DONNA	2,432,041	BROZE, GUY	2,433,328
ALBIZZATI, ENRICO	2,433,140	BASU, SUJIT K.	2,433,335	BRUBAKER, MICHAEL J.	2,433,528
ALFERNES, CLIFTON A.	2,433,672	BATES, BRIAN GAITHER	2,432,280	BRUCK, ROLF	2,433,395
ALLEGIANCE CORPORATION	2,429,357	BAUGHN, MARIAH R.	2,431,493	BRUCK, ROLF	2,433,397
ALLEN, GEORGE	2,433,350	BAUSCH & LOMB INCORPORATED	2,433,528	BRUCK, ROLF	2,433,400
ALMIRALL PRODES FARMA AG	2,433,128	BAYER AKTIENGESELLSCHAFT	2,433,125	BUIL ALBERO, MARIA ANTONIA	2,433,128
ALTEON, INC.	2,433,346	BEALL, DAVID S.	2,433,069	BUNDOCK, PAUL	2,432,717
ALTEON, INC.	2,433,425	BEASLEY, ELLEN M.	2,433,692	BURCKETT ST. LAURENT, JAMES CHARLES	2,433,059
AMBIENT CORPORATION	2,433,604	BECKERS, HUBERTUS JOSEPH	2,433,340	THEOPHILE ROGER	2,433,313
AMERICAN TOOL COMPANIES, INC.	2,433,608	BELL, DAVID A.	2,433,421	BURGESS, CATHERINE E.	2,432,178
AMERSHAM BIOSCIENCES UK LIMITED	2,432,016	BELL, DAVID A.	2,433,278	BURNSIDE, BETH	2,433,586
ANDERSKEWITZ, RALF	2,433,451	BELL, STANLEY C.	2,433,346	BURROWS, KIMBERLY	2,433,589
ANDERSON, CONRAD V.	2,433,491	BELL, STANLEY C.	2,433,425	BURROWS, KIMBERLY	2,432,175
ANDERSON, DAVID	2,433,313	BENNETT, TOM D.	2,433,359	CABOT, KIRSTEN M.	2,433,340
ANDREWS, STEPHEN MARK	2,433,126	BERG, GARY	2,433,147	CAERS, RAPHAEL FRANS IVO	2,433,348
APERTO NETWORKS, INC.	2,433,617	BERG, GARY	2,433,147	CAHOON, SHIANLEN	2,433,348
APPLIED MOLECULAR EVOLUTION, INC.	2,433,057	BERTRAM, LUTZ	2,433,170	CALLEGARO, LANFRANCO	2,433,131
ARNOLD, MACKLIN BRIAN	2,432,464	BERUBER, DANY	2,433,416	CALVERT, PAUL D.	2,433,550
		BEZANERE, DANIEL	2,433,435	CAMBRIDGE POSITIONING SYSTEMS LIMITED	2,432,947
		BF RESEARCH INSTITUTE, INC.	2,433,180	CAMPEDELLI, PAOLO	2,429,362
		BHAT, SUNIL GURUDATT	2,433,067	CAPITOL INSULATED PRODUCTS, INC.	2,433,630
		BIODEVELOPS VERWERTUNG VON LIZENZCN GMBH	2,431,837	CARDIAC DIMENSIONS, INC.	2,433,672
		BIOSIGNATURE DIAGNOSTICS, INC.	2,432,398	CARON, STEPHANE	2,433,516
		BIO-TECHNOLOGY GENERAL CORP.	2,433,227	CARR, DALE D.	2,433,575
		BIRKE, FRANZ	2,433,451	CARRANZA, REMBERTO J.	2,433,396
		BIRKNESS, KRISTIN A.	2,433,069	CARTER, JOHN DAVID	2,433,059
		BLANCHETTE, DAVID	2,433,342	CASMAN, STACIE J.	2,433,313
		BLEISCH, THOMAS JOHN	2,432,464		
		BLUM, RONALD D.	2,433,338		
		BOATE, ALAN	2,433,538		

Index of PCT Applications Entering the National Phase

CASTANO MANSANET, ANA MARIA	2,432,464	DEKKO HEATING TECHNOLOGIES, INC.	2,433,371	E-VISION L.L.C.	2,433,338
CAVALLARO, ALFONSO	2,433,094	DELAVAL HOLDING AB	2,433,322	EXXONMOBIL CHEMICAL PATENTS INC.	2,433,340
CEMINES, LLC	2,432,639	DENARO CO., LTD.	2,433,704	FABIN, FRANK J.	2,433,411
CERN, YEHUDA	2,433,604	DENO, D. CURTIS	2,433,359	FACHER, ANDREAS	2,433,506
CESTI, PIETRO	2,434,231	DENTSPLY DETREY GMBH	2,433,506	FANTON, GARY S.	2,433,396
CHANG, DONALD C. D.	2,433,391	DESLAURIERS, MANON	2,433,069	FAROOQ, AMJAD	2,433,328
CHANG, MING U.	2,433,391	DEUTSCHE TELEKOM AG	2,433,170	FARRELL, CHRISTOPHER	2,433,635
CHANG, RONG-KUN	2,432,178	DEVRIES, KEITH MICHAEL	2,433,516	FEDER, JOHN	2,432,041
CHATARD, DOMINIQUE	2,433,392	DEWEZ, JACQUES	2,433,328	FELDMANN, MARC	2,432,542
CHAVAN, YUVARAJ ATMARAM	2,433,067	DEWHIRST, MARK W.	2,433,657	FERNANDEZ FORNER, MARIA DOLORS	2,433,128
CHELCHOWSKI, DAVID	2,433,398	DEWITT, DONALD E.	2,433,371	FIDIA ADVANCED BIOPOLYMERS SRL	2,433,131
CHEN, GENHUI	2,433,417	DI FEDE, SERGIO	2,433,131	FIDLER, DANIEL J.	2,433,548
CHEN, SHUQI	2,433,347	DI NOLA, FRANCESCO	2,433,094	FILANOVSKY, BORIS	2,433,401
CHIN, YEM	2,433,406	DIHORA, JITEN ODHAVJI	2,433,524	FILLA, SANDRA ANN	2,433,351
CHUAH, BENG SIM	2,433,424	DOI, YUTAKA	2,433,612	FINGER, JOSHUA	2,432,041
CIBA-SPECIALTY CHEMICALS HOLDING INC.	2,433,126	DOMINGUEZ-MANZANARES, ESTEBAN	2,432,464	FINKELSHTAIN, GENNADY	2,433,401
CITEL TECHNOLOGIES LTD.	2,433,560	DOSS, CATHRYNE	2,433,282	FISCELLA, MICHELE	2,433,474
CLAWSON, LAURENCE ARTHUR	2,433,576	DOW GLOBAL TECHNOLOGIES INC.	2,433,239	FISCHER, EDWARD M.	2,433,616
CLIVER, JAMES D.	2,433,085	DOW GLOBAL TECHNOLOGIES INC.	2,434,231	FISCHER, JOHN S.	2,431,590
CNA CORPORATION	2,433,292	DR. AUGUST WOLFF GMBH & CO.	2,432,534	FISHER DYNAMICS CORPORATION	2,433,572
COATES, DAVID	2,433,385	DRAPER, LEE COLIN	2,433,146	FITZGERALD, DAVID	2,432,731
COAXMEDIA, INC	2,433,611	DRUCKER, STEVEN M.	2,433,144	FLAME SEAL PRODUCTS, INC.	2,433,465
COCCHINI, FRANCO	2,433,094	DRUMMOND, CALUM J.	2,433,593	FLAUGH, MICHAEL EDWARD	2,433,351
COGNIS DEUTSCHLAND GMBH & CO. KG	2,433,586	DUAN, D. ROXANNE	2,433,474	FOLANDER, KIMBERLY L.	2,432,274
COGNIS DEUTSCHLAND GMBH & CO. KG	2,433,589	DUFFETT-SMITH, PETER JAMES	2,432,947	FOLEY, THOMAS	2,433,195
COHEN, ISAAC D.	2,433,337	DUKE UNIVERSITY	2,433,657	FOODY, PATRICK J.	2,432,788
COHESIVE TECHNOLOGIES INC.	2,433,669	DUNNE, JUDE A.	2,433,153	FORTUM OYJ	2,433,327
COLGATE-PALMOLIVE COMPANY	2,433,328	DUQUE, PILAR P.	2,433,082	FORTUM OYJ	2,433,426
COLGATE-PALMOLIVE COMPANY	2,433,558	DURST, TONY	2,433,066	FOXWELL, BRIAN MAURICE JOHN	2,432,542
COLLOVINI, ROBERTO	2,433,129	DUSTON, DWIGHT P.	2,433,338	FRANK, ANDREW A.	2,433,420
COLOR ACCESS, INC.	2,433,337	EBERHARDT, INES	2,432,364	FRANKLIN, KEVIN RONALD	2,433,424
COMBS, WILLIAM J.	2,433,147	ECOLAB INC.	2,433,341	FRECH, ROGER E.	2,433,670
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2,433,593	EDLUND, ERIC	2,433,511	FREDERICK, DENNIS	2,433,339
COMPUTER ASSOCIATES THINK, INC.	2,433,154	EDWARDS, DAVID A.	2,433,335	FREIMARK, RONALD J.	2,433,576
CONSOLIDATED CONTAINER COMPANY LLC	2,433,635	EFRON, UZI	2,433,338	FREY, HOLGER	2,433,506
CONTRERAS, ROLAND HENRI	2,432,364	EGAN, JOHN J.	2,433,346	FRIDDLE, CARL JOHAN	2,432,737
COX, ROBERT G.	2,433,371	EIKYU, YOSHITERU	2,433,084	FRIEDERICHS, SONJA MARIA	2,433,125
CRAMER, RONALD DEAN	2,433,059	EISENBERG, STEPHEN P.	2,431,308	FUJISAWA PHARMACEUTICAL CO., LTD.	2,433,084
CREE, INC.	2,433,541	EKEMAR, LARS	2,433,267	FUJISAWA PHARMACEUTICAL CO., LTD.	2,433,623
CROONENBORGH, JOS	2,432,182	E-L MANAGEMENT CORP.	2,433,343	FUJITA, KATSUHISA	2,433,324
CUBIST PHARMACEUTICALS, INC.	2,432,096	ELBERT, KATHARINA	2,433,335	FUNDERBURK, JEFFERY V.	2,433,144
CURAGEN CORPORATION	2,433,313	ELI LILLY AND COMPANY	2,432,464	G. HOLDINGS LTD.	2,434,192
CURTI, JAMES N.	2,433,294	ELI LILLY AND COMPANY	2,433,351	G. HOLDINGS LTD.	2,434,196
CURTIS, DAVID C.	2,433,152	ELLIS, JAMES EDWARD	2,433,364	GABBIANELLI, GIANFRANCO	2,433,052
CYBERONICS, INC.	2,433,376	ELLIS, JASON	2,433,301	GAILLARD, JOEL	2,434,192
CYTEC TECHNOLOGY CORP.	2,433,404	ELLSON, RICHARD N.	2,433,296	GAILLARD, JOEL	2,434,196
CYTOS BIOTECHNOLOGY AG	2,433,316	EMERY, DARYLL A.	2,433,561	GALANTE, CHERYL L.	2,433,342
DAHL, JOHN M.	2,433,576	EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH	2,433,395	GALL, MARTIN	2,433,073
DAMAJ, BASSAM	2,432,398	EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH	2,433,397	GALL, MARTIN	2,433,346
DANA CORPORATION	2,433,297	EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH	2,433,400	GALL, MARTIN	2,433,425
DANA-FABER CANCER INSTITUTE, INC.	2,432,276	ENGELS, DIRK	2,431,994	GANGOLLI, ESHA A.	2,433,313
DANIELS, BRIAN J.	2,433,153	ENPHARMA L.P.	2,433,066	GASPARINI, FABRIZIO	2,433,409
DAVID, JOHN R.	2,433,491	EPIDAUROS BIOTECHNOLOGIE AG	2,432,339	GAUR, SUNEEL	2,433,453
		EQUISTAR CHEMICALS, LP	2,433,517	GEBRESELASSIE, PETROS	2,433,558
		ESCRIBANO, ANA MARIA	2,432,464	GENECRAFT, INC.	2,433,877
		EUROPEAN COMMUNITY	2,433,098	GENENCOR INTERNATIONAL, INC.	2,432,744
		EVERAERTS, ALBERT I.	2,433,418	GEORGAKLIS, GEORGE	2,433,593
				GHASSABIAN, FIROOZ	2,433,151
				GIBB, JOHN	2,433,345
				GILLESPIE, ROGER JOHN	2,433,453
				GILLIG, JAMES RONALD	2,433,351
				GILLIS, KIMBERLY C.	2,433,323

Index des demandes PCT entrant en phase nationale

GIOVANNI COSMETICS, INC.	2,433,555	HEMA METRICS, INC.	2,433,421	JARVIS, ERIC	2,431,308
GIRAUD, JEAN-PIERRE	2,433,630	HENICS, TAMAS	2,431,837	JAWORSKI, THOMAS	2,429,362
GLASS, ROBERT C.	2,433,541	HEREDIA, EDWIN ARTURO	2,433,086	JELAVA-RISLEY, MARY	
GLATZHOFFER, DANIEL T.	2,433,670	HESTER, DENNIS M.	2,432,175	MARGARET	2,433,659
GN NETCOM A/S	2,433,403	HIETANIEMI, MATTI	2,433,331	JENNEWEIN, HANS MICHAEL	2,433,451
GODSMARK, JOHN STEPHEN	2,433,340	HIGASHI, YASUYUKI	2,432,736	JEPSON, IAN	2,433,079
GOEDEGEBUUR, FRITS	2,432,744	HILBUN, ERIN	2,432,737	JI, WEIZHEN	2,433,313
GOLD, BRUCE	2,433,384	HILGERS, DEBRA S.	2,433,663	JIN, ROBERT Y.	2,433,144
GOLDSTEIN, CAROL D.	2,433,659	HILL, MICHAEL R. S.	2,433,359	JOHNSON, DALE B.	2,433,450
GOLDSTEIN, STEVEN, H.	2,433,659	HINO, AKIRA	2,433,324	JONES, BRIAN E.	2,432,744
GONG, DAVID	2,432,175	HINTON, PAUL	2,432,736	JONES, DAVID P.	2,433,082
GORDUN BURILLO, FERNANDO	2,433,253	HIRAOKA, KENICHI (DECEASED)	2,433,483	JORDAN, GLENN THOMAS IV	2,433,059
GORODKIN, MARK	2,433,142	HIRAYAMA, MASAKI	2,433,565	JORGENSEN, HENNING	2,433,074
GOSSELINK, EUGENE PAUL	2,433,059	HOBSON, DAVID W.	2,433,082	JUNG, BIRGIT	2,432,693
GOTO, TAKAYUKI	2,433,407	HODGES, ALASTAIR	2,429,360	JUNG, BIRGIT	2,433,451
GREENBERG, CHARLES S.	2,433,657	HOFFMAN, COREY E.	2,433,301	JUVONEN, REIJO	2,433,061
GREENBERG, MICHAEL J.	2,433,283	HOHL, G. BURNELL	2,431,876	K-2 CORPORATION	2,433,571
GREENLAND, ANDREW JAMES	2,433,079	HOISINGTON, PAUL A.	2,433,334	KAAJA, HARALD	2,433,061
GREIGO, JOHN A.	2,433,406	HOLLAND, JERRY DWAYNE	2,433,298	KAIBEL, GERD	2,433,073
GRETER, ANDY	2,433,093	HOLZER, ARNE	2,433,530	KALLEVIG, GAYLA K.	2,433,561
GROENKE, GREGORY	2,429,357	HONEYWELL INTERNATIONAL INC.	2,433,153	KANSAL, VINOD KUMAR	2,433,067
GROHN, AKI	2,433,061	HONEYWELL INTERNATIONAL INC.	2,433,357	KAPLUN, GEORGE	2,433,604
GROSSE, JOACHIM	2,433,395	HONEYWELL INTERNATIONAL INC.	2,433,576	KASAHARA, CHIYOSHI	2,433,084
GROSSE, JOACHIM	2,433,397	HONEYWELL INTERNATIONAL INC.	2,433,612	KASS, HANNO	2,433,392
GROSSE, JOACHIM	2,433,400	HONEYWELL INTERNATIONAL INC.	2,433,637	KASTMAN, YURI	2,433,401
GROSZ, RON	2,433,342	HONEYWELL INTERNATIONAL INC.	2,432,717	KATAOKA, MASAHIRO	2,433,402
GRUNWALD, HEINRICH	2,433,392	HOOPYKAAS, PAUL JAN JACOB	2,433,051	KATO, MASANORI	2,433,551
GUIDOTTI, ARTHUR CHARLES	2,433,555	HORNEMAN, KARI	2,433,424	KATOCH, RITA	2,433,259
GUIDOTTI, GIOVANNI JAMES	2,433,555	HOUGH, GORDON CHARLES	2,431,889	KATOONO, MASATAKA	2,433,578
GULUKOTA, KAMALAKA	2,432,280	HOWLEY, TODD	2,431,889	KATZMAN, YOUVAL	2,433,338
GUO, XIAODI	2,432,178	HOWLEY-PIVOTAL MANUFACTURING INC.	2,433,335	KAYE, DAVID M.	2,433,672
GUPTA, RAM	2,433,474	HRKACH, JEFFREY S.	2,433,490	KEITH, DENNIS	2,432,096
GUSTIN, JAY W.	2,433,576	HSU, CHIH-CHUNG	2,432,767	KEKUDA, RAMESH	2,433,313
GUY, RACHEL	2,433,227	HU, YONGBO	2,433,467	KELCH, ROBERT H.	2,433,239
HABERL, MICHAEL	2,432,339	HUANG, AUDRIS	2,433,576	KELLER, BERND	2,433,541
HABERLE, KARL	2,433,055	HUANG, JIANDONG	2,433,391	KENNEDY, JOSEPH T.	2,433,153
HADWIGER, PHILIPP	2,432,350	HUGHES ELECTRONICS CORPORATION	2,433,474	KENNEDY, SHAUN PATRICK	2,433,341
HAEGGBERG, DONNA JEAN	2,433,596	HUMAN GENOME SCIENCES, INC.	2,432,339	KIM, CHON WON	2,419,264
HAGAI, YOCHAVED	2,433,227	HUSTERT, ELISABETH	2,433,142	KIM, HYUNG GUN	2,419,264
HAJI BEGLI, ALIREZA	2,431,994	HYDRO ENTERPRISES	2,433,541	KING, PETER	2,433,069
HAKIM, JOSEPH	2,433,617	IBBETSON, JAMES	2,431,876	KIRSNER, JEFFREY P.	2,433,586
HALLIBURTON ENERGY SERVICES, INC.	2,433,586	ICT, INC.	2,433,359	KIRSNER, JEFFREY P.	2,433,589
HALLIBURTON ENERGY SERVICES, INC.	2,433,589	IGEL, DAVID	2,431,493	KISER, MICHAEL D.	2,433,465
HALLIBURTON ENERGY SERVICES, INC.	2,433,593	INCYTE GENOMICS, INC.	2,433,146	KITCHENER, DEAN	2,433,437
HAMMEN, PHILIP DIETRICH	2,433,516	INEOS FLUOR HOLDINGS LIMITED	2,419,264	KLADE, CHRISTOPH	2,431,837
HANEY, CARL PHILLIP	2,433,625	INNOACE CO., LTD.	2,433,412	KLEE, JOACHIM E.	2,433,506
HANSSON, HANS	2,433,322	INTORP, MICHAEL	2,432,788	KLEINRATH, ROBERT	2,433,342
HAROON, ZISHAN	2,433,657	IOGEN BIO-PRODUCTS CORPORATION	2,433,347	KNIGHT, JOHN B.	2,433,608
HARRIS, THOMAS L.	2,433,341	IQUUM, INC.	2,433,623	KNOTT, TIM	2,432,016
HARRISON, DAVID	2,433,350	ISHIDA, JUNYA	2,433,236	KOCH, MARGIT	2,431,837
HARTER, WILLIAM GLEN	2,433,778	ISIS INNOVATION LTD.	2,433,090	KOKEMOHR, NILS	2,433,279
HASTEDT, JAYNE E.	2,432,175	IWATA, YASUHIRO	2,432,041	KOKONASKI, WILLIAM	2,433,338
HATCO CORPORATION	2,433,575	JACKSON, DONALD G.	2,433,611	KOMATSOULIS, GEORGE	2,433,474
HAYDEN-LEDBETTER, MARTHA	2,433,877	JACKSON, HAROLD W.	2,433,404	KONISHI, NOBUKIYO	2,433,623
HEALTHPOINT, LTD.	2,433,082	JACOB, WILLIAM III	2,431,308	KOP-COAT, INC.	2,433,546
HEESE, KLAUS	2,433,180	JAMIESON, ANDREW	2,432,364	KOZLIK, TONY JOHN	2,433,576
HEIBEL, MARIJA	2,433,328	JANSSEN PHARMACEUTICA N.V.	2,433,340	KRAFT FOODS HOLDINGS, INC.	2,433,574
HEIM, WARREN PAUL	2,433,413	JANSEN, MARCEL	2,433,483	KRANTIS, ANTHONY	2,433,066
HEINZ, FRANZ, X.	2,432,370	JAPANTECHNO LTD., CO.		KRAUT, NORBERT	2,432,693
HEINZ, LAWRENCE JOSEPH	2,433,351			KREUTZER, ROLAND	2,432,350
HEISEL, TIMOTHY	2,433,635			KRISHNAMOORTHY, RAMESH	2,433,528
HELLER, ADAM	2,433,144			KRUG, THOMAS	2,433,073
HELLSTEN, MARTIN	2,433,537			KRUSHINSKI, JOSEPH HERMAN JUNIOR	2,433,351
HELLSTEN, MARTIN	2,433,540			KRYSTEK, STANLEY	2,432,041
HEMA METRICS, INC.	2,433,278			KUBOTA, SHINJI	2,433,319
				KUFE, DONALD W.	2,432,276
				KUHNEL, VOLKER	2,433,390
				KUMAR, GYANENDRA	2,433,634

Index of PCT Applications Entering the National Phase

KUNZ, MARKWART	2,431,994	LUNEMANN, CHRISTOPHER	2,433,576	MISAKI, KAORU	2,433,262
KUREHA CHEMICAL		LUPIN LIMITED	2,433,067	mitsubishi heavy	
INDUSTRY CO., LTD.	2,433,578	LUYTEN, WALTER HERMAN		INDUSTRIES, LTD.	2,433,402
KURODA, KANAE	2,433,623	MARIA LOUIS	2,432,364	MIYAMA, YASUYUKI	2,433,317
KURTIS, JONATHAN	2,433,200	M~LLER, STEFAN	2,432,693	MIYATA, SUSUMU	2,433,623
KUSAKA, HIDEAKI	2,433,090	MA, JIAYING	2,433,418	MIZIA, FRANCO	2,434,231
KYOWA HAKKO KOGYO CO.		MAES, DANIEL H.	2,433,343	MODY, DINESH	2,433,416
LTD.	2,433,090	MAGNA INTERNATIONAL INC.	2,433,052	MODY, FERSHEED K.	2,433,593
KYUSHU TLO COMPANY,		MAGNA INTERNATIONAL INC.	2,433,299	MOLECULAR STAGING, INC.	2,433,634
LIMITED	2,433,266	MAJIDI-AHI, REZA	2,433,617	MOLONEY, MICHAEL J.	2,433,342
LAFOSSE-MARIN, ISABELLE	2,433,625	MALCZEWSKI, VICTOR J.	2,433,052	MONETA, ROLAND MILES	2,433,363
LAI, JAN-JI	2,432,096	MALYANKAR, URIEL M.	2,433,313	MONTGOMERY, ALAN BRUCE	2,433,280
LALVANI, AJIT	2,433,236	MANDAI, SHIGEMI	2,433,402	MOORE, F. JEFFERY	2,433,085
LAMPTEL, JAY S.	2,433,548	MANDL, CHRISTIAN	2,432,370	MOORE, PAUL A.	2,433,474
LANDA, PETER A.	2,433,343	MAO, SHANE S.	2,433,616	MORE ENERGY LTD.	2,433,401
LAPHAM, JOHN R.	2,433,503	MARCACCI, MAURILIO	2,433,131	MORGAN, ROBERT A.	2,433,357
LAVOIE, EDMOND J.	2,433,346	MARKS, BRIAN	2,433,546	MORIMOTO, NAOKI	2,433,543
LAVOIE, EDMOND J.	2,433,425	MARS, INCORPORATED	2,433,230	MORIS, KENNETH R.	2,433,385
LAZAROVITS, JANETTE	2,433,227	MARTENS, LUC ROGER	2,433,340	MORITA, MASATAKA	2,433,084
LECHNER, FRANZISKA	2,433,316	MARTINEZ PEREZ, JOSE		MORITA, MASATAKA	2,433,623
LEDBETTER, JEFFREY A.	2,433,877	ANTONIO	2,432,464	MORITA, YOSHIKI	2,433,623
LEE, CHANG WOOK	2,419,264	MARTINEZ, ALBERTO	2,433,079	MORRIS, KENNETH R.	2,433,577
LEE, CHARLES C.	2,433,490	MARUTIKUMAR, TANGUTURI		MORRIS, TERRY L.	2,433,490
LEE, DAVID SOONG-HUA	2,433,296	VENKATA	2,433,067	MOSHREFZADEH, ROBERT S.	2,433,418
LEE, ELAINE	2,433,081	MASTERS, JAMES G.	2,433,558	MUH, EKKEHARD	2,433,506
LEE, ERNESTINE A.	2,431,493	MATEO HERRANZ, ANA		MULHAUPT, ROLF	2,433,506
LEE, JONG HWAN	2,419,264	ISABEL	2,432,464	MULLER, HEINZ	2,433,586
LEE, LIANA	2,432,041	MATHYS, GEORGES	2,433,340	MULLER, HEINZ	2,433,589
LEES, ROBERT G.	2,433,404	MATSUMOTO, YUICHI	2,433,090	MULLIGAN, LAWRENCE J.	2,433,359
LEONARD, DAVID W.	2,433,325	MATSUNO, KENJI	2,433,090	MUNIR, MOHAMMAD	2,431,994
LEONARD, DAVID W.	2,433,333	MATSUOKA, NOBUYA	2,433,384	MURDOCH CHILDRENS	
LEONARD, WILLIAM K.	2,433,325	MATTES, RALF	2,431,994	RESEARCH INSTITUTE	2,431,882
LEONARD, WILLIAM K.	2,433,333	MAURER, PATRICK	2,433,316	MURPHY, WILLIAM	2,433,511
LEONARDI, STEFANIA	2,433,453	MAXWELL, JAMES R.	2,433,283	MURRAY, JOSEPH S.	2,432,767
LEONHARDT, STEPHAN	2,433,427	MAY, SCOTT ALLAN	2,432,464	MURRAY, REX EUGENE	2,433,295
LERPINIERE, JOANNE	2,433,453	MAZZOTTI, ANDREA	2,433,094	MUTZ, MITCHELL W.	2,433,296
LEUBNER, MARCUS	2,433,055	MCATEE, PATRICK	2,432,041	NAGAI, YASUO	2,433,180
LEVANON, AVIGDOR	2,433,227	MCBRIDE, DANIEL T.	2,433,323	NAGASAKA, SHIGEKI	2,433,543
LEXICON GENETICS		MCCLOSKEY, JOEL	2,432,941	NAGATA, HIROTOSHI	2,433,317
INCORPORATED	2,432,737	MCDONALD, MICHAEL RAY	2,433,059	NAGY, ESZTER	2,431,837
LI, JIANXIONG	2,433,417	MCGEE, ROBERT L.	2,433,239	NAKAI, KAZUO	2,433,084
LI, JIE JACK	2,433,778	MCGILL, JOSEPH A.	2,433,410	NAKAMA, KENICHI	2,433,543
LI, LI	2,433,313	MCGREW, GORDON N.	2,433,283	NAKAMURA, HIROYUKI	2,433,407
LIDDLE, HEATHER ANNE	2,433,059	MCHENRY, MICHAEL A.	2,433,575	NAKAMURA, KATSUYA	2,433,623
LIFEPPOINT, INC.	2,433,195	MCKENNA, EDWARD	2,432,274	NAKAMURA, MASANORI	2,433,320
LIFESCAN, INC.	2,429,360	MCNALLY, JOHN T.	2,433,299	NAKANISHI, SATOSHI	2,433,090
LIM, MU-III	2,433,378	MEADE, CHRISTOPHER JOHN		NAKANO, YOSHIO	2,433,266
LIM, MU-III	2,433,685	MONTAGUE	2,433,451	NEC CORPORATION	2,433,551
LIM, MU-III	2,433,686	MEDELA AG	2,433,093	NEEMAN, MICHAEL	2,433,657
LIM, MU-LLL	2,433,684	MEDTRONIC, INC.	2,433,147	NEKTAR THERAPEUTICS	2,432,175
LIM, WAH L.	2,433,391	MEDTRONIC, INC.	2,433,359	NELSON, THOMAS	2,432,041
LIMMER, STEPHAN	2,432,350	MEIBOCK, ANTONIN A.	2,433,571	NEXTGEN SCIENCES LTD.	2,433,145
LIN, YONGEN	2,433,388	MEINGASSNER, JOSEF		NGUYEN, MY	2,433,637
LIPP, MICHAEL	2,433,335	GOTTFRIED	2,433,409	NICHOLSON, ROBERT D.	2,433,509
LIPSCHITZ, ORLY	2,433,227	MEKALA, DAVID R.	2,433,616	NICKEL, RONALD	2,433,292
LITHDYNE LLC	2,432,941	MENDONCA, LUIS	2,433,404	NIESCHLAG, EBERHARD	2,432,534
LIU, BIN	2,433,351	MENDOSA, JOSE MARIA		NIIMURA, KOICHI	2,433,578
LIU, JIA-CHU	2,433,517	VELAZQUEZ	2,433,524	NIK MULTIMEDIA, INC.	2,433,279
LIU, JUNKANG J.	2,433,616	MENDOZA, PEDRO MIGUEL	2,433,625	NIKULLA, HANS-JURGEN	2,433,412
LIU, PEI-QI	2,431,308	MERCK & CO., INC.	2,432,274	NIPPON KETJEN CO. LTD.	2,433,324
LIU, QIANG	2,431,308	MERKULOV, GENNADY	2,433,692	NIPPON SHEET GLASS CO.,	
LIU, WEI	2,433,417	METSO PAPER, INC.	2,433,331	LTD.	2,433,543
LIU, XIAOHONG	2,433,313	MICHAUD, MARK	2,433,298	NIPPON SHEET GLASS CO.,	
LIU, XIAOYAN	2,433,558	MIKOLIC-TORREIRA, IGOR	2,433,292	LTD.	2,433,774
LIU, YUAN	2,432,274	MILLER, DAVID R.	2,433,421	NIPPON STEEL CORPORATION	2,433,626
LOCKRIDGE, OKSANA	2,433,057	MILLER, DAVID R.	2,433,278	NISSEN, JOHN CHRISTIAN	
LOFROTH, JAN-ERIK	2,433,530	MILLIKEN & COMPANY	2,433,085	DOUGHTY	2,433,440
LORANG, DOUGLAS M.	2,433,396	MILLIKEN & COMPANY	2,433,155	NOKIA CORPORATION	2,433,051
LOTHAR, WILHELM	2,433,392	MILLIKEN & COMPANY	2,433,323	NOKIA CORPORATION	2,433,061
LOVINGOOD, SCOTT	2,433,085	MINTIER, GABE	2,432,041	NOMOTO, YUJI	2,433,090

Index des demandes PCT entrant en phase nationale

NOMURA, SHIGEKI	2,433,320	PLISHKA, MICHAEL	2,429,357	ROMANO, UGO	2,434,231
NORRIS, NANCY	2,433,416	POBER, KENNETH W.	2,433,593	ROSE, PETER ROBERT	2,433,516
NORTEL NETWORKS LIMITED	2,433,261	POLGAR, BEATA	2,431,837	ROSEN, CRAIG A.	2,433,474
NORTEL NETWORKS LIMITED	2,433,437	PONOMARENKO, EKATERINA		ROSENBERG, SCOTT A.	2,433,068
NOTARI, MARCELLO	2,434,231	ANATOLYEVNA	2,433,059	ROSLIN, MITCHELL S.	2,433,376
NOVARTIS AG	2,433,409	POPOVICI, CORINA	2,432,788	ROSS, ALAN S.	2,433,546
OCHI, TAKEHIRO	2,433,623	POPPINGER, MANFRED	2,433,395	ROST, SYLVIA	2,432,350
ODORISIO, PAUL ANGELO	2,433,126	POPPINGER, MANFRED	2,433,397	ROWAN, RYAN PATRICK	2,433,363
OGAWA, AKIRA	2,433,090	POPPINGER, MANFRED	2,433,400	ROXBEE COX, LYNNE MARIE	2,433,079
OHMI, TADAHIRO	2,433,565	POST, RONALD JAMES	2,433,516	RUSSELL, LARRY	2,433,621
OKA, HIDETOSHI	2,433,774	PRAT QUINONES, MARIA	2,433,128	RUST, HARALD	2,433,073
OKO, JENNIFER	2,433,337	PRESIDENT AND FELLOWS OF		RYAN, PAUL THOMAS	2,433,145
OKSANEN, MARKKU	2,433,061	HARVARD COLLEGE	2,433,350	S. C. JOHNSON & SON, INC.	2,429,362
OLICHNEY, MICHAEL	2,433,413	PRIMROSE, PAUL W.	2,433,488	S. C. JOHNSON & SON, INC.	2,433,663
ONDEO NALCO COMPANY	2,433,493	PROFIL		S.S.C.I., INC.	2,433,385
ORATEC INTERVENTIONS, INC.	2,433,396	VERBINDUNGSTECHNIK,		S.S.C.I., INC.	2,433,577
	2,432,464	GMBH & CO. KG	2,433,134	SAGAWA, KAZUHIKO	2,433,578
ORNSTEIN, PAUL LESLIE	2,432,464	PUCKETT, GEOFFREY BRYAN	2,433,398	SAGEM S.A.	2,433,435
ORTWINE, DANIEL FRED	2,433,778	PURDUE RESEARCH		SAITOH, KEIJIROU	2,433,402
OSKARSSON, HANS	2,433,537	FOUNDATION	2,433,385	SAKAMOTO, TOSHIHIRO	2,433,317
OSKARSSON, HANS	2,433,540	PURDUE RESEARCH		SALERNO, MICHAEL PAUL	2,433,298
OSTROVSKAYA, ASIRA	2,433,343	FOUNDATION	2,433,577	SALESSES, ISABELLE	2,433,328
P&G-CLAIROL, INC.	2,433,378	QUALCOMM, INCORPORATED	2,433,488	SALMAN, MOHAMMED	2,433,259
P&G-CLAIROL, INC.	2,433,684	QUINN, FREDERICK D.	2,433,069	SALTER LABS	2,433,294
P&G-CLAIROL, INC.	2,433,685	RAIKO, MARKKU	2,433,327	SALUS PHARMA, INC.	2,433,280
P&G-CLAIROL, INC.	2,433,686	RAIKO, MARKKU	2,433,426	SANDBERG, LEIF	2,433,321
PAJUKOSKI, KARI	2,433,051	RAMANATHAN, CHANDRA	2,432,041	SANGAMO BIOSCIENCES, INC.	2,431,308
PALIFKA, ROBERT	2,433,334	RAMASWAMY, KUMAR	2,433,086	SANKARAN, RAMANATHAN	2,433,067
PALKOVICS, TAMAS	2,431,837	RANBAXY LABORATORIES		SATTIGERI, JITENDRA	2,433,259
PALL CORPORATION	2,433,511	LIMITED	2,433,259	SAUNDERS, BARRIE A.	2,433,509
PALM, KAIA	2,432,639	RASCH, ROGER C.	2,433,404	SAUTER, THOMAS M.	2,433,571
PALMIERI, BENIAMINO	2,433,552	RATTAN, ASHOK	2,433,259	SAWADA, TOHRU	2,433,180
PAN, YUH-GUO	2,433,378	RATZ, ANDREW MICHAEL	2,432,464	SAXENA, UDAY	2,433,348
PAN, YUH-GUO	2,433,684	RAYMER, BRIAN KENNETH	2,433,516	SCHANTZ, STAFFAN	2,433,530
PAN, YUH-GUO	2,433,685	RAYMOND, LUKE	2,433,398	SCHAUS, JOHN MEHNERT	2,433,351
PAN, YUH-GUO	2,433,686	REBAR, EDWARD	2,431,308	SCHIEVEN, GARY	2,432,041
PANCOOK, JAMES D.	2,433,057	REDDY US THERAPEUTICS,		SCHLAPP, TOBIAS	2,433,125
PAPADOPOULOS, PAVLOS	2,433,528	INC.	2,433,348	SCHMIDT, MATTIAS	2,433,059
PASCOE, WILLIAM M.	2,433,155	REDDY, PRAMOD KAKUMANU	2,433,524	SCHMIDT, MICHAEL	2,433,055
PASKALOV, GEORGE	2,433,142	REED, BRIAN	2,433,538	SCHMITT, JEFFREY	2,429,357
PASKALOV, GEORGE	2,433,142	REEKMANS, RIEKA JOSEPHINA	2,432,364	SCHULZE, BERND	2,432,534
PATT, WILLIAM CHESTER	2,433,772			SCHUROV, SERGEI	
PATTURAJAN, MEERA	2,433,313	REEMTSMA		MIKHAILOVICH	2,433,145
PAULSEN, JANET ELIZABETH	2,432,280	CIGARETTENFABRIKEN		SCHWARTZ, EDGAR HUGH	2,431,590
PBL BIOMEDICAL		GMBH	2,433,412	SCHWARZ, TEREK	2,432,016
LABORATORIES	2,433,361	REES, WAYNE M.	2,433,663	SCIMED LIFE SYSTEMS, INC.	2,433,081
PE CORPORATION (NY)	2,433,692	REIZIG, MEIKE	2,433,395	SCIMED LIFE SYSTEMS, INC.	2,433,336
PEREGO, GABRIELE	2,433,140	REIZIG, MEIKE	2,433,397	SCOTT, JOHN DAVID	2,433,146
PERETZ, TUVIA	2,433,227	REIZIG, MEIKE	2,433,400	SEAVER, ALBERT E.	2,433,333
PERVAN, DARKO	2,433,487	REM CHEMICALS, INC.	2,433,298	SEBBEL, PETER	2,433,316
PESTKA, SIDNEY	2,433,361	RENNER, WOLFGANG A.	2,433,316	SEGUCHI, MASATO	2,433,407
PETROLEO BRASILEIRO S.A. -		RESENDE DE ALMEIDA,		SEIKO EPSON CORPORATION	2,433,319
PETROBRAS	2,433,498	ALCINO	2,433,498	SEKI, NOBUO	2,432,736
PFIZER PRODUCTS INC.,	2,433,516	RIBOPHARMA AG	2,432,350	SEKISUI CHEMICAL CO., LTD.	2,433,320
PFUTZE, EBERHARD	2,433,055	RICCI, MARCO	2,434,231	SELWOOD, CHRISTOPHER J.	2,433,152
PHARMACIA & UPJOHN		RISLEY, WILLIAM BUEL	2,433,659	SENSORMEDICS	
COMPANY	2,433,467	RIVETTI, FRANCO	2,434,231	CORPORATION	2,433,271
PHILMAC PTY LTD.	2,433,398	ROAD RUNNER	2,433,509	SENUMA, TAKEHIDE	2,433,626
PHONAK AG	2,433,390	ROBINSON, MICHAEL J.	2,433,560	SERIM, PINAR E.	2,433,616
PICARD, JOSEPH ARMAND	2,433,075	ROBOTIC WORKSPACE		SHARKEY, HUGH R.	2,433,396
PICKERING, JUDITH	2,432,016	TECHNOLOGIES, INC.	2,433,503	SHAW, RICHARD J.	2,433,359
PICOLITER INC.	2,433,296	ROCHA, LUIS GUILLERMO		SHELL INTERNATIONALE	
PIERCE, ROBERT H.	2,433,200	ACEVEDO	2,433,524	RESEARCH	
PIETILAINEN, ANTTI	2,433,061	RODBERG-LARSEN, KJELL	2,433,321	MAATSCHAPPIJ B.V.	2,433,447
PILLARISSETTI, SIVARAM	2,433,348	RODENSTOCK NORTH		SHELSON, SUSAN I.	2,433,389
PINEIRO-NUNEZ, MARTA		AMERICA, INC.	2,433,149	SHI, YANGGU	2,433,474
MARIA	2,433,351	ROECK, HANS-UELI	2,433,390	SHIGENAGA, SHINJI	2,433,084
PIOSSEK, CHRISTINE	2,433,316	ROHA DYECEM LIMITED	2,433,481	SHIMKETS, RICHARD A.	2,433,313
PIRELLI S.P.A.	2,433,094	ROHRBAUGH, ROBERT HENRY	2,433,059	SHIRAI, YASUYUKI	2,433,565
PIRELLI S.P.A.	2,433,140			SHIRE LABORATORIES, INC.	2,432,178
PLAKSIN, DANIEL	2,433,227				

Index of PCT Applications Entering the National Phase

SHULER, KEVON RAY	2,433,778	SUDZUCKER		THOMSON LICENSING S.A.	2,433,086
SHUTT, JOHN RICHARD	2,433,340	AKTIENGESELLSCHAFT	2,431,994	THUEMMLER, KARL EDWARD	2,433,059
SIAHAAN, TERUNA J.	2,432,767	SUEHIRO, MASAYOSHI	2,433,626	TIBREWALA, RAMAKANT	
SIEBENGA, CHARLES	2,433,461	SUGAWA, SHIGETOSHI	2,433,565	JAGDISHPRASAD	2,433,481
SIEMENS		SUGIMOTO, TOSHIYA	2,433,320	TIIROLA, ESA	2,433,051
AKTIENGESELLSCHAFT	2,433,395	SUGIYAMA, AKIHIKO	2,433,551	TISSOT, ALAIN	2,433,316
SIEMENS		SUMITOMO OSAKA CEMENT		TODDERUD, GORDON C.	2,432,041
AKTIENGESELLSCHAFT	2,433,397	CO., LTD.	2,433,317	TOLAN, JEFF	2,432,788
SIEMENS		SVENSSON, JOHN E.	2,433,571	TOYOOKA, TAKAMARO	2,433,704
AKTIENGESELLSCHAFT	2,433,400	SWANSON, RICHARD J.	2,432,274	TRINKEL, MARIAN	2,433,170
SIEMERING, KIRBY	2,431,882	SWART, SALLY KAY	2,433,341	TSO, J. YUN	2,432,736
SIEMERS, NATHAN	2,432,041	SWOBODA, CHARLES M.	2,433,541	TSUKATANI HAMONO NFG.	
SIMON, DIRK	2,433,126	SYNGENTA LIMITED	2,433,079	CO., LTD.	2,433,262
SIMPSON, RODNEY J.	2,433,574	SYNOVIS LIMITED	2,432,542	TUCKER, JOHN LLOYD	2,433,516
SIMS, WILLIAM T.	2,433,323	SZANTON, ESTHER	2,433,227	TURNER, C. ALEXANDER JR.	2,432,737
SJOLUND, MARTIN	2,433,322	SZEKERES-BARTHO, JULIA	2,431,837	TYRPIN, HENRY T.	2,433,283
SLATER, DAVID B., JR.	2,433,541	TABER, GERALDINE PATRICIA	2,433,516	UEDA, HIROTSUGU	2,432,736
SMITH, CLIFFORD	2,432,016	TAISHO PHARMACEUTICAL		UENO, KIMIHIISA	2,433,090
SMITH, DANIEL	2,433,328	CO., LTD.	2,433,266	UNILEVER PLC	2,433,424
SMITH, GORDON MACDONALD		TAKADA, YOSHIHISA	2,433,626	UNIVATION TECHNOLOGIES	
BODIE	2,433,230	TAKASAKI, KOTARO	2,433,090	LLC	2,433,295
SMITH, MARTIN	2,433,437	TAKE, KAZUKIKO	2,433,084	UNIVERSITEIT LEIDEN	2,432,717
SMITH, NOVIS W.	2,432,941	TAMURA, KOUICHI	2,432,736	UNIVERSITY OF KANSAS	2,432,767
SMITHSON, GLENNDA	2,433,313	TAN, CHEE PHUAT	2,433,593	UNIVERSITY OF NEBRASKA	
SOKOLINSKY, MARINA	2,433,343	TAN, MANUEL L.	2,433,337	MEDICAL CENTER	2,433,057
SOKOLOV, VICTOR	2,433,142	TANAKA, KATSUNORI	2,433,402	URBAN, LASZLO	2,433,409
SOLAN, JAMES L.	2,433,342	TARSA, ERIC J.	2,433,541	VAIDYANATHAN, K. RANJI	2,433,550
SOLTIS, JOHN A.	2,433,323	TCHOUGOUNOV, ANDREI	2,433,371	VAILLANCOURT, PETER	2,432,730
SONG, SEJUN	2,433,576	TEAM MEDICAL, LLC	2,433,413	VAILLANCOURT, VALERIE A.	2,433,467
SONICBLUE INCORPORATED	2,433,068	TELECO AUTOMATION S.R.L.	2,433,129	VALINGE ALUMINIUM AB	2,433,487
SORDO, WALTER	2,429,362	TELENOR ASA	2,433,321	VAN ATTIKUM, HAICO	2,432,717
SORGE, JOSEPH A.	2,432,730	TERRY, JOHN B. (DECEASED)	2,433,611	VAN DER KLEIJ, WILHELMUS	
SPANSKI, HAROLD	2,433,666	TERVONEN, ARI	2,433,061	A. H.	2,432,744
SPECTRA, INC.	2,433,334	TETRA LAVAL HOLDINGS &		VAN DER LEE, HERMES	2,433,342
SPEER, ULRICH	2,433,427	FINANCE S.A.	2,433,392	VAN DRIESSCHE, EDDY	
SPITZ, CHARLES F.	2,433,154	THE GILLETTE COMPANY	2,433,342	THEOPHILE ANDREA	2,433,340
SPROUT-MATADOR A/S	2,433,074	THE GOVERNMENT OF THE		VAN SOLINGEN, PIETER	2,432,744
SPYTEK, KIMBERLY A.	2,433,313	UNITED STATES AS		VAN STEERTEGHEM, LUC	2,432,182
SROKA, GARY	2,433,298	REPRESENTED BY THE		VARMA, SUBIR	2,433,617
STAHLI, BARBARA C.	2,433,385	SECRETARY OF THE		VASAN, SARA	2,433,346
STAHLY, G. PATRICK	2,433,577	DEPARTMENT OF HEALTH		VASQUEZ, MAXIMILIANO	2,432,736
STAHLY, PATRICK G.	2,433,385	AND HUMAN SERVICES	2,432,731	VERMA, ASHWANI KUMAR	2,433,259
STASIAK, ANNETTE	2,433,635	THE GOVERNMENT OF THE		VERNALIS RESEARCH	
STEAG HAMATECH AG	2,433,427	UNITED STATES OF		LIMITED	2,433,453
STEEL STORAGE SYSTEMS,		AMERICA AS		VERNET, CORINE A. M.	2,433,313
INC.	2,433,339	REPRESENTED BY THE		VICTAULIC COMPANY OF	
STEELEMAN, RONALD S.	2,433,491	SECRETARY OF THE		AMERICA	2,433,345
STEIN, FRANK	2,433,073	DEPARTMENT OF HEALTH		VIDA, LASZLO	2,433,441
STENZLER, ALEX	2,433,271	AND HUMAN SERVICES,		VOGEL, MANFRED	2,431,994
STEUER, ROBERT R.	2,433,278	CENTERS FOR DI SEASE		VOGT, KIRKLAND W.	2,433,323
STEUER, ROBERT R.	2,433,421	CONTROL AND		VOLLMER, MARTIN	2,433,125
STEWART, DANIEL B.	2,433,261	PREVENTION	2,433,069	WAGLE, DILIP	2,433,346
STICHTING BINAIR VECTOR		THE PROCTER & GAMBLE		WAGLE, DILIP	2,433,425
SYSTEEM	2,432,717	COMPANY	2,433,059	WALISH, JOSEPH	2,433,550
STICKROD, JON E.	2,433,415	THE PROCTER & GAMBLE		WALLACE, IAN	2,433,336
STONE, DAVID J.	2,433,313	COMPANY	2,433,524	WALZ, UWE	2,433,506
STONE, RICHARD	2,433,450	THE PROCTER & GAMBLE		WANG, GUOHONG	2,433,195
STRAND, LENNART	2,433,456	COMPANY	2,433,596	WARD, CHRIS	2,433,437
STRAND, LENNART	2,433,482	THE PROCTER & GAMBLE		WARD, HANS A.	2,433,546
STRATAGENE	2,432,730	COMPANY	2,433,625	WARD, JOHN STANLEY	2,433,351
STRATTON, GEMMA		THE REGENTS OF THE		WARNER-LAMBERT COMPANY	
CAROLINE	2,433,453	UNIVERSITY OF		LLC	2,433,075
STRAUB, DARREN E.	2,433,561	CALIFORNIA	2,433,420	WARNER-LAMBERT COMPANY	
STROHBACH, JOSEPH W.	2,433,467	THE UNIVERSITY OF		LLC	2,433,364
STROKA, JOERG	2,433,098	OKLAHOMA	2,433,670	WARNER-LAMBERT COMPANY	2,433,772
STRZELECKI, EVA M.	2,433,357	THERASENSE, INC.	2,433,144	LLC	2,433,778
STYER, JEREMY P.	2,433,575	THIBEAULT, BRIAN	2,433,541	WARNER-LAMBERT COMPANY	
SUBRAMANYAM, RAVI	2,433,558	THIBIDEAU, JOSEPH A.	2,433,338	LLC	2,433,778
SUCHARD, SUSAN	2,432,041	THOMPSON, FABRIZIO MELI	2,433,524	WATKINS, JEFFRY D.	2,433,057
				WEATHERFORD/LAMB, INC.	2,433,301

Index des demandes PCT entrant en phase nationale

WEATHERFORD/LAMB, INC.	2,433,363
WEBER, CHRISTOPH	2,433,506
WEBSTER, JOHN M.	2,433,417
WEI, PING	2,433,474
WEISS, SCOTT MURRAY	2,433,453
WELICHEM BIOTECH INC.	2,433,417
WELLS, DARRELL	2,433,593
WENKE, GOTTFRIED	2,433,684
WEYANT, DANIEL B.	2,433,548
WEYLER, WALTER	2,432,744
WIGLEY, DAVID JOHN	2,433,145
WILLIAMS, DALE R.	2,433,085
WILLIAMS, MALCOLM	2,433,558
WILLIAMS, MICHAEL O.	2,433,329
WILLMAR POULTRY COMPANY, INC.	2,433,561
WILSON, MICHAEL WILLIAM	2,433,075
WILSON, PAUL	2,433,301
WILSON, THOMAS MICHAEL	2,432,464
WILSON, TODD ALAN	2,433,363
WINKELMANN, LANE WILLIAM	2,433,298
WINTER, MARK ALAN	2,432,464
WISOR TELECOM CORPORATION	2,433,152
WM. WRIGLEY JR. COMPANY	2,433,283
WOJNOWSKI, LESZEK	2,432,339
WOLFFE, ALAN	2,431,308
WYETH	2,432,280
XIE, YUHONG	2,432,280
YAMADA, TAKASHI	2,433,180
YAMAJI, TAKAYUKI	2,433,384
YAMAMOTO, HIROFUMI	2,433,623
YAMAUTI, KENJI	2,433,320
YEDA RESEARCH AND DEVELOPMENT CO. LTD.	2,433,657
YLITALO, JUHA TAPANI	2,433,051
YONEYAMA, MASASHI	2,433,407
YOSHIMI, EIJI	2,433,623
YOSHIMURA, MAMIKO	2,433,266
YOSHINO KOGYOSHO CO., LTD.	2,433,407
YU, SHIHONG	2,433,572
YUE, WEN-SONG	2,433,778
ZACCAGNINO, ANGELO	2,433,558
ZAMMERT, DONAVAN E.	2,433,561
ZEBOLSKY, MICHAEL L.	2,433,297
ZERHUSEN, BRYAN D.	2,433,313
ZHENG, QIANG	2,433,149
ZHOU, ZHIMING	2,433,418
ZHU, FRANK XIAOFAN	2,433,543
ZHU, HUIDE DENNIS	2,433,404
ZHU, YOUNG	2,433,596
ZIECH, JAMES F.	2,433,297
ZOBELE, FRANCO	2,429,362

Index of PCT Applications Entering the National Phase

Index of Canadian Divisional and Previously Unavailable Laid-Open applications

Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

3COM CORPORATION	2,433,607
AVENTIS PASTEUR LIMITED/ AVENTIS PASTEUR LIMITEE	2,433,502
AVRAHAM, MENACHEM	2,433,459
BARRETO, LUIS	2,433,502
BEN-MICHAEL, SIMONI	2,433,459
BRADBURY, PHILIP E.	2,433,303
CHAN, ERIC	2,434,428
CHORPASH, RAMA	2,434,428
ENTERASYS NETWORKS, INC.	2,433,459
FAHIM, RAAFAT E.	2,433,502
FISHER, WAYNE	2,433,303
HART, JOHN H.	2,433,607
HERBERT, ANDREW	2,433,502
HWANG, IVAN CHUNG-SHUNG	2,433,564
JACKSON, GAIL E.	2,433,502
KLEIN, MICHEL H.	2,433,502
KRAUSE, JEFFREY	2,433,607
RUSSELL, STEVEN P.	2,433,607
SEAMAN, MICHAEL JOHN	2,433,607
SHUKI, PERLMAN	2,433,459
SILVER, MICHAEL I.	2,434,428
SILVER, WENDY L.	2,434,428
SPOOL, IRA	2,434,428
STROHL, NILES EDWARD	2,433,607
TAN, LARRY U.	2,433,502
THE BRADBURY COMPANY, INC.	2,433,303
THIPPHAWONG, JOHN	2,433,502
VOSE, BERNARD R.	2,433,502
VOTH, KARL E.	2,433,303
WENCO LLC	2,434,428